



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

DATE: April 12, 2022

FACILITY NAME: **HICKMAN HIGH SCHOOL**

A. SAMPLE COLLECTION

- | | |
|--|--------|
| 1. NUMBER OF SAMPLES COLLECTED AT THIS FACILITY | 98 |
| 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 **98** sample(s) the laboratory received on **7/29/21 3:20 pm** and logged in under work order **EH00197**. 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 EH00197

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
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
NO	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: EH00197-01
Name: 1. In Main Office
Alias: HHS-OFF-KF-1

Sampled: 07/24/21 08:22
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	270	ug/L		1300	08/04/21 15:08	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:08	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-02
Name: 3. Lobby of Concession Stand - Electric Water C.
Alias: HHS-CON-EWC-2

Sampled: 07/24/21 08:15
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	170	ug/L		1300	08/04/21 15:12	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:12	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-03
Name: 4. Concession Stand
Alias: HHS-CON-KF-2

Sampled: 07/24/21 08:15
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/04/21 15:14	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:14	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-04
Name: 5. Lobby Locker Room - Electric Water Cooler
Alias: HHS-LLR-EWC-3

Sampled: 07/24/21 12:21
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	130	ug/L		1300	08/04/21 15:15	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:15	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-05
Name: 6. Boys Locker Room - Electric Water Cooler
Alias: HHS-BLR-EWC-4

Sampled: 07/24/21 12:23
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/04/21 15:16	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:16	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-06
Name: 7. Girls Locker Room - Electric Water Cooler
Alias: HHS-GLR-EWC-5

Sampled: 07/24/21 12:24
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	200	ug/L		1300	08/04/21 15:18	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:18	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-07
Name: 8. Room 155 Kitchen Faucet
Alias: HHS-155-KF-3

Sampled: 07/24/21 12:06
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	590	ug/L		1300	08/09/21 16:05	KMC	EPA 200.8 REV 5.4
Lead	9.8	ug/L		15	08/09/21 16:05	KMC	EPA 200.8 REV 5.4

Sample: EH00197-08
Name: 9. Hall by 153 - Electric Water Cooler
Alias: HHS-H153-EWC-6

Sampled: 07/24/21 12:08
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	320	ug/L		1300	08/04/21 15:19	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:19	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-09
Name: 10. Room 274 - Kitchen Sink Faucet East
Alias: HHS-274-KF-4

Sampled: 07/24/21 12:13
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	630	ug/L		1300	08/04/21 15:21	TJJ	EPA 200.8 REV 5.4
Lead	2.3	ug/L		15	08/04/21 15:21	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-10
Name: 11. Room 274 - Kitchen Sink Faucet North
Alias: HHS-274-KF-5

Sampled: 07/24/21 12:13
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	280	ug/L		1300	08/04/21 15:30	TJJ	EPA 200.8 REV 5.4
Lead	1.4	ug/L		15	08/04/21 15:30	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-11
Name: 12. Room 274 - Kitchen Sink Faucet West
Alias: HHS-274-KF-6

Sampled: 07/24/21 12:13
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	08/04/21 15:32	TJJ	EPA 200.8 REV 5.4
Lead	9.1	ug/L		15	08/04/21 15:32	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-12
Name: 13. Cafeteria - Electric Water Cooler East
Alias: HHS-CAF-EWC-7

Sampled: 07/24/21 08:23
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/04/21 15:33	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:33	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-13
Name: 14. Cafeteria - Electric Water Cooler West
Alias: HHS-CAF-EWC-8

Sampled: 07/24/21 08:25
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/04/21 15:35	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:35	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-14
Name: 16. Hall by Room 107C - Electric Water Cooler
Alias: HHS-H107C-EWC-10

Sampled: 07/24/21 09:29
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	260	ug/L		1300	08/04/21 15:36	TJJ	EPA 200.8 REV 5.4
Lead	2.5	ug/L		15	08/04/21 15:36	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-15
Name: 17. Hall by Room 112 - Electric Water Cooler
Alias: HHS-H112-EWC-11

Sampled: 07/24/21 09:10
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	150	ug/L		1300	08/04/21 15:38	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:38	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-16
Name: 18. Hall by Room 114 - Electric Water Cooler
Alias: HHS-H114-EWC-12

Sampled: 07/24/21 09:07
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	280	ug/L		1300	08/04/21 15:39	TJJ	EPA 200.8 REV 5.4
Lead	5.1	ug/L		15	08/04/21 15:39	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-17**Name:** 19. Hall by Restroom - Electric Water Cooler**Alias:** HHS-__-EWC-13**Sampled:** 07/24/21 08:47**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	280	ug/L		1300	08/04/21 15:41	TJJ	EPA 200.8 REV 5.4
Lead	2.4	ug/L		15	08/04/21 15:41	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-18**Name:** 20. Hall by Room 122 - Electric Water Cooler**Alias:** HHS-H122-EWC-14**Sampled:** 07/24/21 08:46**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/04/21 15:50	TJJ	EPA 200.8 REV 5.4
Lead	2.1	ug/L		15	08/04/21 15:50	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-19**Name:** 21. Nurses Office Faucet**Alias:** HHS-NSF-1**Sampled:** 07/24/21 08:43**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	08/04/21 15:51	TJJ	EPA 200.8 REV 5.4
Lead	4.0	ug/L		15	08/04/21 15:51	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-20**Name:** 22. Hall by Room 127 - Electric Water Cooler**Alias:** HHS-H127-EWC-15**Sampled:** 07/24/21 08:34**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/04/21 15:53	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 15:53	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-21
Name: 23. Kitchen
Alias: HHS-KF-7

Sampled: 07/24/21 08:27
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	40	ug/L		1300	08/04/21 15:54	TJJ	EPA 200.8 REV 5.4
Lead	3.4	ug/L		15	08/04/21 15:54	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-22
Name: 25. Hall by 141
Alias: HHS-H141-EWC-16

Sampled: 07/24/21 08:40
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	100	ug/L		1300	08/04/21 15:56	TJJ	EPA 200.8 REV 5.4
Lead	6.1	ug/L		15	08/04/21 15:56	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-23
Name: 26. Guidance Office - Kitchen Faucet
Alias: HHS-GDO-KF-8

Sampled: 07/24/21 11:56
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	330	ug/L		1300	08/04/21 15:57	TJJ	EPA 200.8 REV 5.4
Lead	12	ug/L		15	08/04/21 15:57	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-24
Name: 27. Hall by 50 - Electric Water Cooler
Alias: HHS-H50-EWC-17

Sampled: 07/24/21 11:48
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	08/04/21 15:59	TJJ	EPA 200.8 REV 5.4
Lead	4.6	ug/L		15	08/04/21 15:59	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-25
Name: 28. Hall by 54 - Electric Water Cooler
Alias: HHS-H54-EWC-18

Sampled: 07/24/21 11:40
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/04/21 16:00	TJJ	EPA 200.8 REV 5.4
Lead	2.7	ug/L		15	08/04/21 16:00	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-26
Name: 29. Room 55 - Classroom Faucet
Alias: HHS-FACSF-55

Sampled: 07/24/21 11:40
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	08/04/21 16:09	TJJ	EPA 200.8 REV 5.4
Lead	2.3	ug/L		15	08/04/21 16:09	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-27
Name: 30. Room 54 - Classroom Faucet West
Alias: HHS-FACSF-54

Sampled: 07/24/21 11:42
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/04/21 16:11	TJJ	EPA 200.8 REV 5.4
Lead	5.3	ug/L		15	08/04/21 16:11	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-28
Name: 31. Room 54 - Classroom Faucet North
Alias: HHS-FACSF-54

Sampled: 07/24/21 11:42
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	08/04/21 16:12	TJJ	EPA 200.8 REV 5.4
Lead	5.1	ug/L		15	08/04/21 16:12	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-29
Name: 32. Room 54 - Classroom Faucet East
Alias: HHS-FACSF-54

Sampled: 07/24/21 11:42
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	08/04/21 16:14	TJJ	EPA 200.8 REV 5.4
Lead	5.5	ug/L		15	08/04/21 16:14	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-30
Name: 33. Hall by 136 - Electric Water Cooler
Alias: HHS-H136-EWC-19

Sampled: 07/24/21 08:36
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/04/21 16:15	TJJ	EPA 200.8 REV 5.4
Lead	3.2	ug/L		15	08/04/21 16:15	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-31
Name: 35. Hall by 117 - Electric Water Cooler
Alias: HHS-H117-EWC-21

Sampled: 07/24/21 11:35
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	290	ug/L		1300	08/04/21 16:17	TJJ	EPA 200.8 REV 5.4
Lead	2.9	ug/L		15	08/04/21 16:17	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-32
Name: 36. Teachers Lounge - Faucet
Alias: HHS-__-TLF-1

Sampled: 07/24/21 13:05
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/04/21 16:18	TJJ	EPA 200.8 REV 5.4
Lead	2.3	ug/L		15	08/04/21 16:18	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-33
Name: 37. Custodial Break Room - Faucet
Alias: HHS-__-KF-9

Sampled: 07/24/21 12:40
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/04/21 16:20	TJJ	EPA 200.8 REV 5.4
Lead	1.5	ug/L		15	08/04/21 16:20	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-34
Name: 38. Hall by 256 - Electric Water Cooler
Alias: HHS-256H-EWC-22

Sampled: 07/24/21 10:10
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/04/21 16:29	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:29	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-35
Name: 39. Room 253 - Faucet
Alias: HHS-253-KF-10

Sampled: 07/24/21 10:16
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/04/21 16:31	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:31	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-36
Name: 40. Hall by 255 - Electric Water Cooler
Alias: HHS-H255-EWC-23

Sampled: 07/24/21 10:19
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	08/04/21 16:32	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:32	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-37**Name:** 41. Hall by 206 - Electric Water Cooler**Alias:** HHS-H206C-EWC-24**Sampled:** 07/24/21 10:23**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/04/21 16:33	TJJ	EPA 200.8 REV 5.4
Lead	1.0	ug/L		15	08/04/21 16:33	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-38**Name:** 42. Hall by 212 - Electric Water Cooler**Alias:** HHS-H212-EWC-25**Sampled:** 07/24/21 10:44**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/04/21 16:35	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:35	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-39**Name:** 43. Hall by 214 - Electric Water Cooler**Alias:** HHS-H214-EWC-26**Sampled:** 07/24/21 10:59**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/04/21 16:36	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:36	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-40**Name:** 44. Hall by 217 - Electric Water Cooler**Alias:** HHS-H217-EWC-27**Sampled:** 07/24/21 11:16**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	430	ug/L		1300	08/04/21 16:38	TJJ	EPA 200.8 REV 5.4
Lead	2.2	ug/L		15	08/04/21 16:38	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-41
Name: 45. Hall by 222 - Electric Water Cooler
Alias: HHS-H222-EWC-28

Sampled: 07/24/21 11:11
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	150	ug/L		1300	08/04/21 16:39	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:39	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-42
Name: 46. Hall by 237 - Electric Water Cooler
Alias: HHS-H237-EWC-29

Sampled: 07/24/21 11:08
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/04/21 16:49	TJJ	EPA 200.8 REV 5.4
Lead	1.2	ug/L		15	08/04/21 16:49	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-43
Name: 47. Hall by 225 - Electric Water Cooler
Alias: HHS-H225-EWC-30

Sampled: 07/24/21 11:06
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	120	ug/L		1300	08/04/21 16:50	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:50	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-44
Name: 48. Hall by 226 - Electric Water Cooler
Alias: HHS-H226-EWC-31

Sampled: 07/24/21 11:05
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	250	ug/L		1300	08/04/21 16:52	TJJ	EPA 200.8 REV 5.4
Lead	6.2	ug/L		15	08/04/21 16:52	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-45
Name: 49. Kitchen - Faucet North
Alias: HHS-__-KF-11

Sampled: 07/24/21 12:00
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	62	ug/L		1300	08/04/21 16:53	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:53	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-46
Name: 50. Kitchen - Faucet South
Alias: HHS-__-KF-12

Sampled: 07/24/21 12:00
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/04/21 16:55	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:55	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-47
Name: 51. Pool Area - Electric Water Cooler
Alias: HHS-__-EWC-32

Sampled: 07/24/21 07:56
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	100	ug/L		1300	08/04/21 16:56	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:56	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-48
Name: 52. Girls Pool Locker Room - Faucet
Alias: HHS-GPLR-F

Sampled: 07/24/21 08:00
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	44	ug/L		1300	08/04/21 16:58	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/04/21 16:58	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-49
Name: 53. Boys Pool Locker Room - Faucet
Alias: HHS-BPLR-F

Sampled: 07/24/21 08:00
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	64	ug/L		1300	08/04/21 16:59	TJJ	EPA 200.8 REV 5.4
Lead	6.7	ug/L		15	08/04/21 16:59	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-51
Name: 57. Room 205 - Classroom Faucet Teacher Desk
Alias: HHS-205-CF-1

Sampled: 07/24/21 10:22
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	08/04/21 17:08	TJJ	EPA 200.8 REV 5.4
Lead	8.0	ug/L		15	08/04/21 17:08	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-52
Name: 58. Room 208 - Classroom Faucet North
Alias: HHS-208-CF-2

Sampled: 07/24/21 10:29
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	08/04/21 17:10	TJJ	EPA 200.8 REV 5.4
Lead	44	ug/L		**15	08/04/21 17:10	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-53
Name: 59. Room 208 - Classroom Faucet South
Alias: HHS-208-CF-3

Sampled: 07/24/21 10:30
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	210	ug/L		1300	08/04/21 17:11	TJJ	EPA 200.8 REV 5.4
Lead	10	ug/L		15	08/04/21 17:11	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-54
Name: 60. Room 208 - Classroom Faucet South
Alias: HHS-208-CF-4

Sampled: 07/24/21 10:31
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	250	ug/L		1300	08/04/21 17:13	TJJ	EPA 200.8 REV 5.4
Lead	22	ug/L		**15	08/04/21 17:13	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-55
Name: 61. Room 209 - Classroom Faucet East
Alias: HHS-209-CF-5

Sampled: 07/24/21 10:34
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	250	ug/L		1300	08/16/21 12:50	TJJ	EPA 200.8 REV 5.4
Lead	5.7	ug/L		15	08/16/21 12:50	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-56
Name: 62. Room 209 - Classroom Faucet Teacher Desk
Alias: HHS-209-CF-6

Sampled: 07/24/21 10:35
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	320	ug/L		1300	08/04/21 17:16	TJJ	EPA 200.8 REV 5.4
Lead	15	ug/L		15	08/04/21 17:16	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-57
Name: 65. Room 212 - Classrom Faucet West
Alias: HHS-212-CF-9

Sampled: 07/24/21 10:39
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/04/21 17:17	TJJ	EPA 200.8 REV 5.4
Lead	17	ug/L		**15	08/04/21 17:17	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-58
Name: 66. Room 212 - Classroom Faucet Teacher Desk
Alias: HHS-212-CF-10

Sampled: 07/24/21 10:40
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	430	ug/L		1300	08/16/21 12:51	TJJ	EPA 200.8 REV 5.4
Lead	54	ug/L		**15	08/16/21 12:51	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-59
Name: 67. Room 212 - Classroom Faucet East
Alias: HHS-212-CF-11

Sampled: 07/24/21 10:41
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/16/21 12:53	TJJ	EPA 200.8 REV 5.4
Lead	2.9	ug/L		15	08/16/21 12:53	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-60
Name: 68. Room 213 - Classroom Faucet Teacher Desk
Alias: HHS-213-CF-12

Sampled: 07/24/21 10:47
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/05/21 10:50	TJJ	EPA 200.8 REV 5.4
Lead	66	ug/L		**15	08/05/21 10:50	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-61
Name: 69. Room 213 - Classroom Faucet Southeast
Alias: HHS-213-CF-13

Sampled: 07/24/21 10:48
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/05/21 11:10	TJJ	EPA 200.8 REV 5.4
Lead	9.1	ug/L		15	08/05/21 11:10	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-62
Name: 70. Room 213 - Classroom Faucet Southwest
Alias: HHS-213-CF-14

Sampled: 07/24/21 10:49
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/05/21 11:11	TJJ	EPA 200.8 REV 5.4
Lead	3.1	ug/L		15	08/05/21 11:11	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-63
Name: 71. Room 213 - Offices Faucet
Alias: HHS-213-CF-15

Sampled: 07/24/21 10:50
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/05/21 11:12	TJJ	EPA 200.8 REV 5.4
Lead	1.9	ug/L		15	08/05/21 11:12	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-64
Name: 72. Room 214 - Classroom Faucet West
Alias: HHS-214-CF-16

Sampled: 07/24/21 11:02
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/05/21 11:14	TJJ	EPA 200.8 REV 5.4
Lead	9.2	ug/L		15	08/05/21 11:14	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-65
Name: 73. Room 214 - Office Faucet
Alias: HHS-214-CF-17

Sampled: 07/24/21 11:02
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	390	ug/L		1300	08/05/21 11:15	TJJ	EPA 200.8 REV 5.4
Lead	21	ug/L		**15	08/05/21 11:15	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-66
Name: 74. Room 214 - Classroom Faucet East
Alias: HHS-214-CF-18

Sampled: 07/24/21 11:02
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/05/21 11:20	TJJ	EPA 200.8 REV 5.4
Lead	8.8	ug/L		15	08/05/21 11:20	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-67
Name: 75. Room 218 - Classroom Faucet
Alias: HHS-218-CF-19

Sampled: 07/24/21 11:16
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	370	ug/L		1300	08/05/21 11:26	TJJ	EPA 200.8 REV 5.4
Lead	1.6	ug/L		15	08/05/21 11:26	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-68
Name: 76. Room 220 - Classroom Faucet North
Alias: HHS-220-CF-20

Sampled: 07/24/21 11:14
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/05/21 11:28	TJJ	EPA 200.8 REV 5.4
Lead	17	ug/L		**15	08/05/21 11:28	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-69
Name: 77. Room 220 - Classroom Faucet South
Alias: HHS-220-CF-21

Sampled: 07/24/21 11:14
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	470	ug/L		1300	08/05/21 11:29	TJJ	EPA 200.8 REV 5.4
Lead	15	ug/L		15	08/05/21 11:29	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-70
Name: 78. Room 220 - Office Faucet
Alias: HHS-220-CF-22

Sampled: 07/24/21 11:14
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	360	ug/L		1300	08/05/21 11:31	TJJ	EPA 200.8 REV 5.4
Lead	27	ug/L		**15	08/05/21 11:31	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-71
Name: 81. Room 53 - Classroom Faucet
Alias: HHS-53-CF-25

Sampled: 07/24/21 11:45
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	08/09/21 16:08	KMC	EPA 200.8 REV 5.4
Lead	2.5	ug/L		15	08/09/21 16:08	KMC	EPA 200.8 REV 5.4

Sample: EH00197-72
Name: 82. Room 52 - Classroom Faucet
Alias: HHS-52-CF-26

Sampled: 07/24/21 11:47
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	100	ug/L		1300	08/05/21 11:32	TJJ	EPA 200.8 REV 5.4
Lead	10	ug/L		15	08/05/21 11:32	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-73
Name: 83. Room 51 - Classroom Faucet
Alias: HHS-51-CF-27

Sampled: 07/24/21 11:47
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/05/21 11:34	TJJ	EPA 200.8 REV 5.4
Lead	9.9	ug/L		15	08/05/21 11:34	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-74
Name: 84. Room 50 - Classroom Faucet
Alias: HHS-50-CF-28

Sampled: 07/24/21 11:48
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	240	ug/L		1300	08/05/21 11:38	TJJ	EPA 200.8 REV 5.4
Lead	26	ug/L		**15	08/05/21 11:38	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-75
Name: 85. Room FA4 - Classroom Faucet
Alias: HHS-FA4-CF-29

Sampled: 07/24/21 12:52
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	08/05/21 11:39	TJJ	EPA 200.8 REV 5.4
Lead	8.4	ug/L		15	08/05/21 11:39	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-76
Name: 86. Room FA5 - Classroom Faucet
Alias: HHS-FA5-CF-30

Sampled: 07/24/21 12:55
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	150	ug/L		1300	08/05/21 11:57	TJJ	EPA 200.8 REV 5.4
Lead	4.1	ug/L		15	08/05/21 11:57	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-77
Name: 87. Room FA3 - Classroom Faucet
Alias: HHS-FA3-CF-31

Sampled: 07/24/21 12:55
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/05/21 11:58	TJJ	EPA 200.8 REV 5.4
Lead	6.5	ug/L		15	08/05/21 11:58	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-78
Name: 88. Room FA2 - Classroom Faucet
Alias: HHS-FA2-CF-32

Sampled: 07/24/21 13:11
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	260	ug/L		1300	08/05/21 12:00	TJJ	EPA 200.8 REV 5.4
Lead	6.2	ug/L		15	08/05/21 12:00	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-79
Name: 89. Hallway Room FA4 - Electric Water Cooler
Alias: HHS-FA4-EWC

Sampled: 07/24/21 12:52
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	340	ug/L		1300	08/05/21 12:01	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/05/21 12:01	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-80
Name: 90. Room 117 - Classroom Faucet North
Alias: HHS-117-CF-34

Sampled: 07/24/21 08:52
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	3600	ug/L		**1300	08/11/21 10:37	KMC	EPA 200.8 REV 5.4
Lead	130	ug/L		**15	08/09/21 16:17	KMC	EPA 200.8 REV 5.4

Sample: EH00197-81
Name: 91. Room 117 - Classroom Faucet West
Alias: HHS-117-CF-35

Sampled: 07/24/21 08:53
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	140	ug/L		1300	08/05/21 12:03	TJJ	EPA 200.8 REV 5.4
Lead	1.8	ug/L		15	08/05/21 12:03	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-82
Name: 92. Room 117 - Classroom Faucet South
Alias: HHS-117-CF-36

Sampled: 07/24/21 08:54
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	380	ug/L		1300	08/05/21 12:07	TJJ	EPA 200.8 REV 5.4
Lead	40	ug/L		**15	08/05/21 12:07	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-83
Name: 93. Room 117 - Office Faucet
Alias: HHS-117-CF-37

Sampled: 07/24/21 08:55
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	320	ug/L		1300	08/05/21 12:09	TJJ	EPA 200.8 REV 5.4
Lead	11	ug/L		15	08/05/21 12:09	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-84
Name: 94. Room 116 - Classroom Faucet
Alias: HHS-116-CF-38

Sampled: 07/24/21 09:03
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	61	ug/L		1300	08/05/21 12:10	TJJ	EPA 200.8 REV 5.4
Lead	6.0	ug/L		15	08/05/21 12:10	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-85
Name: 95. Room 116 - Office Faucet
Alias: HHS-116-CF-39

Sampled: 07/24/21 09:02
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	< 3.0	ug/L		1300	08/05/21 12:17	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/05/21 12:17	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-86
Name: 99. Room 112- Classroom Faucet Center
Alias: HHS-112-CF-43

Sampled: 07/24/21 09:13
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/05/21 12:18	TJJ	EPA 200.8 REV 5.4
Lead	16	ug/L		**15	08/05/21 12:18	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-87
Name: 100. Room 112- Classroom Faucet South
Alias: HHS-112-CF-44

Sampled: 07/24/21 09:14
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/05/21 12:19	TJJ	EPA 200.8 REV 5.4
Lead	10	ug/L		15	08/05/21 12:19	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-88
Name: 101. Room 112- Classroom Faucet North
Alias: HHS-112-CF-45

Sampled: 07/24/21 09:15
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	230	ug/L		1300	08/05/21 12:21	TJJ	EPA 200.8 REV 5.4
Lead	6.3	ug/L		15	08/05/21 12:21	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-89
Name: 102. Room 112- Classroom Faucet Workbench
Alias: HHS-112-CF-46

Sampled: 07/24/21 09:16
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	160	ug/L		1300	08/05/21 12:22	TJJ	EPA 200.8 REV 5.4
Lead	18	ug/L		**15	08/05/21 12:22	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-90
Name: 103. Room 110 - Classroom Faucet
Alias: HHS-110-CF-47

Sampled: 07/24/21 09:20
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	2300	ug/L		**1300	08/05/21 12:27	TJJ	EPA 200.8 REV 5.4
Lead	22	ug/L		**15	08/05/21 12:27	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-91
Name: 104. Room 109- Office Faucet
Alias: HHS-109-CF-48

Sampled: 07/24/21 09:21
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	700	ug/L		1300	08/05/21 12:28	TJJ	EPA 200.8 REV 5.4
Lead	82	ug/L		**15	08/05/21 12:28	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-92
Name: 105. Room 109 - Classroom Faucet North
Alias: HHS-109-CF-49

Sampled: 07/24/21 09:22
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	220	ug/L		1300	08/05/21 12:30	TJJ	EPA 200.8 REV 5.4
Lead	4.1	ug/L		15	08/05/21 12:30	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-93
Name: 106. Room 109 - Classroom Faucet West
Alias: HHS-109-CF-50

Sampled: 07/24/21 09:23
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	260	ug/L		1300	08/05/21 12:54	TJJ	EPA 200.8 REV 5.4
Lead	14	ug/L		15	08/05/21 12:54	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-94
Name: 107. Room 109 - Classroom Faucet Workbench
Alias: HHS-109-CF-51

Sampled: 07/24/21 09:24
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	260	ug/L		1300	08/05/21 12:55	TJJ	EPA 200.8 REV 5.4
Lead	14	ug/L		15	08/05/21 12:55	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-95
Name: 108. Room 108 - Classroom Faucet
Alias: HHS-108-CF-52

Sampled: 07/24/21 09:26
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	250	ug/L		1300	08/05/21 12:57	TJJ	EPA 200.8 REV 5.4
Lead	11	ug/L		15	08/05/21 12:57	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-96
Name: 109. West side of pool - Electric Water Cooler
Alias: HHS-POOL-EWC-35

Sampled: 07/24/21 08:06
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	180	ug/L		1300	08/05/21 12:58	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/05/21 12:58	TJJ	EPA 200.8 REV 5.4

Sample: EH00197-97
Name: 110. Athletic Training Room Faucet
Alias: HHS-TRF

Sampled: 07/24/21 12:33
Received: 07/29/21 15:20
Matrix: Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
Total Metals - PIA							
Copper	190	ug/L		1300	08/05/21 13:00	TJJ	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		15	08/05/21 13:00	TJJ	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: EH00197-98**Name:** 111. Fine Arts Main Entrance - Electric Water Cooler**Alias:** HHS-FA-EWC-36**Sampled:** 07/24/21 12:50**Received:** 07/29/21 15:20**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	MCL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>							
Copper	210	ug/L		1300	08/05/21 13:04	TJJ	EPA 200.8 REV 5.4
Lead	1.3	ug/L		15	08/05/21 13:04	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



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)

[illegible]

Location:	Hickman High School
Sample Date:	7/24/2021
Sample Time:	Various
Sampled By:	Josh Lehmen and Derek Brester

Sample No.	Coding System	Description	Sample Collected
1	HHS-OFF-KF-1	In Main Office	8:22 AM
2	HHS-GYM-EWC-1	Lobby of Gym - WATER IS OFF	No
3	HHS-CON-EWC-2	Lobby of Concession Stand - Electric Water C.	8:15 AM
4	HHS-CON-KF-2	Concession Stand	8:15 AM
5	HHS-LLR-EWC-3	Lobby Locker Room - Electric Water Cooler	12:21 PM
6	HHS-BLR-EWC-4	Boys Locker Room - Electric Water Cooler	12:23 PM
7	HHS-GLR-EWC-5	Girls Locker Room - Electric Water Cooler	12:24 PM
8	HHS-155-KF-3	Room 155 Kitchen Faucet	12:06 PM
9	HHS-H153-EWC-6	Hall by 153 - Electric Water Cooler	12:08 PM
10	HHS-274-KF-4	Room 274 - Kitchen Sink Faucet East	12:13 PM
11	HHS-274-KF-5	Room 274 - Kitchen Sink Faucet North	12:13 PM
12	HHS-274-KF-6	Room 274 - Kitchen Sink Faucet West	12:13 PM
13	HHS-CAF-EWC-7	Cafeteria - Electric Water Cooler East	8:23 AM
14	HHS-CAF-EWC-8	Cafeteria - Electric Water Cooler West	8:25 AM
15	HHS-1060-EWC-9	Room 1060 - NOT FOUND/REMOVED	No
16	HHS-H107C-EWC-10	Hall by Room 107C - Electric Water Cooler	9:29 AM
17	HHS-H112-EWC-11	Hall by Room 112 - Electric Water Cooler	9:10 AM
18	HHS-H114-EWC-12	Hall by Room 114 - Electric Water Cooler	9:07 AM
19	HHS-__-EWC-13	Hall by Restroom - Electric Water Cooler	8:47 AM
20	HHS-H122-EWC-14	Hall by Room 122 - Electric Water Cooler	8:46 AM
21	HHS-NSF-1	Nurses Office Faucet	8:43 AM
22	HHS-H127-EWC-15	Hall by Room 127 - Electric Water Cooler	8:34 AM
23	HHS-KF-7	Kitchen	8:27 AM
24	HHS-__-EWC-15	NOT FOUND/REMOVED	No
25	HHS-H141-EWC-16	Hall By 141	8:40 AM
26	HHS-GDO-KF-8	Guidance Office - Kitchen Faucet	11:56 AM
27	HHS-H50-EWC-17	Hall By 50 - Electric Water Cooler	11:48 AM
28	HHS-H54-EWC-18	Hall By 54 - Electric Water Cooler	11:40 AM
29	HHS-FACSF-55	Room 55 - Classroom Faucet	11:40 AM
30	HHS-FACSF-54	Room 54 - Classroom Faucet West	11:42 AM
31	HHS-FACSF-54	Room 54 - Classroom Faucet North	11:42 AM
32	HHS-FACSF-54	Room 54 - Classroom Faucet East	11:42 AM
33	HHS-H136-EWC-19	Hall by 136 - Electric Water Cooler	8:36 AM
34	HHS-H128-EWC-20	Hall by 128 - NOT FOUND/REMOVED	No
35	HHS-H117-EWC-21	Hall by 117 - Electric Water Cooler	11:35 AM
36	HHS-__-TLF-1	Teachers Lounge - Faucet	1:05 PM
37	HHS-__-KF-9	Custodial Break Room - Faucet	12:40 PM
38	HHS-256H-EWC-22	Hall by 256 - Electric Water Cooler	10:10 AM
39	HHS-253-KF-10	Room 253 - Faucet	10:16 AM
40	HHS-H255-EWC-23	Hall by 255 - Electric Water Cooler	10:19 AM

41	HHS-H206C-EWC-24	Hall by 206 - Electric Water Cooler	10:23 AM
42	HHS-H212-EWC-25	Hall by 212 - Electric Water Cooler	10:44 AM
43	HHS-H214-EWC-26	Hall by 214 - Electric Water Cooler	10:59 AM
44	HHS-H217-EWC-27	Hall by 217 - Electric Water Cooler	11:16 AM
45	HHS-H222-EWC-28	Hall by 222 - Electric Water Cooler	11:11 AM
46	HHS-H237-EWC-29	Hall by 237 - Electric Water Cooler	11:08 AM
47	HHS-H225-EWC-30	Hall by 225 - Electric Water Cooler	11:06 AM
48	HHS-H226-EWC-31	Hall by 226 - Electric Water Cooler	11:05 AM
49	HHS-___-KF-11	Kitchen - Faucet North	12:00 PM
50	HHS-___-KF-12	Kitchen - Faucet South	12:00 PM
51	HHS-___-EWC-32	Pool Area - Electric Water Cooler	7:56 AM
52	HHS-GPLR-F	Girls Pool Locker Room - Faucet	8:00 AM
53	HHS-BPLR-F	Boys Pool Locker Room - Faucet	8:00 AM
54	HHS-___-EWC-33	Hall By 171 - NOT FOUND/REMOVED	No
55	HHS-___-KF-13	Concession Stand - NOT FOUND/REMOVED	No
56	HHS-H105-EWC-34	Hall By 105	9:29 AM
57	HHS-205-CF-1	Room 205 - Classroom Faucet Teacher Desk	10:22 AM
58	HHS-208-CF-2	Room 208 - Classroom Faucet North	10:29 AM
59	HHS-208-CF-3	Room 208 - Classroom Faucet South	10:30 AM
60	HHS-208-CF-4	Room 208 - Classroom Faucet South	10:31 AM
61	HHS-209-CF-5	Room 209 - Classroom Faucet East	10:34 AM
62	HHS-209-CF-6	Room 209 - Classroom Faucet Teacher Desk	10:35 AM
63	HHS-209-CF-7	Room 209 - WATER IS OFF	No
64	HHS-209-CF-8	Room 209 - ONLY 3 SINKS IN 209	No
65	HHS-212-CF-9	Room 212 - Classroom Faucet West	10:39 AM
66	HHS-212-CF-10	Room 212 - Classroom Faucet Teacher Desk	10:40 AM
67	HHS-212-CF-11	Room 212 - Classroom Faucet East	10:41 AM
68	HHS-213-CF-12	Room 213 - Classroom Faucet Teacher Desk	10:47 AM
69	HHS-213-CF-13	Room 213 - Classroom Faucet Southeast	10:48 AM
70	HHS-213-CF-14	Room 213 - Classroom Faucet Southwest	10:49 AM
71	HHS-213-CF-15	Room 213 - Office Faucet	10:50 AM
72	HHS-214-CF-16	Room 214 - Classroom Faucet West	11:02 AM
73	HHS-214-CF-17	Room 214 - Office Faucet	11:02 AM
74	HHS-214-CF-18	Room 214 - Classroom Faucet East	11:02 AM
75	HHS-218-CF-19	Room 218 - Classroom Faucet	11:16 AM
76	HHS-220-CF-20	Room 220 - Classroom Faucet North	11:14 AM
77	HHS-220-CF-21	Room 220 - Classroom Faucet South	11:14 AM
78	HHS-220-CF-22	Room 220 - Office Faucet	11:14 AM
79	HHS-222-CF-23	Room 222 - WATER IS OFF	No
80	HHS-222-CF-24	Room 222 - WATER IS OFF	No
81	HHS-53-CF-25	Room 53 - Classroom Faucet	11:45 AM
82	HHS-52-CF-26	Room 52 - Classroom Faucet	11:47 AM
83	HHS-51-CF-27	Room 51 - Classroom Faucet	11:47 AM
84	HHS-50-CF-28	Room 50 - Classroom Faucet	11:48 AM
85	HHS-FA4-CF-29	Room FA4 - Classroom Faucet	12:52 PM
86	HHS-FA5-CF-30	Room FA5 - Classroom Faucet	12:55 PM
87	HHS-FA3-CF-31	Room FA3 - Classroom Faucet	12:55 PM

88	HHS-FA2-CF-32	Room FA2 - Classroom Faucet	1:11 PM
89	HHS-FA4-EWC-	hallway Room FA4 - Electric Water Cooler	12:52 PM
90	HHS-117-CF-34	Room 117 - Classroom Faucet North	8:52 AM
91	HHS-117-CF-35	Room 117 - Classroom Faucet West	8:53 AM
92	HHS-117-CF-36	Room 117 - Classroom Faucet South	8:54 AM
93	HHS-117-CF-37	Room 117 - Office Faucet	8:55 AM
94	HHS-116-CF-38	Room 116 - Classroom Faucet	9:03 AM
95	HHS-116-CF-39	Room 116 - Office Faucet	9:02 AM
96	HHS-115-CF-40	Room 115 - RENOVATED/REMOVED	No
97	HHS-115-CF-41	Room 115 - RENOVATED/REMOVED	No
98	HHS-115-CF-42	Room 115 - RENOVATED/REMOVED	No
99	HHS-112-CF-43	Room 112 - Classroom Faucet Center	9:13 AM
100	HHS-112-CF-44	Room 112 - Classroom Faucet South	9:14 AM
101	HHS-112-CF-45	Room 112 - Classroom Faucet North	9:15 AM
102	HHS-112-CF-46	Room 112 - Classroom Faucet Workbench	9:16 AM
103	HHS-110-CF-47	Room 110 - Classroom Faucet	9:20 AM
104	HHS-109-CF-48	Room 109 - Office Faucet	9:21 AM
105	HHS-109-CF-49	Room 109 - Classroom Faucet North	9:22 AM
106	HHS-109-CF-50	Room 109 - Classroom Faucet West	9:23 AM
107	HHS-109-CF-51	Room 109 - Classroom Faucet Workbench	9:24 AM
108	HHS-108-CF-52	Room 108 - Classroom Faucet	9:26 AM
109	HHS-POOL-EWC-35	West side of pool - Electric Water Cooler	8:06 AM
110	HHS-TRF	Athletic Training Room Faucet	12:33 PM
111	HHS-FA-EWC-36	Fine Arts Main Entrance - Electric Water Cooler	12:50 PM



Pace Analytical Services, LLC

2231 W. Altorfer Drive

Peoria, IL 61615

(800)752-6651

April 12, 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 **18** sample(s) the laboratory received on **4/4/22 2:50 pm** and logged in under work order **FD00519**. 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 FD00519

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: FD00519-01**Name:** Room 208 - Classroom Faucet North**Alias:** HHS 58**Sampled:** 03/31/22 10:54**Received:** 04/04/22 14:50**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Copper	260	ug/L		04/11/22 12:52	1	3.0	04/11/22 14:49	KMC	EPA 200.8 REV 5.4
Lead	3.2	ug/L		04/11/22 12:52	1	1.0	04/11/22 14:49	KMC	EPA 200.8 REV 5.4

Sample: FD00519-02**Name:** Room 208 - Classroom Faucet South**Alias:** HHS 60**Sampled:** 03/31/22 10:55**Received:** 04/04/22 14:50**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Copper	220	ug/L		04/11/22 12:52	1	3.0	04/11/22 14:50	KMC	EPA 200.8 REV 5.4
Lead	1.8	ug/L		04/11/22 12:52	1	1.0	04/11/22 14:50	KMC	EPA 200.8 REV 5.4

Sample: FD00519-03**Name:** Room 212 - Classroom Faucet West**Alias:** HHS 65**Sampled:** 03/31/22 11:00**Received:** 04/04/22 14:50**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Copper	140	ug/L		04/11/22 12:52	1	3.0	04/11/22 14:52	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		04/11/22 12:52	1	1.0	04/11/22 14:52	KMC	EPA 200.8 REV 5.4

Sample: FD00519-04**Name:** Room 212 - Classroom Faucet Teacher Desk**Alias:** HHS 66**Sampled:** 03/31/22 11:02**Received:** 04/04/22 14:50**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
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Total Metals - PIA

Copper	130	ug/L		04/11/22 12:52	1	3.0	04/11/22 14:53	KMC	EPA 200.8 REV 5.4
Lead	3.1	ug/L		04/11/22 12:52	1	1.0	04/11/22 14:53	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: FD00519-05**Name:** Room 213 - Classroom Faucet Teacher Desk**Alias:** HHS 68**Sampled:** 03/31/22 11:05**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	200	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:01	KMC	EPA 200.8 REV 5.4
Lead	3.5	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:01	KMC	EPA 200.8 REV 5.4

Sample: FD00519-06**Name:** Room 214 - Office Faucet**Alias:** HHS 73**Sampled:** 03/31/22 11:07**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	220	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:03	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:03	KMC	EPA 200.8 REV 5.4

Sample: FD00519-07**Name:** Room 220 - Classroom Faucet North**Alias:** HHS 76**Sampled:** 03/31/22 11:22**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	280	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:04	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:04	KMC	EPA 200.8 REV 5.4

Sample: FD00519-08**Name:** Room 220 - Office Faucet**Alias:** HHS 78**Sampled:** 03/31/22 11:13**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	260	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:06	KMC	EPA 200.8 REV 5.4
Lead	< 1.0	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:06	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: FD00519-09**Name:** Room 50- Classroom Faucet**Alias:** HHS 84**Sampled:** 03/31/22 11:47**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	200	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:07	KMC	EPA 200.8 REV 5.4
Lead	11	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:07	KMC	EPA 200.8 REV 5.4

Sample: FD00519-10**Name:** Room 117 - Classroom Faucet North A**Alias:** HHS 90**Sampled:** 03/31/22 11:18**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		04/11/22 12:52	1	3.0	04/11/22 15:09	KMC	EPA 200.8 REV 5.4
Lead	5.0	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:09	KMC	EPA 200.8 REV 5.4

Sample: FD00519-11**Name:** Room 117 - Classroom Faucet North B**Alias:** HHS 90**Sampled:** 03/31/22 11:21**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	74	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:10	KMC	EPA 200.8 REV 5.4
Lead	1.5	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:10	KMC	EPA 200.8 REV 5.4

Sample: FD00519-12**Name:** Room 117 - Classroom Faucet South**Alias:** HHS 92**Sampled:** 03/31/22 11:26**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	310	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:12	KMC	EPA 200.8 REV 5.4
Lead	4.1	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:12	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: FD00519-13**Name:** Room 112 - Classroom Faucet Center**Alias:** HHS 99**Sampled:** 03/31/22 11:28**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	190	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:20	KMC	EPA 200.8 REV 5.4
Lead	2.0	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:20	KMC	EPA 200.8 REV 5.4

Sample: FD00519-14**Name:** Room 112 - Classroom Faucet Workbench**Alias:** HHS 102**Sampled:** 03/31/22 11:30**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 12:52	1	3.0	04/11/22 15:21	KMC	EPA 200.8 REV 5.4
Lead	1.8	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:21	KMC	EPA 200.8 REV 5.4

Sample: FD00519-15**Name:** Room 110 - Classroom Faucet A**Alias:** HHS 103**Sampled:** 03/31/22 11:39**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	44	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:23	KMC	EPA 200.8 REV 5.4
Lead	1.9	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:23	KMC	EPA 200.8 REV 5.4

Sample: FD00519-16**Name:** Room 110 - Classroom Faucet B**Alias:** HHS 103**Sampled:** 03/31/22 11:40**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	83	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:24	KMC	EPA 200.8 REV 5.4
Lead	4.1	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:24	KMC	EPA 200.8 REV 5.4



ANALYTICAL RESULTS

Sample: FD00519-17**Name:** Room 109 - Office Faucet**Alias:** HHS 104**Sampled:** 03/31/22 11:41**Received:** 04/04/22 14:50**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>									
Copper	220	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:26	KMC	EPA 200.8 REV 5.4
Lead	2.2	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:26	KMC	EPA 200.8 REV 5.4

Sample: FD00519-18**Name:** Water Sample**Alias:** HHS 56**Sampled:** 03/31/22 12:21**Received:** 04/04/22 14:50**Matrix:** Drinking Water - Regular Sample

Parameter	Result	Unit	Qualifier	Prepared	Dilution	MRL	Analyzed	Analyst	Method
<u>Total Metals - PIA</u>									
Copper	130	ug/L		04/11/22 12:52	1	3.0	04/11/22 15:27	KMC	EPA 200.8 REV 5.4
Lead	9.9	ug/L		04/11/22 12:52	1	1.0	04/11/22 15:27	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

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.PDCCLAB.COM

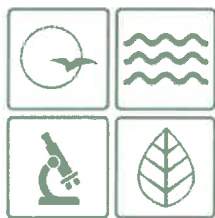
REGULATORY PROGRAM (CIRCLE):	NPDES
MORBCA	RCRA
CCDD	TACO: RES OR IND/COMM

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 65201 CONTACT PERSON Josh Lehmen		PROJECT NUMBER L14571 PHONE NUMBER 573-449-2646 PROJECT LOCATION Columbia, MO E-MAIL jlehmen@ess-inc.com DATE SHIPPED 4/1/22		3 ANALYSIS REQUESTED Copper and Lead		4 (FOR LAB USE ONLY) LOGIN # <u>ED00519-18</u> LOGGED BY: <u>DCW</u> CLIENT: PROJECT: PROJ. MGR.: CUSTODY SEAL #:		
2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT) Various Samples From Various Schools (See attached sheet) Please provide separate reports for each school		DATE COLLECTED bottle	TIME COLLECTED bottle	SAMPLE TYPE GRAB COMP X	MATRIX TYPE	BOTTLE COUNT	PRES CODE CLIENT PROVIDED	REMARKS Hickman High School
CHEMICAL PRESERVATION CODES: 1 - HCL 2 - H2SO4 3 - HNO3 4 - NAOH 5 - NA2S2O3 6 - UNPRESERVED 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:		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) [Signature] RELINQUISHED BY: (SIGNATURE) [Signature] RELINQUISHED BY: (SIGNATURE) [Signature]		DATE 1 Apr 22 TIME 1226 DATE 4-1-22 TIME 14:05 DATE 4/1/22 TIME 1430	RECEIVED BY: (SIGNATURE) [Signature] RECEIVED BY: (SIGNATURE) [Signature] RECEIVED BY: (SIGNATURE) [Signature]		DATE 4-1-22 TIME 12:26 DATE 4/1/22 TIME 1700 DATE 04/04/22 TIME 1450	8 COMMENTS: (FOR LAB USE ONLY) SAMPLE TEMPERATURE UPON RECEIPT <u>19.4</u> °C 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 BOTTLE <u>yes, by KET</u>		



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

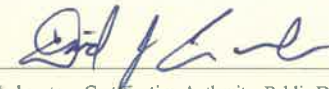
Pace Analytical Services, LLC – Peoria, Illinois

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.

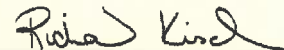
Certification Number 870

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