



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

March 4, 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
Iveland Elementary School
January 15, 2024

Dear Michael,

This letter will serve as our report concerning the water sampling conducted at Iveland Elementary School on January 15, 2024, 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.

Fifty-six samples were collected, and the results ranged from less than the laboratory limit of detection of 1.0 (<1.0) $\mu\text{g/L}$ to 3.16 $\mu\text{g/L}$. All the results were below the mandated threshold of <5.0 $\mu\text{g/L}$. No corrective actions were required for the fifty-six sampled locations. Sample locations and laboratory results are contained in the attached table.

Sincerely,

Gregory K. Young
Senior Project Manager

TABLE 1
Lead Sampling Results
Iveland Elementary (January 15, 2024)

Sample ID	Location	Results (µg/L)
IVE-1	2 nd Floor, Unisex Restroom, Near Elevator	< 1.00
IVE-2	2 nd Floor, Girl's Restroom, Near Room 207, Left Sink	< 1.00
IVE-3	2 nd Floor, Girl's Restroom, Near Room 207, Middle Sink	< 1.00
IVE-4	2 nd Floor, Girl's Restroom, Near Room 207, Right Sink	< 1.00
IVE-5	2 nd Floor, Water Fountain Near Room 207	< 1.00
IVE-6	2 nd Floor, Boy's Restroom Near Room 207, Left Sink	< 1.00
IVE-7	2 nd Floor, Boy's Restroom Near Room 207, Middle Sink	< 1.00
IVE-8	2 nd Floor, Boy's Restroom Near Room 207, Right Sink	< 1.00
IVE-9	2 nd Floor, Water Fountain Near Room 222	< 1.00
IVE-10	2 nd Floor, Water Fountain Near Room 244	< 1.00
IVE-11	1 st Floor, Water Fountain Near Room 108, Left	< 1.00
IVE-12	1 st Floor, Water Fountain Near Room 108, Right	< 1.00
IVE-13	1 st Floor, Boy's Restroom Near Room 108, Left Sink	< 1.00
IVE-14	1 st Floor, Boy's Restroom Near Room 108, Middle Sink	< 1.00
IVE-15	1 st Floor, Boy's Restroom Near Room 108, Right Sink	< 1.00
IVE-16	1 st Floor, Girl's Restroom Near Room 108, Left Sink	< 1.00
IVE-17	1 st Floor, Girl's Restroom Near Room 108, Middle Sink	< 1.00
IVE-18	1 st Floor, Girl's Restroom Near Room 108, Right Sink	< 1.00
IVE-19	1 st Floor, Unisex Restroom Near Room 108, Sink	< 1.00
IVE-20	1 st Floor, Classroom 111, Restroom Sink	< 1.00
IVE-21	1 st Floor, Classroom 111, Sink	< 1.00
IVE-22	1 st Floor, Classroom 122, Sink	< 1.00
IVE-23	1 st Floor, Classroom 122, Restroom Sink	< 1.00

Note:

µg/L – micrograms per liter

**TABLE 1 (Continued)
Lead Sampling Results
Iveland Elementary (January 15, 2024)**

Sample ID	Location	Results (µg/L)
IVE-24	1 st Floor, Library Office 125, Sink	< 1.00
IVE-25	1 st Floor, Water Fountain Near Library	< 1.00
IVE-26	1 st Floor, Lounge 127, Sink	< 1.00
IVE-27	1 st Floor, Lounge 127, Restroom, Sink	< 1.00
IVE-28	1 st Floor, Classroom 142, Faucet	2.56
IVE-29	1 st Floor, Classroom 142, Restroom, Sink	< 1.00
IVE-30	1 st Floor, Classroom 143, Water Fountain	3.13
IVE-31	1 st Floor, Classroom 143, Faucet	2.46
IVE-32	1 st Floor, Classroom 143, Restroom, Sink	< 1.00
IVE-33	1 st Floor, Classroom 145, Right Sink	< 1.00
IVE-34	1 st Floor, Classroom 145, Left Sink	< 1.00
IVE-35	1 st Floor, Water Fountain Near Classroom 144	< 1.00
IVE-36	Ground Floor, Cafeteria, Water Fountain, Left	< 1.00
IVE-37	Ground Floor, Cafeteria, Water Fountain, Right	< 1.00
IVE-38	Ground Floor, Kitchen, Dishwashing Sink	< 1.00
IVE-39	Ground Floor, Kitchen, Prep Sink Near Stove	< 1.00
IVE-40	Ground Floor, Kitchen, Porcelain Sink	3.16
IVE-41	Ground Floor, Kitchen, Sink Near Oven, Left	1.72
IVE-42	Ground Floor, Kitchen, Sink Near Oven, Right	1.38
IVE-43	Ground Floor, Kitchen, Restroom, Sink	< 1.00
IVE-44	Ground Floor, Main Office, Copier Room, Sink	< 1.00
IVE-45	Ground Floor, Main Office, Restroom Sink	< 1.00
IVE-46	Ground Floor, Nurse's Office 026, Restroom Sink	< 1.00

Note:
µg/L – micrograms per liter

**TABLE 1 (Continued)
Lead Sampling Results
Iveland Elementary (January 15, 2024)**

Sample ID	Location	Results (µg/L)
IVE-47	Ground Floor, Nurse's Office 026, Sink	< 1.00
IVE-48	Ground Floor, Nurse's Office 026, Ice Maker	< 1.00
IVE-49	Ground Floor, Water Fountain Near Main Office	< 1.00
IVE-50	Ground Floor, Boy's Restroom Near Room 31, Left Sink	< 1.00
IVE-51	Ground Floor, Boy's Restroom Near Room 31, Middle Sink	< 1.00
IVE-52	Ground Floor, Boy's Restroom Near Room 31, Right Sink	< 1.00
IVE-53	Ground Floor, Girl's Restroom Near Room 33, Left Sink	< 1.00
IVE-54	Ground Floor, Girl's Restroom Near Room 33, Right Sink	< 1.00
IVE-55	Ground Floor, Unisex Restroom Near Room 044, Sink	< 1.00
IVE-56	Ground Floor, Water Fountain Near Room 044	< 1.00

Note:

µg/L – micrograms per liter

Sources not sampled:

Iveland Elementary, 1st Floor, Lounge 127, Ice Maker (inoperable)

Iveland Elementary, 1st Floor, Classroom 142, Water Fountain (inoperable)



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

February 06, 2024

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

RE: Ritenour Drinking Water-Iveland

Dear Greg Young:

Please find enclosed the **revised** analytical results for the **56** sample(s) the laboratory received on **1/16/24 2:40 pm** and logged in under work order **HA02358**. 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 HA02358

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



Case Narrative

This report was revised to include the correct nomenclature for the samples identified under IVES school. The samples were labeled per the COC set received, which included different sample ID designations. Corrected COCs were provided and sample IDs have been updated.



ANALYTICAL RESULTS

Sample: HA02358-01
Name: IVE-1
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:12	BRS	EPA 200.8 REV 5.4

Sample: HA02358-02
Name: IVE-2
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:13	BRS	EPA 200.8 REV 5.4

Sample: HA02358-03
Name: IVE-3
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:14	BRS	EPA 200.8 REV 5.4

Sample: HA02358-04
Name: IVE-4
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:16	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-05
Name: IVE-5
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:17	BRS	EPA 200.8 REV 5.4

Sample: HA02358-06
Name: IVE-6
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:21	BRS	EPA 200.8 REV 5.4

Sample: HA02358-07
Name: IVE-7
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:25	BRS	EPA 200.8 REV 5.4

Sample: HA02358-08
Name: IVE-8
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:27	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-09
Name: IVE-9
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:28	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-10
Name: IVE-10
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:29	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-11
Name: IVE-11
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:31	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-12
Name: IVE-12
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:32	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: HA02358-13
Name: IVE-13
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:34	BRS	EPA 200.8 REV 5.4

Sample: HA02358-14
Name: IVE-14
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:35	BRS	EPA 200.8 REV 5.4

Sample: HA02358-15
Name: IVE-15
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:36	BRS	EPA 200.8 REV 5.4

Sample: HA02358-16
Name: IVE-16
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:43	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-17
Name: IVE-17
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:45	BRS	EPA 200.8 REV 5.4

Sample: HA02358-18
Name: IVE-18
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:46	BRS	EPA 200.8 REV 5.4

Sample: HA02358-19
Name: IVE-19
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:47	BRS	EPA 200.8 REV 5.4

Sample: HA02358-20
Name: IVE-20
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:49	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-21
Name: IVE-21
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:50	BRS	EPA 200.8 REV 5.4

Sample: HA02358-22
Name: IVE-22
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:51	BRS	EPA 200.8 REV 5.4

Sample: HA02358-23
Name: IVE-23
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:53	BRS	EPA 200.8 REV 5.4

Sample: HA02358-24
Name: IVE-24
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:54	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-25
Name: IVE-25
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 12:58	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-26
Name: IVE-26
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:02	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-27
Name: IVE-27
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:04	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-28
Name: IVE-28
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	2.56	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:05	BRS	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: HA02358-29
Name: IVE-29
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:06	BRS	EPA 200.8 REV 5.4

Sample: HA02358-30
Name: IVE-30
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	3.13	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:08	BRS	EPA 200.8 REV 5.4

Sample: HA02358-31
Name: IVE-31
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	2.46	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:09	BRS	EPA 200.8 REV 5.4

Sample: HA02358-32
Name: IVE-32
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:11	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-33
Name: IVE-33
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:15	BRS	EPA 200.8 REV 5.4

Sample: HA02358-34
Name: IVE-34
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:16	BRS	EPA 200.8 REV 5.4

Sample: HA02358-35
Name: IVE-35
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:17	BRS	EPA 200.8 REV 5.4

Sample: HA02358-36
Name: IVE-36
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:21	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-37
Name: IVE-37
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:23	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-38
Name: IVE-38
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:24	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-39
Name: IVE-39
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:26	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-40
Name: IVE-40
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	3.16	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:27	BRS	EPA 200.8 REV 5.4
------	------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: HA02358-41
Name: IVE-41
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.72	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:31	BRS	EPA 200.8 REV 5.4

Sample: HA02358-42
Name: IVE-42
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	1.38	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:32	BRS	EPA 200.8 REV 5.4

Sample: HA02358-43
Name: IVE-43
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:34	BRS	EPA 200.8 REV 5.4

Sample: HA02358-44
Name: IVE-44
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:35	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-45
Name: IVE-45
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:37	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-46
Name: IVE-46
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:41	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-47
Name: IVE-47
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:42	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------

Sample: HA02358-48
Name: IVE-48
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
-----------	--------	------	-----------	----------	----------	-----	----------	---------	--------

Total Metals - PIA

Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:43	BRS	EPA 200.8 REV 5.4
------	--------	------	--	----------------	---	------	----------------	-----	-------------------



ANALYTICAL RESULTS

Sample: HA02358-49
Name: IVE-49
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:47	BRS	EPA 200.8 REV 5.4

Sample: HA02358-50
Name: IVE-50
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:49	BRS	EPA 200.8 REV 5.4

Sample: HA02358-51
Name: IVE-51
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:50	BRS	EPA 200.8 REV 5.4

Sample: HA02358-52
Name: IVE-52
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:52	BRS	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: HA02358-53
Name: IVE-53
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:53	BRS	EPA 200.8 REV 5.4

Sample: HA02358-54
Name: IVE-54
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:54	BRS	EPA 200.8 REV 5.4

Sample: HA02358-55
Name: IVE-55
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 13:56	BRS	EPA 200.8 REV 5.4

Sample: HA02358-56
Name: IVE-56
Matrix: Drinking Water - Grab

Sampled: 01/15/24 12:00

Received: 01/16/24 14:40

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Lead	< 1.00	ug/L		01/25/24 11:22	1	1.00	01/25/24 14:00	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

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

1 CLIENT JOHNA JURGIEL & ASSOCIATES, INC. ADDRESS 123 N. MAIN ST. CITY ST. CHARLES, MD 63301 STATE MD ZIP 63301 CONTACT PERSON GREEN YOUNG		2 PROJECT NUMBER 636-757-3060 PHONE NUMBER 636-757-3060 PROJECT LOCATION IVELAND E-MAIL gyoung@jurgiel.com DATE SHIPPED 11/15/24		3 ANALYSIS REQUESTED DRINKING WATER MATRIX TYPES: WW-WASTEWATER DW-DRINKING WATER GW-GROUND WATER WWEL-SLUDGE WWEL-LEACHATE OIL-OL SO-SOL SOL-SOLID		4 (FOR LAB USE ONLY) LOGIN # HA08358 LOGGED BY FI CLIENT IVE PROJECT IVE PROJ. MGR. IVE CUSTODY SEAL #		5 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT) IVE-1 1 2 3 4 5 6 7 8 9 10 11		6 DATE COLLECTED 11/15/24 TIME COLLECTED 10:00am-12:00pm DATE SHIPPED 11/15/24 TIME SHIPPED 10:00am-12:00pm		7 MATRIX TYPE DW BOTTLE COUNT 1 PRES CODE 1 CLIENT PROVIDED 1		8 REMARKS X LEAD (EPA 200.8)	
5 TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL (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:		6 DATE RESULTS NEEDED 11/15/24		7 - OTHER		8 COMMENTS: (FOR LAB USE ONLY) Corrected Col 2/6/24		9 SAMPLE TEMPERATURE UPON RECEIPT 16.3 TEMPERATURE GUN ID 16.3 CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED DATE AND TIME TAKEN FROM SAMPLE BOTTLE 11/16/24 1440							

1

CLIENT

JOHN A. JURGIEL & ASSOCIATES, INC.

ADDRESS

123 N. MAIN ST.

CITY

ST. CHARLES, MD 63301

CONTACT PERSON

GREG YOUNG

2

SAMPLE DESCRIPTION

(UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)

IVE-34

35

36

37

38

39

40

41

42

43

44

3

ANALYSIS REQUESTED

PROJECT LOCATION

IVE LAND

PHONE NUMBER

636-757-3060

SAMPLER (PLEASE PRINT)

GREG YOUNG

SAMPLER'S SIGNATURE

DATE COLLECTED

1/15/24

TIME COLLECTED

10:00am-12:00pm

MATRIX TYPE

DW

MATRIX TYPES:

WW: WASTEWATER
DW: DRINKING WATER
GW: GROUND WATER
SW: SURFACE WATER
MS: MISC. SOLID
MA: NON AQUEOUS SOLID
LCHL: LACHATE
OIL: OIL
SOL: SOLID
SOL: SOLID

BOTTLE COUNT

1

PRES CODE

CLIENT PROVIDED

DATE SHIPPED

E-MAIL

gyoung@jurgiel.com

4

LOGGED BY:

HA02358

CLIENT:

PROJECT:

PROJ. MGR.:

CUSTODY SEAL #:

5

TURNAROUND TIME REQUESTED (PLEASE CIRCLE)

NORMAL

RUSH

DATE

1/15/24

TIME

DATE

1/16/24

TIME

1440

6

DATE RESULTS NEEDED

DATE

1/15/24

TIME

DATE

1/16/24

TIME

1440

7

RECEIVED BY: (SIGNATURE)

RECEIVED BY: (SIGNATURE)

RECEIVED BY: (SIGNATURE)

8

COMMENTS: (FOR LAB USE ONLY)

Conduct COC 2/6/24

SAMPLE TEMPERATURE UPON RECEIPT

16.3

TEMPERATURE GUN ID

CHILL PROCESS STARTED PRIOR TO RECEIPT

Y OR N

SAMPLE(S) RECEIVED ON ICE

Y OR N

SAMPLE ACCEPTANCE NONCONFORMANT

Y OR N

REPORT IS NEEDED

DATE AND TIME TAKEN FROM SAMPLE BOTTLE

