

Eric Mailki Freeport Area School District PO Box C Freeport, PA 16229

RE: Buffalo Elementary Legionella

Order No: 20L0365

Dear Eric Mailki,

CWM Environmental Cleveland, LLC. received sample(s) on 12/30/2020 for the analyses presented in the following report.

There were no problems with the analytical results associated with this report, unless otherwise noted in an attached Case Narrative. Quality Control data is within laboratory defined method(s) and specified acceptance limits, unless otherwise noted within the attached Case Narrative.

Solid Samples are reported in µg/Kg or mg/Kg as received, unless specified in the units section of the report as dry weight, indicated as: µg/Kg-dry or mg/Kg-dry.

If you have any questions regarding these test results, please feel free to call.

Certifications:

- 1. Varies with analyst Lab 4041
- 2. NELAP FLDOH Laboratory E871150
- 3. 2019-2020 DMRQA Parameter

VAP - Ohio EPA Voluntary Action Program LabID # CL107

Disclaimer: If no cert appears in the Cert column, no certification should be assumed. Subcontracted analytes ran under the associated laboratory scope of accreditation.

Sincerely,

hereba (



4450 Johnston Parkway - Unit B Cleveland, OH 44128 TEL: (216) 663-0808 FAX: (216) 663-0656 Website: www.cwmenvironmental.com

Analytical Report

WO#: 20L0365

Date Reported:

01/25/2021

Work Order Case Narrative

C		СИ	Report 20L0365						
	ENVIRONMENTAL	V	vebsne. w	ww.cwiiie	environmenta	1.0011	Dat	e Reported:	01/25/2021
Clie	ent: Freeport Area School District					Collect	ion: 12/29		
Pro	ject: Buffalo Elementary Legionella								
Sar	nple Number: 20L0365-01					Matrix:	Drinking \	Water	
Sar	nple: Kitchen Hand Sink								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Date Analyzed	
	Microbiology			Pre	ep: IDEXX L	egiolert		Analyst	: RET
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00

C		СИ) Johnsto	l Cleveland, In Parkway - L eveland, OH 4	An	Report						
	\sim		TEL: (216) 663-0808 WO#: FAX: (216) 663-0656 Wobsite: www.cwmenvironmental.com										
	ENVIRONMENTAL	V	Vebsite: w	01/25/2021									
	ent: Freeport Area School District oject: Buffalo Elementary Legionella					Collection: 12/29/2020 10:03							
Sa	mple Number: 20L0365-02					Matrix:	Drinking	Water					
Sai	mple: Special Education Pod												
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed				
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET				
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		12/30/2020 13:00					

C		СИ	/ M Enviro 4450	o nmental O Johnstol Clé	An	Analytical Repo			
	\sim				.: (216) 663- X: (216) 663-		WC)#:	20L0365
	ENVIRONMENTAL	V	01/25/2021						
Clie	ent: Freeport Area School District								
Pro	ject: Buffalo Elementary Legionella								
Sar	mple Number: 20L0365-03					Matrix:	Drinking	Water	
Sar	nple: 1st/2nd Grade Pod								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology	Prep: IDEXX Legiolert					Analyst: RET		
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00

C		СИ		0 Johnstor	l Cleveland, n Parkway - L eveland, OH A	An	Report		
	\sim				.: (216) 663-0 X: (216) 663-		wo)# :	20L0365
	ENVIRONMENTAL	V	Vebsite: w	ww.cwme	environmenta	l.com	Da	te Reported:	01/25/2021
Clie	ent: Freeport Area School District					Collect	ion: 12/29	/2020 10:08	
Pro	iject: Buffalo Elementary Legionella								
Sar	mple Number: 20L0365-04					Matrix:	Drinking	Water	
Sar	nple: 2nd/3rd Grade Pod								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology			Pre	ep: IDEXX L	egiolert		Analyst	: RET
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00

C		CWM Environmental Cleveland, LLC. 4450 Johnston Parkway - Unit B Cleveland, OH 44128 TEL: (216) 663-0808 FAX: (216) 663-0656 Website: www.cwmenvironmental.comAnalytical ReWO#:1Date Reported:1								
Clie	ent: Freeport Area School District					Collect	ion: 12/29	/2020 10:12		
Pro	ject: Buffalo Elementary Legionella									
Sar	nple Number: 20L0365-05					Matrix:	Drinking V	Nater		
Sar	nple: Kindergarten Pod									
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed	
	Microbiology			Pre	ep: IDEXX L	egiolert		Analys	t: RET	
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1	1 IDEXX Legiolert 12/30/2		12/30/2020 13:00	



Analytical Report

WO#: 20L0365 Date Reported:

01/25/2021

[TOC_1]Work Docum îmages/TOC)

DF: Dilution factor; the dilution factor applied to the prepared sample.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

LCS: Laboratory Control Sample; prepared by adding a known amount of target analytes to a specified amount of clean matrix and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: A duplicate LCS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

MB: Method Blank; a sample of similar matrix that does not contain target analytes or interference that may impact the analytical results and is processed simultaneously with, and under the same conditions, as samples through all steps of the analytical procedure, used to assess and verify that the analytical process is free of contamination.

MDL: Method Detection Limit; The lowest concentration of an analyte that can be detected by the method in the applicable matrix.

MS: Matrix Spike; prepared by adding a known amount of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC).

MSD: A duplicate MS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

%REC: Percent Recovery of a known spike (SPK); a measure of accuracy expressed as a percentage of a measured (recovered) concentration compared to the known concentration (SPK) added to the sample. This is compared to the Low acceptable and High Limits.

%RPD: Relative Percent Difference; a measure of precision expressed as a percentage of the difference between two duplicates relative to the average concentration. This is compared to the RPD Limit.

PL: Permit limit:; Not included on all reports. Used primarily for NPDES wastewater and POTW discharge permits.

POL: Practical Quantitation Limit; The lowest verified limit to which data is quantified without qualifications. Analyte concentrations below PQL are reported either as ND or as a number with a "J"qualifier. Also known as the Reporting Limit (RL).

Qual: Qualifier that applies to the analyte reported.

SPK: Spike; used in the QC section for both SPK Value and SPK Ref Val.

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	4450 Johnston Parkway, Unit B · Cle (216) 663 0808 · FAX (216)	eveland, OH 441	128						L	•••		.			a 1111 5				
COMPANY NAM			NTACT:	E	ric Mai	lki		× Cheo								÷			
ADDRESS:		PO Box C																	
CITY:	Freeport	STATE:	PA	1	η	16229		ADDRES											
PHONE No.	7242955141 ext 1251			ZIP		10229			- <u></u>					STA1	ΓE	ZIF)		
EMAIL:		FAX No.		0.010.00				Phone N	lo.					FAX	No.				
	maintainta ano oport. KTZ. pa.us			egionel	la		F	PO No.						QUO	TE No.				
	ay (STD) [*] RUSH: ⊡1 Day ⊡2 Day ⊡5 Da [*] RUSH REQUESTS MA	y Auth. Signatur	e								AN				0700				
Special Instr	uctions & QC Requirements	AT INCUR SURC	HARGES									4113	IS RE	QUE	STED				
				TEMP °C	8.1														\Box
Buffal				VIS, ICE	YES /	NO	×	۲											1
Sam	ple Disposal 🛛 Return to Client 🗆 🛛	Disposal by Lab	□ Archive fo	r M	ds.	i	WALKIX	Legiolert				1							
No.	SAMPLE IDENTIFICATION	DATE	TIME	СМР	GRAB	No. CONT	M	Fe	-										
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$\frac{3}{4}$ 1st/	2nd Grade Pod		1006	-				╆╼┾╼											┣—
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AMPLERS	RELINQUISHED BY		DATE 12-30-20	TIME 9.'4	10	RECEIVED	BY	//		REL	INQUIS	HED BY				DAT	E	TIME	
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Page 9 of 10

ENVIRONMENTAL	S	ample R	eceipt Checklist	Form 244 Rev#: 1 5/21/10
	Work	Order No	2010365	
~ 26	☐ Yes	Ď No ⊥		
Date & Time Received: 12-20-20	Check	dist By:	<u> </u>	
Date & Time Logged In: $12 - 30 - 310$	Logge	ed In By:	JC,	
Date & Time Reviewed:	Review	wed By:		
Carrier Name: CWM UPS FedEx] Client 🗌	Other/Trackin	алиниканан каланан кала 19 <i>4</i> -	Sannan ang an ang ang ang ang ang ang ang
Samples Analyzed In House? 🛛 Yes 🛛 No	Subbed			
Is Chain Of Custody Present?		Yes	□ No	
Is Chain Of Custody Properly Filled Out?		Z Yes	🗆 No	
Does Chain Of Custody Match Sample Labels?	-	Ý Yes	□ No	
Are Samples Past Hold Time?	-	☐ Yes	⊠ No	
Are Samples In Proper Containers?	, Yes		Intact? 🗹 Yes	🗆 No
No. Of Containers?	c 🗌 Baggie		ro 🗆 Tedlar 🗌 Other	
When Applicable, Is Headspace Present?			Provided 🗌 Yes 🗌 No	
Matrix: Aqueous I Liquid I Sludge I Solid	⊐ Oil È∫Drii	nking Water 🗌	Soil 🗌 Gas 🗌 Other	
0-1-0 KH 1	Yes	🗆 No	□ NA	
Are Samples Preserved?	íes	🗆 No		
Chlorine detected? (for EPA 608/625 only):	/es	🗆 No		
Metals Hardness 🗌 HN03	CN	🗌NaOH		
CODNH3PhenolTOCTK	N/TON	_ Phos Ň	lo2No3 Total Nitrogen	□H2S04
Sulfide INaOH & ZnAcetate	Other			
Field Data:	Manager and Street of Stre	lor 🗌 Odor 🔲 1	urbidity D Other	
Explanation of Comments & Problems:		Baser	d on client knowledge and in coo sted Waste (Lists: F, K, P and U p sample determination:	rdination with er CFR 40) [.]



Eric Mailki Freeport Area School District PO Box C Freeport, PA 16229

RE: High School Legionella

Order No: 20L0361

Dear Eric Mailki,

CWM Environmental Cleveland, LLC. received sample(s) on 12/30/2020 for the analyses presented in the following report.

There were no problems with the analytical results associated with this report, unless otherwise noted in an attached Case Narrative. Quality Control data is within laboratory defined method(s) and specified acceptance limits, unless otherwise noted within the attached Case Narrative.

Solid Samples are reported in µg/Kg or mg/Kg as received, unless specified in the units section of the report as dry weight, indicated as: µg/Kg-dry or mg/Kg-dry.

If you have any questions regarding these test results, please feel free to call.

Certifications:

- 1. Varies with analyst Lab 4041
- 2. NELAP FLDOH Laboratory E871150
- 3. 2019-2020 DMRQA Parameter

VAP - Ohio EPA Voluntary Action Program LabID # CL107

Disclaimer: If no cert appears in the Cert column, no certification should be assumed. Subcontracted analytes ran under the associated laboratory scope of accreditation.

Sincerely,

hereba (



4450 Johnston Parkway - Unit B Cleveland, OH 44128 TEL: (216) 663-0808 FAX: (216) 663-0656 Website: www.cwmenvironmental.com

Analytical Report

WO#: 20L0361

Date Reported:

01/25/2021

Work Order Case Narrative

C		СИ) Johnstol	l Cleveland, n Parkway - U eveland, OH 4	An	Report						
	\sim			TEL	L: (216) 663-0 X: (216) 663-	0808	wo	D#:	20L0361				
	ENVIRONMENTAL	Website: www.cwmenvironmental.com Date Reported: 0											
	ent: Freeport Area School District ject: High School Legionella					Collect	ion: 12/29)/2020 09:02					
Sar	mple Number: 20L0361-01					Matrix:	Drinking	Water					
Sar	nple: Front Entrance Mens Room												
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed				
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET				
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1	IDEXX Legiolert 12/30/202						

C		СИ	/ M Enviro 4450) Johnsto	Analytical Report				
	\sim			TEL	eveland, OH 4 L: (216) 663-0 X: (216) 663-	0808	wo)# :	20L0361
	ENVIRONMENTAL	ν	Vebsite: w	ww.cwme	environmentai	l.com	Da	te Reported:	01/25/2021
	ent: Freeport Area School District ject: High School Legionella					Collect	tion: 12/29	/2020 09:03	
Sai	mple Number: 20L0361-02					Matrix:	Drinking	Water	
Sai	mple: Library Mens Room								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00

C		СИ) Johnstoi	i Cleveland, n Parkway - U eveland, OH 4	Analytical Report			
	\sim			TEL	.: (216) 663-0 X: (216) 663-0	0808	wo	D#:	20L0361
	ENVIRONMENTAL	V	01/25/2021						
Pro	ent: Freeport Area School District oject: High School Legionella					Collect	ion: 12/29	9/2020 09:06	
Sar	mple Number: 20L0361-03					Matrix:	Drinking	Water	
Sar	mple: Science Wing Mens Room								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET
2	Legionella pneumophila Group								12/30/2020 13:00

C		СИ) Johnstor	' Cleveland, n Parkway - L veland, OH 4	Analytical Report			
	\sim				: (216) 663-0 K: (216) 663-		WC)#:	20L0361
	ENVIRONMENTAL	И	Vebsite: w		nvironmental		Dat	e Reported:	01/25/2021
	ent: Freeport Area School District oject: High School Legionella					Collect	ion: 12/29	/2020 09:08	
	mple Number: 20L0361-04					Matrix:	Drinking \	Nater	
Sa	mple: Student Entrance Mens Room								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00

C		СИ) Johnstor	l Cleveland, n Parkway - L veland, OH 4	Unit B	An	alytical	Report	
	\sim				.: (216) 663-0 X: (216) 663-		wo)# :	20L0361	
	ENVIRONMENTAL	V	Vebsite: w	ww.cwme	environmenta	l.com	Dat	te Reported:	01/25/2021	
	ent: Freeport Area School District bject: High School Legionella					Collect	ion: 12/29	/2020 09:12		
	mple Number: 20L0361-05					Matrix:	Drinking '	Water		
Sar	mple: Kitchen Hand Sink									
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed	
	Microbiology			Pre	ep: IDEXX L	egiolert		Analyst	: RET	
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1	IDEXX Legiolert		12/30/2020 13:00	



Analytical Report

WO#: 20L0361 Date Reported:

01/25/2021

[TOC_1]Work Docum îmages/TOC)

DEFINITIONS:

DF: Dilution factor; the dilution factor applied to the prepared sample.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

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Qual: Qualifier that applies to the analyte reported.

SPK: Spike; used in the QC section for both SPK Value and SPK Ref Val.

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	4450 Johnston Parkway, Unit B	· Cleveland, Ol	44128									1		13 .								
	(216) 663 0808 · FAX (2	216) 663 0656							×с	heck	Լ if է	_										
	ME: Freeport Area SI		CONTACT		E	iric Ma	ilki		INVC	ICE T	0					·						
ADDRESS:		PO Box	(C						ADDI	RESS											_	
CITY:	Freeport	ST	ATE:	PA	ZIP	1	16229		CITY						-		STAT	E	ZI			
PHONE No.	7242955141 ext 1251	FAX	No.		-l				Phor	ne No.							FAX					
EMAIL:	mailki@freeport.k12.pa.us	PROJECT ID:	<u></u>	L	egione	lla –			PO N								L	TE No.				
	ay (STD) [*] RUSH: □1 Day □2 Day □	5 Dav Auth, Sig	nature				-		<u> </u>	_			··					L. NU,				
	*RUSH REQUESTS	B MAY INCUR S	SURCHARG	ES	-				1					ANA	LYSI	S RE	QUE	STED				
Special Inst	ructions & QC Requirements				TEMP °C	81	1	Γ		1	T	Т	<u> </u>	-		T	<u> </u>	1-1			<u> </u>	Τ-
High	School					<u></u>]	1	.													
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0.	SAMPLE IDENTIFICATION	DA	TE	TIME	CMP	GRAB	CONT								ĺ							
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	RELINQUISHED	₹6	DATE		TIME		RECEIVE	DINL	ABÓR	ATOR	YBY			1	74	at the second		- CARLED AND AND AND AND AND AND AND AND AND AN	DAT	F 30/W	TIME	
			<u> </u>		_									Ύ					ľ H	34 U	127	0

	Sample	e Receip	t Checklis	Form 244 Rev#: 1 5/21/10
Environmental	Work Order No.		2010361	
RUSH: D	∕es I⊉ No			
Date & Time Received: 12-30-20	Checklist By:	G	·	
Date & Time Logged In: 12-30 - 20	Logged In By:	<u> </u>	<u> </u>	
Date & Time Reviewed:	Reviewed By:	·		
Carrier Name: CWM UPS FedEx C	Client 🗌 Other/Tra	acking #		
Samples Analyzed In House? 🗹 Yes 🛛 No	Subbed To			
Is Chain Of Custody Present?	Γ Yε	25	No .	
Is Chain Of Custody Properly Filled Out?	(// Ye	s	🗆 No	
Does Chain Of Custody Match Sample Labels?	Ø Ye	s	□ No	、
Are Samples Past Hold Time?	·	S	Й No	
Are Samples In Proper Containers?	s 🗆 No	Intact?	∕ ∕Ĺ Yes	🗆 No
No. Of Containers? <u>5</u> Glass Plastic	∃ Baggie □ VOA ঢ়			
When Applicable, Is Headspace Present?	(SDS Provided		
Matrix: 🛛 Aqueous 🗆 Liquid 🗔 Sludge 🗔 Solid 🗔 (Dil 🗹 Drinking Wate	er 🗋 Soil 🗋 G	as 🗌 Ofher	
On Ice?S_4∘C Yes			□ NA	
Are Samples Preserved?	🗆 No			
Chlorine detected? (for EPA 608/625 only):	□ No			
Metals Hardness 🛛 HN03	CN □Na	aOH		
CODNH3PhenolTOCTKN/T	ron Phos	No2No3	Total Nitrogen_	🗆 H2S04
Sulfide INaOH & ZnAcetate	Other			
Field Data: 🗌 pH 🗌 Temp 🗌 Flow 🗌 TRC 🗌 TRC Lo	ow 🗌 Color 🗋 Odd	or ⊡Turbiditv [Other	
Explanation of Comments & Problems:		Based on client Listed Wast	knowledge and in co e (Lists: F, K, P and U ample determination	per CFR 40)

НS



Eric Mailki Freeport Area School District PO Box C Freeport, PA 16229

RE: Administration Legionella

Order No: 20L0360

Dear Eric Mailki,

CWM Environmental Cleveland, LLC. received sample(s) on 12/30/2020 for the analyses presented in the following report.

There were no problems with the analytical results associated with this report, unless otherwise noted in an attached Case Narrative. Quality Control data is within laboratory defined method(s) and specified acceptance limits, unless otherwise noted within the attached Case Narrative.

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If you have any questions regarding these test results, please feel free to call.

Certifications:

- 1. Varies with analyst Lab 4041
- 2. NELAP FLDOH Laboratory E871150
- 3. 2019-2020 DMRQA Parameter

VAP - Ohio EPA Voluntary Action Program LabID # CL107

Disclaimer: If no cert appears in the Cert column, no certification should be assumed. Subcontracted analytes ran under the associated laboratory scope of accreditation.

Sincerely,

hereoa (



4450 Johnston Parkway - Unit B Cleveland, OH 44128 TEL: (216) 663-0808 FAX: (216) 663-0656 Website: www.cwmenvironmental.com

Analytical Report

WO#: 20L0360

Date Reported:

01/25/2021

[TOC_1]Case Narrath Work Order[TOC]

C		СИ	/ M Enviro 4450	o nmental) Johnstol Cle	An	alytical	Report			
	\sim				.: (216) 663-0 X: (216) 663-		WC)# :	20L0360	
	ENVIRONMENTAL	V	Vebsite: w	ww.cwme	environmenta	l.com	Dat	te Reported:	01/25/2021	
Clie	ent: Freeport Area School District					Collect	ion: 12/29	/2020 09:45		
Pro	ject: Administration Legionella									
Sar	mple Number: 20L0360-01					Matrix:	Drinking V	Water		
Sar	mple: Kitchenette									
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed	
	Microbiology			Pre	ep: IDEXX L	egiolert		Analyst	: RET	
2	Legionella pneumophila Group	<0.100 0.100 0.100 MPN/mL 1 IDEXX Legiolert 12/30/202								



Analytical Report

WO#: 20L0360 Date Reported:

01/25/2021

[TOC_1]Work Docum îmages/TOC)

DF: Dilution factor; the dilution factor applied to the prepared sample.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

LCS: Laboratory Control Sample; prepared by adding a known amount of target analytes to a specified amount of clean matrix and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: A duplicate LCS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

MB: Method Blank; a sample of similar matrix that does not contain target analytes or interference that may impact the analytical results and is processed simultaneously with, and under the same conditions, as samples through all steps of the analytical procedure, used to assess and verify that the analytical process is free of contamination.

MDL: Method Detection Limit; The lowest concentration of an analyte that can be detected by the method in the applicable matrix.

MS: Matrix Spike; prepared by adding a known amount of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC).

MSD: A duplicate MS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

%REC: Percent Recovery of a known spike (SPK); a measure of accuracy expressed as a percentage of a measured (recovered) concentration compared to the known concentration (SPK) added to the sample. This is compared to the Low acceptable and High Limits.

%RPD: Relative Percent Difference; a measure of precision expressed as a percentage of the difference between two duplicates relative to the average concentration. This is compared to the RPD Limit.

PL: Permit limit:; Not included on all reports. Used primarily for NPDES wastewater and POTW discharge permits.

POL: Practical Quantitation Limit; The lowest verified limit to which data is quantified without qualifications. Analyte concentrations below PQL are reported either as ND or as a number with a "J"qualifier. Also known as the Reporting Limit (RL).

Qual: Qualifier that applies to the analyte reported.

SPK: Spike; used in the QC section for both SPK Value and SPK Ref Val.

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CON	IPANY NAME:	Freepor	rt Area SD	CONT	ACT:	Er	ic Mail	ki		INVOIC	E TO									·	· ·		
ADI	RESS:			PO Box C				. ,		ADDRE	ESS								F				
CITY	1	Freeport		STATE:	PA	ZIP		16229		CITY							STAT		Ž	ZIP			
PHC	NE No.	7242955141 ext	1251	FAX No.						Phone							FAX						
EMA	L: <u>mai</u>	ilki@freeport.k12.p	Da.us Proji	ECT ID:	Le	gionel	la			PO No.				4			QUO	TE No.				والمراجع والمراجع	
T/	T ⊡10 Day (S	TD)*RUSH: □1 Day [⊐2 Day ⊡5 Day A EQUESTS MAY I	uth. Signature						ANALYSIS REQU							EQUE	QUESTED					1
Sp	ecial Instructi	ons & QC Requireme			ARGES	TEMP °C	C II	•		L											T		
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	Admini	<u>Stration</u> Disposal □ Return			YÊS/	NO	MATRIX	Legiolert															
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No.		SAMPLE IDENTIFICATIO	N	DATE	TIME	CMP	GRAB	CONT										-					
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Page 5 of 6

EWM	Sample	e Receipt Checkli	Form 244 Rev#: 1 5/21/10
ENVIRENTAL	Work Order No.	2010360	
RUSH	l: .□Yes ☑No		
Date & Time Received: 12.30,20	Checklist By:	- JG	
Date & Time Logged In: 12-30 20	Logged in By:	G	
Date & Time Reviewed:	Reviewed By:		
Carrier Name: CWM UPS Fed	IEx 🗌 Client 🗌 Other/Tr	racking #	
Samples Analyzed In House?	No Subbed To		
Is Chain Of Custody Present?	C/Y	res 🗌 No	
Is Chain Of Custody Properly Filled Out?	́Ду	res 🗌 No	
Does Chain Of Custody Match Sample Labels	s? 4 Y	res □No	、
Are Samples Past Hold Time?	Ú Y	′es ☐ No	🗆 NA
Are Samples In Proper Containers?	Z Yes D N	lo Intact? Yes	🗌 No
No. Of Containers?] Plastic 🗌 Baggie 🗌 VOA	🗹 Micro 🗆 Tedlar 🗌 Other	
When Applicable, Is Headspace Present?	🗆 Yes 🗆 No	MSDS Provided 🛛 Yes 🛛	No
Matrix: Aqueous 🗆 Liquid 🗆 Studge 🗆	Solid 🛛 Oil 🗹 Drinking Wa	ater 🗌 Soil 🗌 Gas 🗌 Other	
On Ice? 8,2oC	ŹYes □N	—	
Are Samples Preserved?		No . 1 NA	
Chlorine detected? (for EPA 608/625 only):	□ Yes · □ N	No /	
Final pH Results: Metals Hardness HN03	CN []	NaOH	
CODNH3PhenolTOC	TKN/TON Phos_	No2No3Total Nitro	gen □H2S0
Sulfide 🛛 🗌 NaOH & ZnAcetate	Other		
Field Data:		Ddor □Turbidity □ Other	
Explanation of Comments & Problems:		Based on client knowledge and Listed Waste (Lists: F, K, P a sample determir	and U per CFR 40)

Page 6 of 6



Eric Mailki Freeport Area School District PO Box C Freeport, PA 16229

RE: Middle School Legionella

Order No: 20L0359

Dear Eric Mailki,

CWM Environmental Cleveland, LLC. received sample(s) on 12/30/2020 for the analyses presented in the following report.

There were no problems with the analytical results associated with this report, unless otherwise noted in an attached Case Narrative. Quality Control data is within laboratory defined method(s) and specified acceptance limits, unless otherwise noted within the attached Case Narrative.

Solid Samples are reported in µg/Kg or mg/Kg as received, unless specified in the units section of the report as dry weight, indicated as: µg/Kg-dry or mg/Kg-dry.

If you have any questions regarding these test results, please feel free to call.

Certifications:

- 1. Varies with analyst Lab 4041
- 2. NELAP FLDOH Laboratory E871150
- 3. 2019-2020 DMRQA Parameter

VAP - Ohio EPA Voluntary Action Program LabID # CL107

Disclaimer: If no cert appears in the Cert column, no certification should be assumed. Subcontracted analytes ran under the associated laboratory scope of accreditation.

Sincerely,

hereba (



4450 Johnston Parkway - Unit B Cleveland, OH 44128 TEL: (216) 663-0808 FAX: (216) 663-0656 Website: www.cwmenvironmental.com

Analytical Report

WO#: 20L0359

Date Reported:

01/25/2021

Work Order Case Narrative

C		СИ		0 Johnstoi	l Cleveland, n Parkway - L eveland, OH 4	An	Report		
	\sim			TEL	.: (216) 663- X: (216) 663-	0808	wo)# :	20L0359
	ENVIRONMENTAL	V	Vebsite: w	ww.cwme	environmenta	l.com	Dat	te Reported:	01/25/2021
Clie	ent: Freeport Area School District					Collect	ion: 12/29	/2020 09:25	
Pro	ject: Middle School Legionella								
Sar	mple Number: 20L0359-01					Matrix:	Drinking '	Water	
Sar	mple: Kitchen Hand Sink								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology			Pre	ep: IDEXX L	egiolert		Analyst	: RET
2	Legionella pneumophila Group	<0.100	IDEXX Legiolert	ert 12/30/2020 13:00					

C		СИ		0 Johnstor	l Cleveland, n Parkway - L eveland, OH 4	Analytical Report						
	\sim			TEL	.: (216) 663-0 X: (216) 663-	0808	wo)# :	20L0359			
	ENVIRONMENTAL	V	Vebsite: w	ww.cwme	environmenta	l.com	Da	te Reported:	01/25/2021			
Clie	ent: Freeport Area School District					Collect	ion: 12/29	/2020 09:28				
Pro	oject: Middle School Legionella											
Sar	mple Number: 20L0359-02					Matrix:	Drinking	Water				
Sar	mple: Kitchen Wash Sink											
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed			
	Microbiology		Analyst	/st: RET								
2	Legionella pneumophila Group	<0.100 0.100 0.100 MPN/mL 1 IDEXX Legiole							rt 12/30/2020 13:00			

C		СИ		0 Johnsto	l Cleveland, n Parkway - L eveland, OH 4	Analytical Report					
	\sim			TEI	L: (216) 663-0 X: (216) 663-	0808	wo	D#:	20L0359		
	ENVIRONMENTAL	ν	Vebsite: w	ww.cwme	environmental	Da	te Reported:	01/25/2021			
	ent: Freeport Area School District ject: Middle School Legionella					Collect	ion: 12/29)/2020 09:31			
Sar	mple Number: 20L0359-03					Matrix:	Drinking	Water			
Sar	nple: North Side Mens Room										
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed		
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET		
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00		

C		СИ	V M Enviro 4450) Johnstoi	An	alytical	Report		
	\sim			TEL	eveland, OH 4 .: (216) 663-0 X: (216) 663-	0808	wo	D#:	20L0359
	ENVIRONMENTAL	ν	Vebsite: w	ww.cwme	environmental	l.com	Da	te Reported:	01/25/2021
	ent: Freeport Area School District ject: Middle School Legionella					Collect	ion: 12/29)/2020 09:35	
Sar	mple Number: 20L0359-04					Matrix:	Drinking	Water	
Sar	mple: West Side Mens Room								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00

C		СИ	/ M Enviro 4450) Johnsto	Analytical Report				
	\sim			TEL	eveland, OH 4 L: (216) 663-0 X: (216) 663-	0808	wo	D#:	20L0359
	ENVIRONMENTAL	ν	Vebsite: w	ww.cwme	environmental	Da	te Reported:	01/25/2021	
	ent: Freeport Area School District ject: Middle School Legionella					Collect	ion: 12/29	/2020 09:38	
Sar	nple Number: 20L0359-05					Matrix:	Drinking	Water	
Sar	nple: South Side Mens Room								
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed
	Microbiology			Pre	ep: IDEXX Le	egiolert		Analyst	: RET
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00



Analytical Report

WO#: 20L0359 Date Reported:

01/25/2021

[TOC_1]Work Docum îmages/TOC)

DEFINITIONS:

DF: Dilution factor; the dilution factor applied to the prepared sample.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

LCS: Laboratory Control Sample; prepared by adding a known amount of target analytes to a specified amount of clean matrix and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: A duplicate LCS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

MB: Method Blank; a sample of similar matrix that does not contain target analytes or interference that may impact the analytical results and is processed simultaneously with, and under the same conditions, as samples through all steps of the analytical procedure, used to assess and verify that the analytical process is free of contamination.

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MS: Matrix Spike; prepared by adding a known amount of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC).

MSD: A duplicate MS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

%REC: Percent Recovery of a known spike (SPK); a measure of accuracy expressed as a percentage of a measured (recovered) concentration compared to the known concentration (SPK) added to the sample. This is compared to the Low acceptable and High Limits.

%RPD: Relative Percent Difference; a measure of precision expressed as a percentage of the difference between two duplicates relative to the average concentration. This is compared to the RPD Limit.

PL: Permit limit:; Not included on all reports. Used primarily for NPDES wastewater and POTW discharge permits.

POL: Practical Quantitation Limit; The lowest verified limit to which data is quantified without qualifications. Analyte concentrations below PQL are reported either as ND or as a number with a "J"qualifier. Also known as the Reporting Limit (RL).

Qual: Qualifier that applies to the analyte reported.

SPK: Spike; used in the QC section for both SPK Value and SPK Ref Val.

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		ENVIRONM		<u>م</u> ــ								L F										
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		(216) 663 0808 · FAX (216) 66	3 0656							×c	heck	L if s										
	MPANY NAME:	Freeport Area SD			TACT:	E	Eric Ma	ulki		INVC	DICE T	0										
	DRESS:		PO Box	x C						ADD	RESS											_
cn		Freeport	ST	ATE:	PA	ZIP		16229		CITY								STAT	E		ZIP	-
	ONE No.	7242955141 ext 1251	FAX	No.						Phor	ne No.							FAX	No.		<u> </u>	-
EM/	<u>ma</u>	inductieeport.kiz.pa.us	ECT ID:			egione	lla			PO N	lo.							QUO	TE No.			-
<u> </u>	AT □10 Day (S	STD) [*] RUSH: □1 Day □2 Day □5 Day A	uth. Sig	nature																		-
Sp	ecial Instructi	*RUSH REQUESTS MAY I ons & QC Requirements	NCUR	SURCH	ARGES										ANA	ALYSI	S RE	QUE	STED	1		
						TEMP °C	8.	.4		ļ			}									I
	Middle	School			VIS. ICE	YES	/ NO	×	Legiolert													
	Sample	Disposal	Lab [□ Archive fo	r۸	Nos.		MATRIX	giol						1							
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6	JUNTL	Side Mens Room	$\vdash \downarrow$		0938				1	$\overline{}$												Ĺ
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						<u>.</u>					يفاقوا وبطنا				_4						DATE 12/30	2

Page _____ of _____

DATE TIME 1230-20 12:20 DATE TIME 12/30/10/000

Page 9 of 10

		Sample	Receip	t Checl	alist	Form 244 Rev#: 1 5/21/10
		k Order No		10359	•	
_	ł: . □ Yes					
Date & Time Received: 2-30 20					_	
Date & Time Logged In: 12-30-20	Loge	ged In By:		> 2	_	
Date & Time Reviewed:	Revi	ewed By:			-	
Carrier Name: 🛱 CWM 🔲 UPS 🗌 Fed	Ex 🗌 Client [Other/Tracl	<ing #<="" td=""><td></td><td></td><td></td></ing>			
Samples Analyzed In House?	No Subbec	d To				
Is Chain Of Custody Present?		1 Yes		No		
Is Chain Of Custody Properly Filled Out?		🗹 Yes		🗆 No		
Does Chain Of Custody Match Sample Labels	.?	Z Yes		🗆 No	,	
Are Samples Past Hold Time?		∕ □ Yes				
Are Samples In Proper Containers?	Yes	🗆 No	Intact?	⊠ Yes		🗆 No
No. Of Containers? 5 Glass	Plastic 🗌 Baggi		Aicro 🗌 Teo	llar 🗌 Other_		
When Applicable, Is Headspace Present?			OS Provided		🗆 No	
Matrix: Aqueous Liquid Sludge	Solid 🛛 Oil 🗹 D	rinking Water	🗆 Soil 🗀 G	ias 🗋 Other	*****	
On Ice? 84oc	⊠ Yes	🗌 No				
Are Samples Preserved?	∕ □Yes	🗆 No				
Chlorine detected? (for EPA 608/625 only) : Final pH Results:	☐ Yes	🗆 No				
MetalsHardness HN03	CN_	□NaO	H			
CODNH3PhenolTOC		Phos	No2No3_	Total Nit	rogen	□H2S04
Sulfide	· Other	*				
Field Data: 🗌 pH 🗌 Temp 🗌 Flow 🔲 TRC [olor 🗌 Odor I	□Turbidity [] Other		
Explanation of Comments & Problems:			ased on client Listed Wast	knowledge ar e (Lists: F, K, F sample determ	and U pei	ination with ⁻ CFR 40) ⁻
				□ to be ☑ not to be		
· · · · · · · · · · · · · · · · · · ·			, 597	from Listed S	· .	
		-		•		1990 (1994) - San
						Page 10 of 10

1

MS



Eric Mailki Freeport Area School District PO Box C Freeport, PA 16229

RE: South Buffalo Elementary Legionella

Order No: 20L0358

Dear Eric Mailki,

CWM Environmental Cleveland, LLC. received sample(s) on 12/30/2020 for the analyses presented in the following report.

There were no problems with the analytical results associated with this report, unless otherwise noted in an attached Case Narrative. Quality Control data is within laboratory defined method(s) and specified acceptance limits, unless otherwise noted within the attached Case Narrative.

Solid Samples are reported in µg/Kg or mg/Kg as received, unless specified in the units section of the report as dry weight, indicated as: µg/Kg-dry or mg/Kg-dry.

If you have any questions regarding these test results, please feel free to call.

Certifications:

- 1. Varies with analyst Lab 4041
- 2. NELAP FLDOH Laboratory E871150
- 3. 2019-2020 DMRQA Parameter

VAP - Ohio EPA Voluntary Action Program LabID # CL107

Disclaimer: If no cert appears in the Cert column, no certification should be assumed. Subcontracted analytes ran under the associated laboratory scope of accreditation.

Sincerely,

hereba (



4450 Johnston Parkway - Unit B Cleveland, OH 44128 TEL: (216) 663-0808 FAX: (216) 663-0656 Website: www.cwmenvironmental.com

Analytical Report

WO#: 20L0358

Date Reported:

01/25/2021

Work Order Case Narrative

C		CV) Johnstol	l Cleveland, n Parkway - U eveland, OH 4	An	Analytical Report					
	\sim			TEL	L: (216) 663-0 X: (216) 663-	wo)#:	20L0358				
	ENVIRONMENTAL	I	Nebsite: w	e Reported:	01/25/2021							
	ent: Freeport Area School District ject: South Buffalo Elementary Legione	lla				Collect	tion: 12/29	/2020 10:30				
Sai	nple Number: 20L0358-01					Matrix:	Matrix: Drinking Water					
Sai	nple: Kitchen Hand Sink											
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed			
	Microbiology			Pre	ep: IDEXX Le	Analyst: RET						
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		12/30/2020 13:00				

C		СИ) Johnstoi	l Cleveland, n Parkway - L eveland, OH 4	An	Analytical Report					
	\sim			TEL	.: (216) 663-0 X: (216) 663-	wo)#:	20L0358				
	ENVIRONMENTAL	ν	Vebsite: w	e Reported:	01/25/2021							
	ent: Freeport Area School District oject: South Buffalo Elementary Legione	ella				Collect	tion: 12/29	/2020 10:33				
Sai	mple Number: 20L0358-02		Matrix: Drinking Water									
Saı	mple: Kitchen Wash Sink											
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed			
	Microbiology			Pre	ep: IDEXX Le		Analyst: RET					
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		12/30/2020 13:00				

C		СИ) Johnstor	l Cleveland, n Parkway - U eveland, OH 4	An	Analytical Report				
	\sim			TEL	.: (216) 663-0 X: (216) 663-0	wo	D#:	20L0358			
	ENVIRONMENTAL	l	Vebsite: w	ww.cwme	environmental	.com	Da	te Reported:	01/25/2021		
	ent: Freeport Area School District oject: South Buffalo Elementary Legione	lla				Collect	ion: 12/29	/2020 10:36			
Sa	mple Number: 20L0358-03		Matrix: Drinking Water								
Sa	mple: South Side Pod										
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed		
	Microbiology	Prep: IDEXX Legiolert Analyst:									
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	t 12/30/2020 13:00		

C		СИ) Johnstor	l Cleveland, n Parkway - L eveland, OH 4	An	Analytical Report				
	\sim			TEL	L: (216) 663-0 X: (216) 663-	wo	D#:	20L0358			
	ENVIRONMENTAL	l	Vebsite: w	ww.cwme	environmental	Da	te Reported:	01/25/2021			
	ent: Freeport Area School District oject: South Buffalo Elementary Legione	lla				Collect	ion: 12/29	/2020 10:39			
	mple Number: 20L0358-04	iid.				Matrix:	Drinking	Water			
Sa	mple: East Side Pod										
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed		
	Microbiology		Prep: IDEXX Legiolert Analyst: RET								
2 Legionella pneumophila Group		<0.100	<0.100 0.100 0.100 MPN/mL 1 IDE				IDEXX Legiolert	.egiolert 12/30/2020 13:00			

C		СИ		0 Johnstoi	l Cleveland, n Parkway - U eveland, OH 4	An	Analytical Report				
	\sim			TEL FA	wo	D#:	20L0358				
	ENVIRONMENTAL	l	Nebsite: w	ww.cwme	environmental	.com	Da	te Reported:	01/25/2021		
	ent: Freeport Area School District oject: South Buffalo Elementary Legione	lla				Collect	ion: 12/29)/2020 10:41			
Sa	mple Number: 20L0358-05	Matrix: Drinking Water									
Sa	mple: North Side Pod										
Cert	Analyte	Result	MDL	PQL	Units	DF	Qualifier	Method	Date Analyzed		
	Microbiology	Prep: IDEXX Legiolert Analyst:									
2	Legionella pneumophila Group	<0.100	0.100	0.100	MPN/mL	1		IDEXX Legiolert	12/30/2020 13:00		



Analytical Report

WO#: 20L0358 Date Reported:

01/25/2021

[TOC_1]Work Docum îmages/TOC)

DEFINITIONS:

DF: Dilution factor; the dilution factor applied to the prepared sample.

DUP: Duplicate; aliquots of a sample taken from the same container under laboratory conditions and processed and analyzed independently, used to calculate Precision (%RPD).

LCS: Laboratory Control Sample; prepared by adding a known amount of target analytes to a specified amount of clean matrix and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: A duplicate LCS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

MB: Method Blank; a sample of similar matrix that does not contain target analytes or interference that may impact the analytical results and is processed simultaneously with, and under the same conditions, as samples through all steps of the analytical procedure, used to assess and verify that the analytical process is free of contamination.

MDL: Method Detection Limit; The lowest concentration of an analyte that can be detected by the method in the applicable matrix.

MS: Matrix Spike; prepared by adding a known amount of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC).

MSD: A duplicate MS sample, used to calculate both Accuracy (%REC) and Precision (%RPD).

%REC: Percent Recovery of a known spike (SPK); a measure of accuracy expressed as a percentage of a measured (recovered) concentration compared to the known concentration (SPK) added to the sample. This is compared to the Low acceptable and High Limits.

%RPD: Relative Percent Difference; a measure of precision expressed as a percentage of the difference between two duplicates relative to the average concentration. This is compared to the RPD Limit.

PL: Permit limit:; Not included on all reports. Used primarily for NPDES wastewater and POTW discharge permits.

POL: Practical Quantitation Limit; The lowest verified limit to which data is quantified without qualifications. Analyte concentrations below PQL are reported either as ND or as a number with a "J"qualifier. Also known as the Reporting Limit (RL).

Qual: Qualifier that applies to the analyte reported.

SPK: Spike; used in the QC section for both SPK Value and SPK Ref Val.

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Page 9 of 10

		Sample F	Receipt	Check	list	Form 244 Rev#: 1 5/21/10
ENVIRONMENTAL		k Order No	20	60358		
RUS	H: DYes	∭ No				
Date & Time Received: 12-30-20	Che	cklist By:	- JG			
Date & Time Logged In: <u>2-36-20</u>			2 -	. <u> </u>		
Date & Time Reviewed:	Revi	iewed By:				
Carrier Name: 炮 CWM 🛛 UPS 🗆 Fe	dEx 🗌 Client	Other/Track	ing #			
Samples Analyzed In House? 🗹 Yes 🛛	No Subbe	d To				
Is Chain Of Custody Present?	·	🗹 Yes		🗌 No		
Is Chain Of Custody Properly Filled Out?		Yes				
Does Chain Of Custody Match Sample Labe	els?	Yes		🗌 No		
Are Samples Past Hold Time?		Yes		D No		
Are Samples In Proper Containers?	∯ Yes	🗆 No	Intact?	Yes		🗌 No
No. Of Containers? Glass [☐ Plastic ☐ Bagg		Micro 🗆 Ted	lar 🗌 Other_		
When Applicable, Is Headspace Present?	Yes 🗆 M	No MSI	DS Provided	□ Yes	🗆 No	
Matrix: 🗆 Aqueous 🗆 Liquid 🗆 Sludge 🛙		Drinking Water	🗌 Soil 🗌 G	as 🗌 Other_	·····	
On Ice? 8,4oC	Yes	🗆 No				
Are Samples Preserved?	∕ □ Yes	🗌 No	-	D NA		
Chlorine detected? (for EPA 608/625 only): Final pH Results:	☐ Yes ́	🗆 No				
Metals Hardness 🛛 HN03	CN_	□Na0)H			
CODNH3PhenolTOC_	TKN/TON	Phos	No2No3	Total Nit	trogen	🗌 H2S(
Sulfide	- Oth	er			anananananan	
Field Data: 🗌 pH 🗌 Temp 🗌 Flow 🗌 TR		Color 🗌 Odor		Other		
Explanation of Comments & Problems:		E	Listed Wast	t knowledge an te (Lists: F, K, I sample detern	P and U p	
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