

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

St. Joseph School District - Spring Garden

JOB NUMBER

810-109384-1

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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Table of Contents

Cover Page 1

Table of Contents 3

Definitions/Glossary 4

Case Narrative 5

Detection Summary 6

Client Sample Results 9

QC Sample Results 14

QC Association Summary 17

Lab Chronicle 19

Certification Summary 24

Method Summary 25

Sample Summary 26

Chain of Custody 27

Receipt Checklists 39



Definitions/Glossary

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

Job ID: 810-109384-1

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 - Spring Garden

Job ID: 810-109384-1

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Eurofins Eaton Analytical South Bend

Job Narrative 810-109384-1

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.

Receipt Exceptions

One or more containers for the following samples were received empty: SJSG-1 WF (810-109384-1), SJSG-2 Sink (810-109384-2), SJSG-3 Sink (810-109384-3), SJSG-4 Sink (810-109384-4), SJSG-5 Sink (810-109384-5), SJSG-6 Sink (810-109384-6), SJSG-7 Bubbler (810-109384-7), SJSG-8 WF (810-109384-8), SJSG-9 Sink (810-109384-9), SJSG-10 Bubbler (810-109384-10), SJSG-11 Sink (810-109384-11), SJSG-12 Sink (810-109384-12), SJSG-13 Sink (810-109384-13), SJSG-14 Bubbler (810-109384-14), SJSG-15 Sink (810-109384-15), SJSG-16 Sink (810-109384-16), SJSG-17 Bubbler (810-109384-17), SJSG-18 Sink (810-109384-18), SJSG-19 WF (810-109384-19), SJSG-20 WF (810-109384-20), SJSG-21 Sink (810-109384-21), SJSG-22 Sink (810-109384-22), SJSG-23 Sink (810-109384-23), SJSG-24 ICE (810-109384-24), SJSG-25 Sink (810-109384-25), SJSG-26 Sink (810-109384-26), SJSG-27 Bubbler (810-109384-27), SJSG-28 WF (810-109384-28), SJSG-29 Sink (810-109384-29), SJSG-30 Bubbler (810-109384-30), SJSG-31 WF (810-109384-31), SJSG-32 Sink (810-109384-32) and SJSG-34 Sink (810-109384-33).

Bottle SJSG-14 Bubbler was recieved empty

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 - Spring Garden

Job ID: 810-109384-1

Client Sample ID: SJSG-1 WF

Lab Sample ID: 810-109384-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.2		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-2 Sink

Lab Sample ID: 810-109384-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.4		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-3 Sink

Lab Sample ID: 810-109384-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	59		0.50		ug/L	1		200.8	Total Recoverable

Client Sample ID: SJSG-4 Sink

Lab Sample ID: 810-109384-4

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: SJSG-5 Sink

Lab Sample ID: 810-109384-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	45		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-6 Sink

Lab Sample ID: 810-109384-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	6.5		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-7 Bubbler

Lab Sample ID: 810-109384-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	18		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-8 WF

Lab Sample ID: 810-109384-8

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: SJSG-9 Sink

Lab Sample ID: 810-109384-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-10 Bubbler

Lab Sample ID: 810-109384-10

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

Client Sample ID: SJSG-11 Sink

Lab Sample ID: 810-109384-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	5.5		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-12 Sink

Lab Sample ID: 810-109384-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	12		0.50		ug/L	1		200.8	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

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

Job ID: 810-109384-1

Client Sample ID: SJSG-13 Sink

Lab Sample ID: 810-109384-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	36		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-15 Sink

Lab Sample ID: 810-109384-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.8		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-16 Sink

Lab Sample ID: 810-109384-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16		0.50		ug/L	1		200.8	Total Recoverable

Client Sample ID: SJSG-17 Bubbler

Lab Sample ID: 810-109384-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	16		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-18 Sink

Lab Sample ID: 810-109384-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.97		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-19 WF

Lab Sample ID: 810-109384-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.78		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-20 WF

Lab Sample ID: 810-109384-20

No Detections.

Client Sample ID: SJSG-21 Sink

Lab Sample ID: 810-109384-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	4.5		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-22 Sink

Lab Sample ID: 810-109384-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.2		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-23 Sink

Lab Sample ID: 810-109384-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	3.6		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-24 ICE

Lab Sample ID: 810-109384-24

No Detections.

Client Sample ID: SJSG-25 Sink

Lab Sample ID: 810-109384-25

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.

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Detection Summary

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

Job ID: 810-109384-1

Client Sample ID: SJSG-26 Sink

Lab Sample ID: 810-109384-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	38		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-27 Bubbler

Lab Sample ID: 810-109384-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.5		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-28 WF

Lab Sample ID: 810-109384-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	13		0.50		ug/L	1		200.8	Total Recoverable

Client Sample ID: SJSG-29 Sink

Lab Sample ID: 810-109384-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	17		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-30 Bubbler

Lab Sample ID: 810-109384-30

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

Client Sample ID: SJSG-31 WF

Lab Sample ID: 810-109384-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.96		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-32 Sink

Lab Sample ID: 810-109384-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.5		0.50		ug/L	1		200.8	Total/NA

Client Sample ID: SJSG-34 Sink

Lab Sample ID: 810-109384-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	8.4		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 - Spring Garden

Job ID: 810-109384-1

Client Sample ID: SJSG-1 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-1

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.2		0.50		ug/L			07/02/24 06:52	1

Client Sample ID: SJSG-2 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-2

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.4		0.50		ug/L			07/02/24 06:55	1

Client Sample ID: SJSG-3 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-3

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	59		0.50		ug/L		07/02/24 12:38	07/03/24 13:33	1

Client Sample ID: SJSG-4 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-4

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			07/02/24 07:03	1

Client Sample ID: SJSG-5 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-5

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	45		0.50		ug/L			07/02/24 07:06	1

Client Sample ID: SJSG-6 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-6

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	6.5		0.50		ug/L			07/02/24 07:09	1

Client Sample ID: SJSG-7 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-7

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	18		0.50		ug/L			07/02/24 07:12	1

Client Sample Results

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

Job ID: 810-109384-1

Client Sample ID: SJSG-8 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-8

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			07/02/24 07:15	1

Client Sample ID: SJSG-9 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-9

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11		0.50		ug/L			07/02/24 07:18	1

Client Sample ID: SJSG-10 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-10

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 07:21	1

Client Sample ID: SJSG-11 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-11

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	5.5		0.50		ug/L			07/02/24 07:29	1

Client Sample ID: SJSG-12 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-12

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	12		0.50		ug/L			07/02/24 07:32	1

Client Sample ID: SJSG-13 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-13

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	36		0.50		ug/L			07/02/24 07:35	1

Client Sample ID: SJSG-15 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-15

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.8		0.50		ug/L			07/02/24 11:20	1

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Client Sample Results

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

Job ID: 810-109384-1

Client Sample ID: SJSG-16 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-16

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.50		ug/L		07/02/24 12:38	07/03/24 13:35	1

Client Sample ID: SJSG-17 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-17

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	16		0.50		ug/L			07/02/24 11:22	1

Client Sample ID: SJSG-18 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-18

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.97		0.50		ug/L			07/02/24 11:28	1

Client Sample ID: SJSG-19 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-19

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.78		0.50		ug/L			07/02/24 11:30	1

Client Sample ID: SJSG-20 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-20

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 11:32	1

Client Sample ID: SJSG-21 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-21

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	4.5		0.50		ug/L			07/02/24 11:34	1

Client Sample ID: SJSG-22 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-22

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.2		0.50		ug/L			07/02/24 11:36	1

Eurofins Eaton Analytical South Bend

Client Sample Results

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

Job ID: 810-109384-1

Client Sample ID: SJSG-23 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-23

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.6		0.50		ug/L			07/02/24 11:08	1

Client Sample ID: SJSG-24 ICE

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-24

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 11:11	1

Client Sample ID: SJSG-25 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-25

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			07/02/24 11:13	1

Client Sample ID: SJSG-26 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-26

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	38		0.50		ug/L			07/02/24 11:16	1

Client Sample ID: SJSG-27 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-27

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	9.5		0.50		ug/L			07/02/24 11:19	1

Client Sample ID: SJSG-28 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-28

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	13		0.50		ug/L		07/02/24 12:38	07/03/24 13:37	1

Client Sample ID: SJSG-29 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-29

Matrix: Drinking Water

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	17		0.50		ug/L			07/02/24 11:21	1

Eurofins Eaton Analytical South Bend

Client Sample Results

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

Job ID: 810-109384-1

Client Sample ID: SJSG-30 Bubbler

Lab Sample ID: 810-109384-30

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

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 11:29	1

Client Sample ID: SJSG-31 WF

Lab Sample ID: 810-109384-31

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.96		0.50		ug/L			07/02/24 11:32	1

Client Sample ID: SJSG-32 Sink

Lab Sample ID: 810-109384-32

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.5		0.50		ug/L			07/02/24 11:35	1

Client Sample ID: SJSG-34 Sink

Lab Sample ID: 810-109384-33

Date Collected: 06/24/24 08:00

Matrix: Drinking Water

Date Received: 06/25/24 09:30

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	8.4		0.50		ug/L			07/02/24 11:37	1

QC Sample Results

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

Job ID: 810-109384-1

Method: 200.8 - Metals (ICP/MS)

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: MB 810-104601/161

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			07/02/24 06:17	1

Lab Sample ID: LCS 810-104601/162

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	49.5		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: 810-109384-10 MS

Matrix: Drinking Water

Analysis Batch: 104601

Client Sample ID: SJSG-10 Bubbler

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	14		50.0	62.7		ug/L		97	70 - 130

Lab Sample ID: 810-109384-10 MSD

Matrix: Drinking Water

Analysis Batch: 104601

Client Sample ID: SJSG-10 Bubbler

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	14		50.0	62.6		ug/L		97	70 - 130	0	20

Lab Sample ID: MB 810-104641/12

Matrix: Drinking Water

Analysis Batch: 104641

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			07/02/24 09:40	1

Lab Sample ID: MB 810-104641/42

Matrix: Drinking Water

Analysis Batch: 104641

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			07/02/24 10:40	1

Eurofins Eaton Analytical South Bend

QC Sample Results

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

Job ID: 810-109384-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: LCS 810-104641/44
Matrix: Drinking Water
Analysis Batch: 104641

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 810-104641/11
Matrix: Drinking Water
Analysis Batch: 104641

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: 810-109384-17 MS
Matrix: Drinking Water
Analysis Batch: 104641

Client Sample ID: SJSG-17 Bubbler
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	16		50.0	66.2		ug/L		101	70 - 130

Lab Sample ID: 810-109384-17 MSD
Matrix: Drinking Water
Analysis Batch: 104641

Client Sample ID: SJSG-17 Bubbler
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	16		50.0	67.7		ug/L		104	70 - 130	2	20

Lab Sample ID: MB 810-104642/13
Matrix: Drinking Water
Analysis Batch: 104642

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			07/02/24 09:26	1

Lab Sample ID: MB 810-104642/43
Matrix: Drinking Water
Analysis Batch: 104642

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			07/02/24 10:47	1

Lab Sample ID: LCS 810-104642/44
Matrix: Drinking Water
Analysis Batch: 104642

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	49.4		ug/L		99	85 - 115

Lab Sample ID: LLCS 810-104642/11
Matrix: Drinking Water
Analysis Batch: 104642

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

Eurofins Eaton Analytical South Bend

QC Sample Results

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

Job ID: 810-109384-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: 810-109384-33 MS

Matrix: Drinking Water

Analysis Batch: 104642

Client Sample ID: SJSG-34 Sink

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	8.4		50.0	59.2		ug/L		102	70 - 130

Lab Sample ID: 810-109384-33 MSD

Matrix: Drinking Water

Analysis Batch: 104642

Client Sample ID: SJSG-34 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	8.4		50.0	58.1		ug/L		99	70 - 130	2	20

Lab Sample ID: MB 810-104650/1-A

Matrix: Drinking Water

Analysis Batch: 104792

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 104650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.50		0.50		ug/L		07/02/24 12:38	07/03/24 13:10	1

Lab Sample ID: LCS 810-104650/3-A

Matrix: Drinking Water

Analysis Batch: 104792

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 104650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.0	53.2		ug/L		106	85 - 115

Lab Sample ID: LLCS 810-104650/2-A

Matrix: Drinking Water

Analysis Batch: 104792

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 104650

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	0.300	0.275	J	ug/L		92	50 - 150

QC Association Summary

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

Job ID: 810-109384-1

Metals

Analysis Batch: 104601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109384-1	SJSG-1 WF	Total/NA	Drinking Water	200.8	
810-109384-2	SJSG-2 Sink	Total/NA	Drinking Water	200.8	
810-109384-4	SJSG-4 Sink	Total/NA	Drinking Water	200.8	
810-109384-5	SJSG-5 Sink	Total/NA	Drinking Water	200.8	
810-109384-6	SJSG-6 Sink	Total/NA	Drinking Water	200.8	
810-109384-7	SJSG-7 Bubbler	Total/NA	Drinking Water	200.8	
810-109384-8	SJSG-8 WF	Total/NA	Drinking Water	200.8	
810-109384-9	SJSG-9 Sink	Total/NA	Drinking Water	200.8	
810-109384-10	SJSG-10 Bubbler	Total/NA	Drinking Water	200.8	
810-109384-11	SJSG-11 Sink	Total/NA	Drinking Water	200.8	
810-109384-12	SJSG-12 Sink	Total/NA	Drinking Water	200.8	
810-109384-13	SJSG-13 Sink	Total/NA	Drinking Water	200.8	
MB 810-104601/11	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-104601/161	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-104601/162	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-104601/10	Lab Control Sample	Total/NA	Drinking Water	200.8	
810-109384-10 MS	SJSG-10 Bubbler	Total/NA	Drinking Water	200.8	
810-109384-10 MSD	SJSG-10 Bubbler	Total/NA	Drinking Water	200.8	

Analysis Batch: 104641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109384-15	SJSG-15 Sink	Total/NA	Drinking Water	200.8	
810-109384-17	SJSG-17 Bubbler	Total/NA	Drinking Water	200.8	
810-109384-18	SJSG-18 Sink	Total/NA	Drinking Water	200.8	
810-109384-19	SJSG-19 WF	Total/NA	Drinking Water	200.8	
810-109384-20	SJSG-20 WF	Total/NA	Drinking Water	200.8	
810-109384-21	SJSG-21 Sink	Total/NA	Drinking Water	200.8	
810-109384-22	SJSG-22 Sink	Total/NA	Drinking Water	200.8	
MB 810-104641/12	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-104641/42	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-104641/44	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-104641/11	Lab Control Sample	Total/NA	Drinking Water	200.8	
810-109384-17 MS	SJSG-17 Bubbler	Total/NA	Drinking Water	200.8	
810-109384-17 MSD	SJSG-17 Bubbler	Total/NA	Drinking Water	200.8	

Analysis Batch: 104642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109384-23	SJSG-23 Sink	Total/NA	Drinking Water	200.8	
810-109384-24	SJSG-24 ICE	Total/NA	Drinking Water	200.8	
810-109384-25	SJSG-25 Sink	Total/NA	Drinking Water	200.8	
810-109384-26	SJSG-26 Sink	Total/NA	Drinking Water	200.8	
810-109384-27	SJSG-27 Bubbler	Total/NA	Drinking Water	200.8	
810-109384-29	SJSG-29 Sink	Total/NA	Drinking Water	200.8	
810-109384-30	SJSG-30 Bubbler	Total/NA	Drinking Water	200.8	
810-109384-31	SJSG-31 WF	Total/NA	Drinking Water	200.8	
810-109384-32	SJSG-32 Sink	Total/NA	Drinking Water	200.8	
810-109384-33	SJSG-34 Sink	Total/NA	Drinking Water	200.8	
MB 810-104642/13	Method Blank	Total/NA	Drinking Water	200.8	
MB 810-104642/43	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-104642/44	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-104642/11	Lab Control Sample	Total/NA	Drinking Water	200.8	

Eurofins Eaton Analytical South Bend

QC Association Summary

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

Job ID: 810-109384-1

Metals (Continued)

Analysis Batch: 104642 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109384-33 MS	SJSG-34 Sink	Total/NA	Drinking Water	200.8	
810-109384-33 MSD	SJSG-34 Sink	Total/NA	Drinking Water	200.8	

Prep Batch: 104650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109384-3	SJSG-3 Sink	Total Recoverable	Drinking Water	200.8	
810-109384-16	SJSG-16 Sink	Total Recoverable	Drinking Water	200.8	
810-109384-28	SJSG-28 WF	Total Recoverable	Drinking Water	200.8	
MB 810-104650/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	
LCS 810-104650/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	
LLCS 810-104650/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	

Analysis Batch: 104792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-109384-3	SJSG-3 Sink	Total Recoverable	Drinking Water	200.8	104650
810-109384-16	SJSG-16 Sink	Total Recoverable	Drinking Water	200.8	104650
810-109384-28	SJSG-28 WF	Total Recoverable	Drinking Water	200.8	104650
MB 810-104650/1-A	Method Blank	Total Recoverable	Drinking Water	200.8	104650
LCS 810-104650/3-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	104650
LLCS 810-104650/2-A	Lab Control Sample	Total Recoverable	Drinking Water	200.8	104650

Lab Chronicle

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

Job ID: 810-109384-1

Client Sample ID: SJSG-1 WF

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-1

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	104601	CA	EA SB	07/02/24 06:52

Client Sample ID: SJSG-2 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-2

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	104601	CA	EA SB	07/02/24 06:55

Client Sample ID: SJSG-3 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	200.8			104650	NB	EA SB	07/02/24 12:38
Total Recoverable	Analysis	200.8		1	104792	NB	EA SB	07/03/24 13:33

Client Sample ID: SJSG-4 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-4

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	104601	CA	EA SB	07/02/24 07:03

Client Sample ID: SJSG-5 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-5

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	104601	CA	EA SB	07/02/24 07:06

Client Sample ID: SJSG-6 Sink

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-6

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	104601	CA	EA SB	07/02/24 07:09

Client Sample ID: SJSG-7 Bubbler

Date Collected: 06/24/24 08:00

Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-7

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	104601	CA	EA SB	07/02/24 07:12

Lab Chronicle

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

Job ID: 810-109384-1

Client Sample ID: SJSG-8 WF

Lab Sample ID: 810-109384-8

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 07:15

Client Sample ID: SJSG-9 Sink

Lab Sample ID: 810-109384-9

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 07:18

Client Sample ID: SJSG-10 Bubbler

Lab Sample ID: 810-109384-10

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 07:21

Client Sample ID: SJSG-11 Sink

Lab Sample ID: 810-109384-11

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 07:29

Client Sample ID: SJSG-12 Sink

Lab Sample ID: 810-109384-12

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 07:32

Client Sample ID: SJSG-13 Sink

Lab Sample ID: 810-109384-13

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 07:35

Client Sample ID: SJSG-15 Sink

Lab Sample ID: 810-109384-15

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	104641	CA	EA SB	07/02/24 11:20

Eurofins Eaton Analytical South Bend

Lab Chronicle

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

Job ID: 810-109384-1

Client Sample ID: SJSG-16 Sink

Lab Sample ID: 810-109384-16

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 Recoverable	Prep	200.8			104650	NB	EA SB	07/02/24 12:38
Total Recoverable	Analysis	200.8		1	104792	NB	EA SB	07/03/24 13:35

Client Sample ID: SJSG-17 Bubbler

Lab Sample ID: 810-109384-17

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	104641	CA	EA SB	07/02/24 11:22

Client Sample ID: SJSG-18 Sink

Lab Sample ID: 810-109384-18

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	104641	CA	EA SB	07/02/24 11:28

Client Sample ID: SJSG-19 WF

Lab Sample ID: 810-109384-19

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	104641	CA	EA SB	07/02/24 11:30

Client Sample ID: SJSG-20 WF

Lab Sample ID: 810-109384-20

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	104641	CA	EA SB	07/02/24 11:32

Client Sample ID: SJSG-21 Sink

Lab Sample ID: 810-109384-21

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	104641	CA	EA SB	07/02/24 11:34

Client Sample ID: SJSG-22 Sink

Lab Sample ID: 810-109384-22

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	104641	CA	EA SB	07/02/24 11:36

Eurofins Eaton Analytical South Bend

Lab Chronicle

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

Job ID: 810-109384-1

Client Sample ID: SJSG-23 Sink

Lab Sample ID: 810-109384-23

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	104642	CA	EA SB	07/02/24 11:08

Client Sample ID: SJSG-24 ICE

Lab Sample ID: 810-109384-24

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	104642	CA	EA SB	07/02/24 11:11

Client Sample ID: SJSG-25 Sink

Lab Sample ID: 810-109384-25

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	104642	CA	EA SB	07/02/24 11:13

Client Sample ID: SJSG-26 Sink

Lab Sample ID: 810-109384-26

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	104642	CA	EA SB	07/02/24 11:16

Client Sample ID: SJSG-27 Bubbler

Lab Sample ID: 810-109384-27

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	104642	CA	EA SB	07/02/24 11:19

Client Sample ID: SJSG-28 WF

Lab Sample ID: 810-109384-28

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 Recoverable	Prep	200.8			104650	NB	EA SB	07/02/24 12:38
Total Recoverable	Analysis	200.8		1	104792	NB	EA SB	07/03/24 13:37

Client Sample ID: SJSG-29 Sink

Lab Sample ID: 810-109384-29

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	104642	CA	EA SB	07/02/24 11:21

Eurofins Eaton Analytical South Bend

Lab Chronicle

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

Job ID: 810-109384-1

Client Sample ID: SJSG-30 Bubbler
Date Collected: 06/24/24 08:00
Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-30
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	104642	CA	EA SB	07/02/24 11:29

Client Sample ID: SJSG-31 WF
Date Collected: 06/24/24 08:00
Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-31
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	104642	CA	EA SB	07/02/24 11:32

Client Sample ID: SJSG-32 Sink
Date Collected: 06/24/24 08:00
Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-32
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	104642	CA	EA SB	07/02/24 11:35

Client Sample ID: SJSG-34 Sink
Date Collected: 06/24/24 08:00
Date Received: 06/25/24 09:30

Lab Sample ID: 810-109384-33
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	104642	CA	EA SB	07/02/24 11:37

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 - Spring Garden

Job ID: 810-109384-1

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

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Method Summary

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

Job ID: 810-109384-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	EA SB
200.8	Preparation, Total Recoverable Metals	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

Sample Summary

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

Job ID: 810-109384-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-109384-1	SJSG-1 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-2	SJSG-2 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-3	SJSG-3 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-4	SJSG-4 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-5	SJSG-5 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-6	SJSG-6 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-7	SJSG-7 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-8	SJSG-8 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-9	SJSG-9 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-10	SJSG-10 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-11	SJSG-11 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-12	SJSG-12 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-13	SJSG-13 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-15	SJSG-15 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-16	SJSG-16 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-17	SJSG-17 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-18	SJSG-18 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-19	SJSG-19 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-20	SJSG-20 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-21	SJSG-21 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-22	SJSG-22 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-23	SJSG-23 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-24	SJSG-24 ICE	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-25	SJSG-25 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-26	SJSG-26 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-27	SJSG-27 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-28	SJSG-28 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-29	SJSG-29 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-30	SJSG-30 Bubbler	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-31	SJSG-31 WF	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-32	SJSG-32 Sink	Drinking Water	06/24/24 08:00	06/25/24 09:30
810-109384-33	SJSG-34 Sink	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

eurofins
Environment Testing
America

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: 1064 Job #:	
Company: St. Joseph School District		PWSID:		Due Date Requested:		Analysis Requested		Preservation Codes:	
Address: 1415 North 26th Street		TAT Requested (days): Standard		Compliance Project: Δ Yes Δ No		810-109384 Chain of Custody		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify)	
City: St. Joseph		PO #:		WO #:		Project #:		her:	
State, Zip: Missouri 64506		Phone: 816-671-4000		Email: CaseyHousman@sjsd.k12.mo.us		Project Name: St. Joseph School District		Barcode	
Site: Spring Garden		SSOW#:		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (Water, Solid, Overhead, etc.)	
ST SG-1 WF		6/24/21 0800		G		W		Field Filtered Sample (Yes or No)	
ST SG-2 Sink								Perform MS, SP, AC, etc.	
ST SG-3 Sink								Total Number	
ST SG-4 Sink								Special Instructions/Note:	
ST SG-5 Bubbler Sink									
ST SG-6 Sink									
ST SG-7 Bubbler									
ST SG-8 WF									
ST SG-9 Sink									
ST SG-10 Bubbler									
ST SG-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)		Empty Kit Relinquished by: _____		Date: _____		Time: _____		Method of Shipment:	
Relinquished by: _____		Date/Time: April 14, 2024		Received by: _____		Date/Time: 6/25/24 8:00 AM		Company: EEA	
Relinquished by: _____		Date/Time: _____		Received by: _____		Date/Time: _____		Company: _____	
Relinquished by: _____		Date/Time: _____		Received by: _____		Date/Time: _____		Company: _____	
Custody Seals Intact: _____		Custody Seal No.: _____		Cooler Temperature(s) °C and Other Remarks: Ambient					

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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: 1 of 4 Job #: 1064	
Company: St. Joseph School District		PWSID:		Analysis Requested					
Address: 1415 North 26th Street		Due Date Requested:							
City: St. Joseph		TAT Requested (days): Standard							
State, Zip: Missouri 64506		Compliance Project: Δ Yes Δ No							
Phone: 816-671-4000		PO #:							
Email: CaseyHousman@sjsd.k12.mo.us		WO #:							
Project Name: St. Joseph School District		Project #:							
Site: Spring Garden		SSOW#:							

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=other)	Field Filtered Sample (Yes or No)	Total Number	Special Instructions/Note:
ST SG-1 WF	6/24/24	0800	G	W			
ST SG-2 Spark							
ST SG-3 Spark							
ST SG-4 Sink							
ST SG-5 Bubble Sink							
ST SG-6 Sink							
ST SG-7 Bubble							
ST SG-8 WF							
ST SG-9 Sink							
ST SG-10 Bubble							
ST SG-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:	
Empty Kit Relinquished by: [Signature]		Method of Shipment:	
Date/Time: Apr 14, 2024	Received by: [Signature]	Date/Time: 6/25/24 9:00 AM	Company: EEA
Date/Time:	Received by:	Date/Time:	Company:
Date/Time:	Received by:	Date/Time:	Company:

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Client Information		Sampler: Ian St. John		Lab PM:		Carrier Tracking No(s):		COC No:	
Client Contact:		Phone: 314-853-4668		E-Mail: ian@stjohnenv.com		State of Origin: MO		Page: 2 of 2	
Company: Casey Housman		Address: St. Joseph School District		PWSID:		Analysis Requested		Job #:	
City: St. Joseph		Due Date Requested:		TAT Requested (days): Standard		Compliance Project: ☐ Yes ☒ No		Preservation Codes:	
State, Zip: Missouri 64506		PO #:		WO #:		Project #:		A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
Email: 816-671-4000		SSOW#:		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Project Name: CaseyHousman@sjsd.k12.mo.us		Matrix (W=water, S=solid, O=organic, A=air)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Site: Spring Garden		Preservation Code:		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)	
Sample Identification		Field Filtered Sample (Yes or No)		Total Number of Containers		Special Instructions/Note:			
ST SG-12 Sink									
ST SG-13 Sink									
ST SG-14 Butthole									
ST SG-15 Sink									
ST SG-16 Sink									
ST SG-17 Butthole									
ST SG-18 Sink									
ST SG-19 WF									
ST SG-20 WF									
ST SG-21 Sink									
ST SG-22 Sink									
Possible Hazard Identification									
☐ Non-Hazard		☐ Flammable		☐ Skin Irritant		☐ Poison B		☒ Unknown	
☐ Deliverable Requested: I, II, III, IV, Other (specify)		☐ Radiological							
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Relinquished by:		Date/Time:		Date/Time:		Return To Client		Archive For	
Relinquished by:		Date/Time:		Date/Time:		Disposal By Lab		Months	
Relinquished by:		Date/Time:		Date/Time:		Company		Company	

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7/9/2024

Login Sample Receipt Checklist

Client: St. John Environmental Consulting

Job Number: 810-109384-1

Login Number: 109384

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	