



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

DATE: April 12, 2022

FACILITY NAME: **ELIOT BATTLE ELEMENTARY SCHOOL**

A. SAMPLE COLLECTION

- | | |
|--|--------|
| 1. NUMBER OF SAMPLES COLLECTED AT THIS FACILITY | 52 |
| 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 | 100.0% |
| 1. 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:

Joshua D. Lehmen, PE



August 25, 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 **55** sample(s) the laboratory received on **7/28/21 3:20 pm** and logged in under work order **EG05600**. 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 EG05600

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



Case Narrative

ESS sample #'s 33-Classroom Faucet 301, 34-Restroom Faucet 301 and 47-Classroom Faucet 313 A - 2 Bottles received for each sample





ANALYTICAL RESULTS

Sample: EG05600-01
Name: 1. Kitchen Faucet Room 124
Alias: EBES-KF-124

Sampled: 07/24/21 11:04
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	59	ug/L		1300	07/30/21 15:23	TJJ	EPA 200.8 REV 5.4
Lead	23	ug/L		**15	07/30/21 15:23	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-02
Name: 2. Cafeteria Water Cooler Room 122
Alias: EBES-EWC-122

Sampled: 07/24/21 11:03
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	110	ug/L		1300	07/30/21 15:24	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:24	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-03
Name: 3. Northeast Wash Area Electric Cooler
Alias: EBES-EWC-NE

Sampled: 07/24/21 11:02
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	77	ug/L		1300	07/30/21 15:26	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:26	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-04
Name: 4. Classroom Faucet Cold Room 227
Alias: EBES-CF-227

Sampled: 07/24/21 11:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	94	ug/L		1300	07/30/21 15:27	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:27	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-05
Name: 5. Classroom Faucet Cold Room 206
Alias: EBES-CF-206

Sampled: 07/24/21 10:50
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	07/30/21 15:29	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:29	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-06
Name: 6. Nurse Office Faucet 108
Alias: EBES-NSF-108

Sampled: 07/24/21 10:39
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	07/30/21 15:30	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:30	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-07
Name: 7. Workroom Teacher Lounge Faucet 105
Alias: EBES-TLF-105

Sampled: 07/24/21 10:39
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	07/30/21 15:32	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:32	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-08
Name: 8. Northwest Wash Area Electric Water Cooler
Alias: EBES-EWC-NW

Sampled: 07/24/21 10:44
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	110	ug/L		1300	07/30/21 15:41	TJJ	EPA 200.8 REV 5.4
Lead	2.3	ug/L		15	07/30/21 15:41	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-09
Name: 9. Gym Electric Water Cooler 120
Alias: EBES-EWC-120

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	08/03/21 16:06	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:06	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-10
Name: 10. Workroom Kitchen Faucet 112
Alias: EBES-KF-112

Sampled: 07/24/21 10:45
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	18	ug/L		1300	07/30/21 15:43	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:43	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-11
Name: 11. Southwest Wash Area Electric Water Cooler
Alias: EBES-EWC-SW

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	08/03/21 16:08	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:08	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-12
Name: 13. Restroom Faucet 307
Alias: EBES-RRF-307

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	08/03/21 16:09	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:09	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-13**Name:** 14. Breakroom Teachers Lounge Faucet 123**Alias:** EBES-TLF-123**Sampled:** 07/24/21 11:09**Received:** 07/28/21 11:55**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	07/30/21 15:44	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:44	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-14**Name:** 15. East Playground Drinking Water Fountain**Alias:** EBES-DWF-EAST**Sampled:** 07/24/21 11:12**Received:** 07/28/21 11:55**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	07/30/21 15:46	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:46	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-15**Name:** 16. Classroom Faucet 219**Alias:** EBES-CF-219**Sampled:** 07/24/21 10:53**Received:** 07/28/21 11:55**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	88	ug/L		1300	07/30/21 15:47	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:47	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-16**Name:** 17. Classroom Faucet 216**Alias:** EBES-CF-216**Sampled:** 07/24/21 10:57**Received:** 07/28/21 11:55**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	07/30/21 15:48	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:48	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-17
Name: 18. Classroom Faucet 221
Alias: EBES-CF-221

Sampled: 07/24/21 10:55
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	07/30/21 15:50	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:50	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-18
Name: 19. Classroom Faucet 218
Alias: EBES-CF-218

Sampled: 07/24/21 10:57
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	96	ug/L		1300	07/30/21 15:51	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:51	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-19
Name: 20. Classroom Faucet 223
Alias: EBES-CF-223

Sampled: 07/24/21 10:53
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	07/30/21 15:58	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:58	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-20
Name: 21. Classroom Faucet 220
Alias: EBES-CF-220

Sampled: 07/24/21 10:58
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	07/30/21 15:59	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 15:59	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-21
Name: 22. Classroom Faucet 225
Alias: EBES-CF-225

Sampled: 07/24/21 10:59
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	07/30/21 16:02	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:02	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-22
Name: 23. Classroom Faucet 222
Alias: EBES-CF-222

Sampled: 07/24/21 11:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	07/30/21 16:04	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:04	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-23
Name: 24. Classroom Faucet 212
Alias: EBES-CF-212

Sampled: 07/24/21 10:45
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	81	ug/L		1300	07/30/21 16:05	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:05	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-24
Name: 25. Classroom Faucet 202
Alias: EBES-CF-202

Sampled: 07/24/21 10:42
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	07/30/21 16:07	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:07	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-25
Name: 26. Classroom Faucet 201
Alias: EBES-CF-201

Sampled: 07/24/21 10:49
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	07/30/21 16:08	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:08	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-26
Name: 27. Classroom Faucet 204
Alias: EBES-CF-204

Sampled: 07/24/21 10:50
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	07/30/21 16:10	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:10	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-27
Name: 28. Classroom Faucet 203
Alias: EBES-CF-203

Sampled: 07/24/21 10:41
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	07/30/21 16:11	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:11	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-28
Name: 29. Classroom Faucet 205
Alias: EBES-CF-205

Sampled: 07/24/21 10:44
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	07/30/21 16:20	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:20	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-29
Name: 30. NW Staff/Adult Restroom Faucet
Alias: EBES-RRF-NW

Sampled: 07/24/21 10:53
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	110	ug/L		1300	07/30/21 16:22	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:22	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-30
Name: 31. Staff/Adult Restroom Faucet 104
Alias: EBES-RRF-104

Sampled: 07/24/21 10:45
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	07/30/21 16:23	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:23	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-31
Name: 32. SW Staff/Adult Restroom Faucet
Alias: EBES-RRF-SW

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	08/03/21 16:10	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:10	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-32
Name: 33. Classroom Faucet 301
Alias: EBES-CF-301

Sampled: 07/24/21 11:23
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	150	ug/L		1300	07/30/21 16:25	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:25	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-33
Name: 34. Restroom Faucet 301
Alias: EBES-RRF-301

Sampled: 07/24/21 11:22
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	07/30/21 16:26	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:26	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-36
Name: 37. Classroom Faucet 303
Alias: EBES-CF-303

Sampled: 07/24/21 11:24
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	07/30/21 16:28	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:28	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-37
Name: 38. Restroom Faucet 303
Alias: EBES-RRF-303

Sampled: 07/24/21 11:25
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	07/30/21 16:29	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:29	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-38
Name: 39. Classroom Faucet 304
Alias: EBES-CF-304

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/03/21 16:12	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:12	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-39
Name: 40. Restroom Faucet 304
Alias: EBES-RRF-304

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	170	ug/L		1300	08/03/21 16:13	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:13	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-40
Name: 41. Classroom Faucet 305
Alias: EBES-CF-305

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	08/03/21 16:15	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:15	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-41
Name: 42. Restroom Faucet 305
Alias: EBES-RRF-305

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	150	ug/L		1300	08/03/21 16:21	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:21	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-43
Name: 44. Restroom Faucet 306
Alias: EBES-CF-306

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	170	ug/L		1300	08/03/21 16:26	TJJ	EPA 200.8 REV 5.4
Lead	1.7	ug/L		15	08/03/21 16:26	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-44
Name: 45. Classroom Faucet 2
Alias: EBES-CF-313

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	82	ug/L		1300	08/03/21 16:27	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:27	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-45
Name: 46. Classroom Faucet 3
Alias: EBES-CF-313

Sampled: 07/24/21 00:00
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	79	ug/L		1300	08/03/21 16:29	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/03/21 16:29	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-46
Name: 47. Classroom Faucet 313 A
Alias: EBES-CF-313A

Sampled: 07/24/21 11:17
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	1000	ug/L		1300	07/30/21 16:31	TJJ	EPA 200.8 REV 5.4
Lead	2.2	ug/L		15	07/30/21 16:31	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-47
Name: 48. Classroom Faucet 1 317 - East
Alias: EBES-CF-317

Sampled: 07/24/21 11:16
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	98	ug/L		1300	07/30/21 16:40	TJJ	EPA 200.8 REV 5.4
Lead	2.9	ug/L		15	07/30/21 16:40	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-48
Name: 49. Classroom Faucet 2 317 - West
Alias: EBES-CF-317

Sampled: 07/24/21 11:16
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	67	ug/L		1300	07/30/21 16:41	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:41	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-49
Name: 50. Restroom Faucet 344
Alias: EBES-RRF-344

Sampled: 07/24/21 11:12
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	07/30/21 16:43	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:43	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-50
Name: 51. Classroom Faucet 339
Alias: EBES-CF-339

Sampled: 07/24/21 11:17
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	2400	ug/L		**1300	08/03/21 13:08	KMC	EPA 200.8 REV 5.4
Lead	4.6	ug/L		15	08/03/21 12:07	KMC	EPA 200.8 REV 5.4

Sample: EG05600-52
Name: 53. NE Staff/Adult Restroom Faucet
Alias: EBES-RRF-NE

Sampled: 07/24/21 11:05
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	07/30/21 16:44	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:44	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EG05600-53
Name: 33. Classroom Faucet 301
Alias: 2nd bottle for EG05600-32

Sampled: 07/24/21 11:20
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	99	ug/L		1300	07/30/21 16:46	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:46	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-54
Name: 34. Restroom Faucet 301
Alias: 2nd Bottle for EG05600-33

Sampled: 07/24/21 11:24
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	200	ug/L		1300	07/30/21 16:47	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:47	TJJ	EPA 200.8 REV 5.4

Sample: EG05600-55
Name: 47. Classroom Faucet 313 A
Alias: 2nd Bottle for EG05600-46

Sampled: 07/24/21 11:15
Received: 07/28/21 11:55
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	75	ug/L		1300	07/30/21 16:49	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	07/30/21 16:49	TJJ	EPA 200.8 REV 5.4



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

Certified by: Erin Lane, Project Manager



CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED VO

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT Engineering Surveys & Services		PROJECT NUMBER L14571		PROJECT LOCATION Columbia, MO		PURCHASE ORDER #		3 ANALYSIS REQUESTED		4 (FOR LAB USE ONLY) LOGIN # EG05600-SS LOGGED BY: DCW CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #:					
ADDRESS 1113 Fay Street		PHONE NUMBER 573-449-2646		E-MAIL jlehmen@ess-inc.com		DATE SHIPPED 7-16-21		Lead & Copper		REMARKS					
CITY STATE ZIP Columbia, MO		SAMPLER (PLEASE PRINT) Josh Lehmen		SAMPLER'S SIGNATURE		MATRIX TYPES: WW- WASTEWATER DW- DRINKING WATER GW- GROUND WATER WWSL- SLUDGE NAS- NON AQUEOUS SOLID LCHT- LEACHATE OIL- OIL SO- SOIL SO- SOIL									
CONTACT PERSON Josh Lehmen		SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT) Battle Elementary School		DATE COLLECTED		TIME COLLECTED		SAMPLE TYPE GRAB X		MATRIX TYPE		BOTTLE COUNT		PRES CODE CLIENT PROVIDED	
CHEMICAL PRESERVATION CODES: 1- HCL 2- H2SO4 3- HNO3 4- NAOH 5- NA2S2O3 6- UNPRESERVED 7- OTHER															
5 TURNDOWN TIME REQUESTED (PLEASE CIRCLE) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE) RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL PHONE		NORMAL RUSH		DATE RESULTS NEEDED		6 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)							
7 RELINQUISHED BY: (SIGNATURE) RELINQUISHED BY: (SIGNATURE) RELINQUISHED BY: (SIGNATURE)		DATE TIME DATE TIME DATE TIME		RECEIVED BY: (SIGNATURE) RECEIVED BY: (SIGNATURE) RECEIVED BY: (SIGNATURE)		DATE TIME DATE TIME DATE TIME		8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT CHILL PROCESS STARTED PRIOR TO RECEIPT SAMPLE(S) RECEIVED ON ICE SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED DATE AND TIME TAKEN FROM SAMPLE BOTTLE		Y OR N Y OR N Y OR N YES					

Location:	Elliot Battle Elementary Schools
Sample Date:	7/24/2021
Sample Time:	Various
Sampled By:	Cullan Even and Joe Rolsing

Sample No.	Coding System	Description	Sample Collected
1104 1	EBES-KF-124	Kitchen Faucet Room 124	Yes
1103 2	EBES-EWC-122	Cafeteria Water Cooler Room 122	Yes
1102 3	EBES-EWC-NE	Northeast Wash Area Electric Water Cooler	Yes
1100 4	EBES-CF-227	Classroom Faucet Cold Room 227	Yes
1100 5	EBES-CF-206	Classroom Faucet Cold Room 206	Yes
1039 6	EBES-NSF-108	Nurse Office Faucet 108	Yes
1039 7	EBES-TLF-105	Workroom Teacher Lounge Faucet 105	Yes
1044 8	EBES-EWC-NW	Northwest Wash Area Electric Water Cooler	Yes
9	EBES-EWC-120	Gym Electric Water Cooler 120	Yes
1045 10	EBES-KF-112	Workroom Kitchen Faucet 112	Yes
11	EBES-EWC-SW	Southwest Wash Area Electric Water Cooler	Yes
12	EBES-DWF-West	West Drinking Water Fountain - REMOVED	No
13	EBES-RRF-307	Restroom Faucet 307	Yes
1109 14	EBES-TLF-123	Breakroom Teachers Lounge Faucet 123	Yes
1112 15	EBES-DWF-East	East Playground Drinking Water Fountain	Yes
1053 16	EBES-CF-219	Classroom Faucet 219	Yes
1057 17	EBES-CF-216	Classroom Faucet 216	Yes
1055 18	EBES-CF-221	Classroom Faucet 221	Yes
1057 19	EBES-CF-218	Classroom Faucet 218	Yes
1053 20	EBES-CF-223	Classroom Faucet 223	Yes
1058 21	EBES-CF-220	Classroom Faucet 220	Yes
1059 22	EBES-CF-225	Classroom Faucet 225	Yes
1100 23	EBES-CF-222	Classroom Faucet 222	Yes
1045 24	EBES-CF-212	Classroom Faucet 212	Yes
1042 25	EBES-CF-202	Classroom Faucet 202	Yes
1049 26	EBES-CF-201	Classroom Faucet 201	Yes
1050 27	EBES-CF-204	Classroom Faucet 204	Yes
1041 28	EBES-CF-203	Classroom Faucet 203	Yes
1044 29	EBES-CF-205	Classroom Faucet 205	Yes
1053 30	EBES-RRF-NW	NW Staff/Adult Restroom Faucet	Yes
1045 31	EBES-RRF-104	Staff/Adult Restroom Faucet 104	Yes
32	EBES-RRF-SW	SW Staff/Adult Restroom Faucet	Yes
1123 33	EBES-CF-301	Classroom Faucet 301	Yes
1122 34	EBES-RRF-301	Restroom Faucet 301	Yes
35	EBES-CF-302	Classroom Faucet 302	Yes
36	EBES-RRF-302	Restroom Faucet 302	Yes
1124 37	EBES-CF-303	Classroom Faucet 303	Yes
1125 38	EBES-RRF-303	Restroom Faucet 303	Yes
39	EBES-CF-304	Classroom Faucet 304	Yes

40	EBES-RRF-304	Restroom Faucet 304	Yes
41	EBES-CF-305	Classroom Faucet 305	Yes
42	EBES-RRF-305	Restroom Faucet 305	Yes
43	EBES-CF-313	Classroom Faucet 1 313	Yes
44	EBES-CF-306	Restroom Faucet 306	Yes
45	EBES-CF-313	Classroom Faucet 2	Yes
46	EBES-CF-313	Classroom Faucet 3	Yes
1117 47	EBES-CF-313A	Classroom Faucet 313A	Yes
1116 48	EBES-CF-317	Classroom Faucet 1 317 - East	Yes
1116 49	EBES-CF-317	Classroom Faucet 2 317 - West	Yes
1112 50	EBES-RRF-344	Restroom Faucet 344	Yes
1117 51	EBES-CF-339	Classroom Faucet 339	Yes
1105 52	EBES-RRF-SW	SW Staff/Adult Restroom Faucet	Yes
1105 53	EBES-RRF-NE	NE Staff/Adult Restroom Faucet	Yes



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

April 07, 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 **2** sample(s) the laboratory received on **4/4/22 2:50 pm** and logged in under work order **FD00506**. 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.

A handwritten signature in black ink that reads 'Erin M. Lane'.

Erin Lane
Project Manager
(309)683-1767
erin.lane@pacelabs.com

**SAMPLE RECEIPT CHECK LIST**

Items not applicable will be marked as in compliance

Work Order FD00506

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



ANALYTICAL RESULTS

Sample: FD00506-01
Name: Kitchen Faucet Room 124
Alias: EBES 1

Sampled: 03/31/22 12:47
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	75	ug/L		04/06/22 09:32	1	3.0	04/06/22 15:52	KMC	EPA 200.8 REV 5.4
Lead	1.4	ug/L		04/06/22 09:32	1	1.0	04/06/22 15:52	KMC	EPA 200.8 REV 5.4

Sample: FD00506-02
Name: Classroom Faucet 339
Alias: EBES 51

Sampled: 03/31/22 12:45
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		04/06/22 09:32	1	3.0	04/06/22 15:54	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		04/06/22 09:32	1	1.0	04/06/22 15:54	KMC	EPA 200.8 REV 5.4



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

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USEPA DMR-QA Program

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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

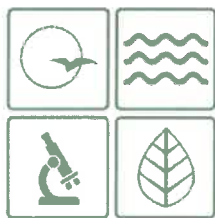


CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

QUALTRAX 3219 REV 5

School Name	School Abbreviation	Sample Number	Description
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 - Classroom 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 - Electric Water Cooler
West Middle School	WMS	56	Room 134 Orchestra - Classroom Faucet
ELIOT BATTLE ELEMENTARY SCHOOL	EBES	1	Kitchen Faucet Room 124 1247
ELIOT BATTLE ELEMENTARY SCHOOL	EBES	51	Classroom Faucet 339 1245
WEST BOULEVARD ELEMENTARY	WBE	22	Room 203 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	14	Room 138 - Drinking Water Fountain
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	19	Room 212 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	21	Room 215 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	24	Room 213 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	26	Room 220 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	28	Main Hallway - Electric Water Cooler
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	29	Room 106 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	30	Room 100F Nurse Office Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	31	Room 100F Nurse Bathroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	32	Work Room 100C Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	33	Work Room 100 C Bathroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	34	Hallway Room 100F - Electric Water Cooler
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	35	Room 302 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	36	Room 301 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	37	Room 304 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	38	Room 308 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	39	Room 309 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	40	Room 310 - Classroom Faucet
ROCK BRIDGE ELEMENTARY SCHOOL	RBE	41	Room 311 - Classroom Faucet



Missouri Department of dnr.mo.gov
NATURAL RESOURCES

Michael L. Parson, Governor

Dru Buntin, Director

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

EPA 245.1

Mercury

SM 4500NO3-F

Nitrate, Nitrite

EPA 300.0

Fluoride, Nitrate, Nitrite

EPA 200.7

Barium, Beryllium, Cadmium,
Chromium, Copper, Nickel

EPA 335.4

Total cyanide

EPA 200.8

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

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-ethylhexyl)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

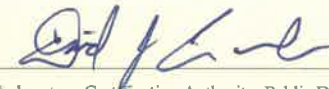
Pace Analytical Services, LLC – Peoria, Illinois

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

Date Issued January 6, 2022

Expiration Date June 30, 2022



Laboratory Certification Authority, Public Drinking Water Branch
Missouri Department of Natural Resources



Certification Program Manager, Environmental Services Program
Missouri Department of Natural Resources