COLUMBIA PUBLIC SCHOOLS
COLUMBIA, MO
LEAD AND COPPER MONITORING
SUMMARY REPORT

DATE: APRIL 12, 2022

FACILITY NAME: ROCK BRIDGE ELEMENTARY SCHOOL

#### A. SAMPLE COLLECTION

1. NUMBER OF SAMPLES COLLECTED AT THIS FACILITY 40

2. PERCENTAGE OF SAMPLES BELOW COPPER ACTION LIMITS 100.0%

1. COPPER ACTION LIMIT = 1,300 UG/

3. PERCENTAGE OF SAMPLES BELOW LEAD ACTION LIMITS 10.00%

 LEAD ACTION LIMIT = 15 UG/L (The requirement in the USEPA Lead and Copper Rule for public water supplies is 90% passing)

#### **B. SAMPLE EXCEEDANCE**

1. NUMBER OF SAMPLES EXCEEDING COPPER ACTION LIMIT 0

2. NUMBER OF SAMPLES EXCEEDING LEAD ACTION LIMIT 0

#### C. CONCLUSION

This facility meets the (recommended) requirements of the United States Environmental Protection Agency (USEPA) and the published Lead and Copper Rule (LCR) of 1991 (reference: 40 CFR Part 141 Subpart I). Public Run Water Suppliers must comply with the USEPA law and the LCR. Columbia Water & Light is the publicly run water utility that serves this school.

Initially failed tests were resampled using the first flush method and tested for verification. Should the laboratory analysis reveal results that exceed the LCR action limits, you can utilize the recommendations within the LCR to address those specific locations. They include but are not limited to: flushing prior to use (make it a practice to run the water at each tap before use), repairing and/or replacing fixtures and/or piping and by not using the water for consumption. All are recommended by the Lead and Copper Rule.

Although the Lead and Copper Rule may not directly apply to Columbia Public Schools and each of its schools or support buildings that are part of the 2020 City of Columbia Water Quality Assessment Report; it is a common practice for experts in the field and members of the known industry to use the standard as a guideline for water assessment studies.

Prepared By:

Jahn DLA

Joshua D. Lehmen, PE



#### PDC Laboratories, Inc.

PROFESSIONAL • DEPENDABLE • COMMITTED

September 08, 2021

Josh Lehmen Engineering Surveys & Services 1113 Fay Street Columbia, MO 65201

RE: L14571

Dear Josh Lehmen:

Please find enclosed the analytical results for the **26** sample(s) the laboratory received on **8/23/21 2:47 pm** and logged in under work order **EH04757**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories, Inc.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories, Inc. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lgrant@pdclab.com.

Sincerely,

Erin Lane

Project Manager





#### SAMPLE RECEIPT CHECK LIST

#### Items not applicable will be marked as in compliance

	Work Order EH04757
YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
NO	COC completed & legible
YES	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

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Alias:

RBE-H123-EWC-2

#### **ANALYTICAL RESULTS**

Sample: EH04757-01

**Sampled:** 08/20/21 06:30

Campie.	L1104707-01					oampiea.	00/20/21	30.00
Name:	1. Room 111 - Classroom Fauce	t				Received:	08/23/21	10:30
Alias:	RBE-111-CF-1					Matrix:	Drinking V	Vater - Regular Sample
arameter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - Pl	<u>4</u>							
Copper		310	ug/L		1300	08/30/21 15:54	TJJ	EPA 200.8 REV 5.4
Lead		13	ug/L		15	08/30/21 15:54	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-02					Sampled:	08/20/21 (	06:40
Name:	2. Hall by Room 112 - Electric W	ater Cooler				Received:	08/23/21	10:30
Alias:	RBE-H112-EWC-1					Matrix:	Drinking V	Vater - Regular Sample
Parameter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - Pl	<u> </u>							
Copper		12	ug/L		1300	08/30/21 15:56	TJJ	EPA 200.8 REV 5.4
Lead		< 1.0	ug/L		15	08/30/21 15:56	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-03					Sampled:	08/20/21 (	06:31
Name:	3. Room 116 - Classroom Fauce	t				Received:	08/23/21	10:30
Alias:	RBE-116-CF-2					Matrix:	Drinking V	Vater - Regular Sample
Barameter		Pocult	Unit	Qualifier	MCI	Analyzod	Analyst	Mathad

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	200	ug/L		1300	08/30/21 15:57	TJJ	EPA 200.8 REV 5.4
Lead	4.3	ug/L		15	08/30/21 15:57	TJJ	EPA 200.8 REV 5.4

Sample: EH04757-04 S
Name: 4. Hall by Room 123 - Electric Water Cooler R

**Sampled:** 08/20/21 07:05 **Received:** 08/23/21 10:30

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	3.2	ug/L		1300	08/30/21 15:59	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/30/21 15:59	TJJ	EPA 200.8 REV 5.4

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EPA 200.8 REV 5.4

EPA 200.8 REV 5.4



Total Metals - PIA

Copper

Lead

#### **ANALYTICAL RESULTS**

Sample: EH04757-05

Sampled: 08/20/21 07:03

	Name: Alias:	5. Room 124 - Classroom Faucet RBE-124-CF-3					Received: Matrix:	08/23/21 1 Drinking V	I0:30 Vater - Regular Sample
Parame	eter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total M	etals - PIA	<u>.</u>							
Copper			49	ug/L		1300	08/30/21 16:00	TJJ	EPA 200.8 REV 5.4
Lead			4.0	ug/L		15	08/30/21 16:00	TJJ	EPA 200.8 REV 5.4
	Sample:	EH04757-06					Sampled:	08/20/21 (	07:03
	Name:	6. Room 126 - Classroom Faucet					Received:	08/23/21 1	10:30
	Alias:	RBE-126-CF-4					Matrix:	Drinking V	Vater - Regular Sample
Parame	eter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total M	etals - PIA	1							
Copper			87	ug/L		1300	08/30/21 16:02	TJJ	EPA 200.8 REV 5.4
₋ead			2.8	ug/L		15	08/30/21 16:02	TJJ	EPA 200.8 REV 5.4
	Sample:	EH04757-07					Sampled:	08/20/21 (	)7:10
	Name:	7. Room 129 South Wall - Kitcher	n Faucet				Received:	08/23/21 1	10:30
	Alias:	RBE-129-KF-1					Matrix:	Drinking V	Vater - Regular Sample
Parame	eter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total M	etals - PIA	<u>.</u>							
Copper			340	ug/L		1300	08/30/21 16:03	TJJ	EPA 200.8 REV 5.4
₋ead			< 1.0	ug/L		15	08/30/21 16:03	TJJ	EPA 200.8 REV 5.4
	Sample:	EH04757-08					Sampled:	08/20/21 (	07:05
	Name:	8. Room 132 - Drinking Water Fo	untain				Received:	08/23/21 1	
	Alias:	RBE-132-DWF-1					Matrix:	Drinking V	Vater - Regular Sample
Parame	oter .		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method

1300

15

08/30/21 16:05

08/30/21 16:05

TJJ

TJJ

200

11

ug/L

ug/L



Sample: EH04757-09

Sampled: 08/20/21 07:15

Sample:	EH04/5/-09					Sampied:	08/20/21 (	11.10
Name:	9. Room 133 - Drinking Water Fou	ıntain				Received:	08/23/21 1	10:30
Alias:	RBE-133-DWF-2					Matrix:	Drinking V	Vater - Regular Sample
arameter	ı	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
otal Metals - PIA	<u>1</u>							
Copper		190	ug/L		1300	08/30/21 16:06	TJJ	EPA 200.8 REV 5.4
ead		2.7	ug/L		15	08/30/21 16:06	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-10					Sampled:	08/20/21 (	07:20
Name:	10. Hall by Room 136 - Electric W	ater Coole	er			Received:	08/23/21 1	10:30
Alias:	RBE-H136-EWC-3					Matrix:	Drinking V	Vater - Regular Sample
arameter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
otal Metals - PIA	<u>A</u>							
Copper		27	ug/L		1300	08/30/21 16:08	TJJ	EPA 200.8 REV 5.4
ead		< 1.0	ug/L		15	08/30/21 16:08	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-11					Sampled:	08/20/21 (	07:20
Name:	11. Room 136 - Drinking Water Fo	ountain				Received:	08/23/21 1	10:30
Alias:	RBE-136-DWF-3					Matrix:	Drinking V	Vater - Regular Sample
arameter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA	<u>1</u>							
Copper		180	ug/L		1300	08/31/21 13:45	TJJ	EPA 200.8 REV 5.4
.ead		8.1	ug/L		15	08/31/21 13:45	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-12					Sampled:	08/20/21 (	07:30
•	12 Poom 135 Drinking Water Ed	ountain				•	08/23/21	

12. Room 135 - Drinking Water Fountain Name:

Alias: RBE-135-DWF-4 **Received:** 08/23/21 10:30

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	170	ug/L		1300	08/31/21 13:47	TJJ	EPA 200.8 REV 5.4
Lead	5.6	ug/L		15	08/31/21 13:47	TJJ	EPA 200.8 REV 5.4

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Sample: EH04757-13

Sampled: 08/20/21 07:26

Sample:	EH04757-13				Sampled:	08/20/21 (	07:26
Name:	13. Room 137 - Classroom Faucet				Received:	08/23/21	10:30
Alias:	RBE-137-CF-5				Matrix:	Drinking V	Vater - Regular Sample
arameter	Resul	t Unit	Qualifier	MCL	Analyzed	Analyst	Method
otal Metals - PIA	<u>4</u>						
Copper	20	0 ug/L		1300	08/31/21 13:50	TJJ	EPA 200.8 REV 5.4
ead	8.	5 ug/L		15	08/31/21 13:50	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-14				Sampled:	08/20/21 (	07:27
Name:	14. Room 138 - Drinking Water Fountai	n			Received:	08/23/21	10:30
Alias:	RBE-138-DWF-5				Matrix:	Drinking V	Vater - Regular Sample
arameter	Resul	t Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA	4						
Copper	330	0 ug/L		1300	08/31/21 13:51	TJJ	EPA 200.8 REV 5.4
ead	200	0 ug/L		**15	08/31/21 13:51	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-15				Sampled:	08/20/21 (	07:30
Name:	15. Room 207 - Classroom Faucet				Received:	08/23/21	10:30
Alias:	RBE-207-CF-6				Matrix:	Drinking V	Vater - Regular Sample
Parameter	Resul	t Unit	Qualifier	MCL	Analyzed	Analyst	Method
Fotal Metals - PIA	Δ						
Copper	<b>ב</b> 270	0 ug/L		1300	08/31/21 13:53	TJJ	EPA 200.8 REV 5.4
Sobbei	210	ug/L		1300	00/31/21 13.33	100	LI A 200.0 INLV 3.4

Sample: EH04757-16

Lead

Name: 16. Room 210 - Classroom Faucet

Alias: RBE-210-CF-7

Sampled: 08/20/21 07:31

08/31/21 13:53

Received: 08/23/21 10:30

TJJ

Matrix: Drinking Water - Regular Sample

EPA 200.8 REV 5.4

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	170	ug/L		1300	08/31/21 14:02	TJJ	EPA 200.8 REV 5.4
Lead	13	ug/L		15	08/31/21 14:02	TJJ	EPA 200.8 REV 5.4

6.9

ug/L

15

Customer #: www.pdclab.com



Name:

#### **ANALYTICAL RESULTS**

Sample: EH04757-17

17. Room 209 - Claassroom Faucet

Alias: RBE-209-CF-8

Sampled: 08/20/21 07:32

**Received:** 08/23/21 10:30

Matrix: Drinking Water - Regular Sample

Allus.	1.52 200 01 0							
Parameter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
otal Metals - Pl	<u> </u>							
Copper		240	ug/L		1300	08/31/21 14:03	TJJ	EPA 200.8 REV 5.4
₋ead		3.1	ug/L		15	08/31/21 14:03	TJJ	EPA 200.8 REV 5.4
Sample:	EH04757-18					Sampled:	08/20/21 (	07:33
Name:	18. Room 211 - Classroom	Faucet				Received:	08/23/21 1	10:30
Alias:	RBE-211-CF-9					Matrix:	Drinking V	Vater - Regular Sample
Parameter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method

r ai ainetei	Result	Oilit	Qualifier	WICL	Allalyzeu	Allalyst	Wethou
Total Metals - PIA							
Copper	400	ug/L		1300	08/31/21 14:05	TJJ	EPA 200.8 REV 5.4
Lead	2.5	ug/L		15	08/31/21 14:05	TJJ	EPA 200.8 REV 5.4

Sample: EH04757-19

Name: 19. Room 212 - Classroom Faucet

Alias: RBE-212-CF-10

Sampled: 08/20/21 07:34 Received: 08/23/21 10:30

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	360	ug/L		1300	08/31/21 14:06	TJJ	EPA 200.8 REV 5.4
Lead	26	ug/L		**15	08/31/21 14:06	TJJ	EPA 200.8 REV 5.4

Sample: EH04757-20

Name: 20. Room 214 - Classroom Faucet

Alias: RBE-214-CF-11

Sampled: 08/20/21 07:35

Received: 08/23/21 10:30

Matrix: Drinking Water - Regular Sample

Parameter	Result Unit Qualit		Qualifier	MCL Analyzed		Analyst	Method
Total Metals - PIA							
Copper	300	ug/L		1300	08/31/21 14:08	TJJ	EPA 200.8 REV 5.4
Lead	14	ug/L		15	08/31/21 14:08	TJJ	EPA 200.8 REV 5.4

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Sample: EH04757-21

Sampled: 08/20/21 07:37

	Sample:	ENU4/5/-21					Sampled: 00/20/21 07.37					
	Name:	21. Room 215 - Classroom Fauc	et				Received: 08/23/21 10:30					
	Alias:	RBE-215-CF-12					Matrix:	: Drinking Water - Regular Sam				
Parame	ter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method			
Γotal M	etals - PIA	<u>.</u>										
Copper			760	ug/L		1300	08/31/21 14:09	TJJ	EPA 200.8 REV 5.4			
Lead			230	ug/L		**15	08/31/21 14:09	TJJ	EPA 200.8 REV 5.4			
	Sample:	EH04757-22					Sampled:	08/20/21 07:40				
	Name:	Name: 22. Hall by Room 216 - Electric Water Cooler						08/23/21 1	10:30			
	Alias:	RBE-H216-EWC-4					Matrix:	: Drinking Water - Regular Sample				
Parame	ter		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method			
Total M	etals - PIA	<u>\</u>										
Copper			22	ug/L		1300	08/31/21 14:11	TJJ	EPA 200.8 REV 5.4			
Lead			< 1.0	ug/L		15	08/31/21 14:11	TJJ	EPA 200.8 REV 5.4			
	Sample:	EH04757-23					Sampled:	08/20/21 0	)7:38			
	Name:	23. Room 217- Classroom Fauc	et				Received:	08/23/21 1	10:30			
	Alias:	RBE-217-CF-13					Matrix:	Drinking V	Vater - Regular Sample			
Parame	4		Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method			

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	280	ug/L		1300	08/31/21 14:12	TJJ	EPA 200.8 REV 5.4
Lead	8.0	ug/L		15	08/31/21 14:12	TJJ	EPA 200.8 REV 5.4

Sample: EH04757-24

Name: 24. Room 213 - Classroom Faucet

Alias: RBE-213-CF-14

**Sampled:** 08/20/21 07:39 **Received:** 08/23/21 10:30

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/31/21 14:22	TJJ	EPA 200.8 REV 5.4
Lead	24	ug/L		**15	08/31/21 14:22	TJJ	EPA 200.8 REV 5.4

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Sample: EH04757-25

Sampled: 08/20/21 07:40

Name: 25. Hall by Room 213 - Electric Water Cooler

**Received:** 08/23/21 10:30

Alias: RBE-H213-EWC-5

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	76	ug/L		1300	08/31/21 14:23	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/31/21 14:23	TJJ	EPA 200.8 REV 5.4

Sample: EH04757-26

H04757-26 Sampled: 08/20/21 07:41

 Name:
 26. Room 220 - Classroom Faucet
 Received:
 08/23/21 10:30

Alias: RBE-220-CF-15 Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	nit Qualifier MCL Analyzed		Analyzed	Analyst	Method
<u>Total Metals - PIA</u>							
Copper	250	ug/L		1300	08/31/21 14:24	TJJ	EPA 200.8 REV 5.4
Lead	20	ug/L		**15	08/31/21 14:24	TJJ	EPA 200.8 REV 5.4

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#### **NOTES**

Specifications regarding method revisions and method modifications used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

#### **Certifications**

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807 USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389 TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050 Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Eni Mosane

Certified by: Erin Lane, Project Manager





REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

#### **CHAIN OF CUSTODY RECORD**

STATE WHERE SAMPLE COLLECTED MO

		HLIGHTED ARE	AS MUST	ВЕ СОМР	LETED BY	CLIENT (PLE	ASE PRINT	)					
CLIENT	PROJECT	NUMBER		ECT LOCA		PURCHASE	ORDER#	(3)	ANALY	/SIS RE	QUEST	ED	(FOR LAB USE ONLY)
Engineering Surveys & Services	L14571	_	Colun	nbia,	MO								ELIXUACT 2
ADDRESS	PHONE NU			E-MAIL		DATE SH							LOGIN #
1113 Fay Street	573-449	9-2646	jlehmen	@ess-	s-inc.com 8/10/11			0					LOGGED BY:
CITY STATE	SAMPLER (PLEASE PRINT)					MATRIX	TYPES:						CLIENT:
ZIP Columbia, MO	Josh Lehn					WW- WASTEWATE DW- DRINKING WA GW- GROUND WA	ATER	7					PROJECT:
CONTACT PERSON	SAMPLER'S					WWSL- SLUDGE NAS- NON AQUEO LCHT-LEACHATE	OUS SOLID	p					PROJ. MGR.:
Josh Lehmen	SIGNATURE					OIL-OIL SO-SOIL SOL-SOLID		100					CUSTODY SEAL #:
SAMPLE DESCRIPTION  (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE GRAB	COMP	MATRIX TYPE	COUNT	PRES CODE CLIENT PROVIDED	5					REMARKS
Rock hindge Blanday School			Х					26					
						3 3 3							
													- 1
1													
											_		
	HNO3 4 – NAOH				ESERVED	7 – OTHER							
TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMA (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)  RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE	L RUSH	-4	NEEDED		6	not meet all s	sample confe	ormance r	equirem	ents as	defined	in the r	proceed with analysis, even though it may receiving facility's Sample Acceptance cceptable to report to all requilatory authorities.
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE						PROCEED W							
RELINQUISHED BY: (SIGNATURE)  DATE  2	Aug 21	RECEIVE	D BY: (SIGNA	ATURE)			DATE	X 30.	71	(8)	C	OMMEN	TS: (FOR LAB USE ONLY)
TIME		1514				as forms or more than the cold and the	ПМЕ	14.0	)		_		
RELINQUISHED BY: (SIGNATURE)  DATE  TIME	70-91	RECEIVE	BY: (SIGN	ATURE)	X		TIME	122 2	AM	SAMPL	Е ТЕМ	PERATU	IRE UPON RECEIPT 20.7 °C
	3-21	RECEIVE	D BY: (SIGNA	ATURE)	. 1		DATE	131	U	SAMPL	E(S) RE	ECEIVED EPTANC	RTED PRIOR TO RECEIPT YORN ON ICE YORN ENONCONFORMANT YORN
System 14	470 4	)		1	Nd		TIME	447	-				EN FROM SAMPLE Page 11 of 12

Location:	Rockbridge Elementry School
Sample Date:	8/20/2021
Sample Time:	Various
Sampled By:	Cullan Even

Sample No.	Coding System	Description	Sample Collected		
1	RBE-111-CF-1	Room 111 - Classroom Faucet	Yes		
2	RBE-H112-EWC-1	Hall by Room 112 - Electric Water Cooler	Yes		
3	RBE-116-CF-2	Room 116 - Classroom Faucet	Yes		
4	RBE-H123-EWC-2	Hall by Room 123 - Electric Water Cooler	Yes		
5	RBE-124-CF-3	Room 124 - Classroom Faucet	Yes		
6	RBE-126-CF-4	Room 126 - Classroom Faucet	Yes		
7	RBE-129-KF-1	Room 129 South Wall - Kitchen Faucet	Yes		
8	RBE-132-DWF-1	Room 132 - Drinking Water Fountain	Yes		
9	RBE-133-DWF-2	Room 133 - Drinking Water Fountain	Yes		
10	RBE-H136-EWC-3	Hall by Room 136 - Electric Water Cooler	Yes		
11	RBE-136-DWF-3	Room 136 - Drinking Water Fountain	Yes		
12	RBE-135-DWF-4	Room 135 - Drinking Water Fountain	Yes		
13	RBE-137-CF-5	Room 137 - Classroom Faucet	Yes		
14	RBE-138-DWF-5	Room 138 - Drinking Water Fountain	Yes		
15	RBE-207-CF-6	Room 207 - Classroom Faucet	Yes		
16	RBE-210-CF-7	Room 210 - Classroom Faucet	Yes		
17	RBE-209-CF-8	Room 209 - Classroom Faucet	Yes		
18	RBE-211-CF-9	Room 211 - Classroom Faucet	Yes		
19	RBE-212-CF-10	Room 212 - Classroom Faucet	Yes		
20	RBE-214-CF-11	Room 214 - Classroom Faucet	Yes		
21	RBE-215-CF-12	Room 215 - Classroom Faucet	Yes		
22	RBE-H216-EWC-4	Hally by Room 216 - Electric Water Cooler	Yes		
23	RBE-217-CF-13	Room 217 - Classroom Faucet	Yes		
24	RBE-213-CF-14	Room 213 - Classroom Faucet	Yes		
25	RBE-H213-EWC-5	Hall by Room 213 - Electric Water Cooler	Yes		
26	RBE-220-CF-15	Room 220 - Classroom Faucet	Yes		
27	RBE-201-CF-16	Room 201 - Classroom Faucet - Out of Order	No		
28	RBE-HAL-EWC-6	Main Hallway - Electric Water Cooler	Yes		
29	RBE-106-CF-17	Room 106 - Classroom Faucet	Yes		
30	RBE-100F-NFS	Room 100F Nurse Office Faucet	Yes		
31	RBE-100F-NRF	Room 100F Nurse Bathroom Faucet	Yes		
32	RBE-100C-CF-18	Work Room 100C Classroom Faucet	Yes		
33	RBE-100C-RRF	Work Room 100 C Bathroom Faucet	Yes		
34	RBE-100FH-EWC-7	Hallway Room 100F - Electric Water Cooler	Yes		
35	RBE-302-CF-19	Room 302 - Classroom Faucet	Yes		
36	RBE-301-CF-20	Room 301 - Classroom Faucet	Yes		
37	RBE-304-CF-21	Room 304 - Classroom Faucet	Yes		
38	RBE-308-CF-22	Room 308 - Classroom Faucet	Yes		
39	RBE-309-CF-23	Room 309 - Classroom Faucet	Yes		
40	RBE-310-CF-24	Room 310 - Classroom Faucet	Yes		
41	RBE-311-CF-25	Room 311 - Classroom Faucet	Yes		



Pace Analytical Services, LLC 2231 W. Altorfer Drive Peoria, IL 61615 (800)752-6651

April 13, 2022

Josh Lehmen Engineering Surveys & Services 1113 Fay Street Columbia, MO 65201

RE: L14571

Dear Josh Lehmen:

Please find enclosed the analytical results for the **19** sample(s) the laboratory received on **4/4/22 2:50 pm** and logged in under work order **FD00528**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of Pace Analytical Services, LLC.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

Pace Analytical Services appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lisa.grant@pacelabs.com.

Erin Lane Project Manager

(309)683-1767

erin.lane@pacelabs.com

Fri Mosave



#### **SAMPLE RECEIPT CHECK LIST**

#### Items not applicable will be marked as in compliance

	Work Order FD00528
YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
NO	COC completed & legible
NO	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
NO	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
NO	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

Customer #: 72-100995 www.pacelabs.com



**Sample:** FD00528-01

Name: Room 138 - Drinking Water Fountain

Alias: RBE 14

Sampled: 04/01/22 07:56

**Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution MRL		Analyzed	Analyst	Method
Total Metals - PIA									
Copper	140	ug/L	C	04/11/22 12:52	1	3.0	04/11/22 15:31	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	C	04/11/22 12:52	1	1.0	04/11/22 15:31	KMC	EPA 200.8 REV 5.4

**Sample:** FD00528-02

Name: Room 212 - Classroom Faucet

Alias: RBE 19

**Sampled:** 04/01/22 07:59 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	150	ug/L	C	)4/11/22 12:52	1	3.0	04/11/22 15:38	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	C	04/11/22 12:52	1	1.0	04/11/22 15:38	KMC	EPA 200.8 REV 5.4

Sample: FD00528-03

Name: Room 215 - Classroom Faucet

Alias: RBE 21

**Sampled:** 04/01/22 08:02 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	170	ug/L	04/11/22 12:5	2 1	3.0	04/11/22 15:40	KMC	EPA 200.8 REV 5.4
Lead	1.5	ug/L	04/11/22 12:5	2 1	1.0	04/11/22 15:40	KMC	EPA 200.8 REV 5.4

Sample: FD00528-04

Name: Room 213 - Classroom Faucet

Alias: RBE 24

**Sampled:** 04/01/22 08:04 **Received:** 04/04/22 14:50

Parameter	Result	Unit	Qualifier Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>								
Copper	150	ug/L	04/11/22 12:52	1	3.0	04/11/22 15:41	KMC	EPA 200.8 REV 5.4
Lead	1.3	ug/L	04/11/22 12:52	1	1.0	04/11/22 15:41	KMC	EPA 200.8 REV 5.4



Sample: FD00528-05

Name: Room 220 - Classroom Faucet

Alias: RBE 26

**Sampled:** 04/01/22 08:05

Received: 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	160	ug/L	(	04/11/22 12:52	1	3.0	04/11/22 15:43	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	C	)4/11/22 12:52	1	1.0	04/11/22 15:43	KMC	EPA 200.8 REV 5.4

Sample: FD00528-06

Name: Main Hallway - Electric Water Cooler

Alias: RBE 28

**Sampled:** 04/01/22 08:12 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									_
Copper	5.4	ug/L	(	04/11/22 12:52	1	3.0	04/11/22 15:44	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	(	04/11/22 12:52	1	1.0	04/11/22 15:44	KMC	EPA 200.8 REV 5.4

Sample: FD00528-07

Name: Room 106 - Classroom Faucet

Alias: RBE 29

**Sampled:** 04/01/22 08:15 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier Pre	pared Diluti	ion MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	180	ug/L	04/11/2	22 12:52 1	3.0	04/11/22 15:46	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/11/2	22 12:52 1	1.0	04/11/22 15:46	KMC	EPA 200.8 REV 5.4

**Sample:** FD00528-08

Name: Room 100F Nurse Office Faucet

Alias: RBE 30

**Sampled:** 04/01/22 08:18

**Received:** 04/04/22 14:50

Parameter	Result	Unit	Qualifier Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	160	ug/L	04/11/22 12:52	1	3.0	04/11/22 15:48	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/11/22 12:52	1	1.0	04/11/22 15:48	KMC	EPA 200.8 REV 5.4



Sample: FD00528-09

Name: Room 100F Nurse Bathroom Faucet

Alias: RBE 31

Sampled: 04/01/22 08:20

**Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	210	ug/L	0	04/11/22 12:52	1	3.0	04/11/22 15:49	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	0	)4/11/22 12:52	1	1.0	04/11/22 15:49	KMC	EPA 200.8 REV 5.4

Sample: FD00528-10

Name: Work Room 100 C Faucet

Alias: RBE 32

**Sampled:** 04/01/22 08:21 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier I	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	130	ug/L	04/	11/22 12:52	1	3.0	04/11/22 15:57	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/	11/22 12:52	1	1.0	04/11/22 15:57	KMC	EPA 200.8 REV 5.4

Sample: FD00528-11

Name: Work Room 100 C Bathroom Faucet

Alias: RBE 33

**Sampled:** 04/01/22 08:23 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier Prepare	d Dilutio	n MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	170	ug/L	04/11/22 12	2:52 1	3.0	04/11/22 15:58	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/11/22 12	2:52 1	1.0	04/11/22 15:58	KMC	EPA 200.8 REV 5.4

**Sample:** FD00528-12

Name: Hallway Room 100F - Electric Water Cooler

Alias: RBE 34

**Sampled:** 04/01/22 08:25

**Received:** 04/04/22 14:50

Parameter	Result	Unit	Qualifier Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	6.1	ug/L	04/11/22 12:52	1	3.0	04/11/22 16:00	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/11/22 12:52	1	1.0	04/11/22 16:00	KMC	EPA 200.8 REV 5.4



Sample: FD00528-13

Name: Room 302- Classroom Faucet

Alias: RBE 35

Sampled: 04/01/22 08:27

**Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	110	ug/L	0	04/11/22 12:52	1	3.0	04/11/22 16:02	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	0	)4/11/22 12:52	1	1.0	04/11/22 16:02	KMC	EPA 200.8 REV 5.4

Sample: FD00528-14

Name: Room 301- Classroom Faucet

Alias: RBE 36

**Sampled:** 04/01/22 08:33 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									_
Copper	97	ug/L	(	04/11/22 12:52	1	3.0	04/11/22 16:03	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	(	04/11/22 12:52	1	1.0	04/11/22 16:03	KMC	EPA 200.8 REV 5.4

Sample: FD00528-15

Name: Room 304- Classroom Faucet

Alias: RBE 37

**Sampled:** 04/01/22 08:34

**Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	80	ug/L	04/11/22 12:52	1	3.0	04/11/22 16:05	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/11/22 12:52	1	1.0	04/11/22 16:05	KMC	EPA 200.8 REV 5.4

**Sample:** FD00528-16

Name: Room 308- Classroom Faucet

Alias: RBE 38

**Sampled:** 04/01/22 08:37 **Received:** 04/04/22 14:50

Parameter	Result	Unit	Qualifier Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	33	ug/L	04/11/22 12:52	1	3.0	04/11/22 16:06	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/11/22 12:52	1	1.0	04/11/22 16:06	KMC	EPA 200.8 REV 5.4



**Sample:** FD00528-17

Name: Room 309- Classroom Faucet

Alias: RBE 39

Sampled: 04/01/22 08:39

**Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	170	ug/L	C	04/11/22 12:52	1	3.0	04/11/22 16:08	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	C	)4/11/22 12:52	1	1.0	04/11/22 16:08	KMC	EPA 200.8 REV 5.4

Sample: FD00528-18

Name: Room 310- Classroom Faucet

Alias: RBE 40

**Sampled:** 04/01/22 08:40 **Received:** 04/04/22 14:50

Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	35	ug/L	0	)4/11/22 12:52	1	3.0	04/11/22 16:15	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	0	)4/11/22 12:52	1	1.0	04/11/22 16:15	KMC	EPA 200.8 REV 5.4

Sample: FD00528-19

Name: Room 311- Classroom Faucet

Alias: RBE 41

**Sampled:** 04/01/22 08:41 **Received:** 04/04/22 14:50

Parameter	Result	Unit	Qualifier Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA								
Copper	130	ug/L	04/11/22 12:52	1	3.0	04/11/22 16:17	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L	04/11/22 12:52	1	1.0	04/11/22 16:17	KMC	EPA 200.8 REV 5.4



Pace Analytical Services, LLC 2231 W. Altorfer Drive Peoria, IL 61615 (800)752-6651

#### **NOTES**

Specifications regarding method revisions, method modifications, and calculations used for analysis are available upon request. Please contact your project manager.

\* Not a TNI accredited analyte

#### Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050

TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615

TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230

Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553

Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)

Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807 USEPA DMR-QA Program

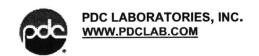
Mosane

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042

TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389 TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080 Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050 Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Certified by: Erin Lane, Project Manager





QUALTRAX 3219 REV 5

REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

#### **CHAIN OF CUSTODY RECORD**

STATE WHERE SAMPLE COLLECTED MO

CLIENT	PROJECT	NUMBER	PRO	JECT LOCA	ATION	PURCHASE		(3	) AN/	LYSIS REQ	UESTED		(FOR LAB USE ONLY)
Engineering Surveys & Services	L14571	NUMBER	Colui	mbia,	МО	DATE SH	IDDED	$\subseteq$	,				F000578-19
1113 Fay Street			jlehme			4/1/22		#					LOGIN #
STATE Columbia, MO 65201	Kyran Bu	(PLEASE PRINT) Kyran Burks			MATRIX TYPES:  WW-WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE			d Lead					**ROJECT:**ROJ. MGR.:
Josh Lehmen	SAMPLER'S SIGNATURE					NAS- NON AQUEOU LCHT-LEACHATE OIL-OIL SO-SOIL SOL-SOLID	JS 30LID	er and					CUSTODY SEAL #:
SAMPLE DESCRIPTION  (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE	TIME	SAMPL GRAB	E TYPE COMP	MATRIX TYPE	BOTTLE	PRES CODE CLIENT PROVIDED	Copper					REMARKS
Various Samples From Various Schools (See attached sheet)	bottle	bottle	X					6	9				Rock Bridge
Please provide separate reports for each school													Elementary School
													)
·													
												+	
							-					+-	
9													
CHEMICAL PRESERVATION CODES: 1 – HCL 2 – H2SO4 3 –	HNO3 4 - NA	OH 5 – NA	28203	6 – UNPF	RESERVED	7 – OTHER							
TURNAROUND TIME REQUESTED (PLEASE CIRCLE) NORMAL RUSH (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE)  RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE  EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:				:D	I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.  PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)						ving facility's Sample Acceptance		
	Apraz	RECEIVE	D BY: (SIG	NATURE)			DATE	4-1	-22	8	COM	MENTS: (	FOR LAB USE ONLY)
	226	But	-NU		_		TIME	2:2	10		-		
RELINQUISHED BY: (SIGNATURE)  DATE (-1-2-)  TIME 14:05				NATURE	نس		TIME	14/2	0	SAMPLE TEMPERATURE UPON RECEIPT [9,4] °C			
RELINQUISHED BY SIGNATURE DATE	1122	RECEIVE	D BY: (SIG	NATURE)	1 1 50		TIME	100	UZ2	SAMPLE SAMPLE	(S) RECE	EIVED ON	D PRIOR TO RECEIPT YORN ICE YORN DNCONFORMANT YORN
	150	L	axiv	1-1	1 al	<del>}</del>		14.	5Ψ	DATE A	ND TIME 1	TAKEN FF	ROM SAMPLE BOTTLE YES, by KET
OUALTRAX 3219 REV 5				F	PAGE	OF	3/3/2	021					Page 9 of 10

	T	Camal	
	6-11	Sampl	
	School	е .	
		Numb	Bananintian
School Name	tion	er	Description 200 Classes Face A North
HICKMAN HIGH SCHOOL	HHS	58	Room 208 - Classroom Faucet North
HICKMAN HIGH SCHOOL	HHS	60	Room 208 - Classroom Faucet South
HICKMAN HIGH SCHOOL	HHS	65	Room 212 - Classrom Faucet West
HICKMAN HIGH SCHOOL	HHS	66	Room 212 - Classroom Faucet Teacher Desk
HICKMAN HIGH SCHOOL	HHS	68	Room 213 - Classroom Faucet Teacher Desk
HICKMAN HIGH SCHOOL	HHS	73	Room 214 - Office Faucet
HICKMAN HIGH SCHOOL	HHS	76	Room 220 - Classroom Faucet North
HICKMAN HIGH SCHOOL	HHS	78	Room 220 - Office Faucet
HICKMAN HIGH SCHOOL	HHS	84	Room 50 - Classroom Faucet
HICKMAN HIGH SCHOOL	HHS	90	Room 117 - Classroom Faucet North
HICKMAN HIGH SCHOOL	HHS	92	Room 117 - Classroom Faucet South
HICKMAN HIGH SCHOOL	HHS	99	Room 112- Classroom Faucet Center
HICKMAN HIGH SCHOOL	HHS	102	Room 112- Classroom Faucet Workbench
HICKMAN HIGH SCHOOL	HHS	103	Room 110 - Classroom Faucet
HICKMAN HIGH SCHOOL	HHS	104	Room 109- Office Faucet
FIELD ELEMENTARY SCHOOL	FLD	19	Room 301 - Classroom Faucet
West Middle School	WMS	20	Room 135 - Elecric Water Cooler
West Middle School	WMS	56	Room 134 Orchestra - Classroom Faucet
ELIOT BATTLE ELEMENTARY SCHOOL	EBES	1	Kitchen Faucet Room 124
ELIOT BATTLE ELEMENTARY SCHOOL	EBES	51	Classroom Faucet 339
WEST BOULEVARD ELEMENTARY	WBE	22	Room 203 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	14	Room 138 - Drinking Water Fountain 456
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	19	Room 212 - Classroom Faucet 0759
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	21	Room 215 - Classroom Faucet @8@2
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	24	Room 213 - Classroom Faucet @804
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	26	Room 220 - Classroom Faucet Ø805
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	28	Main Hallway - Electric Water Cooler Ø8(2
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	29	Room 106 - Classroom Faucet 0815
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	30	Room 100F Nurse Office Faucet 0818
	RBE	31	Room 100F Nurse Bathroom Faucet 0820
ROCK BRIDGE ELEMENTARY SCHOOL	-	32	Work Room 100C Faucet Ø821
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	-	Work Room 100C Faucet #821 Work Room 100 C Bathroom Faucet #823
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	33	
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	34	Hallway Room 100F - Electric Water Cooler 0815
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	35	Room 302 - Classroom Faucet Ø871
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	36	Room 301 - Classroom Faucet Ø8 33
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	37	Room 304 - Classroom Faucet Ø834
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	38	Room 308 - Classroom Faucet 0837
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	39	Room 309 - Classroom Faucet 0839
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	40	Room 310 - Classroom Faucet Ø84Ø
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	41	Room 311 - Classroom Faucet Ø841
	1	I	

04/01/22

January 6, 2022

Mr. Michael Travis Corporate Director of Quality Assurance Pace Analytical Services, LLC – Peoria, Illinois (Lab #870) 2231 West Altorfer Drive Peoria, IL 61615-1807

Dear Mr. Travis:

The Missouri Department of Natural Resources has received your notification that PDC Laboratories, LLC was purchased by Pace Analytical Services, LLC effective December 13, 2021 and that the new laboratory name is Pace Analytical Services, LLC –Peoria, Illinois. The Department has also received a copy of the new Environmental Laboratory Accreditation granted by the State of Illinois with your new laboratory name. Therefore, the Department hereby reciprocally certifies Pace Analytical Services, LLC – Peoria, Illinois under the provisions of the Missouri Safe Drinking Water Regulations to perform chemical analyses for public water systems in the State of Missouri.

Enclosed please find a certificate of approval and a certified parameter list for your laboratory. The certified parameter list references the parameters and methods of analysis that the Department has approved. Your certification will expire on June 30, 2022, and is contingent upon no changes of the approved methods or equipment and maintenance of certification from the primary certification authority.

Thank you for your efforts to comply with Missouri's laboratory certification requirements. Should there be any changes to your Illinois certification status, please notify this office within 30 days. Direct any notifications or inquiries related to the approval to Lauren Ferland of my staff, who may be reached at P.O. Box 176, Jefferson City, MO 65102, or by telephone at 573-526-0135.

Sincerely,

WATER PROTECTION PROGRAM

David J/Lamb

Public Drinking Water Branch Chief

DJL/lf

**Enclosures** 

c: Mr. Richard Kirsch, Environmental Services Program



#### MISSOURI DEPARTMENT OF NATURAL RESOURCES

#### DRINKING WATER LABORATORY

#### CERTIFIED PARAMETER LIST

This is to certify that

# Pace Analytical Services, LLC - Peoria, Illinois

located at

2231 West Altorfer Drive, Peoria, Illinois 61615-1807

has been approved to perform the indicated procedures on drinking water under the Missouri Public Drinking Water Regulations (10 CSR 60-5.020). Specific method numbers or references are included in parenthesis when appropriate.

#### **INORGANIC**

SM 4500F-C

Fluoride

SM 4500NO3-F

Nitrate, Nitrite

**EPA 200.7** 

Barium, Beryllium, Cadmium,

Chromium, Copper, Nickel

**EPA 200.8** 

Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Thallium

**EPA 245.1** 

Mercury

**EPA 300.0** 

Fluoride, Nitrate, Nitrite

**EPA 335.4** 

Total cyanide

EPA 353.2

Nitrate, Nitrite, Total Nitrate and Nitrite

#### **ORGANIC**

#### **EPA 504.1**

Dibromochloropropane (DBCP), Ethylene dibromide (EDB)

#### EPA 515.3

2,4-D, Dalapon, Dinoseb, Pentachlorophenol, Picloram, 2,4,5-TP (Silvex)

#### **EPA 524.2**

Benzene, Carbon tetrachloride, Monochlorobenzene, o-Dichlorobenzene, para-Dichlorobenzene, 1,2-Dichloroethane, 1,1-Dichloroethylene, cis-1-2-Dichloroethylene, trans-1-2-Dichloroethylene, Dichloromethane, 1,2-Dichloropropane, Ethylbenzene, Styrene, Tetrachloroethylene, Toluene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethylene, Vinyl Chloride, Xylenes (total), Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane, Total THMs

#### **EPA 525.2**

Alachlor, Atrazine, Chlordane, Di(2-ethylhexyl)adipate, Di(2-ethylhexl)phthalate, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Methoxychlor, Simazine, Toxaphene, PCBs (as Arochlors, qualitative, screening)

#### **EPA 531.1**

Carbofuran, Oxamyl (Vydate)

#### **EPA 547**

Glyphosate

#### **EPA 548.1**

Endothall

#### **EPA 549.2**

Diquat

#### **EPA 550**

Benzo(a)pyrene

#### EPA 552.2

Dibromoacetic acid, Dichloroacetic acid, Monobromoacetic acid, Monochloroacetic acid, Trichloroacetic acid

Pace Analytical Services, LLC - Peoria, Illinois

Expiration Date: June 30, 2022
Missouri Certificate No.: 870
Original Certifying State: Illinois

## State of Missouri Department of Natural Resources

Certificate of Approval for Chemical Laboratory Service

This is to certify that

### Pace Analytical Services, LLC – Peoria, Illinois

is hereby approved to perform the analysis of drinking water as specified on the Certified Parameter List, which must accompany this certificate to be valid.

Certification Number	870	egd for -l
Date Issued	January 6, 2022	Laboratory Certification Authority, Public Drinking Water Branch Missouri Department of Natural Resources
Expiration Date	June 30, 2022	Rola Vise Certification Program Manager, Environmental Services Program

Missouri Department of Natural Resources