May 23, 2024

Steve Aldrich
Director of Facilities and Grounds
Liberty School District
801 Kent Street
Liberty, Missouri 64068

Project: Limited Lead in Drinking Water Testing
Address: 1407 Nashua Road, Liberty, Missouri 64068

Mr. Steve Aldrich

On March 19-20, and May 1, 2024, Bradly Young of Axiom Service Professionals (ASP), conducted lead in drinking water sampling at the above referenced address. Inspector certification is provided in Appendix A. A total of 113 samples were collected from various potential drinking water outlets including sources used for drinking, cooking, or cleaning of cooking and eating utensils throughout the building.

Drinking Water Standards

The use of lead solder and other lead-containing materials as defined in the EPA Safe Drinking Water Act in connecting household plumbing to public water supplies was prohibited as of 1986. The act established the definition of “lead free” to be less than 8% as a weighted average across wetted surfaces of a pipe, pipe fitting, plumbing fitting, and fixture and 0.2% lead for solder and flux. In 2011, the definition of “lead free” as it applied to wetted surfaces of a pipe, pipe fitting, and plumbing fitting and fixture was reduced from 8% to 0.25% as a weighted average. Many older structures still have lead pipe or lead-soldered plumbing internally, which may substantially increase the lead content of water at the tap. Nationwide regulations controlling the lead content of drinking-water coolers in schools went into effect in 1989.

In 1991, the EPA published the Lead and Copper Rule establishing limits on the amount of lead and copper in drinking water. This regulation can be found under 40 CFR Part 141, Subpart I. Reference: https://www.epa.gov/dwreginfo/lead-and-copper-rule

The EPA has set lead in drinking water standards as outlined below.

- For lead, the maximum contaminant level goal (MCLG) is zero. This is the levels determined to be safe by toxicological and biomedical considerations, independent of feasibility. EPA's National Primary Drinking Water Regulations for Lead establish a treatment level of **0.015 mg/L** or **15 ppb** (parts per billion) in municipal drinking water systems.

The Missouri Senate Bill 681 “Get the Lead Out of School Drinking Water Act”, passed in 2022, has set the standard summarized below.
Reference: https://www.senate.mo.gov/22info/BTS_Web/Bill.aspx?SessionType=R&BillID=71259862

- On or before January 1, 2024, each school shall conduct an inventory of all drinking water outlets and all outlets that are used for dispensing water for cooking or for cleaning cooking and eating utensils in each of the school’s buildings. A plan for testing should then be developed, prioritizing early childhood education programs and elementary schools, and made available to the public.
- The bill outlines that beginning in the 2023-2024 school year and for each subsequent school year, each school shall provide drinking water with a lead concentration below five parts per billion (**5 ppb**). Any school with greater than or equal to 5 ppb shall provide results and remediation plans to parents and staff within 7 business days of receiving results.

Drinking Fountain Identification

Drinking fountains throughout the school were visually assessed to determine if they matched those listed by the EPA to be lead-containing. The list of drinking fountains reported by the EPA to contain lead-lined holding tanks or solder joints is presented as Appendix B. Below is a list of drinking fountains within the school that match those reported by the EPA to be lead-containing.

Location	Make	Model #	Serial #
None Matching			

Water Sampling Methods:

Water samples were collected from each selected location as “first draw” and/or “flush”. First draw samples typically represent worst case sample results. A flush sample is typically collected to determine if an elevation is originating beyond the fixture in the fixture supply line or beyond. Samples were deposited into a non-preserved 250-milliliter sterile Nalgene screw top bottle. Immediately following sample collection, the samples were delivered to Keystone Laboratories located at 8857 Long Street, Lenexa, Kansas 66215. Upon arrival at the laboratory, samples were preserved through addition of nitric acid.

Keystone Laboratories is accredited through the Missouri Department of Natural Resources for analysis of lead in water.

Below is a summary of the water sampling results as reported in Appendix C by Keystone Laboratories. Results exceeding the applicable drinking water standards are shown in red text.

March 19-20, 2024 Water Sampling Results:

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
1407-1-FD	Lewis and Clark - 001211-Nurse's Front Office	Sink Tap	First Draw	0.9
1407-2-FD	Lewis and Clark - 001212-Nurse's Front Office	Sink Tap	First Draw	13.6
1407-3-FD	Lewis and Clark - 001213-Staff Restroom-Front Office	Sink Tap	First Draw	6.5
1407-4-FD	Lewis and Clark - 001214-Work Room by Front Office	Sink Tap	First Draw	8.3
1407-5-FD	Lewis and Clark - 001215-Main Nurse's Office	Sink Tap	First Draw	<0.4
1407-6-FD	Lewis and Clark - 001216-Main Nurse Office-Restroom	Sink Tap	First Draw	<0.4
1407-7-FD	Lewis and Clark - 001217-Staff Restroom by Counselor's Office	Sink Tap	First Draw	<0.4

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
1407-8-FD	Lewis and Clark - 001218F-Room 13	Sink Tap	First Draw	39.8
1407-9-FD	Lewis and Clark - 001218B-Room 13	Bubbler	First Draw	3.3
1407-10-FD	Lewis and Clark - 001219F-Room 11	Sink Tap	First Draw	12.7
1407-11-FD	Lewis and Clark - 001219B-Room 11	Bubbler	First Draw	5.9
1407-12-FD	Lewis and Clark - 001220F-Room 10	Sink Tap	First Draw	4.1
1407-13-FD	Lewis and Clark - 001220B-Room 10	Bubbler	First Draw	1.8
1407-14-FD	Lewis and Clark - 001221-Room 12	Sink Tap	First Draw	6.2
1407-15-FD	Lewis and Clark - 001221B-Room 12	Bubbler	First Draw	1.5
1407-16-FD	Lewis and Clark - 001222-By Room 12-Left	Drinking Fountain	First Draw	0.6
1407-17-FD	Lewis and Clark - 001222-By Room 12-Right	Drinking Fountain	First Draw	0.7
1407-18-FD	Lewis and Clark - 001223-Across from 15-Girls-Right	Sink Tap	First Draw	0.7
1407-19-FD	Lewis and Clark - 001224-Across from 15-Girls-Left	Sink Tap	First Draw	0.6
1407-20-FD	Lewis and Clark - 001225-Across from 14-Boys-Left	Sink Tap	First Draw	1.6
1407-21-FD	Lewis and Clark - 001226-Across from 14-Boys-Right	Sink Tap	First Draw	1.3
1407-22-FD	Lewis and Clark - 001282-Kitchen-By Wall and Fan Mixer	Sink Tap	First Draw	1.2
1407-23-FD	Lewis and Clark - 002218-Kitchen-Three Bay Right	Sink Tap	First Draw	1.4
1407-24-FD	Lewis and Clark - 001283-Kitchen-By Dishwash Cleaning Sink and Door	Sink Tap	First Draw	3.7
1407-25-FD	Lewis and Clark - 001284-Kitchen	Ice Machine	First Draw	<0.4
1407-27-FD	Lewis and Clark - 001286-Kitchen-Handwashing Sink	Sink Tap	First Draw	0.5
1407-28-FD	Lewis and Clark - 002524-Kitchen	Sink Tap	First Draw	10.4
1407-29-FD	Lewis and Clark - 001278-Room 44-Left	Sink Tap	First Draw	14.9
1407-30-FD	Lewis and Clark - 001278B-Room 44-Left	Bubbler	First Draw	<0.4
1407-31-FD	Lewis and Clark - 001279-Room 44-	Sink Tap	First Draw	8.1
1407-32-FD	Lewis and Clark - 001279B-Room 44	Bubbler	First Draw	0.4
1407-33-FD	Lewis and Clark - 001280-Room 44-Restroom-Right	Sink Tap	First Draw	14.3

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
1407-34-FD	Lewis and Clark - 001281-Room 44-Restroom-Left	Sink Tap	First Draw	7.7
1407-35-FD	Lewis and Clark - 002525-Room 45	Sink Tap	First Draw	<0.4
1407-37-FD	Lewis and Clark - 002526-Room 45	Sink Tap	First Draw	<0.4
1407-38-FD	Lewis and Clark - 002526B-Room 45	Bubbler	First Draw	<0.4
1407-39-FD	Lewis and Clark - 002527-Room 45-Restroom	Sink Tap	First Draw	0.5
1407-40-FD	Lewis and Clark - 001273-Room 46-Restroom	Sink Tap	First Draw	<0.4
1407-41-FD	Lewis and Clark - 001274F-Room 46	Sink Tap	First Draw	<0.4
1407-42-FD	Lewis and Clark - 001274B-Room 46	Bubbler	First Draw	0.6
1407-43-FD	Lewis and Clark - 001275F-Room 46	Sink Tap	First Draw	<0.4
1407-44-FD	Lewis and Clark - 001275B-Room 46	Bubbler	First Draw	<0.4
1407-45-FD	Lewis and Clark - 001276F-Room 48	Sink Tap	First Draw	21.2
1407-46-FD	Lewis and Clark - 001276B-Room 48	Bubbler	First Draw	4.2
1407-47-FD	Lewis and Clark - 001277F-Room 48	Sink Tap	First Draw	30.9
1407-48-FD	Lewis and Clark - 001277B-Room 48	Bubbler	First Draw	0.9
1407-49-FD	Lewis and Clark - 001267B-Gym Entrance	Drinking Fountain	First Draw	<0.4
1407-50-FD	Lewis and Clark - 001267F-Gym Entrance	Bottle Filler	First Draw	<0.4
1407-51-FD	Lewis and Clark - 001268-Gym Entrance-Boys	Drinking Fountain	First Draw	<0.4
1407-52-FD	Lewis and Clark - 001269-Gym Restroom-Girls-Left	Sink Tap	First Draw	<0.4
1407-53-FD	Lewis and Clark - 001270-Gym Restroom-Girls-Right	Sink Tap	First Draw	<0.4
1407-54-FD	Lewis and Clark - 001271-Gym Restroom-Boys-Left	Sink Tap	First Draw	<0.4
1407-55-FD	Lewis and Clark - 001272-Gym Restroom-Boys-Right	Sink Tap	First Draw	<0.4
1407-56-FD	Lewis and Clark - 002528-Girls Bathroom by 42-Right	Sink Tap	First Draw	0.5
1407-57-FD	Lewis and Clark - 002529-Girls Bathroom by 42-Left	Sink Tap	First Draw	0.6
1407-58-FD	Lewis and Clark - 001266B-By Room 40	Drinking Fountain	First Draw	<0.4
1407-59-FD	Lewis and Clark - 001266F-By Room 40	Bottle Filler	First Draw	<0.4
1407-60-FD	Lewis and Clark - 002219-By Room 40	Drinking Fountain	First Draw	<0.4

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
1407-61-FD	Lewis and Clark - 001262-Boys Restroom by 40-Left	Sink Tap	First Draw	0.5
1407-62-FD	Lewis and Clark - 002530-By Room 40-Boys-Right	Sink Tap	First Draw	0.4
1407-63-FD	Lewis and Clark - 001261F-Room 40	Sink Tap	First Draw	7
1407-64-FD	Lewis and Clark - 001261B-Room 40	Bubbler	First Draw	0.4
1407-65-FD	Lewis and Clark - 001250F-Room 35	Sink Tap	First Draw	5.3
1407-66-FD	Lewis and Clark - 001250B-Room 35	Bubbler	First Draw	1.1
1407-67-FD	Lewis and Clark - 001249F-Room 34	Sink Tap	First Draw	2.9
1407-68-FD	Lewis and Clark - 001249B-Room 34	Bubbler	First Draw	1.3
1407-69-FD	Lewis and Clark - 001243-Room 33	Sink Tap	First Draw	14.9
1407-70-FD	Lewis and Clark - 001244-Room 32	Sink Tap	First Draw	11.3
1407-71-FD	Lewis and Clark - 001260-By Room 55-Left	Drinking Fountain	First Draw	<0.4
1407-72-FD	Lewis and Clark - 001260-By Room 55-Right	Drinking Fountain	First Draw	<0.4
1407-73-FD	Lewis and Clark - 001259-Girls Restroom by 55	Sink Tap	First Draw	<0.4
1407-74-FD	Lewis and Clark - 001258-Boys Restroom by 55	Sink Tap	First Draw	0.5
1407-75-FD	Lewis and Clark - 001251-Art Room-	Sink Tap	First Draw	0.7
1407-76-FD	Lewis and Clark - 001252-Art Room-	Sink Tap	First Draw	5.8
1407-77-FD	Lewis and Clark - 001253-Art Room	Sink Tap	First Draw	7.2
1407-79-FD	Lewis and Clark - 001255-Art Room	Sink Tap	First Draw	9.7
1407-80-FD	Lewis and Clark - 001257-Art Room	Sink Tap	First Draw	6.1
1407-81-FD	Lewis and Clark - 001248F-Room 24	Sink Tap	First Draw	1.7
1407-83-FD	Lewis and Clark - 001247F-Room 25	Sink Tap	First Draw	8.3
1407-84-FD	Lewis and Clark - 001247B-Room 25	Bubbler	First Draw	0.5
1407-85-FD	Lewis and Clark - 001246F-Room 23	Sink Tap	First Draw	6
1407-86-FD	Lewis and Clark - 001246B-Room 23	Bubbler	First Draw	<0.4
1407-87-FD	Lewis and Clark - 001245F-Room 22	Sink Tap	First Draw	2.8
1407-88-FD	Lewis and Clark - 001245B-Room 22	Bubbler	First Draw	0.4

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
1407-89-FD	Lewis and Clark - 001242-Room 31	Sink Tap	First Draw	9.6
1407-90-FD	Lewis and Clark - 001241-Room 30	Sink Tap	First Draw	47
1407-91-FD	Lewis and Clark - 001239-By Room 30	Drinking Fountain	First Draw	<0.4
1407-92-FD	Lewis and Clark - 002531-Boys Restroom by 30-Left	Sink Tap	First Draw	0.6
1407-93-FD	Lewis and Clark - 002532-Boys Restroom by 30-Right	Sink Tap	First Draw	0.7
1407-94-FD	Lewis and Clark - 002533-Girls Restroom by 30-Left	Sink Tap	First Draw	0.7
1407-95-FD	Lewis and Clark - 002534-Girls Restroom by 30-Right	Sink Tap	First Draw	0.6
1407-96-FD	Lewis and Clark - 001237-Staff Restroom by Room 30	Sink Tap	First Draw	0.5
1407-97-FD	Lewis and Clark - 001236-By Room 30	Drinking Fountain	First Draw	<0.4
1407-98-FD	Lewis and Clark - 001234F-Room 20	Sink Tap	First Draw	1.7
1407-99-FD	Lewis and Clark - 001234B-Room 20	Bubbler	First Draw	1.2
1407-100-FD	Lewis and Clark - 001235F-Room 21	Sink Tap	First Draw	5.9
1407-101-FD	Lewis and Clark - 001235-Room 21	Bubbler	First Draw	<0.4
1407-103-FD	Lewis and Clark - 001233-Library Data Closet	Sink Tap	First Draw	0.4
1407-104-FD	Lewis and Clark - 001231F-Room 19	Sink Tap	First Draw	12.6
1407-105-FD	Lewis and Clark - 001231-Room 19	Bubbler	First Draw	6.1
1407-106-FD	Lewis and Clark - 001230F-Room 18	Sink Tap	First Draw	17.4
1407-107-FD	Lewis and Clark - 001230B-Room 18	Bubbler	First Draw	4.8
1407-108-FD	Lewis and Clark - 001232F-Room 17	Sink Tap	First Draw	3.9
1407-109-FD	Lewis and Clark - 001232B-Room 17	Bubbler	First Draw	3.8
1407-110-FD	Lewis and Clark - 001228F-Room 16	Sink Tap	First Draw	7
1407-111-FD	Lewis and Clark - 001228B-Room 16	Bubbler	First Draw	1.2
1407-112-FD	Lewis and Clark - 001229-By Room 16-Left	Drinking Fountain	First Draw	0.6
1407-113-FD	Lewis and Clark - 002220B-By Room 16-Right	Drinking Fountain	First Draw	0.4
1407-114-FD	Lewis and Clark - 002220F-By Room 16	Bottle Filler	First Draw	0.9
1407-115-FD	Lewis and Clark - 001227-Room 15	Sink Tap	First Draw	14.3

May 1, 2024 Water Sampling Results:

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
1407-36-FD	Lewis and Clark - 002525B-By Room 45	Bubbler	First Draw	<0.4
1407-78-FD	Lewis and Clark - 001254-Art Room	Sink Tap	First Draw	2.8
1407-82-FD	Lewis and Clark - 001248B-Room 24	Bubbler	First Draw	1.3

Photos of the sampling locations are provided in Appendix D. A diagram containing identifiers on the outlets tested is provided in Appendix E.

Short-Term Control Measures

- Per the State of Missouri Senate Bills Nos. 681 & 662, a remediation plan should be developed and executed.
- Take immediate steps to prevent use from the failed source(s).
- Shut-off problem outlets
- Post “Not for Drinking/Cooking” at Problem Outlets. If initial sample results from an outlet(s) exceed the remediation trigger level, but are not routinely used for human ingestion (e.g., handwashing), clear signage can be posted to notify people that the outlet is not to be used for drinking or cooking until the problem is resolved.
- Consider performing follow-up flush testing in order to attempt to identify what component within the system is the source of the elevated lead concentration. This testing will assist to pinpoint where lead is getting into drinking water (i.e., fixtures versus interior plumbing) so that appropriate corrective measures can be taken.
- Shut-off or disconnection of problem outlets can provide a permanent solution. If the outlet is frequently used, this likely is not a practical long-term solution.
- Provide point-of-use (POU) filters at problem taps. Filters need routine maintenance (e.g., cartridge filter units need to be replaced periodically) to remain effective.

Permanent Control Measures

- Per the State of Missouri Senate Bills Nos. 681 & 662, a remediation plan should be developed and executed.
- Replacement of Problem Outlets and any identified upstream plumbing components (e.g., valves, leaded solder) to permanently address the problem. EPA's revised March 2015 guidance, How to Identify Lead-Free Certification Marks for Drinking Water System & Plumbing Products, can be a useful resource selecting leadfree plumbing.
- Provide point-of-use filters (POU) at problem taps as a long-term or permanent control measure. When doing this, facilities should be sure to create maintenance schedules and identify a point of contact to be in charge of making sure they are properly maintained.
- Reconfigure Plumbing. Ongoing renovation of school or childcare buildings may provide an opportunity to modify the plumbing system to redirect water supplied for drinking or cooking to bypass sources of lead contamination. Before undertaking such an alternative, be certain that you have properly identified all of the sources of lead contamination in drinking water.
- Remove and replace any drinking water coolers or drinking water outlets that the United States Environmental Protection Agency has determined are not lead-free under the federal Lead Contamination Control Act of 1988, as amended; except the school shall not be required to replace those drinking water outlets or water coolers that tested in accordance with state regulations and have been determined to be dispensing drinking water with a lead concentration less than five (5) part per billion (ppb); however, such drinking water outlet or water cooler shall be subject to all testing requirements and shall not be excluded from testing under subsection 10 of the Missouri Senate Bills Nos. 681 & 662, Section 160.077.
- Consider filtration of incoming water at the point of entry (POE) to the building.

Required Communication

- Contact staff and parents via written notification within seven (7) business days after receiving the test result.
- The notification shall include at least:
- The test results and a summary that explains such results;
- A description of any remedial steps taken; and
- A description of general health effects of lead contamination and community specific resources; and
- Provide bottled water if there is not enough water to meet the drinking water needs of the students, teachers, and staff.
- Submit such annual testing results to the Missouri Department of Health and Senior Services (DHSS).
- Before August 1, 2024, or the first day on which students will be present in the building, whichever is later, and annually thereafter, each school shall conduct testing for lead by first-draw and follow-up flush samples of a random sampling of at least twenty-five percent (25%) of remediated drinking water outlets until all remediated sources have been tested as recommended by the 2018 version of the United States Environmental Protection Agency's "Training, Testing, and Taking Action" program. The testing shall be conducted and the results analyzed for both types of tests by an entity or entities approved by the department.
- Any measures taken to remediate any elevated lead levels identified must be recorded and documented.

General Recommendations

- Retesting of all potential cooking and drinking water sources is required five (5) years from previous testing completed.
- If the condition changes or significant alterations to existing plumbing is undertaken, consider performing additional lead in drinking water sampling.
- Ensure that the plumbing system is not used as an electrical ground.
- If equipment is added that could affect water pH, alkalinity, or hardness, consider performing lead in drinking water sampling.

Any work resulting from this report should be conducted in accordance with the EPA Safe Drinking Water Act, Missouri SB 681 & 662, HUD Lead Regulations 24 CFR 35, EPA Lead Regulations 40 CFR 745, and Consumer Product Safety Commission document #5056.

If you have any questions concerning this report, please contact me at 816-678-7894.

Sincerely,



Jeff Hurst
Axiom Service Professionals LLC
jeffh@axiomservicepros.com

Limitations Drinking Water Testing

The presence or absence of lead and copper (if collected) in drinking water applies only to the test locations on the date of the field visit and it should be understood that conditions may change due to deterioration, pH, alkalinity, hardness, use levels, or maintenance. The results noted within this report were accurate at the time of the evaluation and in no way reflect the conditions at the property before or after the date of the evaluation. No other environmental concerns or conditions were addressed during this evaluation.

Appendix A
Certifications

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

Bradly A. Young

The person, firm or corporation whose name appears on this certificate has fulfilled the requirements for licensure as set forth in the Missouri Revised Statutes 701.300-701.338, as long as not suspended or revoked, and is hereby authorized to engage in the activity listed below.

Lead Inspector
Category of License

Issuance Date:	**10/4/2023**
Expiration Date:	**10/4/2025**
License Number:	**211004-300006201**

Paula F. Nickelson
Director
Department of Health and Senior Services

Lead Licensing Program, PO Box 570, Jefferson City, MO 65102

STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES

LEAD OCCUPATION LICENSE REGISTRATION

Issued to:

Jeffrey A. Hurst

The person, firm or corporation whose name appears on this certificate has fulfilled the requirements for licensure as set forth in the Missouri Revised Statutes 701.300-701.338, as long as not suspended or revoked, and is hereby authorized to engage in the activity listed below.

Lead Risk Assessor
Category of License

Issuance Date: **8/1/2022**
Expiration Date: **8/1/2024**
License Number: **000801-200166567**



Paula F. Nickelson
Acting Director
t of Health and Senior Services

son City, MO 65102

Appendix B
EPA Listed Lead Containing Drinking Fountains

Table C-1
Water Coolers With Other Lead Components

EBCO Manufacturing

- All pressure bubbler water coolers with shipping dates from 1962 through 1977 have a bubbler valve containing lead. The units contain a single, 50-50 tin-lead solder joint on the bubbler valve. Model numbers for coolers in this category are not available.

- The following models of pressure bubbler coolers produced from 1978 through 1981 contain one 50-50 tin-lead solder joint each.

CP3	DP15W	DPM8	7P	13P	DPM8H	DP15M	DP3R	DP8A
DP16M	DP5S	C10E	PX-10	DP7S	DP13SM	DP7M	DP7MH	DP7WD
WTC10	DP13M-60	DP14M	CP10-50	CP5	CP5M	DP15MW	DP3R	DP14S
DP20-50	DP7SM	DP10X	DP13A	DP13A-50	EP10F	DP5M	DP10F	CP3H
CP3-50	DP13M	DP3RH	DP5F	CP3M	EP5F	13PL	DP8AH	DP13S
CP10	DP20	DP12N	DP7WM	DP14A-50/60				

Halsey Taylor

- Lead solder was used in these models of water coolers manufactured between 1978 and the last week of 1987:

WMA-1	SCWT/SCWT-A	SWA-1	DC/DHC-1
S3/5/10D	BFC-4F/7F/4FS/7FS	S300/500/100D	

- The following coolers manufactured for Haws Drinking Faucet Company (Haws) by Halsey Taylor from November 1984 through December 18, 1987 are not lead-free because they contain 2 tin-lead solder joints. The model designations for these units are as follows:

HC8WT	HC14F	HC6W	HWC7D	HC8WTH	HC14FH	HC8W	HC2F	HC14WT
HC14FL	HC14W	HC2FH	HC14WTH	HC8FL	HC4F	HC5F	HC14WL	HCBF7D
HC4FH	HC10F	HC16WT	HCBF7HO	HC8F	HC8FH	HC4W	HWC7	

Table C-2
Halsey Taylor Water Coolers With Lead-Lined Tanks

- The following six model numbers have one or more units in the model series with lead-lined tanks:

WM8A WT8A GC10ACR GC10A GC5A RWM13A

- The following models and serial numbers contain lead-lined tanks:

WM14A Serial No. 843034	WM14A Serial No. 843006	WT11A Serial No. 222650
WT21A Serial No. 64309550	WT21A Serial No. 64309542	LL14A Serial No. 64346908

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Appendix C
Laboratory Analytical Report

MICROBAC®

Microbac Laboratories, Inc., Lenexa

CERTIFICATE OF ANALYSIS

3HC0114

AXIOM Service Professionals

Jeff Hurst
PO Box 47166
Kansas City, MO 64188

Project Name: 1407 Nashua Road

Project / PO Number: 1407 Nashua Road
Received: 03/22/2024
Reported: 04/05/2024

Analytical Testing Parameters

Client Sample ID: 1407-1-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-01
Collected By: Bradley Young
Collection Date: 03/19/2024 23:46

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.9**	0.4	ppb	2		04/02/24 0845	04/03/24 1517	RVV

Client Sample ID: 1407-2-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-02
Collected By: Bradley Young
Collection Date: 03/19/2024 23:46

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**13.6**	0.4	ppb	2		04/02/24 0845	04/03/24 1520	RVV

Client Sample ID: 1407-3-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-03
Collected By: Bradley Young
Collection Date: 03/19/2024 23:46

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**6.5**	0.4	ppb	2		04/02/24 0845	04/03/24 1523	RVV

Client Sample ID: 1407-4-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-04
Collected By: Bradley Young
Collection Date: 03/19/2024 23:46

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**8.3**	0.4	ppb	2		04/02/24 0845	04/03/24 1526	RVV

Client Sample ID: 1407-5-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-05
Collected By: Bradley Young
Collection Date: 03/19/2024 23:47

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1529	RVV

Client Sample ID: 1407-6-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-06
Collected By: Bradley Young
Collection Date: 03/19/2024 23:47

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1532	RVV

Client Sample ID: 1407-7-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-07
Collected By: Bradley Young
Collection Date: 03/19/2024 23:47

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1535	RVV

Client Sample ID: 1407-8-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-08
Collected By: Bradley Young
Collection Date: 03/19/2024 23:48

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**39.8**	0.4	ppb	2		04/02/24 0845	04/03/24 1538	RVV

Client Sample ID: 1407-9-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-09
Collected By: Bradley Young
Collection Date: 03/19/2024 23:48

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**3.3**	0.4	ppb	2		04/02/24 0845	04/03/24 1547	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID:	1407-10-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-10	**Collection Date:**	03/19/2024 23:48

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**12.7**	0.4	ppb	2		04/02/24 0845	04/03/24 1550	RVV

Client Sample ID:	1407-11-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-11	**Collection Date:**	03/19/2024 23:48

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**5.9**	0.4	ppb	2		04/02/24 0845	04/03/24 1553	RVV

Client Sample ID:	1407-12-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-12	**Collection Date:**	03/19/2024 23:49

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**4.1**	0.4	ppb	2		04/02/24 0845	04/03/24 1556	RVV

Client Sample ID:	1407-13-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-13	**Collection Date:**	03/19/2024 23:49

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.8**	0.4	ppb	2		04/02/24 0845	04/03/24 1559	RVV

Client Sample ID:	1407-14-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-14	**Collection Date:**	03/19/2024 23:49

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**6.2**	0.4	ppb	2		04/02/24 0845	04/03/24 1602	RVV

Client Sample ID: 1407-15-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-15
Collected By: Bradley Young
Collection Date: 03/19/2024 23:49

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.5**	0.4	ppb	2		04/02/24 0845	04/03/24 1605	RVV

Client Sample ID: 1407-16-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-16
Collected By: Bradley Young
Collection Date: 03/19/2024 23:50

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.6**	0.4	ppb	2		04/02/24 0845	04/03/24 1608	RVV

Client Sample ID: 1407-17-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-17
Collected By: Bradley Young
Collection Date: 03/19/2024 23:50

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.7**	0.4	ppb	2		04/02/24 0845	04/03/24 1611	RVV

Client Sample ID: 1407-18-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-18
Collected By: Bradley Young
Collection Date: 03/19/2024 23:51

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.7**	0.4	ppb	2		04/02/24 0845	04/03/24 1614	RVV

Client Sample ID: 1407-19-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-19
Collected By: Bradley Young
Collection Date: 03/19/2024 23:51

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.6**	0.4	ppb	2		04/02/24 0845	04/03/24 1629	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID: 1407-20-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-20
Collected By: Bradley Young
Collection Date: 03/19/2024 23:51

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.6**	0.4	ppb	2		04/02/24 0845	04/03/24 1638	RVV

Client Sample ID: 1407-21-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-21
Collected By: Bradley Young
Collection Date: 03/19/2024 23:52

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.3**	0.4	ppb	2		04/02/24 0845	04/03/24 1641	RVV

Client Sample ID: 1407-22-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-22
Collected By: Bradley Young
Collection Date: 03/19/2024 23:53

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.2**	0.4	ppb	2		04/02/24 0845	04/03/24 1644	RVV

Client Sample ID: 1407-23-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-23
Collected By: Bradley Young
Collection Date: 03/19/2024 23:53

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.4**	0.4	ppb	2		04/02/24 0845	04/03/24 1647	RVV

Client Sample ID: 1407-24-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-24
Collected By: Bradley Young
Collection Date: 03/19/2024 23:53

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**3.7**	0.4	ppb	2		04/02/24 0845	04/03/24 1650	RVV

Client Sample ID: 1407-25-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-25
Collected By: Bradley Young
Collection Date: 03/19/2024 9:12

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1659	RVV

Client Sample ID: 1407-27-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-26
Collected By: Bradley Young
Collection Date: 03/19/2024 23:54

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.5**	0.4	ppb	2		04/02/24 0845	04/03/24 1702	RVV

Client Sample ID: 1407-28-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-27
Collected By: Bradley Young
Collection Date: 03/19/2024 23:54

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**10.4**	0.4	ppb	2		04/02/24 0845	04/03/24 1705	RVV

Client Sample ID: 1407-29-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-28
Collected By: Bradley Young
Collection Date: 03/19/2024 23:55

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**14.9**	0.4	ppb	2		04/02/24 0845	04/03/24 1708	RVV

Client Sample ID: 1407-30-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-29
Collected By: Bradley Young
Collection Date: 03/19/2024 23:55

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1711	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID: 1407-31-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-30
Collected By: Bradley Young
Collection Date: 03/19/2024 23:56

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**8.1**	0.4	ppb	2		04/02/24 0845	04/03/24 1714	RVV

Client Sample ID: 1407-32-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-31
Collected By: Bradley Young
Collection Date: 03/19/2024 23:56

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.4**	0.4	ppb	2		04/02/24 0845	04/03/24 1717	RVV

Client Sample ID: 1407-33-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-32
Collected By: Bradley Young
Collection Date: 03/19/2024 23:56

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**14.3**	0.4	ppb	2		04/02/24 0845	04/03/24 1720	RVV

Client Sample ID: 1407-34-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-33
Collected By: Bradley Young
Collection Date: 03/19/2024 23:56

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**7.7**	0.4	ppb	2		04/02/24 0845	04/03/24 1723	RVV

Client Sample ID: 1407-35-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-34
Collected By: Bradley Young
Collection Date: 03/19/2024 23:57

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1726	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID: 1407-37-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-35
Collected By: Bradley Young
Collection Date: 03/19/2024 23:57

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1734	RVV

Client Sample ID: 1407-38-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-36
Collected By: Bradley Young
Collection Date: 03/19/2024 23:57

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1737	RVV

Client Sample ID: 1407-39-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-37
Collected By: Bradley Young
Collection Date: 03/19/2024 23:58

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.5**	0.4	ppb	2		04/02/24 0845	04/03/24 1740	RVV

Client Sample ID: 1407-40-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-38
Collected By: Bradley Young
Collection Date: 03/19/2024 23:58

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1743	RVV

Client Sample ID: 1407-41-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-39
Collected By: Bradley Young
Collection Date: 03/19/2024 23:58

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1752	RVV

Client Sample ID: 1407-42-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-40
Collected By: Bradley Young
Collection Date: 03/19/2024 23:58

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.6**	0.4	ppb	2		04/02/24 0845	04/03/24 1801	RVV

Client Sample ID: 1407-43-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-41
Collected By: Bradley Young
Collection Date: 03/19/2024 23:58

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1810	RVV

Client Sample ID: 1407-44-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-42
Collected By: Bradley Young
Collection Date: 03/19/2024 23:59

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1813	RVV

Client Sample ID: 1407-45-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-43
Collected By: Bradley Young
Collection Date: 03/19/2024 23:59

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**21.2**	0.4	ppb	2		04/02/24 0845	04/03/24 1816	RVV

Client Sample ID: 1407-46-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-44
Collected By: Bradley Young
Collection Date: 03/19/2024 23:59

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**4.2**	0.4	ppb	2		04/02/24 0845	04/03/24 1819	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID: 1407-47-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-45
Collected By: Bradley Young
Collection Date: 03/19/2024 23:59

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**30.9**	0.4	ppb	2		04/02/24 0845	04/03/24 1822	RVV

Client Sample ID: 1407-48-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-46
Collected By: Bradley Young
Collection Date: 03/19/2024 23:59

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.9**	0.4	ppb	2		04/02/24 0845	04/03/24 1825	RVV

Client Sample ID: 1407-49-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-47
Collected By: Bradley Young
Collection Date: 03/20/2024

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1828	RVV

Client Sample ID: 1407-50-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-48
Collected By: Bradley Young
Collection Date: 03/20/2024

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1831	RVV

Client Sample ID: 1407-51-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-49
Collected By: Bradley Young
Collection Date: 03/20/2024

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1834	RVV

Client Sample ID: 1407-52-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-50
Collected By: Bradley Young
Collection Date: 03/20/2024 0:01

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1837	RVV

Client Sample ID: 1407-53-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-51
Collected By: Bradley Young
Collection Date: 03/20/2024 0:01

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1846	RVV

Client Sample ID: 1407-54-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-52
Collected By: Bradley Young
Collection Date: 03/20/2024 0:01

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1849	RVV

Client Sample ID: 1407-55-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-53
Collected By: Bradley Young
Collection Date: 03/20/2024 0:02

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1852	RVV

Client Sample ID: 1407-56-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-54
Collected By: Bradley Young
Collection Date: 03/20/2024 0:02

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.5**	0.4	ppb	2		04/02/24 0845	04/03/24 1855	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID: 1407-57-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-55
Collected By: Bradley Young
Collection Date: 03/20/2024 0:02

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.6**	0.4	ppb	2		04/02/24 0845	04/03/24 1858	RVV

Client Sample ID: 1407-58-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-56
Collected By: Bradley Young
Collection Date: 03/20/2024 0:03

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1901	RVV

Client Sample ID: 1407-59-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-57
Collected By: Bradley Young
Collection Date: 03/20/2024 0:03

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1904	RVV

Client Sample ID: 1407-60-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-58
Collected By: Bradley Young
Collection Date: 03/20/2024 0:03

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 1907	RVV

Client Sample ID: 1407-61-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-59
Collected By: Bradley Young
Collection Date: 03/20/2024 0:04

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.5**	0.4	ppb	2		04/02/24 0845	04/03/24 1922	RVV

Client Sample ID: 1407-62-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-60
Collected By: Bradley Young
Collection Date: 03/20/2024 0:04

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.4**	0.4	ppb	2		04/02/24 0845	04/03/24 1931	RVV

Client Sample ID: 1407-63-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-61
Collected By: Bradley Young
Collection Date: 03/20/2024 0:05

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**7.0**	0.4	ppb	2		04/02/24 0845	04/03/24 1934	RVV

Client Sample ID: 1407-64-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-62
Collected By: Bradley Young
Collection Date: 03/20/2024 0:05

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.4**	0.4	ppb	2		04/02/24 0845	04/03/24 1937	RVV

Client Sample ID: 1407-65-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-63
Collected By: Bradley Young
Collection Date: 03/20/2024 0:06

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**5.3**	0.4	ppb	2		04/02/24 0845	04/03/24 1940	RVV

Client Sample ID: 1407-66-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-64
Collected By: Bradley Young
Collection Date: 03/20/2024 0:06

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.1**	0.4	ppb	2		04/02/24 0845	04/03/24 1943	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID: 1407-67-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-65
Collected By: Bradley Young
Collection Date: 03/20/2024 0:06

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**2.9**	0.4	ppb	2		04/02/24 0845	04/03/24 1946	RVV

Client Sample ID: 1407-68-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-66
Collected By: Bradley Young
Collection Date: 03/20/2024 0:07

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.3**	0.4	ppb	2		04/02/24 0845	04/03/24 1949	RVV

Client Sample ID: 1407-69-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-67
Collected By: Bradley Young
Collection Date: 03/20/2024 0:07

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**14.9**	0.4	ppb	2		04/02/24 0845	04/03/24 1958	RVV

Client Sample ID: 1407-70-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-68
Collected By: Bradley Young
Collection Date: 03/20/2024 0:07

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**11.3**	0.4	ppb	2		04/02/24 0845	04/03/24 2001	RVV

Client Sample ID: 1407-71-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-69
Collected By: Bradley Young
Collection Date: 03/20/2024 0:08

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 2004	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID: 1407-72-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-70
Collected By: Bradley Young
Collection Date: 03/20/2024 0:08

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 2007	RVV

Client Sample ID: 1407-73-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-71
Collected By: Bradley Young
Collection Date: 03/20/2024 0:08

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 2010	RVV

Client Sample ID: 1407-74-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-72
Collected By: Bradley Young
Collection Date: 03/20/2024 0:09

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.5**	0.4	ppb	2		04/02/24 0845	04/03/24 2013	RVV

Client Sample ID: 1407-75-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-73
Collected By: Bradley Young
Collection Date: 03/20/2024 0:09

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.7**	0.4	ppb	2		04/02/24 0845	04/03/24 2016	RVV

Client Sample ID: 1407-76-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-74
Collected By: Bradley Young
Collection Date: 03/20/2024 0:09

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**5.8**	0.4	ppb	2		04/02/24 0845	04/03/24 2019	RVV

CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID:	1407-77-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-75	**Collection Date:**	03/20/2024 0:10

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**7.2**	0.4	ppb	2		04/02/24 0845	04/03/24 2022	RVV

Client Sample ID:	1407-79-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-76	**Collection Date:**	03/20/2024 0:10

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**9.7**	0.4	ppb	2		04/02/24 0845	04/03/24 2025	RVV

Client Sample ID:	1407-80-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-77	**Collection Date:**	03/20/2024 0:10

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**6.1**	0.4	ppb	2		04/02/24 0845	04/03/24 2034	RVV

Client Sample ID:	1407-81-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-78	**Collection Date:**	03/20/2024 0:11

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.7**	0.4	ppb	2		04/02/24 0845	04/03/24 2037	RVV

Client Sample ID:	1407-83-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-79	**Collection Date:**	03/20/2024 0:11

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**8.3**	0.4	ppb	2		04/02/24 0845	04/03/24 2046	RVV

Client Sample ID: 1407-84-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-80
Collected By: Bradley Young
Collection Date: 03/20/2024 0:12

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.5**	0.4	ppb	2		04/02/24 0845	04/03/24 2055	RVV

Client Sample ID: 1407-85-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-81
Collected By: Bradley Young
Collection Date: 03/20/2024 0:12

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**6.0**	0.4	ppb	2		04/02/24 0845	04/03/24 2058	RVV

Client Sample ID: 1407-86-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-82
Collected By: Bradley Young
Collection Date: 03/20/2024 0:12

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 2101	RVV

Client Sample ID: 1407-87-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-83
Collected By: Bradley Young
Collection Date: 03/20/2024 0:12

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**2.8**	0.4	ppb	2		04/02/24 0845	04/03/24 2110	RVV

Client Sample ID: 1407-88-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-84
Collected By: Bradley Young
Collection Date: 03/20/2024 0:13

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.4**	0.4	ppb	2		04/02/24 0845	04/03/24 2113	RVV

Client Sample ID: 1407-89-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-85
Collected By: Bradley Young
Collection Date: 03/20/2024 0:13

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**9.6**	0.4	ppb	2		04/02/24 0845	04/03/24 2116	RVV

Client Sample ID: 1407-90-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-86
Collected By: Bradley Young
Collection Date: 03/20/2024 0:13

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**47.0**	0.4	ppb	2		04/02/24 0845	04/03/24 2119	RVV

Client Sample ID: 1407-91-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-87
Collected By: Bradley Young
Collection Date: 03/20/2024 0:13

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 2122	RVV

Client Sample ID: 1407-92-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-88
Collected By: Bradley Young
Collection Date: 03/20/2024 0:14

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.6**	0.4	ppb	2		04/02/24 0845	04/03/24 2126	RVV

Client Sample ID: 1407-93-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-89
Collected By: Bradley Young
Collection Date: 03/20/2024 0:14

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.7**	0.4	ppb	2		04/02/24 0845	04/03/24 2129	RVV

Client Sample ID: 1407-94-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-90
Collected By: Bradley Young
Collection Date: 03/20/2024 0:14

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.7**	0.4	ppb	2		04/02/24 0845	04/03/24 2132	RVV

Client Sample ID: 1407-95-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-91
Collected By: Bradley Young
Collection Date: 03/20/2024 0:15

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.6**	0.4	ppb	2		04/02/24 0845	04/03/24 2135	RVV

Client Sample ID: 1407-96-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-92
Collected By: Bradley Young
Collection Date: 03/20/2024 0:15

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.5**	0.4	ppb	2		04/02/24 0845	04/03/24 2138	RVV

Client Sample ID: 1407-97-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-93
Collected By: Bradley Young
Collection Date: 03/20/2024 0:15

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 2147	RVV

Client Sample ID: 1407-98-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-94
Collected By: Bradley Young
Collection Date: 03/20/2024 0:16

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.7**	0.4	ppb	2		04/02/24 0845	04/03/24 2150	RVV

Client Sample ID: 1407-99-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-95
Collected By: Bradley Young
Collection Date: 03/20/2024 0:16

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.2**	0.4	ppb	2		04/02/24 0845	04/03/24 2153	RVV

Client Sample ID: 1407-100-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-96
Collected By: Bradley Young
Collection Date: 03/20/2024 0:16

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**5.9**	0.4	ppb	2		04/02/24 0845	04/03/24 2155	RVV

Client Sample ID: 1407-101-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-97
Collected By: Bradley Young
Collection Date: 03/20/2024 0:16

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		04/02/24 0845	04/03/24 2158	RVV

Client Sample ID: 1407-103-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-98
Collected By: Bradley Young
Collection Date: 03/20/2024 0:17

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.4**	0.4	ppb	2		04/02/24 0845	04/03/24 2201	RVV

Client Sample ID: 1407-104-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-99
Collected By: Bradley Young
Collection Date: 03/20/2024 0:17

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**12.6**	0.4	ppb	2		04/02/24 0845	04/03/24 2210	RVV

Client Sample ID: 1407-105-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AA
Collected By: Bradley Young
Collection Date: 03/20/2024 0:17

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**6.1**	0.4	ppb	2		04/02/24 0845	04/03/24 2225	RVV

Client Sample ID: 1407-106-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AB
Collected By: Bradley Young
Collection Date: 03/20/2024 0:17

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**17.4**	0.4	ppb	2		04/02/24 0845	04/03/24 2228	RVV

Client Sample ID: 1407-107-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AC
Collected By: Bradley Young
Collection Date: 03/20/2024 0:18

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**4.8**	0.4	ppb	2		04/02/24 0845	04/03/24 2231	RVV

Client Sample ID: 1407-108-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AD
Collected By: Bradley Young
Collection Date: 03/20/2024 0:18

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**3.9**	0.4	ppb	2		04/02/24 0845	04/03/24 2234	RVV

Client Sample ID: 1407-109-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AE
Collected By: Bradley Young
Collection Date: 03/20/2024 0:18

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**3.8**	0.4	ppb	2		04/02/24 0845	04/03/24 2237	RVV

Client Sample ID: 1407-110-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AF
Collected By: Bradley Young
Collection Date: 03/20/2024 0:19

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**7.0**	0.4	ppb	2		04/02/24 0845	04/03/24 2240	RVV

Client Sample ID: 1407-111-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AG
Collected By: Bradley Young
Collection Date: 03/20/2024 0:19

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.2**	0.4	ppb	2		04/02/24 0845	04/03/24 2243	RVV

Client Sample ID: 1407-112-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AH
Collected By: Bradley Young
Collection Date: 03/20/2024 0:19

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.6**	0.4	ppb	2		04/02/24 0845	04/03/24 2246	RVV

Client Sample ID: 1407-113-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AI
Collected By: Bradley Young
Collection Date: 03/20/2024 0:20

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.4**	0.4	ppb	2		04/02/24 0845	04/03/24 2249	RVV

Client Sample ID: 1407-114-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HC0114-AJ
Collected By: Bradley Young
Collection Date: 03/20/2024 0:20

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**0.9**	0.4	ppb	2		04/02/24 0845	04/03/24 2258	RVV

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CERTIFICATE OF ANALYSIS

3HC0114

Client Sample ID:	1407-115-FD		
Sample Matrix:	Drink Wtr	**Collected By:**	Bradley Young
Lab Sample ID:	3HC0114-AK	**Collection Date:**	03/20/2024 0:20

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**14.3**	0.4	ppb	2		04/02/24 0845	04/03/24 2301	RVV

Definitions

RL: Reporting Limit

Report Comments

Reviewed and Approved By:

Victoria Bruck
Field Technician II
04/05/24 07:49

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. ***The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

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PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:	Bradly Young	NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:	Lewis and Clark Elementary	CO. NAME:		CO. NAME:	
ADDRESS:	1407 Nashua Road	ADRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Liberty, Missouri 64068	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-522-2275	PHONE:	816-678-7894	PHONE:	816-678-7894
		EMAIL:	jeffh@axiomservicepros.com	EMAIL:	jeffh@axiomservicepros.com

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-1-FD	3/19/2024	23:46	Lewis and Clark - Sink Tap - 001211-Nurse Office-Front Office	1	Wt	Grab	X								01
1407-2-FD	3/19/2024	23:46	Lewis and Clark - Sink Tap - 001212-Nurse Office-Front Office	1	Wt	Grab	X								02
1407-3-FD	3/19/2024	23:46	Lewis and Clark - Sink Tap - 001213-Staff Bathroom-Front Office	1	Wt	Grab	X								03
1407-4-FD	3/19/2024	23:46	Lewis and Clark - Sink Tap - 001214-Work Room by Front Office	1	Wt	Grab	X								04
1407-5-FD	3/19/2024	23:47	Lewis and Clark - Sink Tap - 001215-Main Nurse Office	1	Wt	Grab	X								05
1407-6-FD	3/19/2024	23:47	Lewis and Clark - Sink Tap - 001216-Main Nurse Office-Bathroom	1	Wt	Grab	X								06
1407-7-FD	3/19/2024	23:47	Lewis and Clark - Sink Tap - 001217-Staff Bathroom by Counselor Office	1	Wt	Grab	X								07

LAB USE ONLY
Wk Order #: 3HC0114
Short Hold:
Rush:
Temp: oC 17.5

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:	Remarks:
	Time:			Time:	
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:	
				3/22/24	
	Time:			Time:	
				10:30	

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AXIOM Service Professionals
PM: Carolyn Jackson

Keystone LABORATORIES
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___ 600 E. 17th St. S, Newton, IA 50208, Phone: 641-792-8451
___ 3012 Ansborough Ave, Waterloo, IA 50701, Phone: 319-235-4440
X 835 S St. Paul, Kansas City, KS 66105, Phone: 913-321-7856
___ 205 E Van Buren St, Centerville, IA 52544, Phone: 641-437-7023

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:	Lewis and Clark Elementary	CO. NAME:		CO. NAME:	
ADDRESS:	1407 Nashua Road	ADRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Liberty, Missouri 64068	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-522-2275	PHONE:	816-678-7894	PHONE:	816-678-7894
		EMAIL:	jeffh@axiomservicepros.com	EMAIL:	jeffh@axiomservicepros.com

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-8-FD	3/19/2024	23:48	Lewis and Clark - Sink Tap - 001218F-Room 13	1	Wt	Grab	X								08
1407-9-FD	3/19/2024	23:48	Lewis and Clark - Bubbler - 001218B-Room 13	1	Wt	Grab	X								09
1407-10-FD	3/19/2024	23:48	Lewis and Clark - Sink Tap - 001219F-Room 11	1	Wt	Grab	X								10
1407-11-FD	3/19/2024	23:48	Lewis and Clark - Bubbler - 001219B-Room 11	1	Wt	Grab	X								11
1407-12-FD	3/19/2024	23:49	Lewis and Clark - Sink Tap - 001220F-Room 10	1	Wt	Grab	X								12
1407-13-FD	3/19/2024	23:49	Lewis and Clark - Bubbler - 001220B-Room 10	1	Wt	Grab	X								13
1407-14-FD	3/19/2024	23:49	Lewis and Clark - Sink Tap - 001221-Room 12	1	Wt	Grab	X								14

LAB USE ONLY: Wk Order #: ___ Short Hold: ___ Rush: ___ Temp: ___ oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

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CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-15-FD	3/19/2024	23:49	Lewis and Clark - Bubbler - 001221B-Room 12	1	Wt	Grab	X								15
1407-16-FD	3/19/2024	23:50	Lewis and Clark - Drinking Fountain - 001222-By Room 12-Left	1	Wt	Grab	X								16
1407-17-FD	3/19/2024	23:50	Lewis and Clark - Drinking Fountain - 001222-By Room 12-Right	1	Wt	Grab	X								17
1407-18-FD	3/19/2024	23:51	Lewis and Clark - Sink Tap - 001223-Across from 15-Girls-Right	1	Wt	Grab	X								18
1407-19-FD	3/19/2024	23:51	Lewis and Clark - Sink Tap - 001224-Across from 15-Girls-Left	1	Wt	Grab	X								19
1407-20-FD	3/19/2024	23:51	Lewis and Clark - Sink Tap - 001225-Across from 14-Boys-Left	1	Wt	Grab	X								20
1407-21-FD	3/19/2024	23:52	Lewis and Clark - Sink Tap - 001226-Across from 14-Boys-Right	1	Wt	Grab	X								21

LAB USE ONLY: Wk Order #: ; Short Hold: ; Rush: ; Temp: oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

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CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-22-FD	3/19/2024	23:53	Lewis and Clark - Sink Tap - 001282-Kitchen-By Wall and Fan Mixer	1	Wt	Grab	X								22
1407-23-FD	3/19/2024	23:53	Lewis and Clark - Sink Tap - 002218-Kitchen-3 Bay Right	1	Wt	Grab	X								23
1407-24-FD	3/19/2024	23:53	Lewis and Clark - Sink Tap - 001283-Kitchen-By Dish clean and door	1	Wt	Grab	X								24
1407-25-FD	3/19/2024	09:12	Lewis and Clark - Ice Machine - 001284-Kitchen	1	Wt	Grab	X								25
1407-27-FD	3/19/2024	23:54	Lewis and Clark - Sink Tap - 001286-Kitchen-Handwashing	1	Wt	Grab	X								26
1407-28-FD	3/19/2024	23:54	Lewis and Clark - Sink Tap - 002524-Kitchen	1	Wt	Grab	X								27
1407-29-FD	3/19/2024	23:55	Lewis and Clark - Sink Tap - 001278-Room 44-Left	1	Wt	Grab	X								28

LAB USE ONLY: Wk Order #: ___ Short Hold: ___ Rush: ___ Temp: ___ oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

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CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	LAB USE ONLY: Sample #
1407-30-FD	3/19/2024	23:55	Lewis and Clark - Bubbler - 001278B-Room 44-Left	1	Wt	Grab	X								29
1407-31-FD	3/19/2024	23:56	Lewis and Clark - Sink Tap - 001279-Room 44-	1	Wt	Grab	X								30
1407-32-FD	3/19/2024	23:56	Lewis and Clark - Bubbler - 001279B-Room 44	1	Wt	Grab	X								31
1407-33-FD	3/19/2024	23:56	Lewis and Clark - Sink Tap - 001280-Room 44-Bathroom-Right	1	Wt	Grab	X								32
1407-34-FD	3/19/2024	23:56	Lewis and Clark - Sink Tap - 001281-Room 44-Bathroom-Left	1	Wt	Grab	X								33
1407-35-FD	3/19/2024	23:57	Lewis and Clark - Sink Tap - 002525-Room 45	1	Wt	Grab	X								34
1407-37-FD	3/19/2024	23:57	Lewis and Clark - Sink Tap - 002526-Room 45	1	Wt	Grab	X								35

LAB USE ONLY: Wk Order #: ___ Short Hold: ___ Rush: ___ Temp: ___ oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC01144

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CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-38-FD	3/19/2024	23:57	Lewis and Clark - Bubbler - 002526B-Room 45	1	Wt	Grab	X								36
1407-39-FD	3/19/2024	23:58	Lewis and Clark - Sink Tap - 002527-Room 45-Bathroom	1	Wt	Grab	X								37
1407-40-FD	3/19/2024	23:58	Lewis and Clark - Sink Tap - 001273-Room 46-Bathroom	1	Wt	Grab	X								38
1407-41-FD	3/19/2024	23:58	Lewis and Clark - Sink Tap - 001274F-Room 46	1	Wt	Grab	X								39
1407-42-FD	3/19/2024	23:58	Lewis and Clark - Bubbler - 001274B-Room 46	1	Wt	Grab	X								40
1407-43-FD	3/19/2024	23:58	Lewis and Clark - Sink Tap - 001275F-Room 46	1	Wt	Grab	X								41
1407-44-FD	3/19/2024	23:59	Lewis and Clark - Bubbler - 001275B-Room 46	1	Wt	Grab	X								42

LAB USE ONLY: Wk Order #: ___ Short Hold: ___ Rush: ___ Temp: oC ___

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

AXIOM Service Professionals

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CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-45-FD	3/19/2024	23:59	Lewis and Clark - Sink Tap - 001276F-Room 48	1	Wt	Grab	X								43
1407-46-FD	3/19/2024	23:59	Lewis and Clark - Bubbler - 001276B-Room 48	1	Wt	Grab	X								44
1407-47-FD	3/19/2024	23:59	Lewis and Clark - Sink Tap - 001277F-Room 48	1	Wt	Grab	X								45
1407-48-FD	3/19/2024	23:59	Lewis and Clark - Bubbler - 001277B-Room 48	1	Wt	Grab	X								46
1407-49-FD	3/20/2024	00:00	Lewis and Clark - Drinking Fountain - 001267B-Gym Entrance	1	Wt	Grab	X								47
1407-50-FD	3/20/2024	00:00	Lewis and Clark - Bottle Filler - 001267F-Gym Entrance	1	Wt	Grab	X								48
1407-51-FD	3/20/2024	00:00	Lewis and Clark - Drinking Fountain - 001268-Gym Entrance-Boys	1	Wt	Grab	X								49

LAB USE ONLY: Wk Order #: | Short Hold: | Rush: | Temp: oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

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														Wk Order #:	
														Short Hold:	
														Rush:	
														Temp: oC	
1407-52-FD	3/20/2024	00:01	Lewis and Clark - Sink Tap - 001269-Gym Restroom-Girls-Left	1	Wt	Grab	X								50
1407-53-FD	3/20/2024	00:01	Lewis and Clark - Sink Tap - 001270-Gym Restroom-Girls-Right	1	Wt	Grab	X								51
1407-54-FD	3/20/2024	00:01	Lewis and Clark - Sink Tap - 001271-Gym Restroom-Boys-Left	1	Wt	Grab	X								52
1407-55-FD	3/20/2024	00:02	Lewis and Clark - Sink Tap - 001272-Gym Restroom-Boys-Right	1	Wt	Grab	X								53
1407-56-FD	3/20/2024	00:02	Lewis and Clark - Sink Tap - 002528-Girls Bathroom by 42-Right	1	Wt	Grab	X								54
1407-57-FD	3/20/2024	00:02	Lewis and Clark - Sink Tap - 002529-Girls Bathroom by 42-Left	1	Wt	Grab	X								55
1407-58-FD	3/20/2024	00:03	Lewis and Clark - Drinking Fountain - 001266B-By Room 40	1	Wt	Grab	X								56

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	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

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														Wk Order #:	
														Short Hold:	
														Rush:	
														Temp: oC	
1407-59-FD	3/20/2024	00:03	Lewis and Clark - Drinking Fountain - 001266F-By Room 40	1	Wt	Grab	X								57
1407-60-FD	3/20/2024	00:03	Lewis and Clark - Drinking Fountain - 002219-By Room 40	1	Wt	Grab	X								58
1407-61-FD	3/20/2024	00:04	Lewis and Clark - Sink Tap - 001262-Boys Bathroom by 40-Left	1	Wt	Grab	X								59
1407-62-FD	3/20/2024	00:04	Lewis and Clark - Sink Tap - 002530-By Room 40-Boys-Right	1	Wt	Grab	X								60
1407-63-FD	3/19/2024	00:05	Lewis and Clark - Sink Tap - 001261F-Room 40	1	Wt	Grab	X								61
1407-64-FD	3/20/2024	00:05	Lewis and Clark - Bubbler - 001261B-Room 40	1	Wt	Grab	X								62
1407-65-FD	3/20/2024	00:06	Lewis and Clark - Sink Tap - 001250F-Room 35	1	Wt	Grab	X								63

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	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

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1407-66-FD	3/20/2024	00:06	Lewis and Clark - Bubbler - 001250B-Room 35	1	Wt	Grab	X								64
1407-67-FD	3/20/2024	00:06	Lewis and Clark - Sink Tap - 001249F-Room 34	1	Wt	Grab	X								65
1407-68-FD	3/20/2024	00:07	Lewis and Clark - Bubbler - 001249B-Room 34	1	Wt	Grab	X								66
1407-69-FD	3/20/2024	00:07	Lewis and Clark - Sink Tap - 001243-Room 33	1	Wt	Grab	X								67
1407-70-FD	3/20/2024	00:07	Lewis and Clark - Sink Tap - 001244-Room 32	1	Wt	Grab	X								68
1407-71-FD	3/20/2024	00:08	Lewis and Clark - Drinking Fountain - 001260-By Room 55-Left	1	Wt	Grab	X								69
1407-72-FD	3/20/2024	00:08	Lewis and Clark - Drinking Fountain - 001260-By Room 55-Right	1	Wt	Grab	X								70

LAB USE ONLY: Wk Order #: | Short Hold: | Rush: | Temp: oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC01114

AXIOM Service Professionals

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___ 205 E Van Buren St, Centerville, IA 52544, Phone: 641-437-7023

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:	Lewis and Clark Elementary	CO. NAME:		CO. NAME:	
ADDRESS:	1407 Nashua Road	ADRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Liberty, Missouri 64068	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-522-2275	PHONE:	816-678-7894	PHONE:	816-678-7894
		EMAIL:	jeffh@axiomservicepros.com	EMAIL:	jeffh@axiomservicepros.com

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-73-FD	3/20/2024	00:08	Lewis and Clark - Sink Tap - 001259-Girls Bathroom by 55-	1	Wt	Grab	X								71
1407-74-FD	3/20/2024	00:09	Lewis and Clark - Sink Tap - 001258-Boys Bathroom by 55	1	Wt	Grab	X								72
1407-75-FD	3/20/2024	00:09	Lewis and Clark - Sink Tap - 001251-Art Room-	1	Wt	Grab	X								73
1407-76-FD	3/20/2024	00:09	Lewis and Clark - Sink Tap - 001252-Art Room-	1	Wt	Grab	X								74
1407-77-FD	3/20/2024	00:10	Lewis and Clark - Sink Tap - 001253-Art Room	1	Wt	Grab	X								75
1407-79-FD	3/20/2024	00:10	Lewis and Clark - Sink Tap - 001255-Art Room	1	Wt	Grab	X								76
1407-80-FD	3/20/2024	00:10	Lewis and Clark - Sink Tap - 001257-Art Room	1	Wt	Grab	X								77

LAB USE ONLY: Wk Order #: ; Short Hold: ; Rush: ; Temp: oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

3HC0114

AXIOM Service Professionals

PM: Carolyn Jackson

Keystone LABORATORIES
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CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	LAB USE ONLY: Sample #
1407-81-FD	3/20/2024	00:11	Lewis and Clark - Sink Tap - 001248F-Room 24	1	Wt	Grab	X								78
1407-83-FD	3/20/2024	00:11	Lewis and Clark - Sink Tap - 001247F-Room 25	1	Wt	Grab	X								79
1407-84-FD	3/20/2024	00:12	Lewis and Clark - Bubbler - 001247B-Room 25	1	Wt	Grab	X								80
1407-85-FD	3/20/2024	00:12	Lewis and Clark - Sink Tap - 001246F-Room 23	1	Wt	Grab	X								81
1407-86-FD	3/20/2024	00:12	Lewis and Clark - Bubbler - 001246B-Room 23	1	Wt	Grab	X								82
1407-87-FD	3/20/2024	00:12	Lewis and Clark - Sink Tap - 001245F-Room 22	1	Wt	Grab	X								83
1407-88-FD	3/20/2024	00:13	Lewis and Clark - Bubbler - 001245B-Room 22	1	Wt	Grab	X								84

LAB USE ONLY: Wk Order #: | Short Hold: | Rush: | Temp: oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

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PM: Carolyn Jackson

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		EMAIL:	jeffh@axiomservicepros.com	EMAIL:	jeffh@axiomservicepros.com

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-89-FD	3/20/2024	00:13	Lewis and Clark - Sink Tap - 001242-Room 31	1	Wt	Grab	X								85
1407-90-FD	3/20/2024	00:13	Lewis and Clark - Sink Tap - 001241-Room 30	1	Wt	Grab	X								86
1407-91-FD	3/20/2024	00:13	Lewis and Clark - Drinking Fountain - 001239-By Room 30	1	Wt	Grab	X								87
1407-92-FD	3/20/2024	00:14	Lewis and Clark - Sink Tap - 002531-Boys Bathroom by 30-Left	1	Wt	Grab	X								88
1407-93-FD	3/20/2024	00:14	Lewis and Clark - Sink Tap - 002532-Boys Bathroom by 30-Right	1	Wt	Grab	X								89
1407-94-FD	3/20/2024	00:14	Lewis and Clark - Sink Tap - 002533-Girls Bathroom by 30-Left	1	Wt	Grab	X								90
1407-95-FD	3/20/2024	00:15	Lewis and Clark - Sink Tap - 002534-Girls Bathroom by 30-Right	1	Wt	Grab	X								91

LAB USE ONLY: Wk Order #: | Short Hold: | Rush: | Temp: oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

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ADDRESS:	1407 Nashua Road	ADRESS:	PO Box 47166	ADDRESS:	PO Box 47166
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		EMAIL:	jeffh@axiomservicepros.com	EMAIL:	jeffh@axiomservicepros.com

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	LAB USE ONLY: Sample #
														Wk Order #:	
														Short Hold:	
														Rush:	
														Temp: oC	
1407-96-FD	3/20/2024	00:15	Lewis and Clark - Sink Tap - 001237-Staff Bathroom by Room 30	1	Wt	Grab	X								92
1407-97-FD	3/20/2024	00:15	Lewis and Clark - Drinking Fountain - 001236-By Room 30	1	Wt	Grab	X								93
1407-98-FD	3/20/2024	00:16	Lewis and Clark - Sink Tap - 001234F-Room 20	1	Wt	Grab	X								94
1407-99-FD	3/20/2024	00:16	Lewis and Clark - Bubbler - 001234B-Room 20	1	Wt	Grab	X								95
1407-100-FD	3/20/2024	00:16	Lewis and Clark - Sink Tap - 001235F-Room 21	1	Wt	Grab	X								96
1407-101-FD	3/20/2024	00:16	Lewis and Clark - Bubbler - 001235-Room 21	1	Wt	Grab	X								97
1407-103-FD	3/20/2024	00:17	Lewis and Clark - Sink Tap - 001233-Library Data Closet	1	Wt	Grab	X								98

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

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PM: Carolyn Jackson

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SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:	Lewis and Clark Elementary	CO. NAME:		CO. NAME:	
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		EMAIL:	jeffh@axiomservicepros.com	EMAIL:	jeffh@axiomservicepros.com

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-104-FD	3/20/2024	00:17	Lewis and Clark - Sink Tap - 001231F-Room 19	1	Wt	Grab	X								99
1407-105-FD	3/20/2024	00:17	Lewis and Clark - Bubbler - 001231-Room 19	1	Qt	Grab	X								AA
1407-106-FD	3/20/2024	00:17	Lewis and Clark - Sink Tap - 001230F-Room 18	1	Wt	Grab	X								AB
1407-107-FD	3/20/2024	00:18	Lewis and Clark - Bubbler - 001230B-Room 18	1	Wt	Grab	X								AC
1407-108-FD	3/20/2024	00:18	Lewis and Clark - Sink Tap - 001232F-Room 17	1	Wt	Grab	X								AD
1407-109-FD	3/20/2024	00:18	Lewis and Clark - Bubbler - 001232B-Room 17	1	Wt	Grab	X								AE
1407-110-FD	3/20/2024	00:19	Lewis and Clark - Sink Tap - 001228F-Room 16	1	Wt	Grab	X								AF

LAB USE ONLY: Wk Order #: ___ Short Hold: ___ Rush: ___ Temp: ___ oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

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AXIOM Service Professionals

PM: Carolyn Jackson

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SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
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		EMAIL:	jeffh@axiomservicepros.com	EMAIL:	jeffh@axiomservicepros.com

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-111-FD	3/20/2024	00:19	Lewis and Clark - Bubbler - 001228B-Room 16	1	Wt	Grab	X								AG
1407-112-FD	3/20/2024	00:19	Lewis and Clark - Drinking Fountain - 001229-By Room 16-Left	1	Wt	Grab	X								AH
1407-113-FD	3/20/2024	00:20	Lewis and Clark - Drinking Fountain - 002220B-By Room 16-Right	1	Wt	Grab	X								AI
1407-114-FD	3/20/2024	00:20	Lewis and Clark - Bottle Filler - 002220F-By Room 16	1	Wt	Grab	X								AJ
1407-115-FD	3/20/2024	00:20	Lewis and Clark - Sink Tap - 001227-Room 15	1	Wt	Grab	X								AK

LAB USE ONLY: Wk Order #: | Short Hold: | Rush: | Temp: oC

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
	Time:			Time:		
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		

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AXIOM Service Professionals

PM: Carolyn Jackson

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Microbac Laboratories, Inc., Lenexa

CERTIFICATE OF ANALYSIS

3HE0039

AXIOM Service Professionals

Jeff Hurst
PO Box 47166
Kansas City, MO 64188

Project Name: Lewis and Clark Elementary

Project / PO Number: Lewis and Clark Elementary
Received: 05/02/2024
Reported: 05/10/2024

Work Order Special Information

Young, Bradly
Lewis and Clark Elementary

Analytical Testing Parameters

Client Sample ID: 1407-36-FD
Sample Matrix: Drinking Water
Lab Sample ID: 3HE0039-01
Collected By: Young, Bradly
Collection Date: 05/01/2024 23:12

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		05/07/24 1516	05/09/24 0714	RVV

Client Sample ID: 1407-78-FD
Sample Matrix: Drinking Water
Lab Sample ID: 3HE0039-02
Collected By: Young, Bradly
Collection Date: 05/01/2024 23:15

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**2.8**	0.4	ppb	2		05/07/24 1516	05/09/24 0732	RVV

Client Sample ID: 1407-82-FD
Sample Matrix: Drinking Water
Lab Sample ID: 3HE0039-03
Collected By: Young, Bradly
Collection Date: 05/01/2024 23:16

Analyses Performed by: Microbac Laboratories, Inc., Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	**1.3**	0.4	ppb	2		05/07/24 1516	05/09/24 0737	RVV

Definitions

RL: Reporting Limit

CERTIFICATE OF ANALYSIS

3HE0039

Report Comments

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. ***The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:



Carolyn Jackson
Project Manager
carolyn.jackson@microbac.com
05/10/24 13:22

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SAMPLER:	Bradly Young	NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:	Lewis and Clark Elementary	CO. NAME:		CO. NAME:	
ADDRESS:	1407 Nashua Road	ADRESS:	PO Box 47166	ADDRESS:	PO Box 47166
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CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED: Lead							LAB USE ONLY: Sample Condition	Sample #
1407-36-FD	5/1/2024	23:12	Lewis and Clark - Bubbler - 002525B-By Room 45	1	Wt	Grab	X								3HE0039-01
1407-78-FD	5/1/2024	23:15	Lewis and Clark - Sink Tap - 001254-Art Room	1	Wt	Grab	X								02
1407-82-FD	5/1/2024	23:16	Lewis and Clark - Bubbler - 001248B-Room 24	1	Wt	Grab	X								03

LAB USE ONLY
Wk Order #: 3HE0039
Short Hold:
Rush:
Temp: oC 20.0

3 H E 0 0 3 9
AXIOM Service Professionals
PM: Carolyn Jackson

Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:	
	Time:			Time:	
Relinquied by: (Signature)	Date:		Received by: (Signature)	Date:	05/02/24
	Time:		Carolyn L Jackson	Time:	12:00

Appendix D
Photo Log



3/19/2024 - 1407-1 - Lewis and Clark - 001211-Nurse's Front Office



3/19/2024 - 1407-2 - Lewis and Clark - 001212-Nurse's Front Office



3/19/2024 - 1407-3 - Lewis and Clark - 001213-Staff Restroom-Front Office



3/19/2024 - 1407-4 - Lewis and Clark - 001214-Work Room by Front Office



3/19/2024 - 1407-5 - Lewis and Clark - 001215-Main Nurse's Office



3/19/2024 - 1407-6 - Lewis and Clark - 001216-Main Nurse Office-Restroom



3/19/2024 - 1407-7 - Lewis and Clark - 001217-Staff Restroom by Counselor's Office



3/19/2024 - 1407-8 - Lewis and Clark - 001218F-Room 13



3/19/2024 - 1407-9 - Lewis and Clark - 001218B-Room 13



3/19/2024 - 1407-10 - Lewis and Clark - 001219F-Room 11



3/19/2024 - 1407-11 - Lewis and Clark - 001219B-Room 11



3/19/2024 - 1407-12 - Lewis and Clark - 001220F-Room 10



3/19/2024 - 1407-13 - Lewis and Clark - 001220B-Room 10



3/19/2024 - 1407-14 - Lewis and Clark - 001221-Room 12



3/19/2024 - 1407-15 - Lewis and Clark - 001221B-Room 12



3/19/2024 - 1407-16 - Lewis and Clark - 001222-By Room 12-Left



3/19/2024 - 1407-17 - Lewis and Clark - 001222- By Room 12-Right



3/19/2024 - 1407-18 - Lewis and Clark - 001223- Across from 15-Girls-Right



3/19/2024 - 1407-19 - Lewis and Clark - 001224- Across from 15-Girls-Left



3/19/2024 - 1407-20 - Lewis and Clark - 001225- Across from 14-Boys-Left



3/19/2024 - 1407-21 - Lewis and Clark - 001226-Across from 14-Boys-Right



3/19/2024 - 1407-22 - Lewis and Clark - 001282-Kitchen-By Wall and Fan Mixer



3/19/2024 - 1407-23 - Lewis and Clark - 002218-Kitchen-Three Bay Right



3/19/2024 - 1407-24 - Lewis and Clark - 001283-Kitchen-By Dishwash Cleaning Sink and Door



3/19/2024 - 1407-25 - Lewis and Clark - 001284-Kitchen



3/19/2024 - 1407-27 - Lewis and Clark - 001286-Kitchen-Handwashing Sink



3/19/2024 - 1407-28 - Lewis and Clark - 002524-Kitchen



3/19/2024 - 1407-29 - Lewis and Clark - 001278-Room 44-Left



3/19/2024 - 1407-30 - Lewis and Clark - 001278B-Room 44-Left



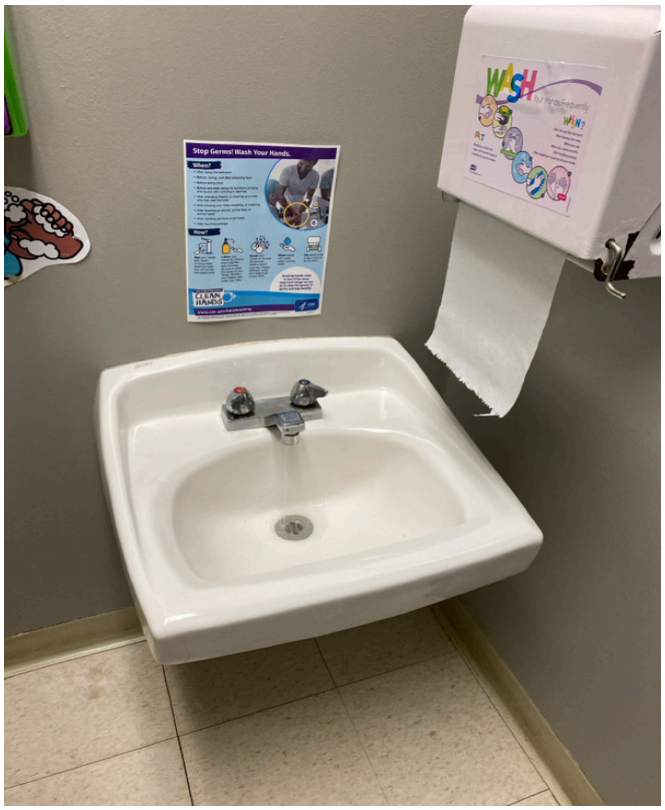
3/19/2024 - 1407-31 - Lewis and Clark - 001279-Room 44-



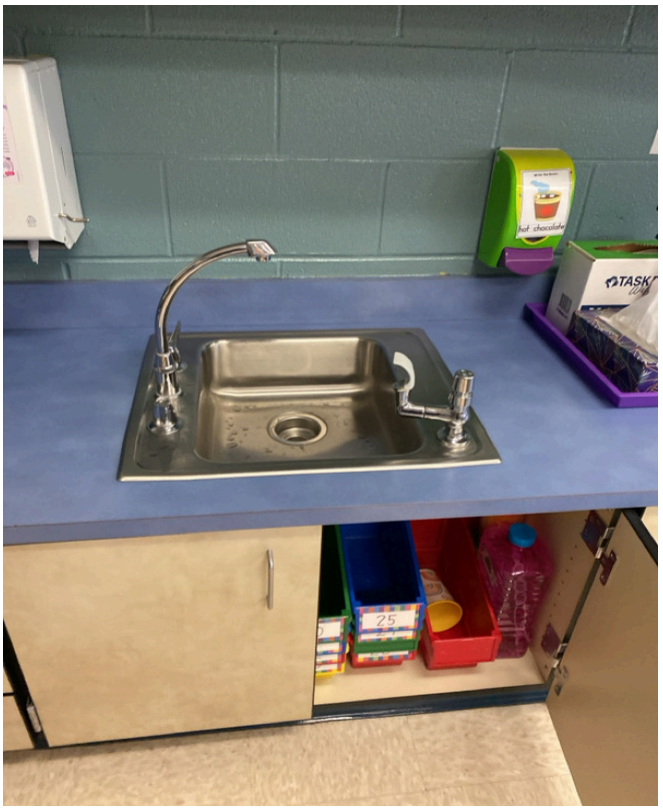
3/19/2024 - 1407-32 - Lewis and Clark - 001279B-Room 44



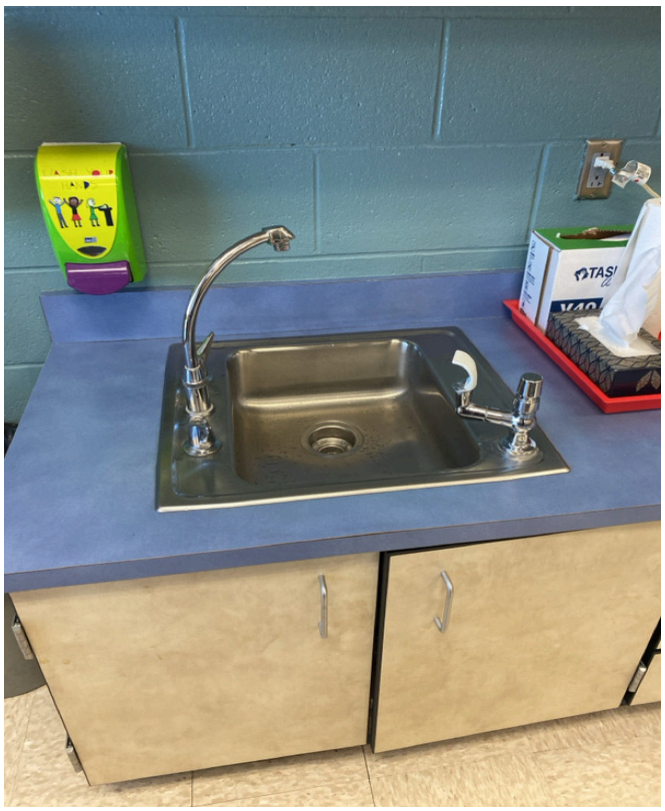
3/19/2024 - 1407-33 - Lewis and Clark - 001280-Room 44-Restroom-Right



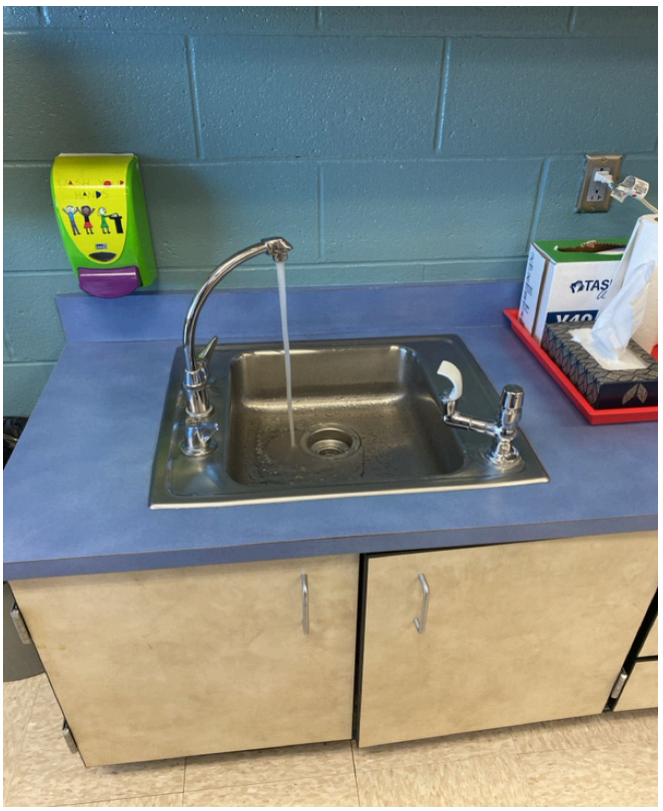
3/19/2024 - 1407-34 - Lewis and Clark - 001281-Room 44-Restroom-Left



3/19/2024 - 1407-35 - Lewis and Clark - 002525-Room 45



3/19/2024 - 1407-37 - Lewis and Clark - 002526-Room 45



3/19/2024 - 1407-38 - Lewis and Clark - 002526B-Room 45



3/19/2024 - 1407-39 - Lewis and Clark - 002527-Room 45-Restroom



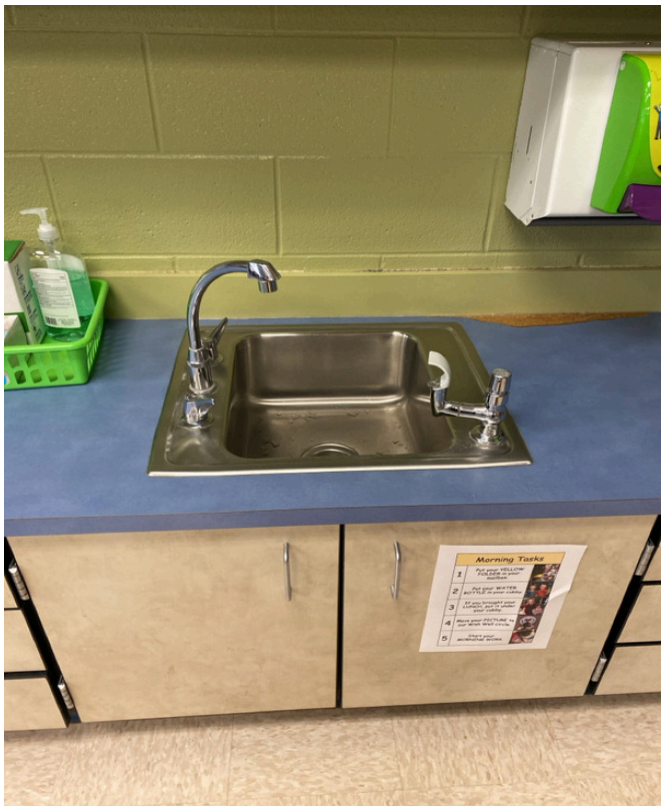
3/19/2024 - 1407-40 - Lewis and Clark - 001273-Room 46-Restroom



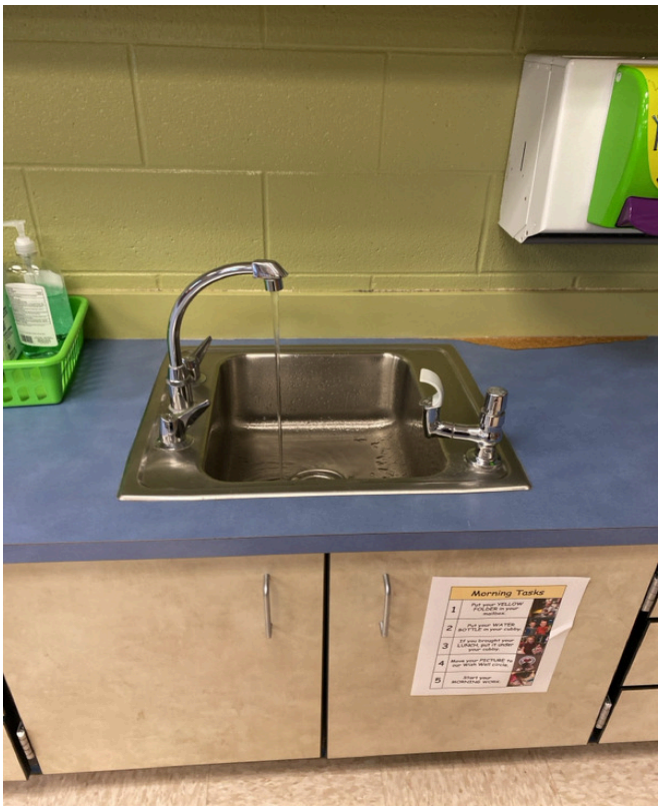
3/19/2024 - 1407-41 - Lewis and Clark - 001274F-Room 46



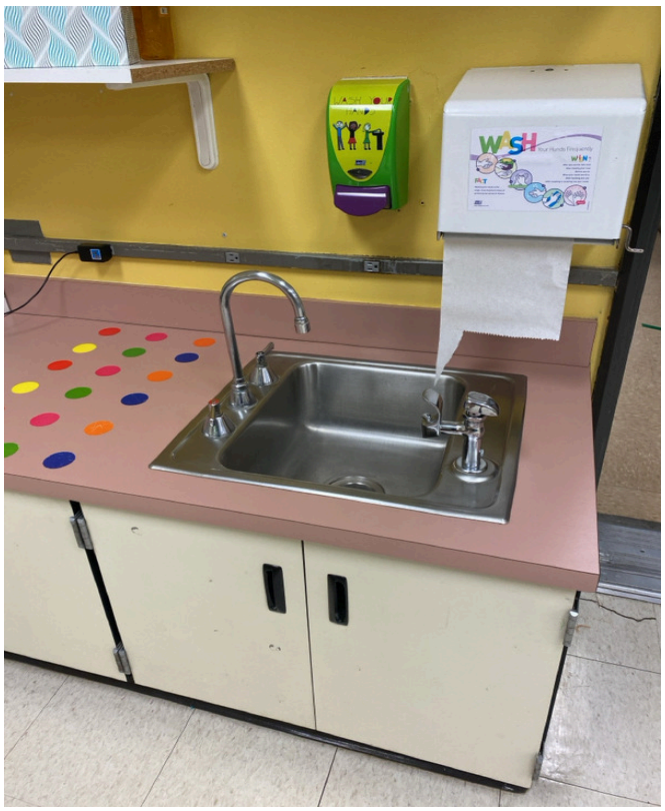
3/19/2024 - 1407-42 - Lewis and Clark - 001274B-Room 46



3/19/2024 - 1407-43 - Lewis and Clark - 001275F-Room 46



3/19/2024 - 1407-44 - Lewis and Clark - 001275B-Room 46



3/19/2024 - 1407-45 - Lewis and Clark - 001276F-Room 48



3/19/2024 - 1407-46 - Lewis and Clark - 001276B-Room 48



3/19/2024 - 1407-47 - Lewis and Clark - 001277F-Room 48



3/19/2024 - 1407-48 - Lewis and Clark - 001277B-Room 48



3/20/2024 - 1407-49 - Lewis and Clark - 001267B-Gym Entrance



3/20/2024 - 1407-50 - Lewis and Clark - 001267F-Gym Entrance



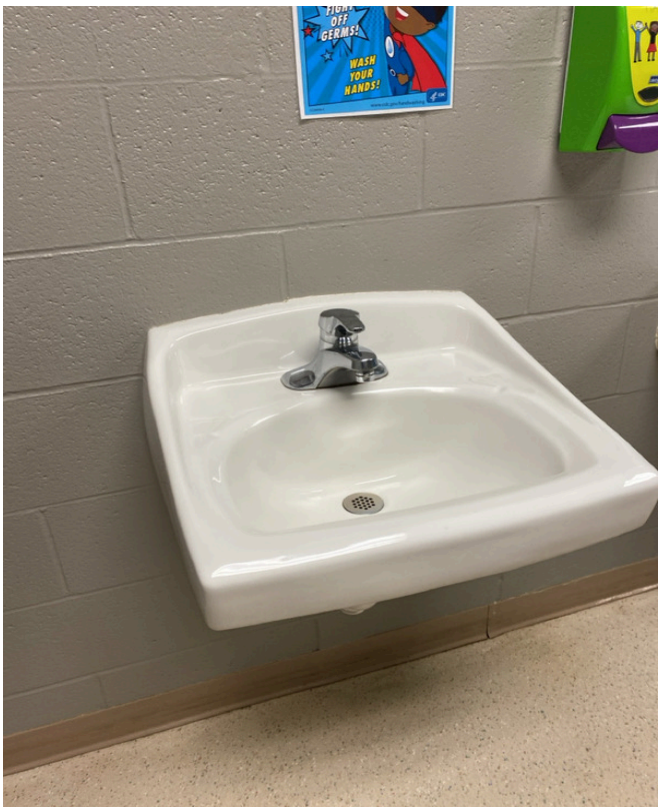
3/20/2024 - 1407-51 - Lewis and Clark - 001268-Gym Entrance-Boys



3/20/2024 - 1407-52 - Lewis and Clark - 001269-Gym Restroom-Girls-Left



3/20/2024 - 1407-53 - Lewis and Clark - 001270-Gym Restroom-Girls-Right



3/20/2024 - 1407-54 - Lewis and Clark - 001271-Gym Restroom-Boys-Left



3/20/2024 - 1407-55 - Lewis and Clark - 001272-Gym Restroom-Boys-Right



3/20/2024 - 1407-56 - Lewis and Clark - 002528-Girls Bathroom by 42-Right



3/20/2024 - 1407-57 - Lewis and Clark - 002529-Girls Bathroom by 42-Left



3/20/2024 - 1407-58 - Lewis and Clark - 001266B-By Room 40



3/20/2024 - 1407-59 - Lewis and Clark - 001266F- By Room 40



3/20/2024 - 1407-60 - Lewis and Clark - 002219- By Room 40



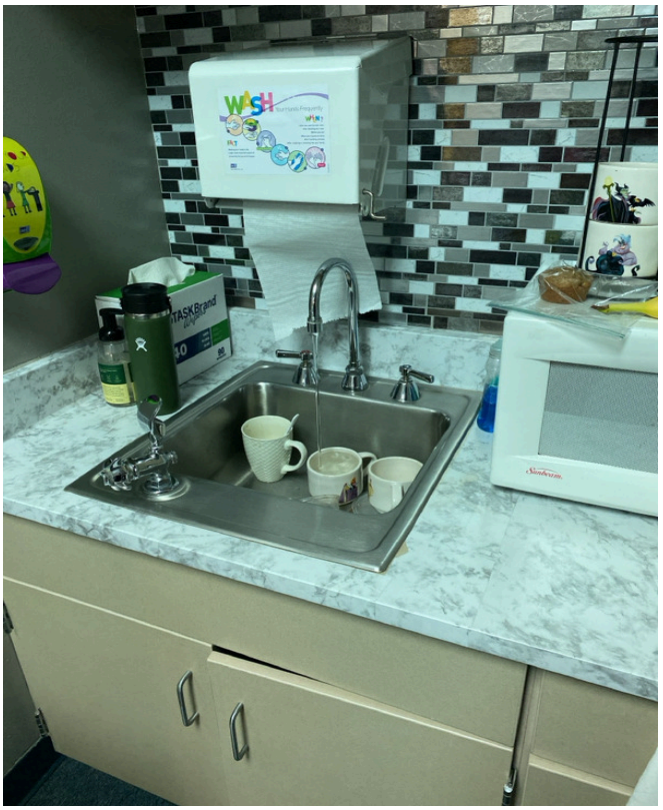
3/20/2024 - 1407-61 - Lewis and Clark - 001262- Boys Restroom by 40-Left



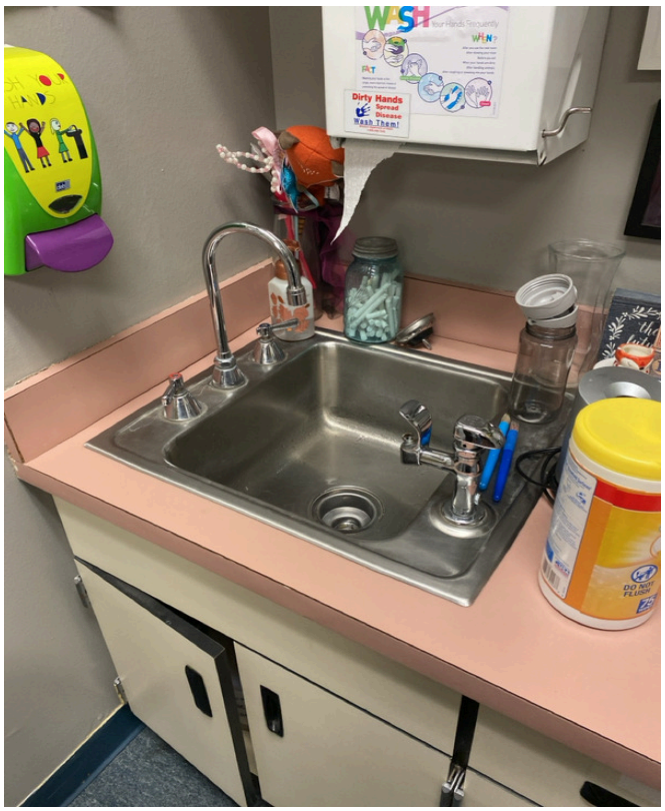
3/20/2024 - 1407-62 - Lewis and Clark - 002530- By Room 40-Boys-Right



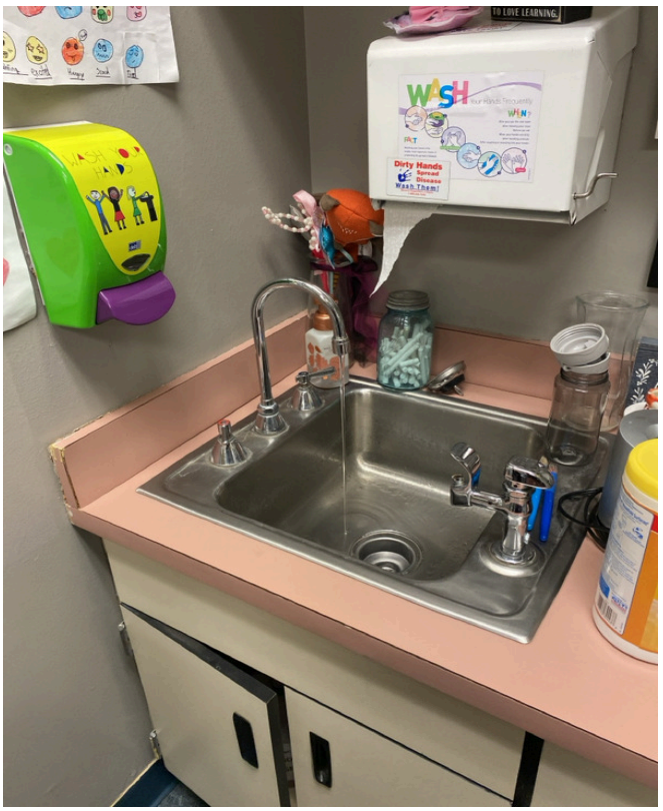
3/20/2024 - 1407-63 - Lewis and Clark - 001261F-Room 40



3/20/2024 - 1407-64 - Lewis and Clark - 001261B-Room 40



3/20/2024 - 1407-65 - Lewis and Clark - 001250F-Room 35



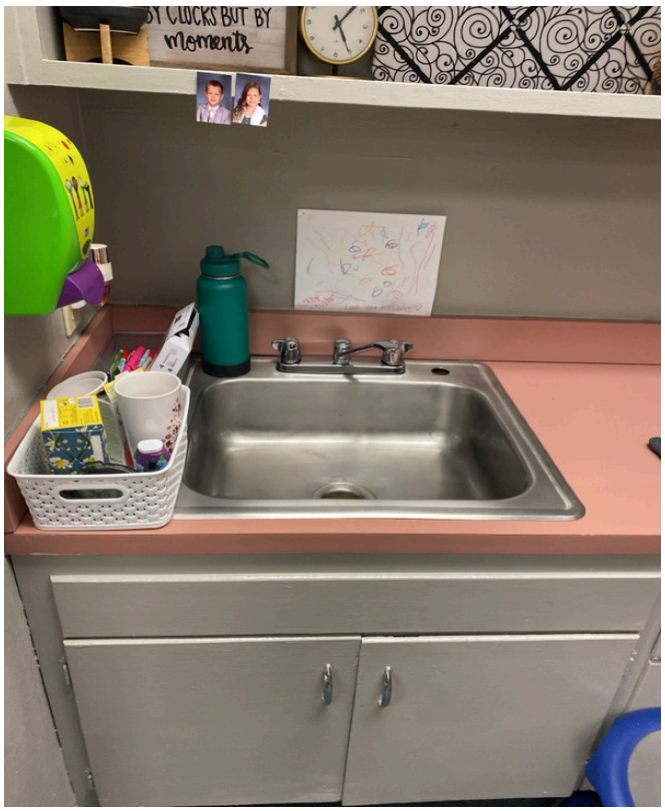
3/20/2024 - 1407-66 - Lewis and Clark - 001250B-Room 35



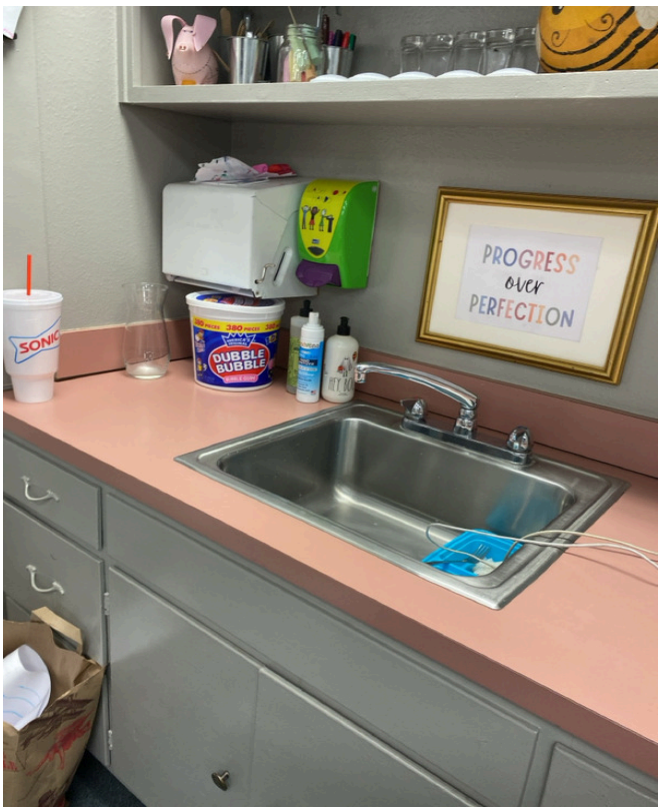
3/20/2024 - 1407-67 - Lewis and Clark - 001249F-Room 34



3/20/2024 - 1407-68 - Lewis and Clark - 001249B-Room 34



3/20/2024 - 1407-69 - Lewis and Clark - 001243-Room 33



3/20/2024 - 1407-70 - Lewis and Clark - 001244-Room 32



3/20/2024 - 1407-71 - Lewis and Clark - 001260- By Room 55-Left



3/20/2024 - 1407-72 - Lewis and Clark - 001260- By Room 55-Right



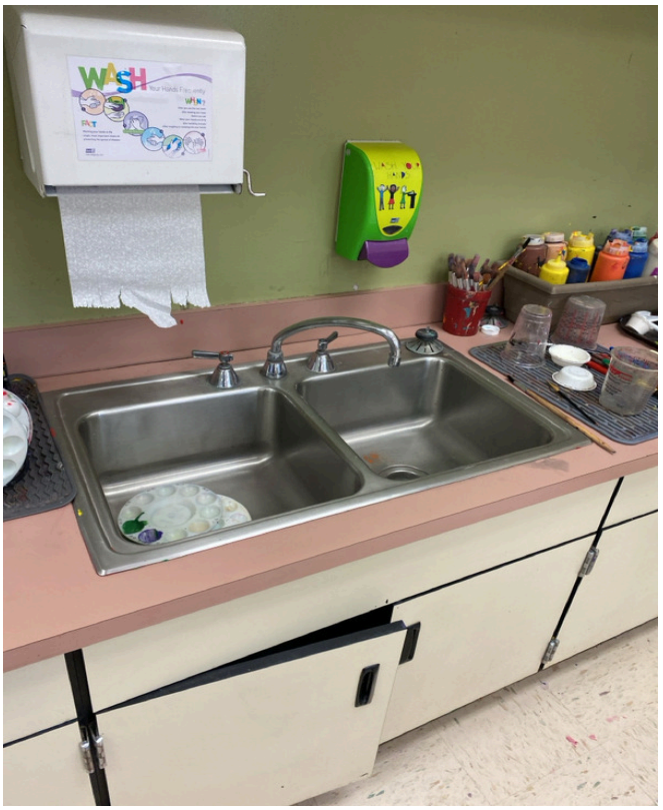
3/20/2024 - 1407-73 - Lewis and Clark - 001259- Girls Restroom by 55



3/20/2024 - 1407-74 - Lewis and Clark - 001258- Boys Restroom by 55



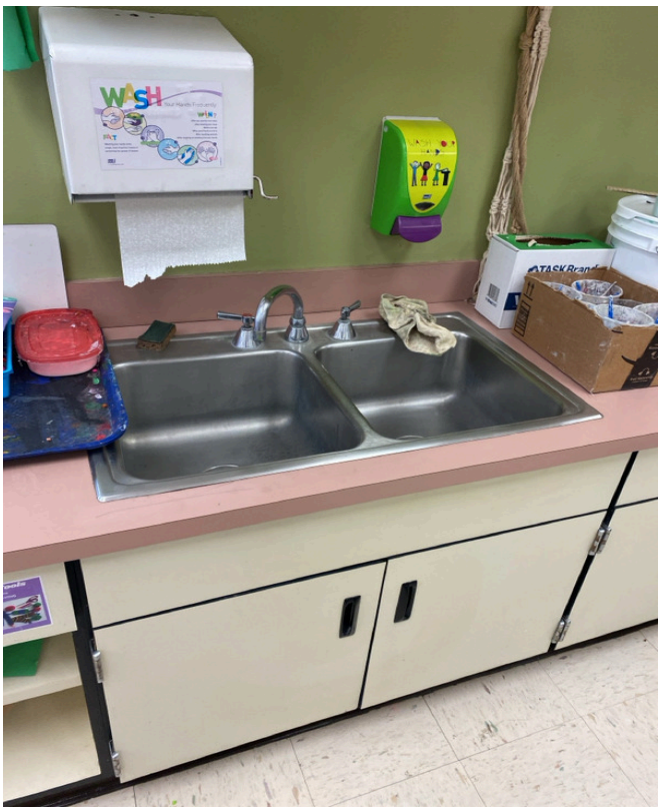
3/20/2024 - 1407-75 - Lewis and Clark - 001251- Art Room-



3/20/2024 - 1407-76 - Lewis and Clark - 001252- Art Room-



3/20/2024 - 1407-77 - Lewis and Clark - 001253- Art Room



3/20/2024 - 1407-79 - Lewis and Clark - 001255- Art Room



3/20/2024 - 1407-80 - Lewis and Clark - 001257-Art Room



3/20/2024 - 1407-81 - Lewis and Clark - 001248F-Room 24



3/20/2024 - 1407-83 - Lewis and Clark - 001247F-Room 25



3/20/2024 - 1407-84 - Lewis and Clark - 001247B-Room 25



3/20/2024 - 1407-85 - Lewis and Clark - 001246F-Room 23



3/20/2024 - 1407-86 - Lewis and Clark - 001246B-Room 23



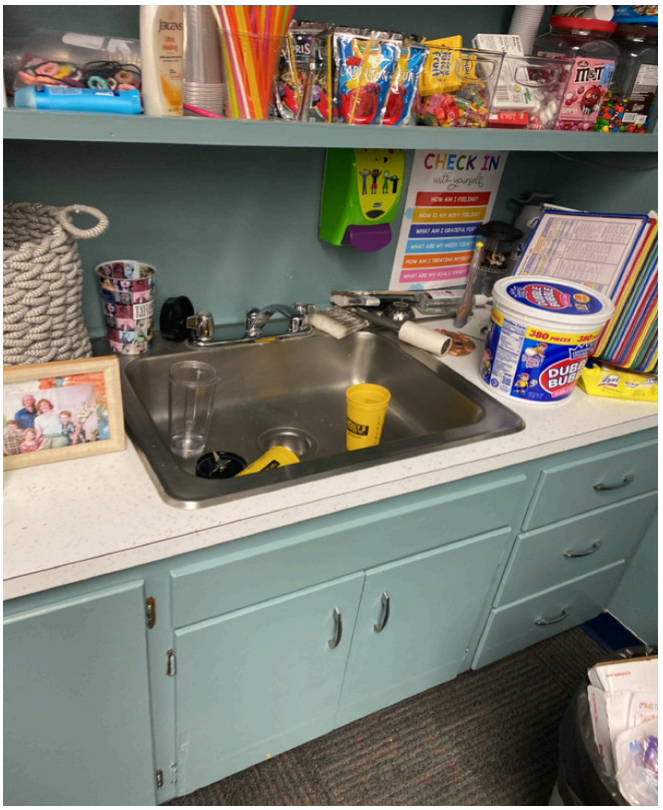
3/20/2024 - 1407-87 - Lewis and Clark - 001245F-Room 22



3/20/2024 - 1407-88 - Lewis and Clark - 001245B-Room 22



3/20/2024 - 1407-89 - Lewis and Clark - 001242- Room 31



3/20/2024 - 1407-90 - Lewis and Clark - 001241- Room 30



3/20/2024 - 1407-91 - Lewis and Clark - 001239- By Room 30



3/20/2024 - 1407-92 - Lewis and Clark - 002531- Boys Restroom by 30-Left



3/20/2024 - 1407-93 - Lewis and Clark - 002532- Boys Restroom by 30-Right



3/20/2024 - 1407-94 - Lewis and Clark - 002533- Girls Restroom by 30-Left



3/20/2024 - 1407-95 - Lewis and Clark - 002534- Girls Restroom by 30-Right



3/20/2024 - 1407-96 - Lewis and Clark - 001237- Staff Restroom by Room 30



3/20/2024 - 1407-97 - Lewis and Clark - 001236-By Room 30



3/20/2024 - 1407-98 - Lewis and Clark - 001234F-Room 20



3/20/2024 - 1407-99 - Lewis and Clark - 001234B-Room 20



3/20/2024 - 1407-100 - Lewis and Clark -001235F-Room 21



3/20/2024 - 1407-101 - Lewis and Clark - 001235-Room 21



3/20/2024 - 1407-103 - Lewis and Clark - 001233-Library Data Closet



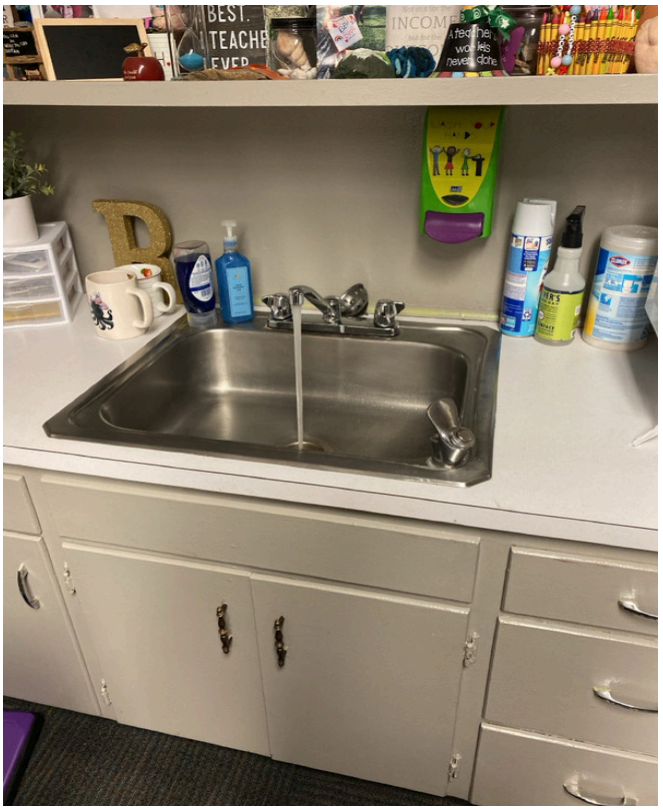
3/20/2024 - 1407-104 - Lewis and Clark -001231F-Room 19



3/20/2024 - 1407-105 - Lewis and Clark - 001231-Room 19



3/20/2024 - 1407-106 - Lewis and Clark -001230F-Room 18



3/20/2024 - 1407-107 - Lewis and Clark -001230B-Room 18



3/20/2024 - 1407-108 - Lewis and Clark -001232F-Room 17



3/20/2024 - 1407-109 - Lewis and Clark -001232B-Room 17



3/20/2024 - 1407-110 - Lewis and Clark -001228F-Room 16



3/20/2024 - 1407-111 - Lewis and Clark -001228B-Room 16



3/20/2024 - 1407-112 - Lewis and Clark - 001229-By Room 16-Left



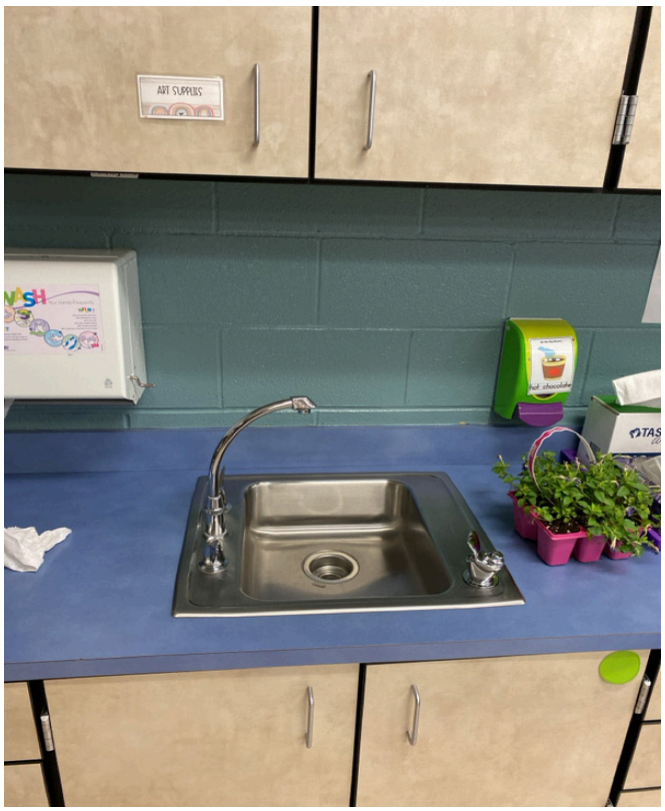
3/20/2024 - 1407-113 - Lewis and Clark -002220B-By Room 16-Right



3/20/2024 - 1407-114 - Lewis and Clark -002220F-By Room 16



3/20/2024 - 1407-115 - Lewis and Clark - 001227-Room 15



5/1/2024 - 1407-36 - Lewis and Clark - 002525B-By Room 45



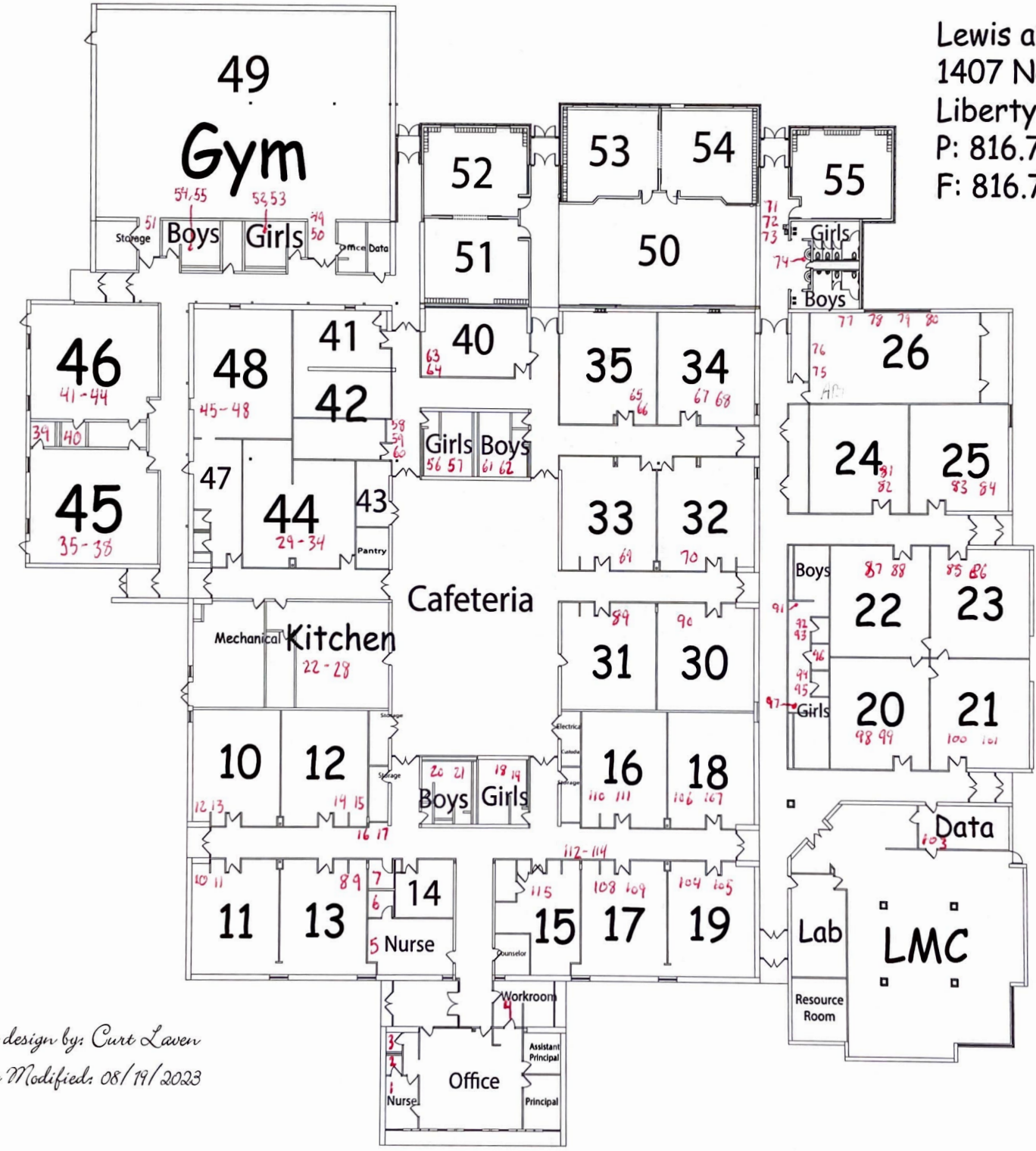
5/1/2024 - 1407-78 - Lewis and Clark - 001254-Art Room



5/1/2024 - 1407-82 - Lewis and Clark - 001248B-Room 24

Appendix E
Source Identification Diagram

ASP was provided sample locations by
Liberty School District



Lewis and Clark Elementary
1407 Nashua Road
Liberty, MO 64068
P: 816.736.5430
F: 816.736.5433

Liberty Public Schools
Empowering Excellence

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W
E
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Map design by: Curt Laven
Last Modified: 08/19/2023