

innovation in creating student success through cooperative services



TO: Andrew Burlingame

FROM: Lora Dewey DATE: 12/9/19

RE: 11/15/19 Lead in Drinking Water Sampling at St. Francis

Below are the results of the follow up lead in drinking water sampling done at St. Francis School on 11/15/19. This sampling was performed to document the District's remediation efforts on the kitchen hand sink were effective (reference 10/3/19 sampling report). Follow up sample was obtained using the NYSDOH sampling guidance and analyzed by EPA 200.8, Rev., 5.4

Sample point	Results (ppb)	Notes
KitHS-1	<1	District replaced faucet

Greater Southern Tier Board of Cooperative Educational Services Serving Schuyler, Steuben, Chemung, Tioga and Allegany Counties Bush Campus: 459 Philo Road, Elmira, NY 14903 • Phone: 607-739-3581 MICROBAC[®]

Microbac Laboratories, Inc., Sayre Division

CERTIFICATE OF ANALYSIS

S9K0309

Chenango Valley CSD

Project Name: Lead Testing

Lora Dewey	Project / PO Number: N/A
221 Chenango Bridge Road	Received: 11/15/2019
Binghamton, NY 13901	Reported: 11/29/2019

Analytical Testing Parameters

Client Sample ID:	CV-SF-KHSI								
Sample Matrix:	Drinking Water					Collecte	d By: LD	-Client	
Lab Sample ID:	S9K0309-01					Collectio	on Date: 11/	15/2019 5:55	
		Analyses Subcon	tracted to: Mi	crobac Lab	oratoriae Ir				
		Analyses Subcon		CIUDAC LAD	oratories, ir	nc Dayviii			
Metals, Total - ICP/M	S	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Metals, Total - ICP/M Method: EPA 200.8, R		-						Analyzed	Analyst

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

US EPA Action Level
US EPA Maximum Contaminant Level
Milligrams per Liter
Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc Dayville	
11549	New York State Department of Health

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

nien 2012

Shannon Weeks Customer Relationship Coordinator Reported: 11/29/2019 15:48

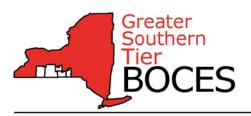
Microbac Laboratories, Inc.

Microbac Laboratories, I

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Client Information	- <u></u>			<u>AIN (</u>	<u>of</u> (US	TOD	V		s must be returned o	in ice
ame: Chenonso Valley (SD)	Billi	ng/Invoice:							MLI Wo	korder #	
Jame: Chenango Valley CSD Address: 40 GST BOCES	CVC50 -	<u>Birghanter</u> Z Burlingar	<u> </u>			Analysis	Requested	1		Receiving Info (Lab U	
	MIP Chillen	Z Burlinger	ne EPA	200,	ł						NO)
mtact: L. Durly	10/14903	0			· .		1				(NO)
none: 607 - 739-120-121 40000						·				Sample Temp:	
roject: (V-ST, Francis											NO
ANCE ID;											Ÿ
Ish TAT Bus. Days: <2 2-5 5-7 7-10	PO#:									Pickup: YES	NO
seare to DOH: Ver	Date Req.:							{ ·	•	Dropoff: C	W
will Results: Ver do we accor	hard						Î				
nail Results: Ves Clowey @ 557	Docus or a		- PI	1		<u> </u>	<u> </u>			Accepted? VES	NO
Sample Information	010		-050						·	Container Material	<i></i>
Description/Location Do		Mat				+				Container Size(in MI)	
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CV-SF-KHSI 1/15	19 555	ISD IM	graw			[w underetated	<u>.</u>	Comments/Field D	ata
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Page 2 of 2

2006 Pennslyvania Ave Sayrė, PA 18840 Phone:(570)888-0169 Fax:(570)888-0717



innovation in creating student success through cooperative services



TO: Andrew Burlingame

FROM: Lora Dewey DATE: 11/1/19

RE: 10/3/19 Lead in Drinking Water Sampling at St. Francis

Below are the results of the lead in drinking water sampling done at St. Francis School on 10/3/19. This additional sampling was performed at the District's request due to a blood-lead level concern in one of the students. All samples were obtained using the NYSDOH sampling guidance and analyzed by EPA 200.8, Rev., 5.4

Sample point	Results (ppb)	Notes
WF-Gym-right	5	New bubbler
WF-Gym-Left	9	New bubbler
WF-B-1	1	Water fountain bottom level
KitHS-1	210	Kitchen hand sink-couldn't remove aerator-already posted at sampling as non-potable. District to remediate by replacement
KitPS-1	2	Kitchen pot sink
CafeWF	<1	Water fountain in cafeteria
WF1-1	1	First floor water fountain with reservoir
WF1-2	1	Bubbler- no reservoir
NS1-1	<1	Nurse's office sink
WF2-2	2	Water Fountain-top floor

Greater Southern Tier Board of Cooperative Educational Services Serving Schuyler, Steuben, Chemung, Tioga and Allegany Counties Bush Campus: 459 Philo Road, Elmira, NY 14903 • Phone: 607-739-3581



Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse, NY 13057 Phone: 315-445-1105 Fax: 315-445-1301

TO: GST BOCES Laura Dewey

FROM: Life Science Laboratories, Inc. Quality Assurance Department

RE: Revision of Report and/or Invoice 1916811

DATE: October 28, 2019

The attached report and/or invoice was revised. The reason for the change and instructions on how it was revised is as follows:

Client has requested that their sample location IDs be used on the report.

If you have any questions regarding this change, please don't hesitate to contact us at 315-445-1105.



Life Science Laboratories, Inc.

Phone: (607) 739-3581

Dewey, Lora GST BOCES 459 Philo Rd. Elmira, NY 14903

Revised Laboratory Analysis Report Prepared for

GST BOCES

Client Project ID:

CVCSD-St.Francis-Lead Study

LSL Project ID: 1916811

Receive Date/Time: 10/03/19 9:12

Project Received by: ds02

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client. The event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. Especially for the use of advertising to the general public, is strictly prohibited without express prior written consent of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody and the Sample Receipt documents submitted with these samples are considered by LSL to be an appendix of this report and may contain data qualifiers and specific information that pertains to the samples included in this report. The analytical result(s) in this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

LSL Central Lab 5854 Butternut Drive East Syracuse, NY 13057 Tel. (315) 445-1900 Fax (315) 445-1104 NYS DOH ELAP #10248 LSL North Lab 131 St. Lawrence Avenue Waddington, NY 13694 Tel. (315) 388-4476 Fax (315) 388-4061 NYS DOH ELAP #10900 LSL Finger Lakes Lab 16 N. Main St., PO Box 424 Wayland, NY 14572 Tel. (585) 213-4090 Fax (585) 213-4192 NYS DOH ELAP LSL Southern Tier Office Cuba, NY Tel. (585) 209-4032

LSL MidLakes Office Canandaigua, NY Tel. (585) 728-3320

This report was reviewed by:

14/28/19 Date:

David J. Prichard, Director of Tech. Services

-- REVISED LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL Sa	mple ID:	1916811-0	01
Location:	Lead Study					
Sampled:	10/03/19 5:04	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Meth	od		Prep Method	Prep	Analysis	Analyst
Analyte		Result	Units	Date	Date & Time	Initials
(1) EPA 200.8, R	lev. 5.4 Metals	na a de anno 2010 mar na anna ann ann ann ann ann ann ann a	EPA 200.2			
Please ref	fer to the next page					MT

Please refer to the chain of custody form on the last page of this report for the detailed descriptions of where these samples were taken.

LSL	Life Science Laborato	ries, Inc.		Analytic	al Results
	East Syracuse, NY 13057	(315) 445-1900	State Certi	ification No: 10	248
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-WF-G1R	
Location:	CVCSD-St.Francis-Lead Study		Lab ID:	1916811-001	A
Matrix:	PWS		Collection Date:	10/03/19 5:04	
			Date Received:	10/03/19 9:12	
Analyte	Result	and Qualifiers	Units		Date Analyzed

Analyte	Result and Quanners	Units
METALS BY ICPMS	in an	EPA 200.8, Rev. 5.4
Lead	0.0056	mg/L

Qualifiers:

Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)

(EPA 200.2)

10/15/19 13:44

 ${\bf S} \quad {\bf Spike \, Recovery \, outside \, accepted \, recovery \, limits}$

*

LSL	Life Science Laborato 5854 Butternut Drive	ories, Inc.		Analytical Result
$\overline{\boldsymbol{\Sigma}}$	East Syracuse, NY 13057	(315) 445-1900	State Certi	fication No: 10248
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-WF-G1L
a a	CVCSD-St.Francis-Lead Study PWS		Lab ID: Collection Date: Date Received:	1916811-002A 10/03/19 5:05 10/03/19 9:12
Analyte	Resul	t and Qualifiers	Units	Date Analyze

0.0091

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

10/15/19 13:48

Qualifiers:

METALS BY ICPMS

Lead

* Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

LSL	Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse, NY 13057 (315) 445-1900		Analytical Results State Certification No: 10248		
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-WFB-1	
Location: Matrix:	CVCSD-St.Francis-Lead Study PWS		Lab ID:	1916811-003A	
	1 10		Collection Date: Date Received:	10/03/19 5:07 10/03/19 9:12	
Analyte	Result	and Qualifiers	Units	Date Analyzed	

0.0013

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

10/15/19 13:58

Qua	llifi	ers:

METALS BY ICPMS

Lead

* Value may exceed the Acceptable Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

10/15/19 14:01

			Date Received:	10/03/19 9:12
Matrix:	PWS		Collection Date:	10/03/19 5:11
	GST BOCES CVCSD-St.Francis-Lead Study	7	Lab ID:	1916811-004A
CLIENT:	Life Science Labs-LIMS		Client Sample ID:	CV-KitHS 1

mg/L

0.21 *

Lead

Qualifiers:

Value may exceed the Acceptable Level

- Ε Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Practical Quantitation Limit (PQL)
- Spike Recovery outside accepted recovery limits S

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Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

	East Syracuse, NY 13057	(315) 445-1900	State Certi	fication No: 10)248
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-KitPS1	
Location:	CVCSD-St.Francis-Lead Study		Lab ID:	1916811-005	A
Matrix:	PWS		Collection Date:	10/03/19 5:12	
			Date Received:	10/03/19 9:12	
Analyte	Result	and Qualifiers	Units		Date Analyzed

METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0025	mg/L	10/15/19 14:04

Qualifiers:

* Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- Analyte detected in the associated Method Blank В
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

LSL	Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse , NY 13057 (315) 445-1900		Analytical Resu	
CLIENT: Project: Location: Matrix:	Life Science Labs-LIMS GST BOCES CVCSD-St.Francis-Lead Study PWS	······································	Client Sample ID: Lab ID: Collection Date: Date Received:	<i>CV-CafeWF</i> 1916811-006A 10/03/19 5:10 10/03/19 9:12
Analyte	Result	and Qualifiers	Units	Date Analyzed

< 0.0010

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

10/15/19 14:08

lifiers:	

METALS BY ICPMS

Lead

Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

*

LSL	Life Science Laboratories, Inc. 5854 Butternut Drive		Analytical Results		
	East Syracuse, NY 13057 (315) 445-1900		State Certification No: 10248		
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-WF1-1	
Location:	CVCSD-St.Francis-Lead Study		Lab ID:	1916811-007A	
Matrix:	PWS		Collection Date:	10/03/19 5:16	
			Date Received:	10/03/19 9:12	
Analyte	Result	t and Qualifiers	Units	Date Analyzed	

0.0013

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

10/15/19 14:11

Qua	lifiers:	1
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METALS BY ICPMS

Lead

Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

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Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

Analyte		lt and Qualifiers	Units	Date Analyzed
	an a she an a she and		Date Received:	10/03/19 9:12
Location: Matrix:	CVCSD-St.Francis-Lead Study PWS		Lab ID: Collection Date:	1916811-008A 10/03/19 5:17
Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-WF1-2
	East Syracuse, NY 13057	(315) 445-1900	State Certi	fication No: 10248

METALS BY ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)
Lead	0.0017	mg/L	10/15/19 14:14

Qualifiers:

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* Value may exceed the Acceptable Level

Value exceeds the instrument calibration range Е

J Analyte detected below the PQL

- P Prim./Conf. column %D or RPD exceeds limit
- В Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 10/28/19 12:53

Page 8 of 10

LSL	Life Science Laboratories, Inc. 5854 Butternut Drive		Analytical Results	
	East Syracuse, NY 130	57 (315) 445-1900	State Certi	fication No: 10248
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-NSI-1
Location: Matrix:	CVCSD-St.Francis-Lead S PWS	Study	Lab ID: Collection Date: Date Received:	1916811-009A 10/03/19 5:15 10/03/19 9:12
Analyte		Result and Qualifiers	Units	Date Analyzed
METALS B	Y ICPMS		EPA 200.8.Rev.5.4	(EPA 200 2)

< 0.0010

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

10/15/19 14:18

Qualifiers:

* Value may exceed the Acceptable Level

Value exceeds the instrument calibration range Е

Analyte detected below the PQL J

- Prim./Conf. column %D or RPD exceeds limit Р
- Analyte detected in the associated Method Blank в
- Н Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Print Date: 10/28/19 12:53

Page 9 of 10

LSL	Life Science Labor 5854 Butternut Drive	ratories, Inc.	Analytical Results			
	East Syracuse, NY 13057	(315) 445-1900	State Cert	ification No: 10248		
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CV-WF2-2		
Location: Matrix:	CVCSD-St.Francis-Lead St PWS	udy	Lab ID: Collection Date: Date Received:	1916811-010A 10/03/19 5:20 10/03/19 9:12		
Analyte	R	esult and Qualifiers	Units	Date Analyzed		
METALS B	YICPMS		EPA 200.8,Rev.5,4	(EPA 200.2)		

0.0022

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

10/15/19 14:21

Qualifiers:

Lead

Value may exceed the Acceptable Level

- Value exceeds the instrument calibration range Ε
- J Analyte detected below the PQL
- Р Prim./Conf. column %D or RPD exceeds limit
- В Analyte detected in the associated Method Blank
- Η Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- Spike Recovery outside accepted recovery limits S

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Life Science Laboratories, Inc. Sample Receipt Checklist

LSL LIMS

Project ID 191681		Client ID:				
Shipment Number 1		SRC Completed By: jms01 Date	2: 10/4/2019 10:12:51 AM			
COC Date/Time Receiv 10/3/2019 9:12:00 AM ds02	ved By	Carrier Shipping Hand Delivered	D			
Shipping container/cooler in good condition?	Yes	Sample containers intact?	Yes			
Custody seal intact on shipping container/cooler?	N/A	Sufficient sample volume for indicated test?	Yes			
Custody seals intact on sample bottles?	N/A	All samples received within holding time?	Yes			
Chain of Custody present?	Yes	Container/Temp Blank temperature in compliance?	Yes			
COC signed when relinquished and received?	Yes	Water - VOA vials have zero headspace?	N/A			
COC agrees with sample labels?	No	Water - pH acceptable upon receipt?	N/A			
Samples in proper containers/bottles?	Yes	Water - HNO3 added to unpreserved metal sample(s) to a pH of <2?	' Yes			

Comments:	Sample 007A was identified on the chain of custody as CV-WF1-1; however, the bottle label had the identification of CV-WF2-1. The sampling time on both the bottle and the chain did match up. The identification on the chain of custody was used for this sample. Sample 008A and Sample 010A both had matching identifications of CV-WF2-2 on the sample bottles, but different sampling times. The chain of custody
Corrective Action:	Client has verified the identifications for the samples in question. The chain of custody has the correct identifications and times while the samples bottles were incorrectly labeled jms
Reviewed By:	Dr. Joseph L. Jeraci, Lead Tech. Director

Printed: Tuesday, October 08, 2019

Page 1 of 1



Life Science Laboratories, Inc. CHAIN OF CUSTODY RECORD

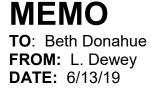
1916811

	LSL Central Lab	LSL	North Lab.	LS	L Finger L	.akes La	b	LSL Midlak	es Office	LSL S	outhern Tier Office	Invoiced_Gov_FLL	200	
	5854 Butternut Drive	131 St. L	awrence Ave.	e Ave. 16 N. Main St. 493 S. Main St.		2	4 W. Main St.	and the second sec	200					
	E. Syracuse, NY 13057	Waddingto	on, N.Y. 13694	١	Nayiand, N	VY 14572	2	Canandaigua,	NY 14424	Cu	ıba, NY 14727			
	p) 315-445-1105	p) 31	5-388-4476		p) 585-21	3-4090		p) 585-2	13-4090	p)	585-209-4032			
	f) 315-445-1301	.,	5-388-4061		f) 585-21	3-4192		f) 585-21	3-4192		Office # 2			
	,			1	bowenc@l	sl-inc.cor	m					Around Time For Rep	ort	
				-						Standard	RUSH: Pre-Aut	horization Required	*Additional ch	arges apply
Report Ad	dress:			Billing I	nformati	ion:	10 5075 55			14 DAY	Next Day*	3-Day *	to all RUSH tu	irnaround
Name:	Lora Dewey			Name:		Andre		urlingame			2-Day * 🗌	7-Day*	times	
Company:				Compan	y:	CVCS				Date Need	led or Special In	structions:		
Street:	459 Philo Rd.			Street:				ango Bride Rd	*	-				
City/State:		p: 14903		City/Stat	e/Zip:	Bingh	amte	on, NY 13901			6			
Phone:	607-739-3581			Phone						Authoriza	tion or P.O. #			
email :	Idewey@gstboces.c	org		email:							DI ES MUST RE	KEPT COLD AFTER SA	MPLING AND	
Client Pro	ject ID/Client Site ID:	CVCSD -	St. Francis								D TO THE LAB	ON ICE		
CI	ient's Sample	Sample	Sample	Ту Ту	rpe	1		Preservative		tainers		Analyses	Preservative	LSL ID#
8	lentifications	Date	Time	grab/	comp	Mati	rix	Added	#	size/type			Check	LSL ID#
	:V-WF-G1R	10/03/19	05:04 am	gr	ab	PW	S	HN03	1	p250ml		Pb, & Strins	<2	001A
Contrast of the second s	n an		and a first the second of the second			Π							<2	002A
(CV-WF-G1L	10/03/19	05:05am				100 (1997)						22	
	CV-WFB-1	10/03/19	05:07 am				(Seconda)	<u> </u>					1	003A
	CV-KitHS1	10/03/19	05:11 am										42	004A
	CV-KitPS1	10/03/19	05:12 am										<2	005A
	CV-CafeWF	10/03/19	05:10 am									Samples Preserved	42	006A
		10/03/19										Upon Receipt at Lab	42	007A
Concession of the Owner, Name of Street, or other	CV-WF1-1	10/03/19	05.10 am			-	100000000					at Lak	E.	
	CV-WF1-2	10/03/19	05:17 am			<u> </u>	ta tan "Alt						42	008A
	CV-NS1-1	10/03/19	05:15 am									Sent operation of the sentence	42	009A
	CV-WF2-2	10/03/19	05 [.] 20 am				7		₩ ₩				22	010A
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			Relinguish	Slied Dy.				Received for Lab By: Jaron Shister			10-3-19	9112		
			Shipment M					Received Intact: Y N			Sample Temp:	<u>19.5</u>		

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY*** Business and receiving hours vary by location. Please call local lab or 585-728-3320 for more info.



innovation in creating student success



RE: Summary of Lead in Drinking Water Results for St. Francis with Lab Report References

As you know, changes to the drinking water regulations for lead were driven by the Flint, MI water crisis of 2014-16. At the time, EPA's Lead & Copper Rule listed the action trigger for lead as 20 ppb; NYS DOH used 20 ppb as the action trigger for lead at the time.

After the Flint water issues came to light, NYS DOH changed the lead action trigger to 15 ppb; more conservative than the Federal regulations under EPA.

At the District's request, Lead in Drinking water sampling was performed at St. Francis school in preparation for the District's use of the building during an up-coming Capital Project. A total of seven samples were taken: all water fountains, the Nurse's office sink and kitchen taps were tested using the NYS DOH test protocols. The samples were analyzed by Life Science Laboratories, Inc. (NYS DOH ELAP#11667) using EPA Method 200.8, see LSL Project ID: 1900589. None of the sample results were at the action trigger (0>15ppb).



Life Science Laboratories, Inc.

Phone:

(607) 739-3581

Dewey, Lora GST BOCES 459 Philo Rd. Elmira, NY 14903

Laboratory Analysis Report Prepared For GST BOCES

Client Project ID:

CVCSD - St. Francis

LSL Project ID: **1900589** Receive Date/Time: 01/10/19 11:10

Life Science Laboratories, Inc. warrants, to the best of its knowledge and belief, the accuracy of the analytical test results contained in this report, but makes no other warranty, expressed or implied, especially no warranties of merchantability or fitness for a particular purpose. By the Client's acceptance and/or use of this report, the Client agrees that LSL is hereby released from any and all liabilities, claims, damages or causes of action affecting or which may affect the Client as regards to the results contained in this report. The Client further agrees that the only remedy available to the Client in the event of proven non-conformity with the above warranty shall be for LSL to re-perform the analytical test(s) at no charge to the Client. The data contained in this report are for the exclusive use of the Client to whom it is addressed, and the release of these data to any other party, or the use of the name, trademark or service mark of Life Science Laboratories, Inc. This report may only be reproduced in its entirety. No partial duplication is allowed. The Chain of Custody and the Sample Receipt documents submitted with these samples are considered by LSL to be an appendix of this report are only representative of the sample(s) submitted for analysis. LSL makes no claim of a sample's representativeness, or integrity, if sampling was not performed by LSL personnel.

LSL Central Lab 5854 Butternut Drive East Syracuse, NY 13057 Tel. (315) 445-1900 Fax (315) 445-1104 NYS DOH ELAP #10248 LSL North Lab 131 St. Lawrence Avenue Waddington, NY 13694 Tel. (315) 388-4476 Fax (315) 388-4061 NYS DOH ELAP #10900

LSL Finger Lakes Lab 16 N. Main St., PO Box 424 Wayland, NY 14572 Tel. (585) 728-3320 Fax (585) 728-2711 NYS DOH ELAP #11667 LSL Southern Tier Office Cuba, NY Tel. (585) 209-4032

LSL MidLakes Office Canandaigua, NY Tel. (585) 728-3320

Reviewed by

David J. Prichard, Director of Tech. Services

Date: ____/18/19_____

-- LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL Sam	ple ID:	1900589-0	01
Location:	CVCSD - St. Franc	is (CV-SF-WF4)				
Sampled:	01/10/19 5:50	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Meth Analyte	od	Result	Prep Method Units	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 200.8, Re	ev. 5.4 Metals		EPA 200.2			
Please ref	er to the next page					MT

LSL	Life Science Lab 5854 Butternut Drive East Syracuse , NY 130			Analytical Results
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CVCSD - St. Francis (CV-SF- WF4)
Location: Matrix:	CVCSD - St. Francis PWS		Lab ID: Collection Date: Date Received:	1900589-001A 01/10/19 5:50 01/10/19 11:10
Analyte		Result and Qualifiers	Units	Date Analyzed
METALS B	YICPMS		EPA 200.8, Rev. 5.4	(EPA 200.2)

mg/L

0.0045

METALS
Lead

Qualifiers:

* Value may exceed the Acceptable Level

- Е Value exceeds the instrument calibration range
- Analyte detected below the PQL J
- Р Prim./Conf. column %D or RPD exceeds limit
- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- ND Not Detected at the Practical Quantitation Limit (PQL)
- Spike Recovery outside accepted recovery limits S

Print Date: 01/18/19 11:29

01/17/19 12:01

-- LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL Sam	ple ID:	1900589-0	002
Location:	CVCSD - St. Franci	is (CV-SF-WF3)				
Sampled:	01/10/19 5:53	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Metheral Metheral Analyte	od	Result	Prep Method Units	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 200.8, Re	ev. 5.4 Metals		EPA 200.2			
Please ref	er to the next page					MT

LSL	Life Science Labo 5854 Butternut Drive	oratories, Inc.	Analytical Results State Certification No: 10248			
KZ	East Syracuse, NY 130	57 (315) 445-1900				
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CVCSD - St. Francis (CV-SF- WF3)		
Location:	CVCSD - St. Francis		Lab ID:	1900589-002A		
Matrix:	PWS		Collection Date:	01/10/19 5:53		
			Date Received:	01/10/19 11:10		
Analyte		Result and Qualifiers	Units	Date Analyzed		

0.0021

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

01/11/19 16:25

METALS BY ICPMS

Lead

Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

*

-- LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL Sam	ple D:	1900589-0	03
Location:	CVCSD - St. Franci	s (CV-SF-200B)				
Sampled:	01/10/19 5:53	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Meth	od		Prep Method	Prep	Analysis	Analyst
Analyte		Result	Units	Date	Date & Time	Initials
(1) EPA 200.8, Re	ev. 5.4 Metals		EPA 200.2			
Please refer to the next page						MT

LSL	Life Science Lab 5854 Butternut Drive East Syracuse , NY 130		On State Certification No: 10248			
CLIENT: Project:	Life Science Labs-LIMS GST BOCES	anna (, an air an anna an anna an anna anna ann	Client Sample ID:	CVCSD - St. Francis (CV-SF- 200B)		
Location: Matrix:	CVCSD - St. Francis PWS		Lab ID: Collection Date:	1900589-003A 01/10/19 5:53		
			Date Received:	01/10/19 11:10		
Analyte		Result and Qualifiers	Units	Date Analyzed		
METALS B	Y ICPMS		EPA 200.8,Rev.5.4	(EPA 200.2)		

mg/L

0.0041

Qualifiers:

Lead

Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- Analyte detected below the PQL J
- Prim./Conf. column %D or RPD exceeds limit Р
- Analyte detected in the associated Method Blank В
- Holding times for preparation or analysis exceeded Н
- Not Detected at the Practical Quantitation Limit (PQL) ND
- S Spike Recovery outside accepted recovery limits

*

01/11/19 16:29

-- LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL San	ple ID:	1900589-0	04
Location:	CVCSD - St. France	is (CV-SF-WF1)				
Sampled:	01/10/19 5:58	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Meth	od		Prep Method	Prep	Analysis	Analyst
Analyte		Result	Units	Date	Date & Time	Initials
(1) EPA 200.8, Re	ev. 5.4 Metals		EPA 200.2			
Please ref	er to the next page					MT

LSL	Life Science Lab 5854 Butternut Drive	Science Laboratories, Inc. Butternut Drive		Analytical Results
K Z	East Syracuse, NY 130	057 (315) 445-1900	State Certi	ification No: 10248
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CVCSD - St. Francis (CV-SF- WF1)
Location:	CVCSD - St. Francis		Lab ID:	1900589-004A
Matrix:	PWS		Collection Date:	01/10/19 5:58
			Date Received:	01/10/19 11:10
Analyte		Result and Qualifiers	Units	Date Analyzed
				(504.000.0)

 METALS BY ICPMS
 EPA 200.8, Rev. 5.4
 (EPA 200.2)

 Lead
 0.0019
 mg/L
 0'

Qua	16	fi	~		c	
Qua		11	e	r	5	

* Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

01/11/19 16:32

-- LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL San	nple ID:	1900589-0	05
Location:	CVCSD - St. Franc	is (CV-SF-KS1)				
Sampled:	01/10/19 6:00	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Metho Analyte	od	Result	Prep Method Units	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 200.8, Re	ev. 5.4 Metals fer to the next page		EPA 200.2			MT

LSL	Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse, NY 13057 (315) 445-1900		Analytical Results State Certification No: 10248		
CLIENT: Project: Location: Matrix:	Life Science Labs-LIMS GST BOCES CVCSD - St. Francis PWS		Client Sample ID: Lab ID: Collection Date: Date Received:	<i>CVCSD - St. Francis (CV-SF- KS1)</i> 1900589-005A 01/10/19 6:00 01/10/19 11:10	
Analyte	<u> </u>	Result and Qualifiers	Units	Date Analyzed	

0.0017

EPA 200.8, Rev. 5.4

mg/L

(EPA 200.2)

01/11/19 16:35

-				
Ona	lit	fie	rs:	

METALS BY ICPMS

Lead

Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

*

-- LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL San	nple ID:	1900589-0	06
Location:	CVCSD - St. France	is (CV-SF-KS2)				
Sampled:	01/10/19 6:00	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Metho Analyte	od	Result	Prep Method Units	Prep Date	Analysis Date & Time	Analyst Initials
7) EPA 200.8, Re	ev. 5.4 Metals		EPA 200.2			
Please ref	er to the next page					MT

LSL	Life Science Labo 5854 Butternut Drive	oratories, Inc.	Analytical Results			
	East Syracuse, NY 13057 (315) 445-1900		State Certification No: 10248			
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CVCSD - St. Francis (CV-SF- KS2)		
Location:	CVCSD - St. Francis		Lab ID:	1900589-006A		
Matrix:	PWS		Collection Date:	01/10/19 6:00		
			Date Received:	01/10/19 11:10		
Analyte		Result and Qualifiers	Units	Date Analyzed		
·····						

 METALS BY ICPMS
 EPA 200.8, Rev. 5.4
 (EPA 200.2)

 Lead
 0.0028
 mg/L
 01/11/19 16:45

Oua	1143	ares

Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

*

-- LABORATORY ANALYSIS REPORT --

		GST BOCES	Elmira, NY			
Sample ID:	GST BOCES		LSL Sam	ple ID:	1900589-0	07
Location:	CVCSD - St. Franci	s (CV-SF-CafeWF)				
Sampled:	01/10/19 6:03	Sampled By: LD				
Sample Matrix:	PWS					
Analytical Methorem Analyte	od	Result	Prep Method Units	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 200.8, Re	ev. 5.4 Metals		EPA 200.2			
Please ref	er to the next page					MT

LSL	Life Science Labo 5854 Butternut Drive		Analytical Result			
	East Syracuse, NY 130	57 (315) 445-1900				
CLIENT: Project:	Life Science Labs-LIMS GST BOCES		Client Sample ID:	CVCSD - St. Francis (CV-SF- CafeWF)		
Location:	CVCSD - St. Francis		Lab ID:	1900589-007A		
Matrix:	PWS		Collection Date:	01/10/19 6:03		
			Date Received:	01/10/19 11:10		
Analyte		Result and Qualifiers	Units	Date Analyzed		

< 0.0010

EPA 200.8, Rev. 5.4

mg/L

METALS BY ICPMS

Lead

Value may exceed the Acceptable Level

- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)

(EPA 200.2)

01/11/19 16:49

S Spike Recovery outside accepted recovery limits

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LSL				Life Science Laboral CHAIN OF CUSTODY REC								-				1900589		Rush			
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	E. Syracuse, NY 13057 p) 315-445-1105			n, N.Y. 13694 88-4476	476 p) 585-728- 332							r 6a - T				ŝ		200			
	f) 315-445-1301	• •		38-4061						f) 585-728-2711			Office # 2				and the second		***		
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Name: Time Sitter Loza Deviery															Date Needed or Special Instructions: ChenangoForks Centre						
Company: GST BOCES														School: John Silvanic silvenicj@cforke.org Chanenfo							
Street:	459 Philo Rd. Elmira NY	-	Zip: 14903							Send bill to Grearge Flock @					Valley Untra						
City/State: Phone:	607-739-3581	Fax:								Autho	orizati	on or P.O. #		Schoo	51 I	Distric					
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** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a limely manner in PLN ONE Business and receiving hours vary by location. Please call local lab or 585-728-3320 for more info.

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LSL				Life Science Laboratories, Inc. CHAIN OF CUSTODY RECORD 1900589												
	LSL Central Lab LSL North Lab. 5854 Butternut Drive 131 St. Lawrence Ave. E. Syracuse, NY 13057 Waddington, N.Y. 13694 p) 315-445-1105 p) 315-388-4476 f) 315-388-4061							LSL Midla 493 S. Ma Canandaigu p) 585-728 f) 585-728-	24 W.	Main \$ NY 14 -209-4	727	invoiced_Gov_FLL 200				
Report Address: Name: Tim Gilbert- Loza Dewey									or 585-704-6973			2-Day * 🗌 7-	Day * Day*	may ap		
Street: City/State: Phone:	GST BOCES 459 Philo Rd. Elmira NY 607-739-3581	1.2			Fax:	: <u>14903</u> :			······································	Sehoo	l: Jo d	ed or Special Instruct hn Silvanic Silvenic bill to George ion or P.O. #	j@cforks.org	@ Vaile		
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On Ice

*** All areas of this Chain of Custody Record MUST be filled out in order to process samples in a timely manner IN PEN ONLY*** Business and receiving hours vary by location. Please call local lab or 585-728-3320 for more info.