

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

St. Joseph School District - Lindbergh Elem

JOB NUMBER

810-110229-1

Eurofins Eaton Analytical South Bend

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: St. John Environmental Consulting
Project: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

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Job Narrative 810-110229-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/2/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions

Bottles arrived with missing bottles without any volume. #1,5,6,7,13,16,18 and #19.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 2 Sink

Lab Sample ID: 810-110229-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.8		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 3 WF

Lab Sample ID: 810-110229-2

No Detections.

Client Sample ID: ST LE - 4 Sink

Lab Sample ID: 810-110229-3

No Detections.

Client Sample ID: ST LE - 8 Sink

Lab Sample ID: 810-110229-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.5		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 9 WF

Lab Sample ID: 810-110229-5

No Detections.

Client Sample ID: ST LE - 10 ICE

Lab Sample ID: 810-110229-6

No Detections.

Client Sample ID: ST LE - 11 Sink

Lab Sample ID: 810-110229-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.58		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 12 Sink

Lab Sample ID: 810-110229-8

No Detections.

Client Sample ID: ST LE - 14 Bubbler

Lab Sample ID: 810-110229-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.9		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 15 Sink

Lab Sample ID: 810-110229-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.9		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 17 Sink

Lab Sample ID: 810-110229-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.6		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 20 WF

Lab Sample ID: 810-110229-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.62		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 21 Sink

Lab Sample ID: 810-110229-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.3		0.50		ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Detection Summary

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 23 Sink Lab Sample ID: 810-110229-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.8		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 24 WF Lab Sample ID: 810-110229-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.7		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 25 Sink Lab Sample ID: 810-110229-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.8		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: ST LE - 26 WF Lab Sample ID: 810-110229-17

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 2 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-1

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.8		0.50		ug/L			07/09/24 00:09	1

Client Sample ID: ST LE - 3 WF

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-2

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 10:10	1

Client Sample ID: ST LE - 4 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-3

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 10:17	1

Client Sample ID: ST LE - 8 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-4

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5		0.50		ug/L			07/09/24 10:19	1

Client Sample ID: ST LE - 9 WF

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-5

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 10:21	1

Client Sample ID: ST LE - 10 ICE

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-6

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 10:28	1

Client Sample ID: ST LE - 11 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-7

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.58		0.50		ug/L			07/09/24 10:30	1

Client Sample Results

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 12 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-8

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 10:33	1

Client Sample ID: ST LE - 14 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-9

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.9		0.50		ug/L			07/09/24 10:35	1

Client Sample ID: ST LE - 15 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-10

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.9		0.50		ug/L			07/09/24 10:37	1

Client Sample ID: ST LE - 17 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-11

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.6		0.50		ug/L			07/09/24 22:16	1

Client Sample ID: ST LE - 20 WF

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-12

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.62		0.50		ug/L			07/09/24 12:03	1

Client Sample ID: ST LE - 21 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-13

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.3		0.50		ug/L			07/09/24 12:05	1

Client Sample ID: ST LE - 23 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-14

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.8		0.50		ug/L			07/09/24 12:06	1

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Client Sample Results

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 24 WF

Lab Sample ID: 810-110229-15

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.7		0.50		ug/L			07/09/24 12:08	1

Client Sample ID: ST LE - 25 Sink

Lab Sample ID: 810-110229-16

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.8		0.50		ug/L			07/09/24 12:13	1

Client Sample ID: ST LE - 26 WF

Lab Sample ID: 810-110229-17

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 12:14	1

QC Sample Results

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 810-105069/11

Matrix: Drinking Water

Analysis Batch: 105069

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/08/24 15:47	1

Lab Sample ID: MB 810-105069/161

Matrix: Drinking Water

Analysis Batch: 105069

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/08/24 22:52	1

Lab Sample ID: LCS 810-105069/162

Matrix: Drinking Water

Analysis Batch: 105069

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	48.7		ug/L		97	85 - 115

Lab Sample ID: LLCS 810-105069/10

Matrix: Drinking Water

Analysis Batch: 105069

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.300	0.276	J	ug/L		92	50 - 150

Lab Sample ID: MB 810-105103/12

Matrix: Drinking Water

Analysis Batch: 105103

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 09:42	1

Lab Sample ID: LCS 810-105103/13

Matrix: Drinking Water

Analysis Batch: 105103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	50.7		ug/L		101	85 - 115

Lab Sample ID: LLCS 810-105103/11

Matrix: Drinking Water

Analysis Batch: 105103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.300	0.335	J	ug/L		112	50 - 150

Lab Sample ID: 810-110229-5 MS

Matrix: Drinking Water

Analysis Batch: 105103

Client Sample ID: ST LE - 9 WF

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	<0.50		50.0	49.0		ug/L		98	70 - 130

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QC Sample Results

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: 810-110229-5 MSD

Matrix: Drinking Water

Analysis Batch: 105103

Client Sample ID: ST LE - 9 WF

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	<0.50		50.0	48.9		ug/L		98	70 - 130	0	20

Lab Sample ID: MB 810-105140/11

Matrix: Drinking Water

Analysis Batch: 105140

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 11:07	1

Lab Sample ID: MB 810-105140/42

Matrix: Drinking Water

Analysis Batch: 105140

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 11:58	1

Lab Sample ID: LCS 810-105140/43

Matrix: Drinking Water

Analysis Batch: 105140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	48.8		ug/L		98	85 - 115

Lab Sample ID: LLCS 810-105140/10

Matrix: Drinking Water

Analysis Batch: 105140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.300	0.295	J	ug/L		98	50 - 150

Lab Sample ID: 810-110229-15 MS

Matrix: Drinking Water

Analysis Batch: 105140

Client Sample ID: ST LE - 24 WF

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	2.7		50.0	57.1		ug/L		109	70 - 130

Lab Sample ID: 810-110229-15 MSD

Matrix: Drinking Water

Analysis Batch: 105140

Client Sample ID: ST LE - 24 WF

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	2.7		50.0	57.5		ug/L		110	70 - 130	1	20

Lab Sample ID: MB 810-105218/12

Matrix: Drinking Water

Analysis Batch: 105218

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 19:27	1

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QC Sample Results

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 810-105218/72

Matrix: Drinking Water

Analysis Batch: 105218

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L			07/09/24 21:26	1

Lab Sample ID: LCS 810-105218/73

Matrix: Drinking Water

Analysis Batch: 105218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	49.1		ug/L		98	85 - 115

Lab Sample ID: LLCS 810-105218/11

Matrix: Drinking Water

Analysis Batch: 105218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.300	0.272	J	ug/L		91	50 - 150

QC Association Summary

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Metals

Analysis Batch: 105069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-110229-1	ST LE - 2 Sink	Total/NA	Drinking Water	200.8	
MB 810-105069/11	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-105069/161	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-105069/162	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-105069/10	Lab Control Sample	Total/NA	Drinking Water	200.8	

Analysis Batch: 105103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-110229-2	ST LE - 3 WF	Total/NA	Drinking Water	200.8	
810-110229-3	ST LE - 4 Sink	Total/NA	Drinking Water	200.8	
810-110229-4	ST LE - 8 Sink	Total/NA	Drinking Water	200.8	
810-110229-5	ST LE - 9 WF	Total/NA	Drinking Water	200.8	
810-110229-6	ST LE - 10 ICE	Total/NA	Drinking Water	200.8	
810-110229-7	ST LE - 11 Sink	Total/NA	Drinking Water	200.8	
810-110229-8	ST LE - 12 Sink	Total/NA	Drinking Water	200.8	
810-110229-9	ST LE - 14 Bubbler	Total/NA	Drinking Water	200.8	
810-110229-10	ST LE - 15 Sink	Total/NA	Drinking Water	200.8	
MB 810-105103/12	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-105103/13	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-105103/11	Lab Control Sample	Total/NA	Drinking Water	200.8	
810-110229-5 MS	ST LE - 9 WF	Total/NA	Drinking Water	200.8	
810-110229-5 MSD	ST LE - 9 WF	Total/NA	Drinking Water	200.8	

Analysis Batch: 105140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-110229-12	ST LE - 20 WF	Total/NA	Drinking Water	200.8	
810-110229-13	ST LE - 21 Sink	Total/NA	Drinking Water	200.8	
810-110229-14	ST LE - 23 Sink	Total/NA	Drinking Water	200.8	
810-110229-15	ST LE - 24 WF	Total/NA	Drinking Water	200.8	
810-110229-16	ST LE - 25 Sink	Total/NA	Drinking Water	200.8	
810-110229-17	ST LE - 26 WF	Total/NA	Drinking Water	200.8	
MB 810-105140/11	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-105140/42	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-105140/43	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-105140/10	Lab Control Sample	Total/NA	Drinking Water	200.8	
810-110229-15 MS	ST LE - 24 WF	Total/NA	Drinking Water	200.8	
810-110229-15 MSD	ST LE - 24 WF	Total/NA	Drinking Water	200.8	

Analysis Batch: 105218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-110229-11	ST LE - 17 Sink	Total/NA	Drinking Water	200.8	
MB 810-105218/12	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-105218/72	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-105218/73	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-105218/11	Lab Control Sample	Total/NA	Drinking Water	200.8	

Lab Chronicle

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 2 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105069	CA	EA SB	07/09/24 00:09

Client Sample ID: ST LE - 3 WF

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-2

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:10

Client Sample ID: ST LE - 4 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:17

Client Sample ID: ST LE - 8 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-4

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:19

Client Sample ID: ST LE - 9 WF

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-5

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:21

Client Sample ID: ST LE - 10 ICE

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-6

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:28

Client Sample ID: ST LE - 11 Sink

Date Collected: 06/24/24 08:00

Date Received: 07/02/24 09:30

Lab Sample ID: 810-110229-7

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:30

Lab Chronicle

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 12 Sink

Lab Sample ID: 810-110229-8

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:33

Client Sample ID: ST LE - 14 Bubbler

Lab Sample ID: 810-110229-9

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:35

Client Sample ID: ST LE - 15 Sink

Lab Sample ID: 810-110229-10

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105103	CA	EA SB	07/09/24 10:37

Client Sample ID: ST LE - 17 Sink

Lab Sample ID: 810-110229-11

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105218	NB	EA SB	07/09/24 22:16

Client Sample ID: ST LE - 20 WF

Lab Sample ID: 810-110229-12

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105140	CA	EA SB	07/09/24 12:03

Client Sample ID: ST LE - 21 Sink

Lab Sample ID: 810-110229-13

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105140	CA	EA SB	07/09/24 12:05

Client Sample ID: ST LE - 23 Sink

Lab Sample ID: 810-110229-14

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105140	CA	EA SB	07/09/24 12:06

Eurofins Eaton Analytical South Bend

Lab Chronicle

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Client Sample ID: ST LE - 24 WF

Lab Sample ID: 810-110229-15

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105140	CA	EA SB	07/09/24 12:08

Client Sample ID: ST LE - 25 Sink

Lab Sample ID: 810-110229-16

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105140	CA	EA SB	07/09/24 12:13

Client Sample ID: ST LE - 26 WF

Lab Sample ID: 810-110229-17

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 07/02/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	105140	CA	EA SB	07/09/24 12:14

Laboratory References:
EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

Accreditation/Certification Summary

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	880	09-30-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EA SB

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

1
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Sample Summary

Client: St. John Environmental Consulting
Project/Site: St. Joseph School District - Lindbergh Elem

Job ID: 810-110229-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-110229-1	ST LE - 2 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-2	ST LE - 3 WF	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-3	ST LE - 4 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-4	ST LE - 8 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-5	ST LE - 9 WF	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-6	ST LE - 10 ICE	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-7	ST LE - 11 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-8	ST LE - 12 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-9	ST LE - 14 Bubbler	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-10	ST LE - 15 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-11	ST LE - 17 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-12	ST LE - 20 WF	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-13	ST LE - 21 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-14	ST LE - 23 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-15	ST LE - 24 WF	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-16	ST LE - 25 Sink	Drinking Water	06/24/24 08:00	07/02/24 09:30
810-110229-17	ST LE - 26 WF	Drinking Water	06/24/24 08:00	07/02/24 09:30

Eurofins Eaton Analytical: South Bend
110 South Hill Street
South Bend, IN 46617
Phone (574) 233-4777

Chain of Custody Record

eurofins
Environment Testing
America

Client Information		Sampler: Ian St. John		Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Casey Housman		Phone: 314-853-4668		E-Mail:	State of Origin: MO	Page: 1 of
Company: St. Joseph School District		PWSID:		Job #:		
Address: 1415 North 26th Street		Due Date Requested:		Analysis Requested		
City: St. Joseph		TAT Requested (days): Standard		Preservation Codes:		
State, Zip: Missouri 64506		Compliance Project: Δ Yes Δ No		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)		
Phone: 816-671-4000		PO #:		Other:		
Email: CaseyHousman@sjsd.k12.mo.us		WO #:				
Project Name: St. Joseph School District		Project #:				
Site: LINDBERGH Elem		SSOW #:				
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, B=soil, O=organic, P=pollutant, T=tissue, A=air)	Field Filtered Sample (Yes or No)
ST LE-1 WF		6/4/24	0900	G	W	
ST LE-2 SWK						
ST LE-3 WF						
ST LE-4 SWK						
ST LE-5 SWK						
ST LE-6 SWK						
ST LE-7 "						
ST LE-8 "						
ST LE-9 WF						
ST LE-10 ICE						
ST LE-11 SWK						
Possible Hazard Identification		Polson B ☒ Unknown ☐ Radiological		Special Instructions/QC Requirements:		
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Other (specify)				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
Deliverable Requested: I, II, III, IV, Other (specify)				Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months		
Empty Kit Relinquished by: [Signature]		Date: April 14, 2024		Method of Shipment:		
Relinquished by: [Signature]		Date/Time: 4/14/24 930		Company		
Relinquished by: [Signature]		Date/Time:		Company		
Relinquished by: [Signature]		Date/Time:		Company		
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Chain of Custody Record

Client Information		Sampler: Ian St. John		Lab P/N:		Carrier Tracking No(s):		COC No:	
Client Contact: Casey Housman		Phone: 314-853-4668		E-Mail: ian@stjohnenv.com		State of Origin: MO		Page: Page 1 of	
Company: St. Joseph School District		PWSID:		Analysis Requested		Job #:		Preservation Codes:	
Address: 1415 North 26th Street		Due Date Requested:		TAT Requested (days): Standard		Compliance Project: Δ Yes Δ No		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
City: St. Joseph		PO #:		WO #:		Project #:		Other:	
State, Zip: Missouri 64506		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, G=soil, O=other)	
Phone: 816-671-4000		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, G=soil, O=other)	
Email: CaseyHousman@sjsd.k12.mo.us		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, G=soil, O=other)	
Project Name: St. Joseph School District		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, G=soil, O=other)	
Site: LINDBERGH ELEM		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, G=soil, O=other)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=water, G=soil, O=other)	
SJ LE-12 Sink		6/24/2020		G		W		BOTTLES #13	
SJ LE-13 Sink		/		/		/		#16, #18, #19	
SJ LE-14 Bobber		/		/		/		#22	
SJ LE-15 Sink		/		/		/		Empty bottles	
SJ LE-16 Bobber		/		/		/		No Volume	
SJ LE-17 Sink		/		/		/			
SJ LE-18 Bobber		/		/		/			
SJ LE-19 Sink		/		/		/			
SJ LE-20 WF		/		/		/			
SJ LE-21 Sink		/		/		/			
SJ LE-22 WF		/		/		/			
Possible Hazard Identification		Polson B		Unknown		Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Non-Hazard		Flammable		Skin Irritant		Other (specify)		Return To Client	
Deliverable Requested: I, II, III, IV, Other (specify)		Polson B		Unknown		Radiological		Disposal By Lab	
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Archive For	
Relinquished by: [Signature]		Date: April 14, 2024		Time: 9:30		Company: [Signature]		Months	
Relinquished by:		Date:		Time:		Company:		Relinquished by:	
Relinquished by:		Date:		Time:		Company:		Relinquished by:	
Custody Seal No.: Δ Yes Δ No		Custody Seal No.:		Custody Seal No.:		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	

Eurofins Eaton Analytical: South Bend

110 South Hill Street
South Bend, IN 46617
Phone (574) 233-4777

Chain of Custody Record



Environment Testing
America

Client Information		Sampler: Ian St. John		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact: Casey Housman		Phone: 314-853-4668		E-Mail: ian@stjohnenv.com		State of Origin: MO		Page: Page 1 of	
Company: St. Joseph School District		PWSID:		Analysis Requested		Job #:			
Address: 1415 North 26th Street		Due Date Requested:		TAT Requested (days): Standard		Preservation Codes:			
City: St. Joseph		Compliance Project: ☐ Yes ☒ No		PO #:		A - HCL		M - Hexane	
State, Zip: Missouri 64506		WFO #:		Project #:		B - NaOH		N - None	
Phone: 816-671-4000		SSOW#:		Sample Date		C - Zn Acetate		O - AsNaO2	
Email: CaseyHousman@sjsd.k12.mo.us		Sample Type (C=Comp, G=grab)		Sample Time		D - Nitric Acid		P - Na2OAS	
Project Name: St. Joseph School District		Matrix (Water, Bore, Operational, ST=Issue, A=NI)		Preservation Code:		E - NaHSO4		Q - Na2SO3	
Site:		Sample Identification		Sample Date		F - MeOH		R - Na2SO4	
		ST LE-23 SWK		6/24/24 0800		G - Anchor		S - H2SO4	
		ST LE-24 WF				H - Ascorbic Acid		T - TSP Dodecalhydrate	
		ST LE-25 SWK				I - Ice		U - Acetone	
		ST LE-26 WP				J - DI Water		V - MCAA	
		ST LE-27 SWK				K - EDTA		W - pH 4-5	
		ST LE-28 SWK				L - EDA		Y - Trizma	
		ST LE-29				Other:		Z - other (specify)	
		ST LE-30							
		ST LE-31							
		ST LE-32							
		ST LE-33							
Possible Hazard Identification		☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Total Number of containers		Special Instructions/Note:	
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by: [Signature]		Return To Client ☐ Disposal By Lab ☒ Archive For Months		pH verified <2		Bottle # 27, # 28	
Empty Kit Relinquished by: [Signature]		Date: April 14, 2024		Relinquished by: [Signature]		Relinquished by: [Signature]		Bottles No Va	
Relinquished by: [Signature]		Date/Time: [Signature]		Relinquished by: [Signature]		Relinquished by: [Signature]			
Relinquished by: [Signature]		Date/Time: [Signature]		Relinquished by: [Signature]		Relinquished by: [Signature]			
Custody Seals Intact: ☐ Yes ☒ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

Login Sample Receipt Checklist

Client: St. John Environmental Consulting

Job Number: 810-110229-1

Login Number: 110229

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Alfred, Robbin

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	False	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	