



March 25, 2024

North Kansas City School District
2000 Northeast 46th Street
Kansas City, Missouri 64116

Project: Limited Lead in Drinking Water Testing
Address: 5125 North Sycamore Avenue, Kansas City, Missouri 64119

On January 4 and 5, 2024, Bradley 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 73 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**.

January 4 and 5, 2024 Water Sampling Results:

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
5125-1-FD	Gracemor Elementary - Outside C1	Drinking Fountain	First Draw	<0.4
5125-2-FD	Gracemor Elementary - C1	Sink Tap	First Draw	2.1
5125-3-FD	Gracemor Elementary - C2	Sink Tap	First Draw	1.4
5125-4-FD	Gracemor Elementary - C3	Sink Tap	First Draw	0.4
5125-5-FD	Gracemor Elementary - C4	Sink Tap	First Draw	2.5
5125-6-FD	Gracemor Elementary - Outside C3	Drinking Fountain	First Draw	<0.4
5125-7-FD	Gracemor Elementary - C5	Sink Tap	First Draw	0.9

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
5125-8-FD	Gracemor Elementary - C6	Sink Tap	First Draw	5.5
5125-9-FD	Gracemor Elementary - C7	Sink Tap	First Draw	0.8
5125-10-FD	Gracemor Elementary - C8	Sink Tap	First Draw	2.6
5125-11-FD	Gracemor Elementary - B1	Sink Tap	First Draw	<0.4
5125-12-FD	Gracemor Elementary - B2	Sink Tap	First Draw	<0.4
5125-13-FD	Gracemor Elementary - B7	Sink Tap	First Draw	<0.4
5125-14-FD	Gracemor Elementary - B6	Sink Tap	First Draw	<0.4
5125-15-FD	Gracemor Elementary - B3	Sink Tap	First Draw	<0.4
5125-16-FD	Gracemor Elementary - B4	Sink Tap	First Draw	<0.4
5125-17-FD	Gracemor Elementary - Outside B4-Left	Drinking Fountain	First Draw	<0.4
5125-18-FD	Gracemor Elementary - Outside B4-Right	Drinking Fountain	First Draw	<0.4
5125-19-FD	Gracemor Elementary - B5	Sink Tap	First Draw	0.5
5125-20-FD	Gracemor Elementary - Outside A4-Left	Drinking Fountain	First Draw	<0.4
5125-21-FD	Gracemor Elementary - Outside A4-Right	Drinking Fountain	First Draw	<0.4
5125-22-FD	Gracemor Elementary - A12	Sink Tap	First Draw	3.6
5125-23-FD	Gracemor Elementary - A4	Sink Tap	First Draw	<0.4
5125-24-FD	Gracemor Elementary - A5	Sink Tap	First Draw	<0.4
5125-25-FD	Gracemor Elementary - A2	Sink Tap	First Draw	<0.4
5125-26-FD	Gracemor Elementary - A1	Sink Tap	First Draw	<0.4
5125-27-FD	Gracemor Elementary - A6	Sink Tap	First Draw	<0.4
5125-28-FD	Gracemor Elementary - A7	Sink Tap	First Draw	<0.4
5125-29-FD	Gracemor Elementary - Outside A8-Left	Drinking Fountain	First Draw	<0.4
5125-30-FD	Gracemor Elementary - Outside A8-Right	Drinking Fountain	First Draw	<0.4
5125-31-FD	Gracemor Elementary - A8	Sink Tap	First Draw	<0.4
5125-32-FD	Gracemor Elementary - Outside Multi A-Left	Drinking Fountain	First Draw	<0.4
5125-33-FD	Gracemor Elementary - Library Office	Sink Tap	First Draw	6
5125-34-FD	Gracemor Elementary - D8	Sink Tap	First Draw	1.3

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
5125-35-FD	Gracemor Elementary - D7	Sink Tap	First Draw	1.1
5125-36-FD	Gracemor Elementary - D6	Sink Tap	First Draw	5
5125-37-FD	Gracemor Elementary - D5	Sink Tap	First Draw	82.3
5125-38-FD	Gracemor Elementary - Outside D5	Drinking Fountain	First Draw	<0.4
5125-39-FD	Gracemor Elementary - D3	Sink Tap	First Draw	2
5125-40-FD	Gracemor Elementary - D2	Sink Tap	First Draw	1.3
5125-41-FD	Gracemor Elementary - E2	Sink Tap	First Draw	1.8
5125-42-FD	Gracemor Elementary - Outside E5	Drinking Fountain	First Draw	<0.4
5125-43-FD	Gracemor Elementary - E6	Sink Tap	First Draw	7
5125-44-FD	Gracemor Elementary - E7	Sink Tap	First Draw	0.4
5125-45-FD	Gracemor Elementary - E8	Sink Tap	First Draw	1.1
5125-46-FD	Gracemor Elementary - Cafeteria	Drinking Fountain	First Draw	<0.4
5125-47-FD	Gracemor Elementary - G7	Sink Tap	First Draw	1.1
5125-48-FD	Gracemor Elementary - G6	Sink Tap	First Draw	2.6
5125-49-FD	Gracemor Elementary - G5	Sink Tap	First Draw	2.9
5125-50-FD	Gracemor Elementary - G4	Sink Tap	First Draw	2.6
5125-51-FD	Gracemor Elementary - Outside G4	Drinking Fountain	First Draw	<0.4
5125-52-FD	Gracemor Elementary - G3	Sink Tap	First Draw	7.2
5125-53-FD	Gracemor Elementary - G2	Sink Tap	First Draw	1.3
5125-54-FD	Gracemor Elementary - H8	Sink Tap	First Draw	2
5125-55-FD	Gracemor Elementary - H7	Sink Tap	First Draw	1
5125-56-FD	Gracemor Elementary - H6	Sink Tap	First Draw	2.7
5125-57-FD	Gracemor Elementary - H5	Sink Tap	First Draw	3.1
5125-58-FD	Gracemor Elementary - Outside H5	Drinking Fountain	First Draw	<0.4
5125-59-FD	Gracemor Elementary - H3	Sink Tap	First Draw	1.1
5125-60-FD	Gracemor Elementary - H2	Sink Tap	First Draw	3.5
5125-61-FD	Gracemor Elementary - F6	Sink Tap	First Draw	8.8

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
5125-62-FD	Gracemor Elementary - F5	Sink Tap	First Draw	14
5125-63-FD	Gracemor Elementary - Kitchen-North Sink	Sink Tap	First Draw	<0.4
5125-64-FD	Gracemor Elementary - Kitchen-3 Bay Sink-Left	Sink Tap	First Draw	6.6
5125-65-FD	Gracemor Elementary - Kitchen-3 Bay Sink-Right	Sink Tap	First Draw	2.7
5125-66-FD	Gracemor Elementary - Kitchen-West Wall Sink	Sink Tap	First Draw	<0.4
5125-67-FD	Gracemor Elementary - Kitchen-South Sink	Sink Tap	First Draw	<0.4
5125-68-FD	Gracemor Elementary - Kitchen-South Handwashing Sink	Sink Tap	First Draw	0.5
5125-69-FD	Gracemor Elementary - Outside Kitchen	Drinking Fountain	First Draw	<0.4
5125-70-FD	Gracemor Elementary - Nurse's Office	Sink Tap	First Draw	2.8
5125-71-FD	Gracemor Elementary - Staff Lounge	Sink Tap	First Draw	<0.4
5125-72-FD	Gracemor Elementary - Staff Lounge	Ice Machine	First Draw	1.2
5125-73-FD	Gracemor Elementary - South of Exit Door 1	Outside Hydrant	First Draw	2.7

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

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**



**Missouri Department of Health
and Senior Services**

Lead Occupation License - ID Badge

License Number:

000801-200166567

Lead Risk Assessor

**Jeffrey
Hurst**

Expiration Date: **8/1/2024**

Paula F. Nickelson

**Paula F. Nickelson
Acting Director**

Department of Health and Senior Services

Kansas 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

Appendix C

Laboratory Analytical Report



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-30-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-30

Collected By: Bradley Young
Collection Date: 01/04/2024 23:58

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 1732	RVV

Client Sample ID: 5125-31-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-31

Collected By: Bradley Young
Collection Date: 01/04/2024 23:58

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 1750	RVV

Client Sample ID: 5125-32-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-32

Collected By: Bradley Young
Collection Date: 01/05/2024

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 1755	RVV

Client Sample ID: 5125-33-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-33

Collected By: Bradley Young
Collection Date: 01/05/2024 0:01

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	6.0	0.4	ppb	2		02/03/24 0856	02/03/24 1801	RVV

Client Sample ID: 5125-34-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-34

Collected By: Bradley Young
Collection Date: 01/05/2024 0:02

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.3	0.4	ppb	2		02/03/24 0856	02/03/24 1807	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-35-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-35

Collected By: Bradley Young
Collection Date: 01/05/2024 0:02

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.1	0.4	ppb	2		02/03/24 0856	02/03/24 1813	RVV

Client Sample ID: 5125-36-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-36

Collected By: Bradley Young
Collection Date: 01/05/2024 0:03

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	5.0	0.4	ppb	2		02/03/24 0856	02/03/24 1819	RVV

Client Sample ID: 5125-37-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-37

Collected By: Bradley Young
Collection Date: 01/05/2024 0:03

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	82.3	0.4	ppb	2		02/03/24 0856	02/03/24 1824	RVV

Client Sample ID: 5125-38-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-38

Collected By: Bradley Young
Collection Date: 01/05/2024 0:03

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 1830	RVV

Client Sample ID: 5125-39-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-39

Collected By: Bradley Young
Collection Date: 01/05/2024 0:03

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.0	0.4	ppb	2		02/03/24 0856	02/03/24 1836	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-40-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-40

Collected By: Bradley Young
Collection Date: 01/05/2024 0:04

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.3	0.4	ppb	2		02/03/24 0856	02/03/24 1842	RVV

Client Sample ID: 5125-41-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-41

Collected By: Bradley Young
Collection Date: 01/05/2024 0:05

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.8	0.4	ppb	2		02/03/24 0856	02/03/24 1911	RVV

Client Sample ID: 5125-42-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-42

Collected By: Bradley Young
Collection Date: 01/05/2024 0:05

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 1929	RVV

Client Sample ID: 5125-43-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-43

Collected By: Bradley Young
Collection Date: 01/05/2024 0:05

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	7.0	0.4	ppb	2		02/03/24 0856	02/03/24 1934	RVV

Client Sample ID: 5125-44-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-44

Collected By: Bradley Young
Collection Date: 01/05/2024 0:05

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	0.4	0.4	ppb	2		02/03/24 0856	02/03/24 1940	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-45-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-45

Collected By: Bradley Young
Collection Date: 01/05/2024 0:06

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.1	0.4	ppb	2		02/03/24 0856	02/03/24 1946	RVV

Client Sample ID: 5125-46-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-46

Collected By: Bradley Young
Collection Date: 01/05/2024 0:07

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 1952	RVV

Client Sample ID: 5125-47-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-47

Collected By: Bradley Young
Collection Date: 01/05/2024 0:09

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.1	0.4	ppb	2		02/03/24 0856	02/03/24 2009	RVV

Client Sample ID: 5125-48-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-48

Collected By: Bradley Young
Collection Date: 01/05/2024 0:09

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.6	0.4	ppb	2		02/03/24 0856	02/03/24 2015	RVV

Client Sample ID: 5125-49-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-49

Collected By: Bradley Young
Collection Date: 01/05/2024 0:09

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.9	0.4	ppb	2		02/03/24 0856	02/03/24 2021	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-50-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-50

Collected By: Bradley Young
Collection Date: 01/05/2024 0:10

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.6	0.4	ppb	2		02/03/24 0856	02/03/24 2027	RVV

Client Sample ID: 5125-51-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-51

Collected By: Bradley Young
Collection Date: 01/05/2024 0:10

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 2033	RVV

Client Sample ID: 5125-52-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-52

Collected By: Bradley Young
Collection Date: 01/05/2024 0:10

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	7.2	0.4	ppb	2		02/03/24 0856	02/03/24 2038	RVV

Client Sample ID: 5125-53-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-53

Collected By: Bradley Young
Collection Date: 01/05/2024 0:10

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.3	0.4	ppb	2		02/03/24 0856	02/03/24 2044	RVV

Client Sample ID: 5125-54-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-54

Collected By: Bradley Young
Collection Date: 01/05/2024 0:11

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.0	0.4	ppb	2		02/03/24 0856	02/03/24 2050	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-55-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-55

Collected By: Bradley Young
Collection Date: 01/05/2024 0:11

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.0	0.4	ppb	2		02/03/24 0856	02/03/24 2056	RVV

Client Sample ID: 5125-56-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-56

Collected By: Bradley Young
Collection Date: 01/05/2024 0:12

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.7	0.4	ppb	2		02/03/24 0856	02/03/24 2102	RVV

Client Sample ID: 5125-57-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-57

Collected By: Bradley Young
Collection Date: 01/05/2024 0:12

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	3.1	0.4	ppb	2		02/03/24 0856	02/03/24 2119	RVV

Client Sample ID: 5125-58-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-58

Collected By: Bradley Young
Collection Date: 01/05/2024 0:12

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 2125	RVV

Client Sample ID: 5125-59-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-59

Collected By: Bradley Young
Collection Date: 01/05/2024 0:13

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.1	0.4	ppb	2		02/03/24 0856	02/03/24 2131	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-60-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-60

Collected By: Bradley Young
Collection Date: 01/05/2024 0:13

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	3.5	0.4	ppb	2		02/03/24 0856	02/03/24 2137	RVV

Client Sample ID: 5125-61-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-61

Collected By: Bradley Young
Collection Date: 01/05/2024 0:14

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	8.8	0.4	ppb	2		02/03/24 0856	02/03/24 2154	RVV

Client Sample ID: 5125-62-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-62

Collected By: Bradley Young
Collection Date: 01/05/2024 0:14

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	14.0	0.4	ppb	2		02/03/24 0856	02/03/24 2212	RVV

Client Sample ID: 5125-63-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-63

Collected By: Bradley Young
Collection Date: 01/05/2024 0:15

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 2229	RVV

Client Sample ID: 5125-64-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-64

Collected By: Bradley Young
Collection Date: 01/05/2024 0:15

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	6.6	0.4	ppb	2		02/03/24 0856	02/03/24 2235	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-65-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-65

Collected By: Bradley Young
Collection Date: 01/05/2024 0:16

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.7	0.4	ppb	2		02/03/24 0856	02/03/24 2241	RVV

Client Sample ID: 5125-66-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-66

Collected By: Bradley Young
Collection Date: 01/05/2024 0:16

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 2247	RVV

Client Sample ID: 5125-67-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-67

Collected By: Bradley Young
Collection Date: 01/05/2024 0:17

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 2253	RVV

Client Sample ID: 5125-68-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-68

Collected By: Bradley Young
Collection Date: 01/05/2024 0:17

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	0.5	0.4	ppb	2		02/03/24 0856	02/03/24 2259	RVV

Client Sample ID: 5125-69-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-69

Collected By: Bradley Young
Collection Date: 01/05/2024 0:18

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 2304	RVV



Keystone Laboratories - Kansas City

CERTIFICATE OF ANALYSIS

3HA0051

Client Sample ID: 5125-70-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-70

Collected By: Bradley Young
Collection Date: 01/05/2024 0:21

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.8	0.4	ppb	2		02/03/24 0856	02/03/24 2310	RVV

Client Sample ID: 5125-71-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-71

Collected By: Bradley Young
Collection Date: 01/05/2024 0:22

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	<0.4	0.4	ppb	2		02/03/24 0856	02/03/24 2316	RVV

Client Sample ID: 5125-72-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-72

Collected By: Bradley Young
Collection Date: 01/05/2024 0:22

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	1.2	0.4	ppb	2		02/03/24 0856	02/03/24 2322	RVV

Client Sample ID: 5125-73-FD
Sample Matrix: Drink Wtr
Lab Sample ID: 3HA0051-73

Collected By: Bradley Young
Collection Date: 01/05/2024 0:24

Analyses Performed by: Keystone Laboratories - Newton

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Lead, total	2.7	0.4	ppb	2		02/03/24 0856	02/03/24 2339	RVV

Definitions

RL: Reporting Limit

Report Comments

Reviewed and Approved By:

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>.

Victoria Bruck
Field Technician II
02/05/24 14:28

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER: <u>Bradly Young</u>		NAME: <u>Jeff Hurst</u>		NAME: <u>Jeff Hurst</u>	
SITE NAME:		CO. NAME:		CO. NAME:	
ADDRESS: <u>5125 North Sycamore Avenue</u>		ADDRESS: <u>PO Box 47166</u>		ADDRESS: <u>PO Box 47166</u>	
CITY/ST/ZIP: <u>Kansas City, Missouri 64119</u>		CITY/ST/ZIP: <u>Kansas City, Missouri 64188</u>		CITY/ST/ZIP: <u>Kansas City, Missouri 64188</u>	
PHONE: <u>816-321-4702</u>		PHONE: <u>816-678-7894</u>		PHONE: <u>816-678-7894</u>	
		EMAIL: <u>jeffh@axiomservicepros.com</u>		EMAIL: <u>jeffh@axiomservicepros.com</u>	

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	Lead	ANALYSES REQUIRED							LAB USE ONLY	
															Wk Order #:	Sample #
5125-1-FD	1/4/2024	23:45	Gracemor Elementary - Drinking Fountain - Outside C1	1	Wt	Grab	X								3HA0051	01
5125-2-FD	1/4/2024	23:45	Gracemor Elementary - Sink Tap - C1	1	Wt	Grab	X									02
5125-3-FD	1/4/2024	23:46	Gracemor Elementary - Sink Tap - C2	1	Wt	Grab	X									03
5125-4-FD	1/4/2024	23:46	Gracemor Elementary - Sink Tap - C3	1	Wt	Grab	X									04
5125-5-FD	1/4/2024	23:48	Gracemor Elementary - Sink Tap - C4	1	Wt	Grab	X									05
5125-6-FD	1/4/2024	23:48	Gracemor Elementary - Drinking Fountain - Outside C3	1	Wt	Grab	X									06
5125-7-FD	1/4/2024	23:48	Gracemor Elementary - Sink Tap - C5	1	Wt	Grab	X									07

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Remarks:
<u>Bradly Young</u>		<u>Vicki Burk</u>	<u>1/5/24</u>	
	Time:		Time:	
			<u>1300</u>	
Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	
	Time:		Time:	



3 H A 0 0 5 1
AXIOM Service Professionals
PM: Carolyn Jackson

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:		CO. NAME:		CO. NAME:	
ADDRESS:	5125 North Sycamore Avenue	ADDRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Kansas City, Missouri 64119	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-321-4702	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							LAB USE ONLY	
							Lead							Wk Order #:	
														Short Hold:	
														Rush:	
														Temp: °C	18.3°C
														Sample Condition	Sample #
5125-8-FD	1/4/2024	23:49	Gracemor Elementary - Sink Tap - C6	1	Wt	Grab	X								08
5125-9-FD	1/4/2024	23:49	Gracemor Elementary - Sink Tap - C7	1	Wt	Grab	X								09
5125-10-FD	1/4/2024	23:49	Gracemor Elementary - Sink Tap - C8	1	Wt	Grab	X								10
5125-11-FD	1/4/2024	23:51	Gracemor Elementary - Sink Tap - B1	1	Wt	Grab	X								11
5125-12-FD	1/4/2024	23:51	Gracemor Elementary - Sink Tap - B2	1	Wt	Grab	X								12
5125-13-FD	1/4/2024	23:52	Gracemor Elementary - Sink Tap - B7	1	Wt	Grab	X								13
5125-14-FD	1/4/2024	23:52	Gracemor Elementary - Sink Tap - B6	1	Wt	Grab	X								14

Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
				1/5/24		
	Time:					
				1300		
Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:					



3 H A 0 0 5 1

AXIOM Service Professionals

PM: Carolyn Jackson

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:		CO. NAME:		CO. NAME:	
ADDRESS:	5125 North Sycamore Avenue	ADDRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Kansas City, Missouri 64119	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-321-4702	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							LAB USE ONLY	
							Lead							Wk Order #:	Sample #
5125-15-FD	1/4/2024	23:52	Gracemor Elementary - Sink Tap - B3	1	Wt	Grab	X							3H A 0 0 5 1	15
5125-16-FD	1/4/2024	23:53	Gracemor Elementary - Sink Tap - B4	1	Wt	Grab	X								16
5125-17-FD	1/4/2024	23:53	Gracemor Elementary - Drinking Fountain - Outside B4-Left	1	Wt	Grab	X								17
5125-18-FD	1/4/2024	23:53	Gracemor Elementary - Sink Tap - Outside B4-Right	1	Wt	Grab	X								18
5125-19-FD	1/4/2024	23:53	Gracemor Elementary - Sink Tap - B5	1	Wt	Grab	X								19
5125-20-FD	1/4/2024	23:54	Gracemor Elementary - Drinking Fountain - Outside A4-Left	1	Wt	Grab	X								20
5125-21-FD	1/4/2024	23:54	Gracemor Elementary - Drinking Fountain - Outside A4-Right	1	Wt	Grab	X								21

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Remarks:
			1/5/24	
	Time:		Time:	
			1300	
Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	
	Time:		Time:	



3 H A 0 0 5 1
AXIOM Service Professionals
PM: Carolyn Jackson

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:		CO. NAME:		CO. NAME:	
ADDRESS:	5125 North Sycamore Avenue	ADDRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Kansas City, Missouri 64119	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-321-4702	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								LAB USE ONLY	
							Lead								Wk Order #:	3HA0051
															Short Hold:	
															Rush:	
															Temp: oC	18.3°C
															Sample Condition	Sample #
5125-22-FD	1/4/2024	23:55	Gracemor Elementary - Sink Tap - A12	1	Wt	Grab	X									22
5125-23-FD	1/4/2024	23:56	Gracemor Elementary - Sink Tap - A4	1	Wt	Grab	X									23
5125-24-FD	1/4/2024	23:56	Gracemor Elementary - Sink Tap - A5	1	Wt	Grab	X									24
5125-25-FD	1/4/2024	23:56	Gracemor Elementary - Sink Tap - A2	1	Wt	Grab	X									25
5125-26-FD	1/4/2024	23:57	Gracemor Elementary - Sink Tap - A1	1	Wt	Grab	X									26
5125-27-FD	1/4/2024	23:57	Gracemor Elementary - Sink Tap - A6	1	Wt	Grab	X									27
5125-28-FD	1/4/2024	23:57	Gracemor Elementary - Sink Tap - A7	1	Wt	Grab	X									28

Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
				1/5/24		
	Time:			Time:		
				1300		
Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		



3 H A 0 0 5 1

AXIOM Service Professionals

PM: Carolyn Jackson

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:		CO. NAME:		CO. NAME:	
ADDRESS:	5125 North Sycamore Avenue	ADDRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Kansas City, Missouri 64119	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-321-4702	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								LAB USE ONLY	
							Lead								Wk Order #:	3HA0051
															Short Hold:	
															Rush:	
															Temp: oC	18.3°C
															Sample Condition	Sample #
5125-29-FD	1/4/2024	23:58	Gracemor Elementary - Drinking Fountain - Outside A8-Left	1	Wt	Grab	X									29
5125-30-FD	1/4/2024	23:58	Gracemor Elementary - Drinking Fountain - Outside A8-Right	1	Wt	Grab	X									30
5125-31-FD	1/4/2024	23:58	Gracemor Elementary - Sink Tap - A8	1	Wt	Grab	X									31
5125-32-FD	1/4/2024	00:00	Gracemor Elementary - Drinking Fountain - Outside Multi A-Left	1	Wt	Grab	X									32
5125-33-FD	1/4/2024	00:01	Gracemor Elementary - Sink Tap - Library Office	1	Wt	Grab	X									33
5125-34-FD	1/4/2024	00:02	Gracemor Elementary - Sink Tap - D8	1	Wt	Grab	X									34
5125-35-FD	1/4/2024	00:02	Gracemor Elementary - Sink Tap - D7	1	Wt	Grab	X									35

Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
				1/5/24		
	Time:					
				1300		
Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:					



3 H A 0 0 5 1

AXIOM Service Professionals

PM: Carolyn Jackson

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:		CO. NAME:		CO. NAME:	
ADDRESS:	5125 North Sycamore Avenue	ADDRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Kansas City, Missouri 64119	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-321-4702	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							LAB USE ONLY	
							Lead							Wk Order #:	37A005
														Short Hold:	
														Rush:	
														Temp:	18.3°C
														Sample Condition	Sample #
5125-36-FD	1/4/2024	00:03	Gracemor Elementary - Sink Tap - D6	1	Wt	Grab	X								36
5125-37-FD	1/4/2024	00:03	Gracemor Elementary - Sink Tap - D5	1	Wt	Grab	X								37
5125-38-FD	1/4/2024	00:03	Gracemor Elementary - Drinking Fountain - Outside D5	1	Wt	Grab	X								38
5125-39-FD	1/4/2024	00:03	Gracemor Elementary - Sink Tap - D3	1	Wt	Grab	X								39
5125-40-FD	1/4/2024	00:04	Gracemor Elementary - Sink Tap - D2	1	Wt	Grab	X								40
5125-41-FD	1/4/2024	00:05	Gracemor Elementary - Sink Tap - E2	1	Wt	Grab	X								41
5125-42-FD	1/4/2024	00:05	Gracemor Elementary - Drinking Fountain - Outside E5	1	Wt	Grab	X								42

Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
				1/5/24		
	Time:					
				1300		
Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:					



3 H A 0 0 5 1
AXIOM Service Professionals
PM: Carolyn Jackson

PRINT OR TYPE INFO BELOW:		REPORT TO:		BILL TO:	
SAMPLER:		NAME:	Jeff Hurst	NAME:	Jeff Hurst
SITE NAME:		CO. NAME:		CO. NAME:	
ADDRESS:	5125 North Sycamore Avenue	ADDRESS:	PO Box 47166	ADDRESS:	PO Box 47166
CITY/ST/ZIP:	Kansas City, Missouri 64119	CITY/ST/ZIP:	Kansas City, Missouri 64188	CITY/ST/ZIP:	Kansas City, Missouri 64188
PHONE:	816-321-4702	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							LAB USE ONLY	
							Lead							Wk Order #:	3HAC0051
														Short Hold:	
														Rush:	
														Temp: °C	18.3°C
														Sample Condition	Sample #
5125-43-FD	1/4/2024	00:05	Gracemor Elementary - Sink Tap - E6	1	Wt	Grab	X								43
5125-44-FD	1/4/2024	00:05	Gracemor Elementary - Sink Tap - E7	1	Wt	Grab	X								44
5125-45-FD	1/4/2024	00:06	Gracemor Elementary - Sink Tap - E8	1	Wt	Grab	X								45
5125-46-FD	1/4/2024	00:07	Gracemor Elementary - Drinking Fountain - Cafeteria	1	Wt	Grab	X								46
5125-47-FD	1/4/2024	00:09	Gracemor Elementary - Sink Tap - G7	1	Wt	Grab	X								47
5125-48-FD	1/4/2024	00:09	Gracemor Elementary - Sink Tap - G6	1	Wt	Grab	X								48
5125-49-FD	1/4/2024	00:09	Gracemor Elementary - Sink Tap - G5	1	Wt	Grab	X								49

Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
				1/5/24		
	Time:					
				1300		
Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:					



3 H A 0 0 5 1

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PHONE:	816-321-4702	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	Lead	ANALYSES REQUIRED							LAB USE ONLY	
															Wk Order #:	
															Short Hold:	
															Rush:	
															Temp: oC	18.3°C
															Sample Condition	Sample #
5125-50-FD	1/4/2024	00:10	Gracemor Elementary - Sink Tap - G4	1	Wt	Grab	X									S0
5125-51-FD	1/4/2024	00:10	Gracemor Elementary - Drinking Fountain - Outside G4	1	Wt	Grab	X									S1
5125-52-FD	1/4/2024	00:10	Gracemor Elementary - Sink Tap - G3	1	Wt	Grab	X									S2
5125-53-FD	1/4/2024	00:10	Gracemor Elementary - Sink Tap - G2	1	Wt	Grab	X									S3
5125-54-FD	1/4/2024	00:11	Gracemor Elementary - Sink Tap - H8	1	Wt	Grab	X									S4
5125-55-FD	1/4/2024	00:11	Gracemor Elementary - Sink Tap - H7	1	Wt	Grab	X									S5
5125-56-FD	1/4/2024	00:12	Gracemor Elementary - Sink Tap - H6	1	Wt	Grab	X									S6

Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
				1/5/24		
	Time:					
				1300		
Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:					



3 H A 0 0 5 1

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PHONE:	816-321-4702	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							LAB USE ONLY	
							Lead							Wk Order #:	
														Short Hold:	
														Rush:	
														Temp: oC	18.3°C
														Sample Condition	Sample #
5125-57-FD	1/4/2024	00:12	Gracemor Elementary - Sink Tap - H5	1	Wt	Grab	X								57
5125-58-FD	1/4/2024	00:12	Gracemor Elementary - Drinking Fountain - Outside H5	1	Wt	Grab	X								58
5125-59-FD	1/4/2024	00:13	Gracemor Elementary - Sink Tap - H3	1	Wt	Grab	X								59
5125-60-FD	1/4/2024	00:13	Gracemor Elementary - Sink Tap - H2	1	Wt	Grab	X								60
5125-61-FD	1/4/2024	00:14	Gracemor Elementary - Sink Tap - F6	1	Wt	Grab	X								61
5125-62-FD	1/4/2024	00:14	Gracemor Elementary - Sink Tap - F5	1	Wt	Grab	X								62
5125-63-FD	1/4/2024	00:15	Gracemor Elementary - Sink Tap - Kitchen-North Sink	1	Wt	Grab	X								63

Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		Remarks:
				1/5/24		
	Time:			Time:		
				1300		
Relinquished by: (Signature)	Date:		Received by: (Signature)	Date:		
	Time:			Time:		



3 H A 0 0 5 1

AXIOM Service Professionals

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

CLIENT SAMPLE #	DATE	TIME		# OF CONTAINERS	MATRIX	GRAB/COMPOSITE	ANALYSES REQUIRED								LAB USE ONLY	
							Lead								Wk Order #:	3HA0051
															Short Hold:	
															Rush:	
															Temp: °C	18.3°C
															Sample Condition	Sample #
5125-64-FD	1/4/2024	00:15	Gracemor Elementary - Sink Tap - Kitchen-3 Bay Sink-Left	1	Wt	Grab	X									64
5125-65-FD	1/4/2024	00:16	Gracemor Elementary - Sink Tap - Kitchen-3 Bay Sink-Right	1	Wt	Grab	X									65
5125-66-FD	1/4/2024	00:16	Gracemor Elementary - Sink Tap - Kitchen-West Wall Sink	1	Wt	Grab	X									66
5125-67-FD	1/4/2024	00:17	Gracemor Elementary - Sink Tap - Kitchen-South Sink	1	Wt	Grab	X									67
5125-68-FD	1/4/2024	00:17	Gracemor Elementary - Sink Tap - Kitchen-South Handwashing Sink	1	Wt	Grab	X									68
5125-69-FD	1/4/2024	00:18	Gracemor Elementary - Drinking Fountain - Outside Kitchen	1	Wt	Grab	X									69
5125-70-FD	1/4/2024	00:21	Gracemor Elementary - Sink Tap - Nurse Office	1	Wt	Grab	X									70

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Remarks:
			1/5/24	
	Time:		Time:	
			1300	
Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	
	Time:		Time:	



3 H A 0 0 5 1
AXIOM Service Professionals
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SITE NAME:		CO. NAME:		CO. NAME:	
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PHONE:	816-321-4702	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								LAB USE ONLY	
							Lead								Wk Order #:	3H A 0051
															Short Hold:	
															Rush:	
															Temp: oC	18.3°C
															Sample Condition	Sample #
5125-71-FD	1/4/2024	00:22	Gracemor Elementary - Sink Tap - Staff Lounge	1	Wt	Grab	X									71
5125-72-FD	1/4/2024	00:22	Gracemor Elementary - Ice Machine - Staff Lounge	1	Wt	Grab	X									72
5125-73-FD	1/4/2024	00:24	Gracemor Elementary - Outside Hydrant - South of Exit Door 1	1	Wt	Grab	X									73

Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	Remarks:
			1/5/24	
	Time:		1300	
Relinquished by: (Signature)	Date:	Received by: (Signature)	Date:	
	Time:		Time:	



3 H A 0 0 5 1
AXIOM Service Professionals
PM: Carolyn Jackson

Appendix D

Photo Log



1/4/2024 - 5125-1 - Gracemor Elementary - Outside C1



1/4/2024 - 5125-2 - Gracemor Elementary - C1



1/4/2024 - 5125-3 - Gracemor Elementary - C2



1/4/2024 - 5125-4 - Gracemor Elementary - C3



1/4/2024 - 5125-5 - Gracemor Elementary - C4



1/4/2024 - 5125-6 - Gracemor Elementary - Outside C3



1/4/2024 - 5125-7 - Gracemor Elementary - C5



1/4/2024 - 5125-8 - Gracemor Elementary - C6



1/4/2024 - 5125-9 - Gracemor Elementary - C7



1/4/2024 - 5125-10 - Gracemor Elementary - C8



1/4/2024 - 5125-11 - Gracemor Elementary - B1



1/4/2024 - 5125-12 - Gracemor Elementary - B2



1/4/2024 - 5125-13 - Gracemor Elementary - B7



1/4/2024 - 5125-14 - Gracemor Elementary - B6



1/4/2024 - 5125-15 - Gracemor Elementary - B3



1/4/2024 - 5125-16 - Gracemor Elementary - B4



1/4/2024 - 5125-17 - Gracemor Elementary -
Outside B4-Left



1/4/2024 - 5125-18 - Gracemor Elementary -
Outside B4-Right



1/4/2024 - 5125-19 - Gracemor Elementary - B5



1/4/2024 - 5125-20 - Gracemor Elementary
-Outside A4-Left



1/4/2024 - 5125-21 - Gracemor Elementary - Outside A4-Right



1/4/2024 - 5125-22 - Gracemor Elementary - A12



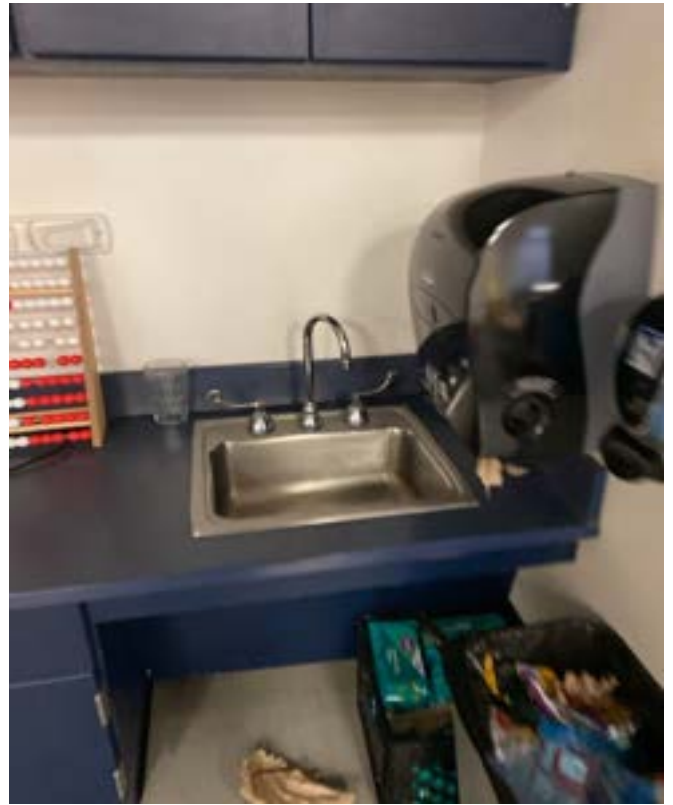
1/4/2024 - 5125-23 - Gracemor Elementary - A4



1/4/2024 - 5125-24 - Gracemor Elementary - A5



1/4/2024 - 5125-25 - Gracemor Elementary - A2



1/4/2024 - 5125-26 - Gracemor Elementary - A1



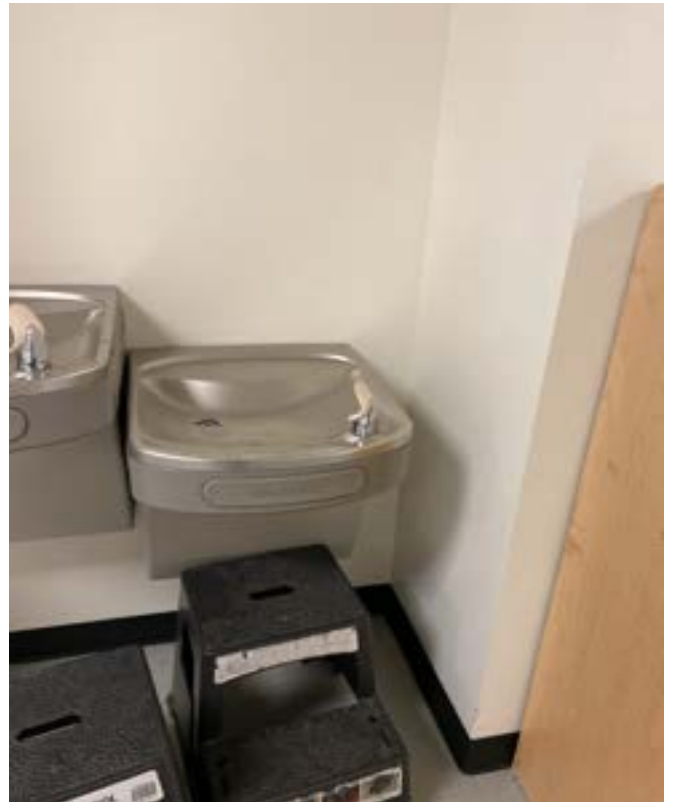
1/4/2024 - 5125-27 - Gracemor Elementary - A6



1/4/2024 - 5125-28 - Gracemor Elementary - A7



1/4/2024 - 5125-29 - Gracemor Elementary -
Outside A8-Left



1/4/2024 - 5125-30 - Gracemor Elementary -
Outside A8-Right



1/4/2024 - 5125-31 - Gracemor Elementary - A8



1/5/2024 - 5125-32 - Gracemor Elementary -
Outside Multi A-Left



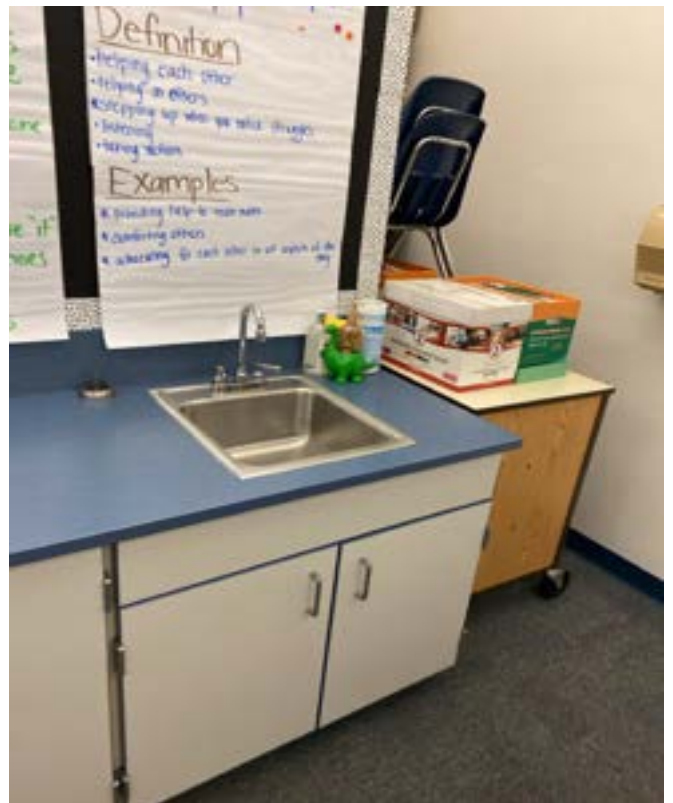
1/5/2024 - 5125-33 - Gracemor Elementary - Library Office



1/5/2024 - 5125-34 - Gracemor Elementary - D8



1/5/2024 - 5125-35 - Gracemor Elementary - D7



1/5/2024 - 5125-36 - Gracemor Elementary - D6



1/5/2024 - 5125-37 - Gracemor Elementary - D5



1/5/2024 - 5125-38 - Gracemor Elementary - Outside D5



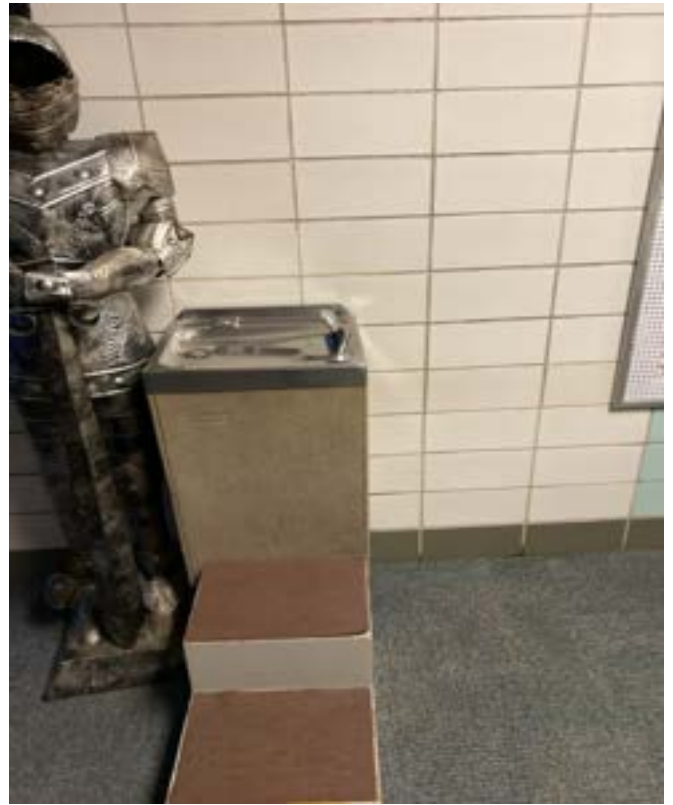
1/5/2024 - 5125-39 - Gracemor Elementary - D3



1/5/2024 - 5125-40 - Gracemor Elementary - D2



1/5/2024 - 5125-41 - Gracemor Elementary - E2



1/5/2024 - 5125-42 - Gracemor Elementary -
Outside E5



1/5/2024 - 5125-43 - Gracemor Elementary - E6



1/5/2024 - 5125-44 - Gracemor Elementary - E7



1/5/2024 - 5125-45 - Gracemor Elementary - E8



1/5/2024 - 5125-46 - Gracemor Elementary - Cafeteria



1/5/2024 - 5125-47 - Gracemor Elementary - G7



1/5/2024 - 5125-48 - Gracemor Elementary - G6



1/5/2024 - 5125-49 - Gracemor Elementary - G5



1/5/2024 - 5125-50 - Gracemor Elementary - G4



1/5/2024 - 5125-51 - Gracemor Elementary -
Outside G4



1/5/2024 - 5125-52 - Gracemor Elementary - G3



1/5/2024 - 5125-53 - Gracemor Elementary - G2



1/5/2024 - 5125-54 - Gracemor Elementary - H8



1/5/2024 - 5125-55 - Gracemor Elementary - H7



1/5/2024 - 5125-56 - Gracemor Elementary - H6



1/5/2024 - 5125-57 - Gracemor Elementary - H5



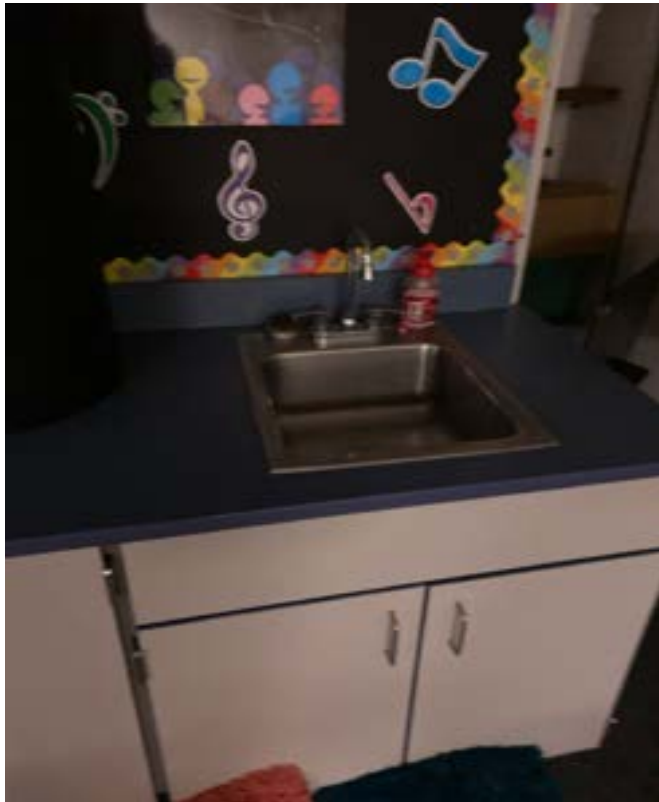
1/5/2024 - 5125-58 - Gracemor Elementary - Outside H5



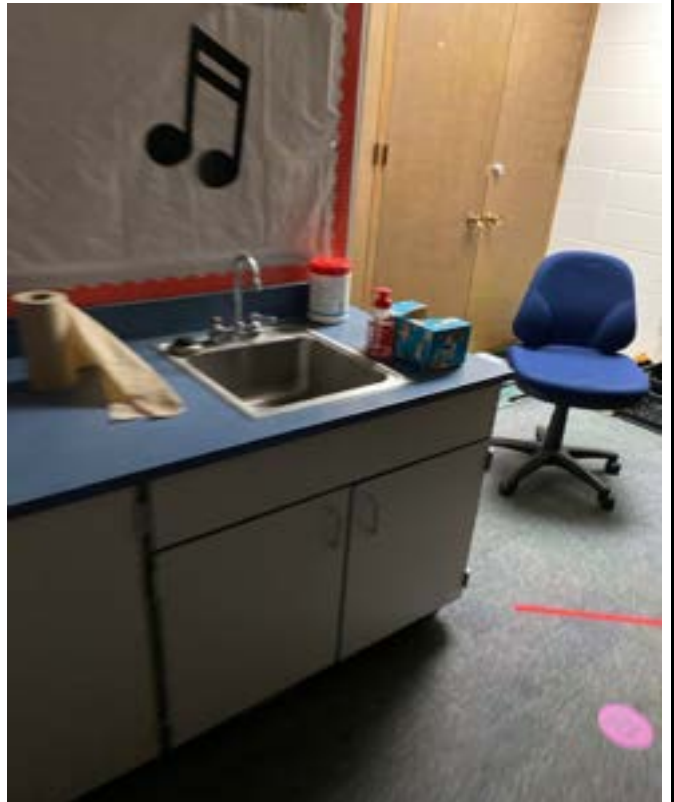
1/5/2024 - 5125-59 - Gracemor Elementary - H3



1/5/2024 - 5125-60 - Gracemor Elementary - H2



1/5/2024 - 5125-61 - Gracemor Elementary - F6



1/5/2024 - 5125-62 - Gracemor Elementary - F5



1/5/2024 - 5125-63 - Gracemor Elementary -
Kitchen-North Sink



1/5/2024 - 5125-64 - Gracemor Elementary -
Kitchen-3 Bay Sink-Left



1/5/2024 - 5125-65 - Gracemor Elementary - Kitchen-3 Bay Sink-Right



1/5/2024 - 5125-66 - Gracemor Elementary - Kitchen-West Wall Sink



1/5/2024 - 5125-67 - Gracemor Elementary - Kitchen-South Sink



1/5/2024 - 5125-68 - Gracemor Elementary - Kitchen-South Handwashing Sink



1/5/2024 - 5125-69 - Gracemor Elementary - Outside Kitchen



1/5/2024 - 5125-70 - Gracemor Elementary - Nurse's Office



1/5/2024 - 5125-71 - Gracemor Elementary - Staff Lounge



1/5/2024 - 5125-72 - Gracemor Elementary - Staff Lounge

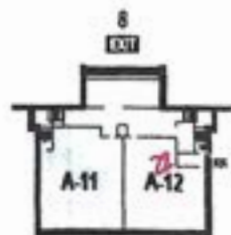


1/5/2024 - 5125-73 - Gracemor Elementary -
South of Exit Door 1

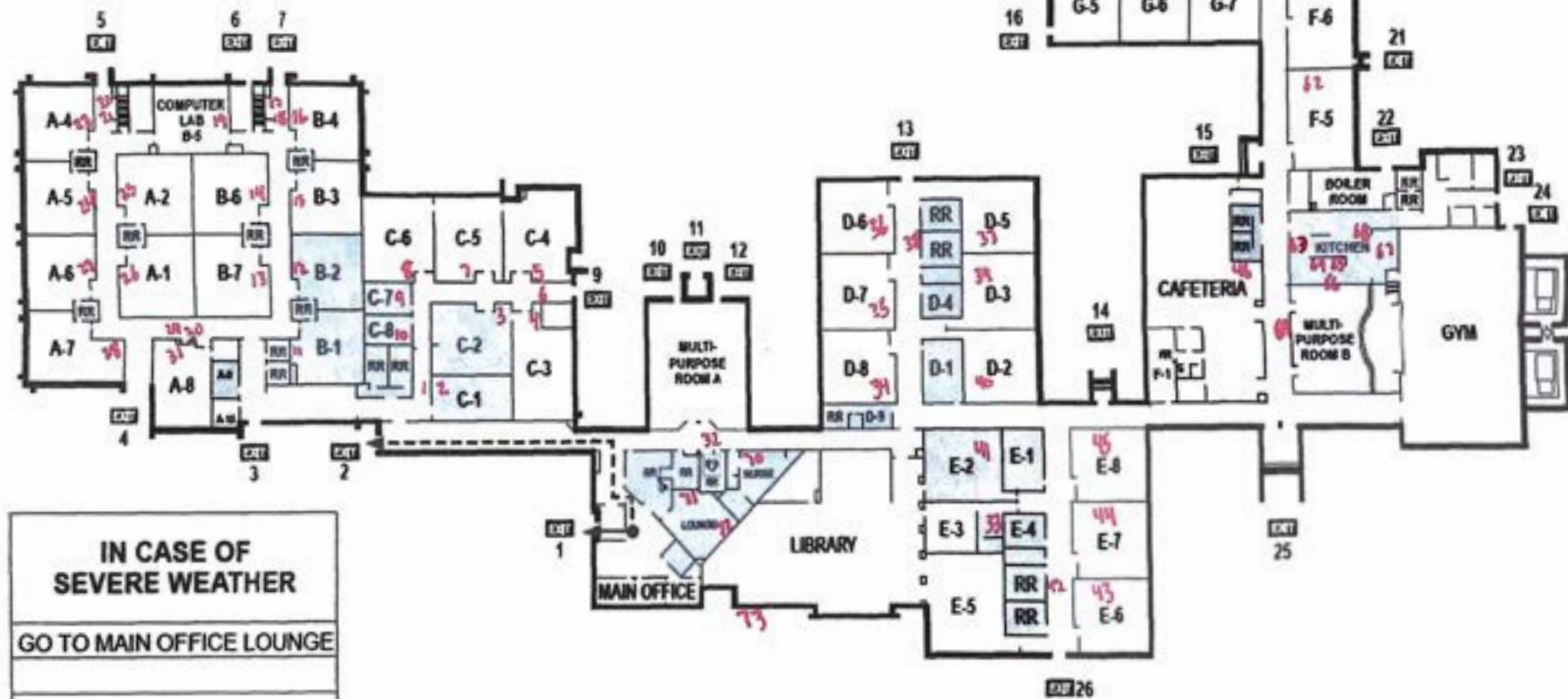
Appendix E

Source Identification Diagram

ASP was provided sample locations by
North Kansas City School District



LOWER LEVEL



**IN CASE OF
SEVERE WEATHER**

GO TO MAIN OFFICE LOUNGE

GROUND LEVEL

EMERGENCY INFORMATION

Gracemor Elementary School
5125 N. Sycamore Avenue
Kansas City, MO 64119

- ➔ Primary Exit Route
- ➔ Secondary Exit Route
- You Are Here
- EXIT Exit Location
- Stairway
- Defibrillator
- Severe Weather Shelter

Emergency Egress Plan
Gracemor Elementary School

