

December 26, 2024

Aaron Feagan Superintendent Malta Bend School District 200 South Linn Street Malta Bend, Missouri 65339

#### Project: Limited Lead in Drinking Water Testing Address: 200 South Linn Street, Malta Bend, Missouri 65339

Mr. Aaron Feagan

On December 9, 2024, Bradly Young of Axiom Service Professionals (ASP), conducted lead in drinking water resampling at the above referenced address. Inspector certification is provided in Appendix A. Sampling locations were derived from previously elevated water sources selected for retesting by the Malta Bend School District. A total of 10 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: <a href="https://www.epa.gov/dwreginfo/lead-and-copper-rule">https://www.epa.gov/dwreginfo/lead-and-copper-rule</a>

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: <u>https://www.senate.mo.gov/22info/BTS\_Web/Bill.aspx?SessionType=R&BillID=71259862</u>

- 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.

#### 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.

Sample #	Location	Source Under Test	Test Type	Lead Result (ppb)
200-17-RDF	Malta Bend - Room 209 - Left	Sink Tap	Retest - First Draw	0.4
200-18-RDF	Malta Bend - Room 209 - Right	Sink Tap	Retest - First Draw	<0.4
200-20-RDF	Malta Bend - Men's Restroom	Sink Tap	Retest - First Draw	10.6
200-21-RDF	Malta Bend - Women's Restroom	Sink Tap	Retest - First Draw	2.3
200-24-RDF	Malta Bend - Boys Gym Restroom	Sink Tap	Retest - First Draw	1.3
200-25-RDF	Malta Bend - Boys Locker Room	Sink Tap	Retest - First Draw	21.0
200-26-RDF	Malta Bend - Girls Locker Room	Sink Tap	Retest - First Draw	18.3
200-27-RDF	Malta Bend - Girls Gym Restroom	Sink Tap	Retest - First Draw	<0.4
200-32-RDF	Malta Bend - Art Room	Sink Tap	Retest - First Draw	0.4
200-34-RDF	Malta Bend - AG Shop Double Sink - Right	Sink Tap	Retest - First Draw	<0.4

#### **December 9, 2024 Water Sampling Results:**

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 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 followup 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,

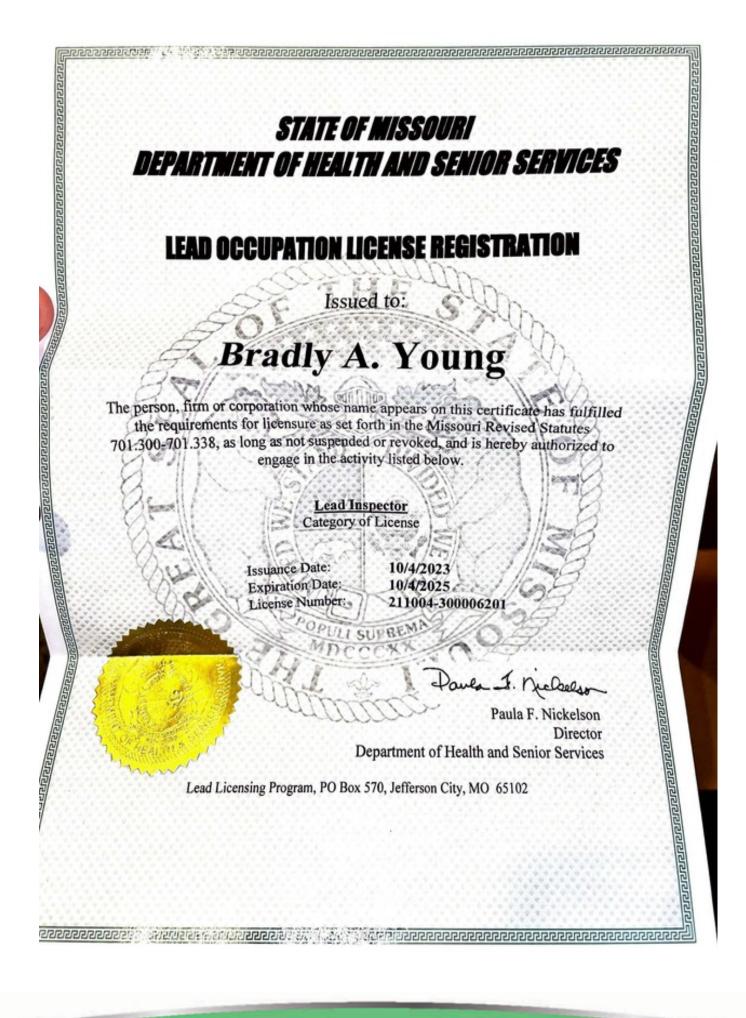
Jeff thirst

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 ABATEMENT OCCUPATION LICENSE

Issued to:

# **Jeffrey 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

> > SUPR

Issuance Date: Expiration Date: License Number: 8/1/2024 8/1/2026 000801-200166567

Danes I. nichelse

Paula F. Nickelson Director Department of Health and Senior Services

ssouri Department of Health and Senio Services Lead Occupation License ID Badge

> Jeffrey Hurst

License Number: 000801-200166567

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

Expiration Date: August 1, 2026

## Appendix B EPA Listed Lead Containing Drinking Fountains

Appendix C-Water Cooler Summary

	Table C-1. Water Coolers With Other Lead Components														
EBO	EBCO Manufacturing														
٠	<ul> <li>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.</li> </ul>														
٠	<ul> <li>The following models of pressure bubbler coolers produced from 1978 through 1981 contain one 50-50 tin-lead solder joint each.</li> </ul>														
	CP3 DP16M WTC10 DP20-50 CP3-50 CP10	DP15W DP5S DP13M-60 DP7SM DP13M DP20	DPM8 C10E DP14M DP10X DP3RH DP12N	7P PX-10 CP10-50 DP13A DP5F DP7WM	13P DP7S CP5 DP13A-50 CP3M DP14A-50/0	EP5F	DP15M DP7M DP15MW DP5M 13PL	DP3R DP7MH DP3R DP10F DP8AH	DP8A DP7WD DP14S CP3H DP13S						
Hak	sey Taylor														
۰	Lead solde	r was used in	these models	s of water coo	lers manufact	tured betwee	n 1978 and th	he last week o	of 1987:						
	WMA-1 \$3/5/10D		SCWT/S BFC-4F/	CWT-A 7F/4FS/7FS		SWA-1 3300/500/100		DC/DHC-1							
٠	1984 throu		18, 1987 are	e not lead-free					am November model						
	HC8WT HC14FL HC4FH	HC14F HC14W HC10F	HC6W HC2FH HC16WT	HWC7D HC14WTH HCBF7HO		HC14FH HC4F HC8FH	HCSF HC4W	HC2F HC14WL HWC7	HC14WT HCBF7D						

Halsey	Taylor Water Co	olers With	Lead-Lined	Tanks
The following six model number	s have one or more	e units in th	e model serie	s with lead-lined tanks:
WM8A WT8A GC10A	CR GC10A	GC5A	RWM13A	
The following models and serial	numbers contain le	ad-lined tar	dcs:	
WM14A Serial No. 843034 WT21A Serial No. 64309550	WM14A Seria WT21A Serial			WT11A Serial No. 222650 LL14A Serial No. 64346908

## Appendix C Laboratory Analytical Report



#### Microbac Laboratories, Inc., Lenexa

#### CERTIFICATE OF ANALYSIS

#### 3HL0068

#### **AXIOM Service Professionals**

#### Project Name: 200 South Linn Street

Jeff HurstProject / PO Number: Lead AnalysisPO Box 47166Received: 12/11/2024Kansas City, MO 64188Reported: 12/19/2024

#### Work Order Special Information

Client Lead Analysis

#### **Analytical Testing Parameters**

-						-	Client 12/09/	2024 10:13	
	Analyzaa Darfarmad h		o Loborato	rica Ina			,		
	-			nes, inc.	, Newton				
etals	Result	RL	Units	DF	Note	Prepa	red	Analyzed	Analys
	0.4	0.4	ppb	2		12/17/24	0812	12/17/24 2028	RVV
200-18-RDF									
Drinking Water 3HL0068-02						-	Client 12/09/	2024 10:14	
	Analyses Performed by	y: Microba	c Laborato	ries, Inc.	., Newton				
etals	Result	RL	Units	DF	Note	Prepa	red	Analyzed	Analyst
	<0.4	0.4	ppb	2		12/17/24	0812	12/17/24 2033	RVV
200-20-RDF									
Drinking Water 3HL0068-03						•	Client 12/09/	2024 10:11	
	Analyses Performed by	y: Microba	c Laborato	ries, Inc.	, Newton				
etals	Result	RL	RL Units DF			Prepared		Analyzed	Analys
	10.6	0.4	ppb	2		12/17/24	0825	12/17/24 2049	RVV
						-	Client 12/09/	2024 10:10	
	Analyses Performed by	y: Microba	c Laborato	ries, Inc.	, Newton				
etals	Result	RL	Units	DF	Note	Prepa	red	Analyzed	Analyst
	Drinking Water 3HL0068-01 letals 200-18-RDF Drinking Water 3HL0068-02 letals 200-20-RDF Drinking Water 3HL0068-03 letals 200-21-RDF Drinking Water	Drinking Water 3HL0068-01 Analyses Performed by letals Result 0.4 200-18-RDF Drinking Water 3HL0068-02 Analyses Performed by letals Result <0.4 200-20-RDF Drinking Water 3HL0068-03 Analyses Performed by letals Result 10.6 200-21-RDF Drinking Water 3HL0068-04 Analyses Performed by	Drinking Water 3HL0068-01       Analyses Performed by: Microban Result       RL         0.4       0.4       0.4         200-18-RDF Drinking Water 3HL0068-02       0.4       0.4         200-18-RDF Drinking Water 3HL0068-02       Analyses Performed by: Microban (analyses Performed by: Microb	Analyses Performed by: Microbac Laborator Ietals Result RL Units 0.4 0.4 ppb 200-18-RDF Drinking Water 3HL0068-02 Analyses Performed by: Microbac Laborator Ietals Result RL Units <0.4 0.4 ppb 200-20-RDF Drinking Water 3HL0068-03 Analyses Performed by: Microbac Laborator Ietals Result RL Units 10.6 0.4 ppb 200-21-RDF Drinking Water 3HL0068-04 Analyses Performed by: Microbac Laborator	Analyses Performed by: Microbac Laboratories, Inc. letais Result RL Units DF 0.4 0.4 ppb 2 200-18-RDF Drinking Water 3HL0068-02 Analyses Performed by: Microbac Laboratories, Inc. letais Result RL Units DF <ul> <li>&lt;0.4 0.4 ppb 2</li> </ul> <li>200-20-RDF Drinking Water 3HL0068-03 Analyses Performed by: Microbac Laboratories, Inc. letais Result RL Units DF <ul> <li>&lt;0.4 0.4 ppb 2</li> </ul> </li> <li>200-20-RDF Drinking Water 3HL0068-03 Analyses Performed by: Microbac Laboratories, Inc. letais Result RL Units DF 200-21-RDF Drinking Water 3HL0068-04 Analyses Performed by: Microbac Laboratories, Inc.</li>	Drinking Water 3HL0068-01       Collected B Collection I Analyses Performed by: Microbac Laboratories, Inc., Newton         Ietals       Result       RL       Units       DF       Note         0.4       0.4       ppb       2       2         200-18-RDF Drinking Water 3HL0068-02       Collected B Collection I       Collected B Collection I         Analyses Performed by: Microbac Laboratories, Inc., Newton       Note         Ietals       Result       RL       Units       DF       Note         200-20-RDF Drinking Water 3HL0068-03       Collected B       Collected B       Collected B         200-20-RDF Drinking Water 3HL0068-03       Analyses Performed by: Microbac Laboratories, Inc., Newton       Collected B         200-20-RDF Drinking Water 3HL0068-03       Result       RL       Units       DF       Note         200-20-RDF Drinking Water 3HL0068-03       Note       Collected B       Collected B         200-21-RDF Drinking Water 3HL0068-04       Result       RL       Units       DF       Note         200-21-RDF Drinking Water 3HL0068-04       Note       Collected B       Collected B       Collected B         200-21-RDF Drinking Water 3HL0068-04       Result       RL       Units       DF       Note         200-21-RDF       X       Collecte	Drinking Water 3HL0068-01       Collected By: Collection Date:         Analyses Performed by: Microbac Laboratories, Inc., Newton         letals       Result       RL       Units       DF       Note       Prepa         0.4       0.4       ppb       2       12/17/24         200-18-RDF Drinking Water 3HL0068-02       Collected By: Collection Date:       Collected By: Collection Date:         Analyses Performed by: Microbac Laboratories, Inc., Newton       Note       Prepa         200-20-RDF Drinking Water 3HL0068-03       Collected By: Collected By: Collected By: Collection Date:       2         200-20-RDF Drinking Water 3HL0068-03       Result       RL       Units       DF       Note       Prepa         200-20-RDF Drinking Water 3HL0068-03       Collected by: Collection Date:       Collected By: Collection Date:       2       12/17/24         200-20-RDF Drinking Water 3HL0068-03       Result       RL       Units       DF       Note       Prepa         20-20-RDF Drinking Water 3HL0068-04       Result       RL       Units       DF       Note       Prepa         20-21-RDF Drinking Water 3HL0068-04       Result       RL       Units       DF       Note       Prepa         200-21-RDF Drinking Water 3HL0068-04       0.4       ppb       2       12/17/	Drinking Water 3HL0068-01       Collected By: Collection Date:       Client 12/09/         Analyses Performed by: Microbac Laboratories, Inc., Newton       Itelais       Result       RL       Units       DF       Note       Prepared         0.4       0.4       ppb       2       12/17/24       0812         200-18-RDF       Drinking Water 3HL0068-02       Collected By: Collection Date:       Client Collection Date:       Client 12/09/         Analyses Performed by: Microbac Laboratories, Inc., Newton       Analyses Performed by: Microbac Laboratories, Inc., Newton       Prepared         200-20-RDF       c0.4       0.4       ppb       2       12/17/24       0812         200-20-RDF       rol.4       0.4       ppb       2       12/17/24       0812         200-20-RDF       rol.6       0.4       ppb       2       12/17/24       0825         200-21-RDF       rol.6       0.4       ppb       2       12/17/24 <t< td=""><td>Drinking Water 3HL0068-01       Collected By: 200-18-RDF       Client 12/09/2024       10:13         200-18-RDF       0.4       0.4       ppb       2       12/17/24       0812       12/17/24       2028         200-18-RDF       Drinking Water       Collected By:       Client       Collected By:       Client         200-18-RDF       Drinking Water       Collected By:       Client       Client         3HL0068-02       Collected By:       Client       Client         Analyses Performed by: Microbac       Laboratories, Inc., Newton       Collected By:       Client         analyses Performed by: Microbac       Laboratories, Inc., Newton       12/17/24       0812       12/17/24         200-20-RDF       co.4       0.4       ppb       2       12/17/24       0812       12/17/24         200-20-RDF       collected By:       Client       Collected By:       Client       2/09/2024       10:11         Analyses Performed by: Microbac       Laboratories, Inc., Newton       Edials       Result       RL       Units       DF       Note       Prepared       Analyzed         10.6       0.4       ppb       2       12/17/24       0825       12/17/24       2/09/2024       10:11         200-21-RDF</td></t<>	Drinking Water 3HL0068-01       Collected By: 200-18-RDF       Client 12/09/2024       10:13         200-18-RDF       0.4       0.4       ppb       2       12/17/24       0812       12/17/24       2028         200-18-RDF       Drinking Water       Collected By:       Client       Collected By:       Client         200-18-RDF       Drinking Water       Collected By:       Client       Client         3HL0068-02       Collected By:       Client       Client         Analyses Performed by: Microbac       Laboratories, Inc., Newton       Collected By:       Client         analyses Performed by: Microbac       Laboratories, Inc., Newton       12/17/24       0812       12/17/24         200-20-RDF       co.4       0.4       ppb       2       12/17/24       0812       12/17/24         200-20-RDF       collected By:       Client       Collected By:       Client       2/09/2024       10:11         Analyses Performed by: Microbac       Laboratories, Inc., Newton       Edials       Result       RL       Units       DF       Note       Prepared       Analyzed         10.6       0.4       ppb       2       12/17/24       0825       12/17/24       2/09/2024       10:11         200-21-RDF



### Microbac Laboratories, Inc., Lenexa

#### CERTIFICATE OF ANALYSIS

#### 3HL0068

Client Sample ID:	200-24-RDF										
Sample Matrix: Lab Sample ID:	Drinking Water 3HL0068-05					Collected By: Collection Dat		Client 2/09/2024 10:08			
		Analyses Performed by	/: Microba	c Laborato	ories, Inc.	., Newton					
Determination of Tota	al Metals	Result	RL	Units	DF	Note	Prepare	d Analyzed	Analyst		
200.8											
Lead, total		1.3	0.4	ppb	2		12/17/24 0	825 12/17/24 212	0 RVV		
Client Sample ID:	200-25-RDF										
Sample Matrix: Lab Sample ID:	Drinking Water 3HL0068-06					Collected By: Collection Dat		Client 2/09/2024 10:17			
		Analyses Performed by	/: Microba	c Laborato	ories, Inc.	., Newton					
Determination of Tota	al Metals	Result	RL	Units	DF	Note	Prepare	d Analyzed	Analyst		
200.8											
Lead, total		21.0	0.4	ppb	2		12/17/24 0	12/17/24 212	5 RVV		
Client Sample ID: Sample Matrix:	200-26-RDF Drinking Water					Collected By:		Client			
Lab Sample ID:	3HL0068-07					Collection Dat	te: 1	2/09/2024 10:17			
		Analyses Performed by		c Laborato	ories, Inc.	., Newton					
Determination of Tota	al Metals	Result	RL	Units	DF	Note	Prepare	d Analyzed	Analyst		
200.8											
Lead, total		18.3	0.4	ррb	2		12/17/24 0	12/17/24 213	1 RVV		
Client Sample ID:	200-27-RDF										
Sample Matrix: Lab Sample ID:	Drinking Water 3HL0068-08					Collected By: Collection Dat		Client 2/09/2024 10:05			
		Analyses Performed by	/: Microba	c Laborato	ories, Inc.	., Newton					
Determination of Tota	al Metals	Result	RL	Units	DF	Note	Prepare	d Analyzed	Analyst		
200.8											
Lead, total		<0.4	0.4	ppb	2		12/17/24 0	825 12/17/24 213	6 RVV		
Client Sample ID:	200-32-RDF										
Sample Matrix: Lab Sample ID:	Drinking Water 3HL0068-09					Collected By: Collection Dat		Client 2/09/2024 10:03			
		Analyses Performed by	/: Microba	c Laborato	ories, Inc.	., Newton					
Determination of Tota	al Metals	Result	RL	Units	DF	Note	Prepare	d Analyzed	Analyst		
200.8											
Lead, total		0.4	0.4	ppb	2		12/17/24 0	12/17/24 214	1 RVV		



#### Microbac Laboratories, Inc., Lenexa

#### CERTIFICATE OF ANALYSIS

#### 3HL0068

Client Sample ID: Sample Matrix: Lab Sample ID:	200-34-RDF Drinking Water 3HL0068-10		Collected By Collection D	2024 10:02					
5	Ana	lyses Performed by	: Microba	c Laborato	ries, Inc.,	Newton			
Determination of Tota	al Metals	Result	RL	Units	DF	Note Prepared		Analyzed	Analyst
200.8									
Lead, total		<0.4	0.4	ppb	2		12/17/24 0825	12/17/24 2146	RVV
Definitions									
RL:	Reporting Limit								

**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 <<u>https://www.microbac.com/standard-terms-conditions></u>.

**Reviewed and Approved By:** 

Lehson Can

Carolyn Jackson Project Manager carolyn.jackson@microbac.com 12/19/24 14:00

#### Microbac Laboratories, Inc., Lenexa 8857 Long Street | Lenexa, KS 66215 | 913-321-7856 p | www.microbac.com

L A B O R A	LABORATORIES A Microbac Company			600 E. 17th St. S Newton, IA 50208 Phone: 641-792-8451				3012 Ansborough Ave Waterloo, IA 50701 Phone: 319-235-4440				35 S St. ansas C hone: 9:	ity, KS (			205 E Van Buren St Centerville, IA 52544 Phone: 641-437-7023			
A Microbac Company PRINT OR TYPE INFO BELOW: SAMPLER: ADDRESS: 200 South Linn Street CITY/ST/ZIP: Malta Bend, Missouri 65339 PHONE:		et	REPORT TO:       NAME:       Jeff Hurst         CO. NAME:       ADRESS:       PO Box 47166         CITY/ST/ZIP:       Kansas City, Missouri 64188         PHONE:       816-678-7894         EMAIL:       jeffh@axiomservicepros.com								BILL TO: NAME: Jeff Hurst CO. NAME: ADDRESS: PO Box 4716 CITY/ST/ZIP: Kansas City, I PHONE: 816-678-7894 EMAIL: jeffh@axioms					Aissouri 64188			
							1	Γ	I		ANALY	SES RE	OUIRE	D		1		E ONLY	
														Ĭ		Wk Order		3HLOC68	
						CONTAINERS		GRAB/COMPOSITE								Short Hol	1:		
						NTAII		DAMC								Rus	n:		
	Ш		ш			OF CO	MATRIX	AB/C(	σ							Tem	): oC	Notur 14.1	
CLIENT SAMPLE #	DATE		TIME			0#	MA	GR	Lead							Sample Co	ndition	Sample #	
200-17-RDF	12/9/2024	10:13		Aalta Bend - Sink T Room 209-Left	ap -	1	Wt	Grab	х									3HL0068.01	
200-18-RDF	12/9/2024	10:14	R	Aalta Bend - Sink T Room 209-Right	•	1	Wt	Grab	х									12	
200-20-RDF	12/9/2024	10:11		Aalta Bend - Sink T Aen's Restroom	ap -	1	Wt	Grab	x									03	
200-21-RDF	12/9/2024	10:10		/alta Bend - Sink T Vomen's Restroom		1	Wt	Grab	x									04	
200-24-RDF	12/9/2024	10:08		Aalta Bend - Sink T Boys Gym Restroor		1	Wt	Grab	x									05	
200-25-RDF	12/9/2024	10:17		Aalta Bend - Sink T Boys Locker Room	ap -	1	Wt	Grab	x									06	
200-26-RDF	12/9/2024	10:17		Aalta Bend - Sink T Sirls Locker Room	ap -	1	Wt	Grab	х									07	
Relinquied by: (Signature	)	Date:			Rec	eived b	y: (Sign	ature)		Di	ate:				Rem	arks:			
Buff		Time:	4							ΤΙ	me:								
Relinquied by: (Signature	)	Date:	+	· · · · · · · · · · · · · · · · · · ·	Rec	eived b	y: (Sign	ature)		Di	ate: 12/11/24			-					
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LABORA																	
A Microba		iny															
	PRINT OR TYPE INFO BELOW: REPORT TO:									BILL T							
SAMPLER: Jeff H	lurst		NAME: Jeff Hurst								E: Jeff	Hurst					
SITE NAME: ADDRESS: 200 S	South Linn Stre	ot	CO. NAME:	PO Box 4	7166						CO. NAM ADDRES		Box 17	166			
CITY/ST/ZIP: Malta			CITY/ST/ZIP:			ouri 64	88								ouri 64188		
PHONE:				816-678-7						•••		E: 816			00.101200		
			EMAIL:	jeffh@axi	omservi	cepros.	com								cepros.com		
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200-27-RDF	12/9/2024	10:05	Malta Bend - Girls Gym Re	stroom	1	Wt	Grab	х									
200-32-RDF	12/9/2024	10:03	Malta Bend - Art Room		1	Wt	Grab	х									
200-34-RDF	12/9/2024	10:02	Malta Bend - AG Shop Dou Right	Sink Tap - ıble Sink -	1	Wt	Grab	x									
Relinquied by: (Signature)	)	Date:	-	Red	ceived b	y: (Sign	ature)		Date	e:				Rema	arks:		
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Relinquied by: (Signature)	)	Date:		Red	ceived b	y: (Sign	ature)		Date	e:	-						
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Appendix D Photo Log

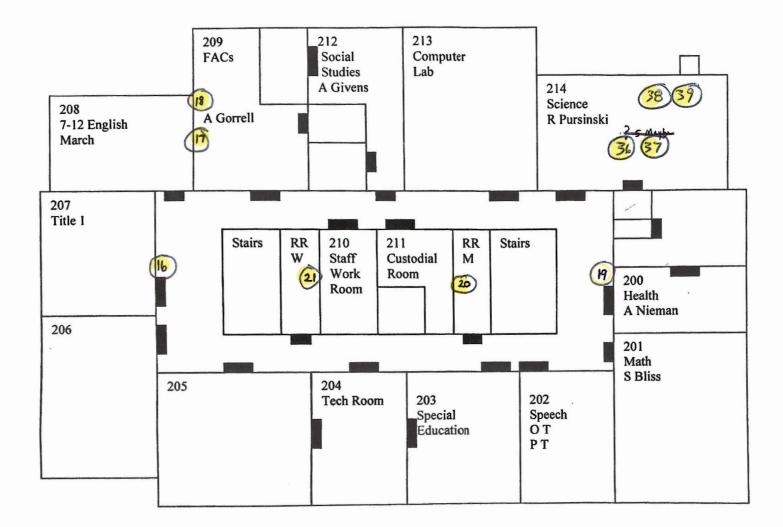




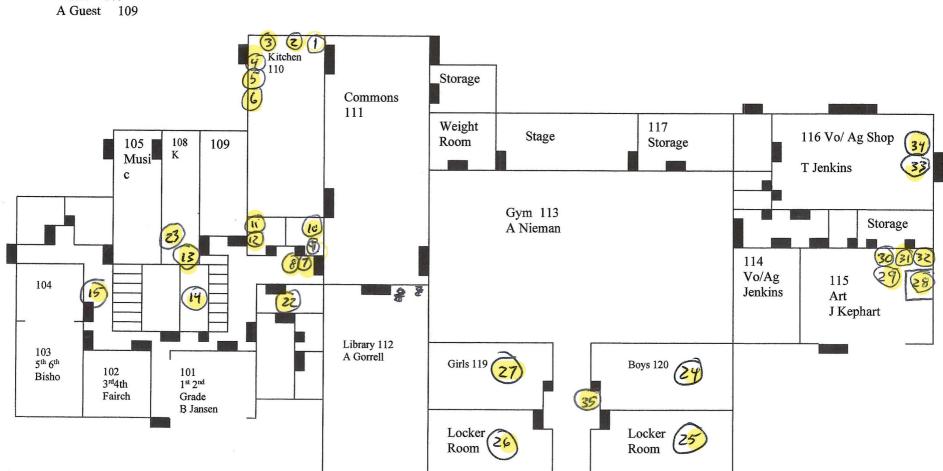


## Appendix E Source Identification Diagram

ASP was provided sample locations by Malta Bend School District



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Music 105

Hunt 108