ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/23/2024 8:16:09 AM

JOB DESCRIPTION

St. Joseph School District - Spring Garden

JOB NUMBER

810-132144-1

Eurofins Eaton Analytical South Bend 110 S Hill Street South Bend IN 46617



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

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Definitions/Glossary

Client: St. John Environmental Consulting

Project/Site: St. Joseph School District - Spring Garden

Job ID: 810-132144-1

Qualifiers

Qualifier	Qualifier I	Description

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

Glossary

LOQ

Abbreviation	These commonly used abbreviations may or may not be present in this report.
\$	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)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

Limit of Quantitation (DoD/DOE)

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

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Case Narrative

Client: St. John Environmental Consulting

Project: St. Joseph School District - Spring Garden

Job ID: 810-132144-1 Eurofins Eaton Analytical South Bend

Job Narrative 810-132144-1

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 and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided 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 12/18/2024 10:00 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.

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Detection Summary

Client: St. John Environmental Consulting

Project/Site: St. Joseph School District - Spring Garden

Job ID: 810-132144-1

Client Sample ID: SJSG-3 Sink	Lab Sample ID: 810-132144-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac	D N	Method	Prep Type
Lead	2.8	0.50	ug/L	1	_ 2	200.8	Total/NA

Client Sample ID: SJSG-28 WF	ab Sample ID: 810-132144-2
------------------------------	----------------------------

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D M	ethod	Prep Type
Lead	11		0.50		ug/L	1		8.00	Total/NA

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Client Sample Results

Client: St. John Environmental Consulting

Project/Site: St. Joseph School District - Spring Garden

Lab Sample ID: 810-132144-1

Client Sample ID: SJSG-3 Sink Date Collected: 12/13/24 08:00

Matrix: Drinking Water

Date Received: 12/18/24 10:00

Lead

Method: EPA 200.8 - Metals (ICP/MS) Analyte Result Qualifier RLMDL Unit D Prepared

2.8

Analyzed Dil Fac 12/19/24 22:07

Client Sample ID: SJSG-28 WF Lab Sample ID: 810-132144-2 Date Collected: 12/13/24 08:00

0.50

ug/L

Matrix: Drinking Water

Job ID: 810-132144-1

Date Received: 12/18/24 10:00

Method: EPA 200.8 - Metals (ICP/MS) Analyte Result Qualifier RL MDL Unit D Analyzed Dil Fac Prepared 0.50 12/19/24 22:10 Lead ug/L 11

QC Sample Results

Client: St. John Environmental Consulting Project/Site: St. Joseph School District - Spring Garden Job ID: 810-132144-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MBL 810-127415/12 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Drinking Water

Analysis Batch: 127415

	IVIDL	WIDL							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.12		0.50		ug/L			12/19/24 15:36	1

MDI MDI

Lab Sample ID: MBL 810-127415/132 Client Sample ID: Method Blank **Matrix: Drinking Water** Prep Type: Total/NA

Analysis Batch: 127415

MBL MBL Result Qualifier MDL Unit Dil Fac Analyte RL D Prepared Analyzed Lead < 0.12 0.50 ug/L 12/19/24 21:04

Lab Sample ID: LCS 810-127415/133 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Drinking Water Analysis Batch: 127415

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit Limits Lead 50.0 49.9 100 85 - 115 ug/L

Lab Sample ID: LLCS 810-127415/11 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Drinking Water Analysis Batch: 127415

LLCS LLCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits 0.300 0.307 J Lead 102 50 - 150 ug/L

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12/23/2024

QC Association Summary

Client: St. John Environmental Consulting

Project/Site: St. Joseph School District - Spring Garden

Metals

Analysis Batch: 127415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
810-132144-1	SJSG-3 Sink	Total/NA	Drinking Water	200.8	
810-132144-2	SJSG-28 WF	Total/NA	Drinking Water	200.8	
MBL 810-127415/12	Method Blank	Total/NA	Drinking Water	200.8	
MBL 810-127415/132	Method Blank	Total/NA	Drinking Water	200.8	
LCS 810-127415/133	Lab Control Sample	Total/NA	Drinking Water	200.8	
LLCS 810-127415/11	Lab Control Sample	Total/NA	Drinking Water	200.8	

Job ID: 810-132144-1

Lab Chronicle

Client: St. John Environmental Consulting

Client Sample ID: SJSG-3 Sink

Project/Site: St. Joseph School District - Spring Garden

Lab Sample ID: 810-132144-1

Matrix: Drinking Water

Job ID: 810-132144-1

Date Collected: 12/13/24 08:00 Date Received: 12/18/24 10:00

Batch Batch Batch Dilution Prepared Prep Type Туре Method Run Factor **Number Analyst** Lab or Analyzed 200.8 EA SB 12/19/24 22:07 Total/NA Analysis 127415 CA

Client Sample ID: SJSG-28 WF Lab Sample ID: 810-132144-2

Date Collected: 12/13/24 08:00 Matrix: Drinking Water

Date Received: 12/18/24 10:00

Batch Batch Dilution Batch Prepared Prep Type Method Factor Number Analyst Lab or Analyzed Type Run Total/NA 200.8 127415 CA EA SB 12/19/24 22:10 Analysis

Laboratory References:

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

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Accreditation/Certification Summary

Client: St. John Environmental Consulting

Project/Site: St. Joseph School District - Spring Garden

Job ID: 810-132144-1

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	09-30-27

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Method Summary

Client: St. John Environmental Consulting Project/Site: St. Joseph School District - Spring Garden Job ID: 810-132144-1

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

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Sample Summary

Client: St. John Environmental Consulting Project/Site: St. Joseph School District - Spring Garden Job ID: 810-132144-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
810-132144-1	SJSG-3 Sink	Drinking Water	12/13/24 08:00	12/18/24 10:00
810-132144-2	SJSG-28 WF	Drinking Water	12/13/24 08:00	12/18/24 10:00

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nt Information	Sampler:	Lab PM:	Ų.	Carrier Tracking No(s):	i NOCO
Client Contact:	lan St. John			Carrier Fracture NO(8).	COC No.
Casey Housman	314-853-4668	E-Mail:	ian@stjohnenv.com	State of Origin:	Page:
St. Joseph School District	PWSID:	Qi	Analysis Bounseton		Job #:
1415 North 26th Street	Due Date Requested:			nasara da maranta da m	Preservation Codes:
S	TAT Requested (days): Standard		7		A - HCL M - Hexane B - NaOH O ANALOS
State, Zp: Missouri 64506	Compliance Project: A Yes A No		40		
Phone: 816-671-4000			810-132144 Chain of Custody	f Custody	F - MeOH S - N2S203 F - MeOH S - H2S04
Email: CaseyHousman@sjsd.k12.mo.us	WO #:	OL NO	(o)		
Project Name: St. Joseph School District	Project #:	Say	O SOLV		K-EDTA
Spring Garden	SSOW#:	emple	W. J. W.		Other:
	Sample (C=c	Sample Matrix 66 Type (W-water, Electromp, G-mountaine)	C V G		тефитрет от
Sample Identification	0	BT=Tissue, A=Air)	194		Special Instructions/Note:
5556-3 551	12/12/12/12/12/12/12/12/12/12/12/12/12/1	Servation			
ST SG-28 WF	2	3			* Rectd unpreserved.
	>				Will preserve your
					receipt * VW
87					141181141
ST					
ر ا	→	>	2		
Possible Hazard Identification Non-Hazard Flammable Skin Irritant Poison B	Unknown Dedicionical		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	essed if samples are retain	ed longer than 1 month)
, III, IV, Other (specify)			Special Instructions/QC Requirements:	posal By Lab Arcl	hive For Months
linquished by:	Date:	Time:	9:	Method of Shipment:	
regranulating by:	DataTrima	Company	Received by:	Munn Date/Time: 3/18/	Os freduo all Koch
7	Date/Time:	Company	Received by:	Date/Time:	
	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Custody Seal No.:					

Euronns Eaton Analyitcal: South Bend

Login Sample Receipt Checklist

Client: St. John Environmental Consulting

Job Number: 810-132144-1

Login Number: 132144 List Source: Eurofins Eaton Analytical South Bend

List Number: 1

Creator: Williams, Kameron

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	

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