



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

DATE: JANUARY 6, 2022

FACILITY NAME: **GENTRY MIDDLE SCHOOL**

A. SAMPLE COLLECTION

- | | |
|--|--------|
| 1. NUMBER OF SAMPLES COLLECTED AT THIS FACILITY | 58 |
| 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 30, 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 **59** sample(s) the laboratory received on **8/16/21 3:40 pm** and logged in under work order **EH03521**. 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 EH03521

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
YES	Case narrative provided



ANALYTICAL RESULTS

Sample: EH03521-01
Name: 1. NURSES OFFICE
Alias: GMS-__-NSF-1

Sampled: 08/13/21 05:41
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	270	ug/L		1300	08/23/21 16:01	TJJ	EPA 200.8 REV 5.4
Lead	1.6	ug/L		15	08/23/21 16:01	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-02
Name: 2. OFFICE KITCHENET
Alias: GMS-__-TLF-1

Sampled: 08/13/21 06:41
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/23/21 16:03	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:03	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-03
Name: 3. HALL BY 99
Alias: GMS-H99-EWC-1

Sampled: 08/13/21 05:45
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/23/21 16:04	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:04	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-04
Name: 4. HALL BY 101
Alias: GMS-H101-EWC-2

Sampled: 08/13/21 06:42
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/23/21 16:06	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:06	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-05
Name: 5. ROOM 101
Alias: GMS-101-DWF-1

Sampled: 08/13/21 06:45
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	290	ug/L		1300	08/23/21 16:07	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:07	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-06
Name: 6. ROOM 103
Alias: GMS-103-DWF-2

Sampled: 08/13/21 05:45
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	290	ug/L		1300	08/23/21 16:09	TJJ	EPA 200.8 REV 5.4
Lead	10	ug/L		15	08/23/21 16:09	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-07
Name: 7. ROOM 105
Alias: GMS-105-DWF-3

Sampled: 08/13/21 06:45
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	08/23/21 16:10	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:10	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-08
Name: 8. ROOM 107
Alias: GMS-107-DWF-4

Sampled: 08/13/21 06:45
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/23/21 16:19	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:19	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-09
Name: 9. HALL BY 111
Alias: GMS-H111-EWC-3

Sampled: 08/13/21 06:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	510	ug/L		1300	08/23/21 16:21	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:21	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-10
Name: 10. ROOM 111
Alias: GMS-111-DWF-5

Sampled: 08/13/21 06:50
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	290	ug/L		1300	08/23/21 16:22	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:22	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-11
Name: 11. ROOM 113
Alias: GMS-113-DWF-6

Sampled: 08/13/21 06:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/23/21 16:24	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:24	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-12
Name: 12. ROOM 115
Alias: GMS-115-DWF-7

Sampled: 08/13/21 06:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	450	ug/L		1300	08/23/21 16:25	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:25	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-13
Name: 13. ROOM 116
Alias: GMS-116-CF-1

Sampled: 08/13/21 06:50
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	310	ug/L		1300	08/23/21 16:27	TJJ	EPA 200.8 REV 5.4
Lead	16	ug/L		**15	08/23/21 16:27	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-14
Name: 14. ROOM 117
Alias: GMS-117-DWF-8

Sampled: 08/13/21 06:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	320	ug/L		1300	08/23/21 16:28	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:28	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-15
Name: 15. ROOM 118 - EAST SIDE
Alias: GMS-118-CF-2

Sampled: 08/13/21 06:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	200	ug/L		1300	08/23/21 16:30	TJJ	EPA 200.8 REV 5.4
Lead	6.4	ug/L		15	08/23/21 16:30	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-16
Name: 16. TEACHERS LOUNGE
Alias: GMS-141-TLF-2

Sampled: 08/13/21 06:13
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	08/23/21 16:39	TJJ	EPA 200.8 REV 5.4
Lead	1.6	ug/L		15	08/23/21 16:39	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-17
Name: 17. ROOM 160
Alias: GMS-160-DWF-9

Sampled: 08/13/21 06:05
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	260	ug/L		1300	08/23/21 16:40	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:40	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-18
Name: 18. ROOM 162
Alias: GMS-162-CF-3

Sampled: 08/13/21 06:15
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	280	ug/L		1300	08/23/21 16:42	TJJ	EPA 200.8 REV 5.4
Lead	1.2	ug/L		15	08/23/21 16:42	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-19
Name: 19. ROOM 163
Alias: GMS-163-CF-4

Sampled: 08/13/21 06:16
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/23/21 16:43	TJJ	EPA 200.8 REV 5.4
Lead	3.8	ug/L		15	08/23/21 16:43	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-20
Name: 20. ROOM 164
Alias: GMS-164-CF-5

Sampled: 08/13/21 06:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	780	ug/L		1300	08/23/21 16:45	TJJ	EPA 200.8 REV 5.4
Lead	3.2	ug/L		15	08/23/21 16:45	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-21
Name: 21. ROOM 166
Alias: GMS-166-CF-6

Sampled: 08/13/21 06:22
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	280	ug/L		1300	08/23/21 16:46	TJJ	EPA 200.8 REV 5.4
Lead	1.5	ug/L		15	08/23/21 16:46	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-22
Name: 22. ROOM 168
Alias: GMS-168-CF-7

Sampled: 08/13/21 06:24
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	390	ug/L		1300	08/23/21 16:48	TJJ	EPA 200.8 REV 5.4
Lead	1.2	ug/L		15	08/23/21 16:48	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-23
Name: 23. ROOM 167
Alias: GMS-167-CF-8

Sampled: 08/13/21 06:15
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	340	ug/L		1300	08/25/21 14:25	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 14:25	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-24
Name: 24. ROOM 165
Alias: GMS-165-CF-9

Sampled: 08/13/21 06:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	300	ug/L		1300	08/23/21 16:55	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:55	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-25
Name: 25. HALL BY 150
Alias: GMS-H150-EWC-4

Sampled: 08/13/21 06:28
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	370	ug/L		1300	08/23/21 16:57	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/23/21 16:57	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-26
Name: 26. ROOM 150
Alias: GMS-150-DWF-10

Sampled: 08/13/21 06:25
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	280	ug/L		1300	08/25/21 12:26	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 12:26	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-27
Name: 27. ROOM 152
Alias: GMS-152-CF-10

Sampled: 08/13/21 06:30
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	260	ug/L		1300	08/25/21 12:28	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 12:28	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-28
Name: 28. ROOM 154
Alias: GMS-154-CF-11

Sampled: 08/13/21 06:30
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/25/21 12:29	TJJ	EPA 200.8 REV 5.4
Lead	2.4	ug/L		15	08/25/21 12:29	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-29
Name: 29. ROOM 155
Alias: GMS-155-CF-12

Sampled: 08/13/21 06:30
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	150	ug/L		1300	08/25/21 12:31	TJJ	EPA 200.8 REV 5.4
Lead	3.4	ug/L		15	08/25/21 12:31	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-30
Name: 30. ROOM 153
Alias: GMS-153-CF-13

Sampled: 08/13/21 06:25
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	170	ug/L		1300	08/25/21 12:32	TJJ	EPA 200.8 REV 5.4
Lead	1.5	ug/L		15	08/25/21 12:32	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-31
Name: 31. ROOM 153
Alias: GMS-153-CF-14

Sampled: 08/13/21 06:25
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/25/21 13:25	TJJ	EPA 200.8 REV 5.4
Lead	4.7	ug/L		15	08/25/21 13:25	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-32
Name: 32. ROOM 153
Alias: GMS-153-CF-15

Sampled: 08/13/21 06:25
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	08/25/21 13:26	TJJ	EPA 200.8 REV 5.4
Lead	6.3	ug/L		15	08/25/21 13:26	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-33
Name: 33. ROOM 149 - BOYS LOCKER ROOM
Alias: GMS-149-EWC-5

Sampled: 08/13/21 06:45
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	350	ug/L		1300	08/25/21 13:28	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:28	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-34
Name: 34. ROOM 148 - GIRLS LOCKER ROOM
Alias: GMS-148-EWC-6

Sampled: 08/13/21 06:44
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/25/21 13:29	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:29	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-35
Name: 35. ROOM 170
Alias: GMS-170-EWC-7

Sampled: 08/13/21 00:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	260	ug/L		1300	08/25/21 13:31	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:31	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-36
Name: 36. ROOM 171
Alias: GMS-171-EWC-8

Sampled: 08/13/21 06:45
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/25/21 13:32	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:32	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-37
Name: 37. ROOM 172
Alias: GMS-172-EWC-9

Sampled: 08/13/21 06:50
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	310	ug/L		1300	08/25/21 13:33	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:33	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-38
Name: 38. KITCHEN
Alias: GMS-__-KF-1

Sampled: 08/13/21 06:50
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	310	ug/L		1300	08/25/21 13:35	TJJ	EPA 200.8 REV 5.4
Lead	2.3	ug/L		15	08/25/21 13:35	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-39
Name: 39. HALL BY 220
Alias: GMS-H220-EWC-10

Sampled: 08/13/21 06:58
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	530	ug/L		1300	08/25/21 13:44	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:44	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-40
Name: 40. ROOM 211
Alias: GMS-211-DWF-11

Sampled: 08/13/21 06:55
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/25/21 13:46	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:46	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-41
Name: 41. ROOM 213
Alias: GMS-213-DWF-12

Sampled: 08/13/21 07:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/25/21 13:47	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:47	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-42
Name: 42. ROOM 215
Alias: GMS-215-DWF-13

Sampled: 08/13/21 07:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/25/21 13:49	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:49	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-43
Name: 43. ROOM 216
Alias: GMS-216-CF-16

Sampled: 08/13/21 07:00
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	200	ug/L		1300	08/25/21 13:50	TJJ	EPA 200.8 REV 5.4
Lead	23	ug/L		**15	08/25/21 13:50	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-44
Name: 44. ROOM 217
Alias: GMS-217-DWF-14

Sampled: 08/13/21 07:05
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	08/25/21 13:52	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 13:52	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-45
Name: 45. ROOM 218 - EAST WALL
Alias: GMS-218-CF-17

Sampled: 08/13/21 07:05
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/25/21 13:53	TJJ	EPA 200.8 REV 5.4
Lead	26	ug/L		**15	08/25/21 13:53	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-46
Name: 46. ROOM 218 - WEST WALL
Alias: GMS-218-CF-18

Sampled: 08/13/21 07:25
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	300	ug/L		1300	08/25/21 13:55	TJJ	EPA 200.8 REV 5.4
Lead	43	ug/L		**15	08/25/21 13:55	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-47
Name: 47. HALL BY 201
Alias: GMS H201-EWC-11

Sampled: 08/13/21 07:06
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	450	ug/L		1300	08/25/21 14:04	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 14:04	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-48
Name: 48. ROOM 201
Alias: GMS-201-DWF-15

Sampled: 08/13/21 07:06
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/25/21 14:05	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 14:05	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-49
Name: 49. ROOM 203
Alias: GMS-203-DWF-16

Sampled: 08/13/21 07:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/25/21 14:07	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 14:07	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-50
Name: 50. ROOM 205
Alias: GMS-205-DWF-17

Sampled: 08/13/21 07:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	170	ug/L		1300	08/25/21 14:08	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 14:08	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-51
Name: 51. ROOM 207
Alias: GMS-207-DWF-18

Sampled: 08/13/21 07:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	150	ug/L		1300	08/25/21 14:10	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/25/21 14:10	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-52
Name: 52. ROOM 208 - WEST WALL
Alias: GMS-208-CF-19

Sampled: 08/13/21 07:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/25/21 14:11	TJJ	EPA 200.8 REV 5.4
Lead	14	ug/L		15	08/25/21 14:11	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-53
Name: 53. ROOM 99
Alias: GMS-99-CF-20

Sampled: 08/13/21 06:54
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	330	ug/L		1300	08/25/21 14:13	TJJ	EPA 200.8 REV 5.4
Lead	40	ug/L		**15	08/25/21 14:13	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-54
Name: 54. ROOM 106
Alias: GMS-106-CF-21

Sampled: 08/13/21 05:35
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/25/21 14:14	TJJ	EPA 200.8 REV 5.4
Lead	6.1	ug/L		15	08/25/21 14:14	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-55
Name: 55. ROOM 108 SOUTHEAST SINK
Alias: GMS-108-CF-22

Sampled: 08/13/21 06:50
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	340	ug/L		1300	08/25/21 14:26	TJJ	EPA 200.8 REV 5.4
Lead	7.8	ug/L		15	08/25/21 14:26	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-56
Name: 56. ROOM 118 WEST SINK
Alias: GMS-118-CF-23

Sampled: 08/13/21 06:05
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	08/25/21 14:28	TJJ	EPA 200.8 REV 5.4
Lead	13	ug/L		15	08/25/21 14:28	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH03521-57
Name: 57. MEDIA CENTER LOUNGE
Alias: GMS-MCL-CF-24

Sampled: 08/13/21 06:10
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/25/21 14:29	TJJ	EPA 200.8 REV 5.4
Lead	12	ug/L		15	08/25/21 14:29	TJJ	EPA 200.8 REV 5.4

Sample: EH03521-59
Name: 59. ROOM 208 - EAST WALL
Alias: GMS-208-CF-26

Sampled: 08/13/21 07:15
Received: 08/16/21 15:40
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	320	ug/L		1300	08/25/21 14:31	TJJ	EPA 200.8 REV 5.4
Lead	9.1	ug/L		15	08/25/21 14:31	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





PDC LABORATORIES, INC.
WWW.PDCLAB.COM

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

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED MO

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

1 CLIENT Engineering Surveys & Services ADDRESS 1113 Fay Street CITY STATE ZIP Columbia, MO CONTACT PERSON Josh Lehmen		PROJECT NUMBER L14571		PROJECT LOCATION Columbia, MO		PURCHASE ORDER #		3 ANALYSIS REQUESTED				4 (FOR LAB USE ONLY) LOGIN # <u>E403521-59</u> LOGGED BY: <u>KEZ</u> CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #:	
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT) Gentry Middle School		DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB COMP		MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	Copper & Lead				REMARKS
				X									
CHEMICAL PRESERVATION CODES: 1-HCL 2-H2SO4 3-HNO3 4-NAOH 5-NA2S2O3 6-UNPRESERVED 7-OTHER													
5 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:				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) <u>Josh Lehmen</u>		DATE 8-13-21	RECEIVED BY: (SIGNATURE) <u>Beetler</u>				DATE 8-13-21	8 COMMENTS: (FOR LAB USE ONLY)					
RELINQUISHED BY: (SIGNATURE) <u>Beetler</u>		TIME 10:30A	RECEIVED BY: (SIGNATURE)				TIME 12:27	SAMPLE TEMPERATURE UPON RECEIPT <u>20.1</u> °C					
RELINQUISHED BY: (SIGNATURE)		DATE 8-13-21	RECEIVED BY: (SIGNATURE) <u>Beetler</u>				DATE 8/16/21						
		TIME					TIME 1540	CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N SAMPLE(S) RECEIVED ON ICE Y OR N SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N DATE AND TIME TAKEN FROM SAMPLE					

Location:	Gentry Middle School
Sample Date:	8/13/2021
Sample Time:	Various
Sampled By:	Randy Lee & Cullan Even

Sample No.	Coding System	Description	Sample Collected
1	GMS-__-NSF-1	Nurses Station Faucet	Yes
2	GMS-__-TLF-1	Office Kitchenet - Teacher Lounge Faucet	Yes
3	GMS-H99-EWC-1	Hall by 99 - Electric Water Cooler	Yes
4	GMS-H101-EWC-2	Hall by 101 - Electric Water Cooler	Yes
5	GMS-101-DWF-1	Room 101 - Drinking Water Fountain	Yes
6	GMS-103-DWF-2	Room 103 - Drinking Water Fountain	Yes
7	GMS-105-DWF-3	Room 105 - Drinking Water Fountain	Yes
8	GMS-107-DWF-4	Room 107 - Drinking Water Fountain	Yes
9	GMS-H111-EWC-3	Hall by 111 - Electric Water Cooler	Yes
10	GMS-111-DWF-5	Room 111 - Drinking Water Fountain	Yes
11	GMS-113-DWF-6	Room 113 - Drinking Water Fountain	Yes
12	GMS-115-DWF-7	Room 115 - Drinking Water Fountain	Yes
13	GMS-116-CF-1	Room 116 - Classroom Faucet	Yes
14	GMS-117-DWF-8	Room 117 - Drinking Water Fountain	Yes
15	GMS-118-CF-2	Room 118 - East Side - Classroom Faucet	Yes
16	GMS-141-TLF-2	Teachers Lounge Faucet	Yes
17	GMS-160-DWF-9	Room 160 - Drinking Water Fountain	Yes
18	GMS-162-CF-3	Room 162 - Classroom Faucet	Yes
19	GMS-163-CF-4	Room 163 - Classroom Faucet	Yes
20	GMS-164-CF-5	Room 164 - Classroom Faucet	Yes
21	GMS-166-CF-6	Room 166 - Classroom Faucet	Yes
22	GMS-168-CF-7	Room 168 - Classroom Faucet	Yes
23	GMS-167-CF-8	Room 167 - Classroom Faucet	Yes
24	GMS-165-CF-9	Room 165 - Classroom Faucet	Yes
25	GMS-H150-EWC-4	Hall by 150 - Electric Water Cooler	Yes
26	GMS-150-DWF-10	Room 150 - Drinking Water Fountain	Yes
27	GMS-152-CF-10	Room 152 - Classroom Faucet	Yes
28	GMS-154-CF-11	Room 154 - Classroom Faucet	Yes
29	GMS-155-CF-12	Room 155 - Classroom Faucet	Yes
30	GMS-153-CF-13	Room 153 - Classroom Faucet	Yes
31	GMS-153-CF-14	Room 153 - Classroom Faucet	Yes
32	GMS-153-CF-15	Room 153 - Classroom Faucet	Yes
33	GMS-149-EWC-5	Room 149 - Boys Locker Room - Electric Water Cool	Yes
34	GMS-148-EWC-6	Room 148 - Girls Locker Room - Electric Water Cool	Yes
35	GMS-170-EWC-7	Room 170 - Electric Water Cooler	Yes
36	GMS-171-EWC-8	Room 171 - Electric Water Cooler	Yes
37	GMS-172-EWC-9	Room 172 - Electric Water Cooler	Yes
38	GMS-__-KF-1	Kitchen Faucet	Yes
39	GMS-H220-EWC-10	Hall by 220 - Electric Water Cooler	Yes
40	GMS-211-DWF-11	Room 211 - Drinking Water Fountain	Yes

41	GMS-213-DWF-12	Room 213 - Drinking Water Fountain	Yes
42	GMS-215-DWF-13	Room 215 - Drinking Water Fountain	Yes
43	GMS-216-CF-16	Room 216 - Classroom Faucet	Yes
44	GMS-217-DWF-14	Room 217 - Drinking Water Fountain	Yes
45	GMS-218-CF-17	Room 218 - East Wall - Classroom Faucet	Yes
46	GMS-218-CF-18	Room 218 - West Wall - Classroom Faucet	Yes
47	GMS-H201-EWC-11	Hall by 201 - Electric Water Cooler	Yes
48	GMS-201-DWF-15	Room 201 - Drinking Water Fountain	Yes
49	GMS-203-DWF-16	Room 203 - Drinking Water Fountain	Yes
50	GMS-205-DWF-17	Room 205 - Drinking Water Fountain	Yes
51	GMS-207-DWF-18	Room 207 - Drinking Water Fountain	Yes
52	GMS-208-CF-19	Room 208 - West Wall - Classroom Faucet	Yes
53	GMS-99-CF-20	Room 99 - Classroom Faucet	Yes
54	GMS-106-CF-21	Room 106 - Classroom Faucet	Yes
55	GMS-108-CF-22	Room 108 Southeast Sink - Classroom Faucet	Yes
56	GMS-118-CF-23	Room 118 West Sink - Classroom Faucet	Yes
57	GMS-MCL-CF-24	Media Center Lounge - Classroom Faucet	Yes
58	GMS-206-CF-25	Room 206 - Classroom Faucet (Water Off)	No
59	GMS-208-CF-26	Room 208 - East Wall - Classroom Faucet	Yes



"First Flush" Resampling

ANALYTICAL RESULTS

Sample: EL04058-32
Name: 13. Room 116 - Classroom Faucet
Alias: GMS-116-CF-1

Sampled: 12/15/21 05:13
Received: 12/20/21 15:10
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	130	ug/L		01/06/22 09:26	1	3.0	01/06/22 10:20	KMC	EPA 200.8 REV 5.4
Lead	2.2	ug/L		01/06/22 09:26	1	1.0	01/06/22 10:20	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EL04058-33
Name: 43. Room 216 - Classroom Faucet
Alias: GMS-216-CF-16

Sampled: 12/15/21 05:15
Received: 12/20/21 15:10
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	130	ug/L		01/06/22 09:26	1	3.0	01/06/22 10:22	KMC	EPA 200.8 REV 5.4
Lead	1.1	ug/L		01/06/22 09:26	1	1.0	01/06/22 10:22	KMC	EPA 200.8 REV 5.4

Sample: EL04058-34
Name: 45. Room 218 - East Wall - Classroom Faucet
Alias: GMS-218-CF-17

Sampled: 12/15/21 05:17
Received: 12/20/21 15:10
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	130	ug/L		01/06/22 09:26	1	3.0	01/06/22 10:30	KMC	EPA 200.8 REV 5.4
Lead	3.0	ug/L		01/06/22 09:26	1	1.0	01/06/22 10:30	KMC	EPA 200.8 REV 5.4

Sample: EL04058-35
Name: 46. Room 218 - West Wall - Classroom Faucet
Alias: GMS-218-CF-18

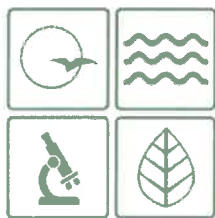
Sampled: 12/15/21 05:19
Received: 12/20/21 15:10
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	120	ug/L		01/06/22 09:26	1	3.0	01/06/22 10:31	KMC	EPA 200.8 REV 5.4
Lead	3.3	ug/L		01/06/22 09:26	1	1.0	01/06/22 10:31	KMC	EPA 200.8 REV 5.4

Sample: EL04058-36
Name: 53. Room 99 - Classroom Faucet
Alias: GMS-99-CF-20

Sampled: 12/15/21 05:20
Received: 12/20/21 15:10
Matrix: Drinking Water - Grab

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
Total Metals - PIA									
Copper	63	ug/L		01/06/22 09:26	1	3.0	01/06/22 10:33	KMC	EPA 200.8 REV 5.4
Lead	1.9	ug/L		01/06/22 09:26	1	1.0	01/06/22 10:33	KMC	EPA 200.8 REV 5.4



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

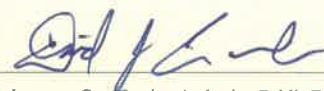
Pace Analytical Services, LLC – Peoria, Illinois

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.

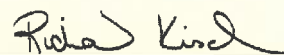
Certification Number 870

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