

ANALYTICAL REPORT

PREPARED FOR

Attn: Ian St. John
St. John Environmental Consulting
5515 Grace Ave.
Saint Louis, Missouri 63116

Generated 7/2/2024 11:53:06 PM

JOB DESCRIPTION

St. Joseph School District - Hosea

JOB NUMBER

810-109355-1

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



Generated
7/2/2024 11:53:06 PM

Authorized for release by
Pamela Brown, Project Manager
Pamela.Brown@et.eurofinsus.com
(574)233-4777

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	8
QC Sample Results	12
QC Association Summary	14
Lab Chronicle	15
Certification Summary	19
Method Summary	20
Sample Summary	21
Chain of Custody	22
Receipt Checklists	26



Definitions/Glossary

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

Job ID: 810-109355-1

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 - Hosea

Job ID: 810-109355-1

Job ID: 810-109355-1

Eurofins Eaton Analytical South Bend

Job Narrative 810-109355-1

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 6/25/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Metals

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

Eurofins Eaton Analytical South Bend

Detection Summary

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

Job ID: 810-109355-1

Client Sample ID: SJH-1 Bubbler

Lab Sample ID: 810-109355-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.7		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-2 Sink

Lab Sample ID: 810-109355-2

No Detections.

Client Sample ID: SJH-3 Bubbler

Lab Sample ID: 810-109355-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.4		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-4 Sink

Lab Sample ID: 810-109355-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.1		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-5 Sink

Lab Sample ID: 810-109355-5

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: SJH-6 Bubbler

Lab Sample ID: 810-109355-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.6		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-7 Sink

Lab Sample ID: 810-109355-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.74		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-8 WF

Lab Sample ID: 810-109355-8

No Detections.

Client Sample ID: SJH-9 WF

Lab Sample ID: 810-109355-9

No Detections.

Client Sample ID: SJH-10 Sink

Lab Sample ID: 810-109355-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	15		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-11 Sink

Lab Sample ID: 810-109355-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	460		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-12 Sink

Lab Sample ID: 810-109355-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	130		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-13 WF

Lab Sample ID: 810-109355-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.7		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 - Hosea

Job ID: 810-109355-1

Client Sample ID: SJH-14 Bubbler

Lab Sample ID: 810-109355-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	110		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-15 Sink

Lab Sample ID: 810-109355-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.57		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-16 WF

Lab Sample ID: 810-109355-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	22		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-17 Bubbler

Lab Sample ID: 810-109355-17

No Detections.

Client Sample ID: SJH-18 Sink

Lab Sample ID: 810-109355-18

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: SJH-19 Sink

Lab Sample ID: 810-109355-19

No Detections.

Client Sample ID: SJH-20 Sink

Lab Sample ID: 810-109355-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	7.6		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-21 Sink

Lab Sample ID: 810-109355-21

No Detections.

Client Sample ID: SJH-22 Sink

Lab Sample ID: 810-109355-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.81		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-23 Sink

Lab Sample ID: 810-109355-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.73		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJH-24

Lab Sample ID: 810-109355-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	14		0.50		ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Eaton Analytical South Bend

Client Sample Results

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

Job ID: 810-109355-1

Client Sample ID: SJH-1 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-1

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.7		0.50		ug/L			07/01/24 13:24	1

Client Sample ID: SJH-2 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-2

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			07/01/24 13:27	1

Client Sample ID: SJH-3 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-3

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.4		0.50		ug/L			07/01/24 13:30	1

Client Sample ID: SJH-4 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-4

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.1		0.50		ug/L			07/01/24 13:33	1

Client Sample ID: SJH-5 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-5

Matrix: Drinking Water

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			07/01/24 23:19	1

Client Sample ID: SJH-6 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-6

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.6		0.50		ug/L			07/01/24 23:27	1

Client Sample ID: SJH-7 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-7

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.74		0.50		ug/L			07/01/24 23:30	1

Client Sample Results

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

Job ID: 810-109355-1

Client Sample ID: SJH-8 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-8

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			07/01/24 23:33	1

Client Sample ID: SJH-9 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-9

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			07/01/24 23:35	1

Client Sample ID: SJH-10 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-10

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	15		0.50		ug/L			07/01/24 23:38	1

Client Sample ID: SJH-11 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-11

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	460		0.50		ug/L			07/01/24 23:41	1

Client Sample ID: SJH-12 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-12

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	130		0.50		ug/L			07/01/24 23:44	1

Client Sample ID: SJH-13 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-13

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.7		0.50		ug/L			07/01/24 23:46	1

Client Sample ID: SJH-14 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-14

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	110		0.50		ug/L			07/01/24 23:49	1

Client Sample Results

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

Job ID: 810-109355-1

Client Sample ID: SJH-15 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-15

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.57		0.50		ug/L			07/01/24 23:58	1

Client Sample ID: SJH-16 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-16

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	22		0.50		ug/L			07/02/24 00:00	1

Client Sample ID: SJH-17 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-17

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			07/02/24 00:09	1

Client Sample ID: SJH-18 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-18

Matrix: Drinking Water

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			07/02/24 00:12	1

Client Sample ID: SJH-19 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-19

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			07/02/24 00:15	1

Client Sample ID: SJH-20 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-20

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	7.6		0.50		ug/L			07/02/24 00:17	1

Client Sample ID: SJH-21 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-21

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			07/02/24 00:20	1

Eurofins Eaton Analytical South Bend

Client Sample Results

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

Job ID: 810-109355-1

Client Sample ID: SJH-22 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-22

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.81		0.50		ug/L			07/02/24 00:23	1

Client Sample ID: SJH-23 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-23

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.73		0.50		ug/L			07/02/24 00:26	1

Client Sample ID: SJH-24

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-24

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	14		0.50		ug/L			07/02/24 00:29	1

QC Sample Results

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

Job ID: 810-109355-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 810-104482/11

Matrix: Drinking Water

Analysis Batch: 104482

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			07/01/24 09:27	1

Lab Sample ID: MB 810-104482/71

Matrix: Drinking Water

Analysis Batch: 104482

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			07/01/24 12:16	1

Lab Sample ID: LCS 810-104482/72

Matrix: Drinking Water

Analysis Batch: 104482

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	48.3		ug/L		97	85 - 115

Lab Sample ID: LLCS 810-104482/10

Matrix: Drinking Water

Analysis Batch: 104482

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	0.297	J	ug/L		99	50 - 150

Lab Sample ID: MB 810-104601/11

Matrix: Drinking Water

Analysis Batch: 104601

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			07/01/24 23:13	1

Lab Sample ID: LCS 810-104601/12

Matrix: Drinking Water

Analysis Batch: 104601

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	49.7		ug/L		99	85 - 115

Lab Sample ID: LLCS 810-104601/10

Matrix: Drinking Water

Analysis Batch: 104601

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	0.300	J	ug/L		100	50 - 150

Lab Sample ID: 810-109355-5 MS

Matrix: Drinking Water

Analysis Batch: 104601

Client Sample ID: SJH-5 Sink

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	53.9		ug/L		102	70 - 130

Eurofins Eaton Analytical South Bend

QC Sample Results

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

Job ID: 810-109355-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: 810-109355-5 MSD

Matrix: Drinking Water

Analysis Batch: 104601

Client Sample ID: SJH-5 Sink

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	54.2		ug/L		103	70 - 130	1	20

Lab Sample ID: 810-109355-16 MS

Matrix: Drinking Water

Analysis Batch: 104601

Client Sample ID: SJH-16 WF

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead	22		50.0	72.3		ug/L		100	70 - 130		

Lab Sample ID: 810-109355-16 MSD

Matrix: Drinking Water

Analysis Batch: 104601

Client Sample ID: SJH-16 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	22		50.0	71.7		ug/L		99	70 - 130	1	20

QC Association Summary

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

Job ID: 810-109355-1

Metals

Analysis Batch: 104482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109355-1	SJH-1 Bubbler	Total/NA	Drinking Water	200.8	
810-109355-2	SJH-2 Sink	Total/NA	Drinking Water	200.8	
810-109355-3	SJH-3 Bubbler	Total/NA	Drinking Water	200.8	
810-109355-4	SJH-4 Sink	Total/NA	Drinking Water	200.8	
MB 810-104482/11	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-104482/71	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-104482/72	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-104482/10	Lab Control Sample	Total/NA	Drinking Water	200.8	

Analysis Batch: 104601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109355-5	SJH-5 Sink	Total/NA	Drinking Water	200.8	
810-109355-6	SJH-6 Bubbler	Total/NA	Drinking Water	200.8	
810-109355-7	SJH-7 Sink	Total/NA	Drinking Water	200.8	
810-109355-8	SJH-8 WF	Total/NA	Drinking Water	200.8	
810-109355-9	SJH-9 WF	Total/NA	Drinking Water	200.8	
810-109355-10	SJH-10 Sink	Total/NA	Drinking Water	200.8	
810-109355-11	SJH-11 Sink	Total/NA	Drinking Water	200.8	
810-109355-12	SJH-12 Sink	Total/NA	Drinking Water	200.8	
810-109355-13	SJH-13 WF	Total/NA	Drinking Water	200.8	
810-109355-14	SJH-14 Bubbler	Total/NA	Drinking Water	200.8	
810-109355-15	SJH-15 Sink	Total/NA	Drinking Water	200.8	
810-109355-16	SJH-16 WF	Total/NA	Drinking Water	200.8	
810-109355-17	SJH-17 Bubbler	Total/NA	Drinking Water	200.8	
810-109355-18	SJH-18 Sink	Total/NA	Drinking Water	200.8	
810-109355-19	SJH-19 Sink	Total/NA	Drinking Water	200.8	
810-109355-20	SJH-20 Sink	Total/NA	Drinking Water	200.8	
810-109355-21	SJH-21 Sink	Total/NA	Drinking Water	200.8	
810-109355-22	SJH-22 Sink	Total/NA	Drinking Water	200.8	
810-109355-23	SJH-23 Sink	Total/NA	Drinking Water	200.8	
810-109355-24	SJH-24	Total/NA	Drinking Water	200.8	
MB 810-104601/11	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-104601/12	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-104601/10	Lab Control Sample	Total/NA	Drinking Water	200.8	
810-109355-5 MS	SJH-5 Sink	Total/NA	Drinking Water	200.8	
810-109355-5 MSD	SJH-5 Sink	Total/NA	Drinking Water	200.8	
810-109355-16 MS	SJH-16 WF	Total/NA	Drinking Water	200.8	
810-109355-16 MSD	SJH-16 WF	Total/NA	Drinking Water	200.8	

Lab Chronicle

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

Job ID: 810-109355-1

Client Sample ID: SJH-1 Bubbler

Lab Sample ID: 810-109355-1

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104482	CA	EA SB	07/01/24 13:24

Client Sample ID: SJH-2 Sink

Lab Sample ID: 810-109355-2

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104482	CA	EA SB	07/01/24 13:27

Client Sample ID: SJH-3 Bubbler

Lab Sample ID: 810-109355-3

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104482	CA	EA SB	07/01/24 13:30

Client Sample ID: SJH-4 Sink

Lab Sample ID: 810-109355-4

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104482	CA	EA SB	07/01/24 13:33

Client Sample ID: SJH-5 Sink

Lab Sample ID: 810-109355-5

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/01/24 23:19

Client Sample ID: SJH-6 Bubbler

Lab Sample ID: 810-109355-6

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/01/24 23:27

Client Sample ID: SJH-7 Sink

Lab Sample ID: 810-109355-7

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/01/24 23:30

Lab Chronicle

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

Job ID: 810-109355-1

Client Sample ID: SJH-8 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-8

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	104601	CA	EA SB	07/01/24 23:33

Client Sample ID: SJH-9 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-9

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	104601	CA	EA SB	07/01/24 23:35

Client Sample ID: SJH-10 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-10

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	104601	CA	EA SB	07/01/24 23:38

Client Sample ID: SJH-11 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-11

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	104601	CA	EA SB	07/01/24 23:41

Client Sample ID: SJH-12 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-12

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	104601	CA	EA SB	07/01/24 23:44

Client Sample ID: SJH-13 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-13

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	104601	CA	EA SB	07/01/24 23:46

Client Sample ID: SJH-14 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-14

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	104601	CA	EA SB	07/01/24 23:49

Eurofins Eaton Analytical South Bend

Lab Chronicle

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

Job ID: 810-109355-1

Client Sample ID: SJH-15 Sink

Lab Sample ID: 810-109355-15

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/01/24 23:58

Client Sample ID: SJH-16 WF

Lab Sample ID: 810-109355-16

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/02/24 00:00

Client Sample ID: SJH-17 Bubbler

Lab Sample ID: 810-109355-17

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/02/24 00:09

Client Sample ID: SJH-18 Sink

Lab Sample ID: 810-109355-18

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/02/24 00:12

Client Sample ID: SJH-19 Sink

Lab Sample ID: 810-109355-19

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/02/24 00:15

Client Sample ID: SJH-20 Sink

Lab Sample ID: 810-109355-20

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/02/24 00:17

Client Sample ID: SJH-21 Sink

Lab Sample ID: 810-109355-21

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	200.8		1	104601	CA	EA SB	07/02/24 00:20

Eurofins Eaton Analytical South Bend

Lab Chronicle

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

Job ID: 810-109355-1

Client Sample ID: SJH-22 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-22

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	104601	CA	EA SB	07/02/24 00:23

Client Sample ID: SJH-23 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-23

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	104601	CA	EA SB	07/02/24 00:26

Client Sample ID: SJH-24

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109355-24

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	104601	CA	EA SB	07/02/24 00:29

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 - Hosea

Job ID: 810-109355-1

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 - Hosea

Job ID: 810-109355-1

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

Sample Summary

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

Job ID: 810-109355-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-109355-1	SJH-1 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-2	SJH-2 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-3	SJH-3 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-4	SJH-4 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-5	SJH-5 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-6	SJH-6 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-7	SJH-7 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-8	SJH-8 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-9	SJH-9 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-10	SJH-10 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-11	SJH-11 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-12	SJH-12 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-13	SJH-13 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-14	SJH-14 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-15	SJH-15 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-16	SJH-16 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-17	SJH-17 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-18	SJH-18 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-19	SJH-19 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-20	SJH-20 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-21	SJH-21 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-22	SJH-22 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-23	SJH-23 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109355-24	SJH-24	Drinking Water	06/24/24 08:00	06/25/24 09:30

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

Chain of Custody Record

Client Information		Sampler:	Ian St. John		Lab Pk.:			Carrier Tracking No(s):	COC No:	
Client Contact: Casey Housman		Phone:	314-853-4668		E-Mail:	ian@stjohnenv.com		State of Origin:	MO	
Company: St. Joseph School District		Due Date Requested:		PWSID:		Analysis Requested		Page: Page 1 of 2		
Address: 1415 North 26th Street		TAT Requested (days):		Standard		Preservation Codes:				
City: St. Joseph		Compliance Project: Δ Yes Δ No		PO #:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - Nitric Acid F - NaOH G - Na2SO4 H - Na2SO3 I - NaOH J - Ascorbic Acid K - DI Water L - EDTA M - Hexane N - None O - AsnO2 P - Na2OAS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecalhydrate U - Acetic Acid V - MCAA W - pH 4-5 X - Trizma Y - other (specify)				
State, Zip: Missouri 64506		WO #:		Project #:		Field Filtered Sample (Yes or No)				
Phone: 816-671-4000		SGOM#:		Preservation Code:		Total Number of com				
Email: CaseyHousman@sisd.k12.mo.us		Project #:		Sample Type (C=Comp, G=grab)		Matrix (W=Water, B=Soil, O=Organic)				
Project Name: St. Joseph School District		Sample Date		Sample Time		Field Instructions/Note:				
Site: Rose		Sample Identification		Sample Time		Special Instructions/Note:				
STH-1 Bubble		6/24/2024		G		W				
STH-2 Sink										
STH-3 Bubble										
STH-4 Sink										
STH-5 Sink										
STH-6 Bubble										
STH-7 Sink										
STH-8 WJF										
STH-9 WJF										
STH-10 Sink										
STH-11 Sink										
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)		Return To Client ☐ Disposal By Lab ☒ Archive For ☐ Months				
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:		Method of Shipment:						
Empty Kit Relinquished by:		Date:		Time:						
Relinquished by: [Signature]		Date/Time: 6/24/2024		Company:		Received by: [Signature]		Date/Time: 6/25/2024		
Relinquished by: [Signature]		Date/Time:		Company:		Received by: [Signature]		Date/Time:		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: Ambient						

Environment Testings

1

Chain of Custody Receipt

1. METRICS

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

Client Contact: **Casey Housman**
Company: **St. Joseph School District**
Address: **1415 North 26th Street**
City: **St. Joseph**
State, Zip: **Missouri 64506**
Phone: **916 671-4000**

Sample: **Ian St. John**
Phone: **314-853-4668**
Email: **ian@stjohnenvy.com**

Due Date Requested:
TAT Requested (days): **Standard**
Compliance Project: ☐ Yes ☒ No

PO #: **WFO #:**

Project Name: **Casey/Housman@sjisd.K12.mo.us**
SSON#: **St. Joseph School District**

Field Filtered Sample: ☒ Yes ☐ No

Analysis Requested

Carrier Tracking No(s):
State of Origin: **MO**
COC No: **Page 1 of**

Job #:

Preservation Codes:

Other:

Special Instructions/Note:

Total Number of Containers:

Sample Identification

Sample Date

Sample Time

Sample Type

Sample Matrix

Sample Preservation Code

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Sample Return To Client

Sample Archive For Months

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

Analysis Requested

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

Login Sample Receipt Checklist

Client: St. John Environmental Consulting

Job Number: 810-109355-1

Login Number: 109355

List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Moffitt, Tisha

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	