

FINAL SAMPLING REPORT WIIN GRANT LEAD TESTING PROGRAM

RICHARD W. VINCENT ELEMENTARY

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Calcasieu Parish



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MATRIXNEWORLD
Engineering Progress

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TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 Background	1
1.2 Purpose and Scope	2
1.3 Facility Information	2
2.0 ASSESSMENT ACTIVITIES AND SAMPLING PLAN	3
2.1 Initial and On-site Interviews	3
2.2 Assessment Findings and Sampling Plan	3
3.0 SAMPLING EVENT	4
3.1 Procedures	4
3.2 Summary of Sampling Event	4
3.3 Laboratory Analysis	5
4.0 SAMPLE RESULTS	6
5.0 REMEDIATION AND RESAMPLING	9
6.0 OTHER RECOMMENDATIONS	12
6.1 Implement Routine Practices	12
6.2 Facility-Specific Recommendations	13
7.0 CONCLUSIONS	14
8.0 ADDITIONAL INFORMATION AND RESOURCES	15
9.0 SIGNATURES	16

TABLES

Table 4.1	Sample Results
Table 5.1	Fixtures over the lead action level (15 ppb)
Table 5.2	Fixtures over the program remediation trigger (10 ppb)
Table 6.1	Fixtures greater than 5 ppb
Table 6.2	Out-of-service/Out-of-use Fixtures

APPENDICES

Appendix A	Facility Maps
Appendix B	ID Codes and Abbreviations
Appendix C	Fixture Identification Photos

ATTACHMENTS

Attachment 1	Analytical Laboratory Reports
Attachment 2	Establishing Routine Practices

1.0 INTRODUCTION

On behalf of the Louisiana Department of Health (LDH), Matrix New World Engineering, Land Surveying and Landscape Architecture (Matrix) has prepared this Final Sampling Report (the Report) for Richard W. Vincent Elementary (the School). Matrix developed the Report following assessment and sampling of water sources used for consumption at the School to determine the potential presence and concentration of lead in drinking water.

This Report provides a summary of the activities performed by Matrix, the results of the analytical testing, and recommendations to the School as a result of the analytical results.

1.1 Background

Lead is a naturally occurring element with some beneficial uses, but it can be toxic to humans and animals. Lead can be found in the air, soil, water, and in other materials (e.g. paint, batteries). Lead was a common material used in plumbing materials for many years and can enter drinking water through corrosion. According to the Environmental Protection Agency (EPA), the most common sources of lead in drinking water are lead pipes, faucets, and fixtures. Lead service lines are more likely to be found in buildings built before 1986. Among buildings without lead pipes, the most common sources of lead in drinking water are brass or chrome-plated brass faucets and plumbing with lead solder (melted metal or alloy used to join pieces of metal). Additionally, some drinking water fountains with lead-lined tanks and other plumbing fixtures not intended for drinking water (e.g. hoses, spigots, hand washing sinks) may also be sources of lead in drinking water. The amount of lead that enters drinking water from these sources is affected by many factors, including: the chemistry of the water, the amount of lead the water is in contact with, the temperature of the water, the amount of wear in the pipes, how long water stays in the pipes, and the presence of protective scales or coatings inside the plumbing materials.

The Safe Drinking Water Act requires EPA to determine the level of contaminants in drinking water at which no adverse health effects are likely to occur with an adequate margin of safety. EPA has set the maximum contaminant level goal for lead in drinking water at zero because lead is a toxic metal that can be harmful to human health even at low exposure levels. EPA also set an action level for lead in drinking water at 15 parts per billion (ppb). Lead is persistent, and it can bioaccumulate in the body over time.

According to the Center for Disease Control and Prevention (CDC) and the EPA, young children, infants, and fetuses are particularly vulnerable to lead because the physical and behavioral effects of lead occur at lower exposure levels in children than in adults. In children, low levels of exposure have been linked to damage to the central and peripheral nervous system, learning disabilities, shorter stature, impaired hearing, and impaired formation and function of blood cells. The most important step in protecting children from these effects is preventing lead exposure before it occurs by removing lead hazards from their environment.

The EPA has determined even when water entering a facility meets all federal and state safe drinking water standards for lead, older plumbing materials in schools and child care facilities may contribute to elevated levels of lead in drinking water. Additionally, due to the intermittent water use patterns, schools and child care facilities are more likely to have a higher potential for lead to enter drinking water as water remains in contact with lead plumbing materials for longer. However, the only way to know if lead is present in drinking water is to test.

In order to help schools and child care facilities implement a voluntary program to reduce lead in drinking water, the EPA developed a guide for training, testing, and taking action called the 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities (the 3Ts). The 3Ts manual was revised in 2018 and provides information and resources to assist schools and child care facilities in identifying potential problems, implementing targeted remediation efforts, and communicating with parents, teachers, and the public. The EPA also developed a toolkit of resources to support the 3Ts. The 3Ts manual and toolkit can be found at <https://www.epa.gov/ground-water-and-drinking-water/3ts-reducing-lead-drinking-water>.

The Water Infrastructure Improvements for the Nation Act or “WIIN Act” of 2016 authorized the EPA to award grants to states for providing voluntary testing for lead in drinking water at eligible schools and child care facilities. The LDH administers the WIIN Grant Lead Testing Program for Louisiana and offers free lead testing in drinking water at eligible schools and child care facilities. This program includes outreach and education on lead exposure risks in drinking water, facility assessments and water sampling, lead analysis, and remediation guidance in accordance with the 3Ts. Participation in the program is voluntary and requires that eligible schools and child care centers submit an application to LDH for approval. Once tested, schools and child care facilities are required to make the lead test results publicly available and notify parents and teachers/employees of the availability of the results.

1.2 Purpose and Scope

Matrix, as a contractor for LDH, assessed the sources of water used for consumption at the School and developed a Sampling Plan. A summary of the assessment activities and Sampling Plan is included in Section 2 below. The Sampling Plan was approved by LDH, and Matrix conducted sampling at the School in accordance with the EPA’s 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities. A summary of the sampling event is included in Section 3 below. Upon receipt of the laboratory analytical reports (**Attachment 1**), Matrix reviewed the results and notified LDH and the School within 24 hours of exceedances of the lead action level (15 ppb). Based on the results of the lead sampling and any other issues identified during the assessment or sampling activities, Matrix has developed recommendations and/or remediation guidance for the School as outlined in Sections 5 and 6.

1.3 Facility Information

Richard W. Vincent Elementary, a public school, is located at 1634 Beglis Parkway in Sulphur, Calcasieu Parish, Louisiana. The School is owned and operated by the Calcasieu Parish School Board. The School was built in approximately 1968 with additional buildings added in more recent years. The School consists of 4 buildings and currently serves children from Pre-K to 5th grade. For the purposes this Report, all fixtures accessed by the students were assessed and sampled.

2.0 ASSESSMENT ACTIVITIES AND SAMPLING PLAN

Initial assessment and investigation of the School was performed on June 13, 2025, in accordance with the EPA's 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities. During the assessment, Matrix surveyed the School buildings to identify each potential source of water used for consumption. Based on fixture type, location, and use, Matrix determined which fixtures were appropriate to sample in accordance with the EPA and LDH guidance.

2.1 Initial and On-site Interviews

On June 13, 2025, Matrix staff met with Head Custodian Ceraline Williams. Information gathered during the initial interviews and discussions during the assessment includes the following:

- Rooms 134 and 135 were inaccessible during the assessment. However, School staff reported both rooms contain a classroom sink which is nearly identical to the classroom sink in Room 133.
- The water main enters the campus from the front near Room 107.

2.2 Assessment Findings and Sampling Plan

As a result of the assessment, Matrix identified 61 total fixtures that may be a source of water used for consumption by the students. Matrix did not identify any water coolers banned by EPA at the School. Each fixture was assigned a specific fixture ID using the following method:

(Building) - (Floor) – (Room # or Name) – (Fixture Type and Location)

Facility maps indicating the fixture locations are included in **Appendix A**, and a list of codes and abbreviations used in the fixture and sample IDs is included in **Appendix B**.

After review of the fixture information, Matrix determined some fixtures were duplicates, not applicable to the program, and/or did not pose a risk of consumption. As a result of this evaluation, Matrix concluded 49 fixtures at the School should be sampled.

Matrix submitted the Sampling Plan to LDH on July 29, 2025, and it was approved by LDH on July 30, 2025.

3.0 SAMPLING EVENT

Following LDH's approval of the Sampling Plan, Matrix coordinated with facility representatives to schedule the sampling event. Matrix conducted sampling at the School on August 28, 2025, in accordance with the sampling guidance provided in the EPA's 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities and in guidance from LDH.

3.1 Procedures

Matrix ensured, through scheduling and communication with facility representatives, that the water was unused in the School's pipes/fixtures for a minimum of eight, but not more than eighteen hours prior to initiating sampling. Additionally, Matrix ensured that first-draw samples were collected before the facility opened and before any water was used at the School.

All samples were collected in a 250 milliliter (mL) wide-mouth bottle utilizing a two-step process.

- Step 1- First Draw or Primary Samples (P) - This sample was collected immediately after opening the faucet/valve without allowing any water to go to waste.
- Step 2- Flush Samples (F) - This sample was collected after running (flushing) the water for 30 seconds.

Matrix began the sampling event in the School's kitchen. All first draw and flush samples were collected in the kitchen prior to sampling any other areas of the facility. Following the kitchen samples, Matrix began collecting first draw samples of the other fixtures in the area closest to where the water main enters the facility and working away from that point. After first draw samples were collected, Matrix collected the flush samples utilizing the same pattern.

Matrix noted the time of each sample on the laboratory chain-of-custody forms included in **Attachment 1**. Sample bottles were packaged according to the sampling guidance.

3.2 Summary of Sampling Event

Matrix conducted sampling of the school on August 28, 2025. Matrix collected samples according to the approved Sampling Plan, with the following exceptions:

- At the time of sampling, the bubbler on the bottle filler in the hallway by Room 108, the right water cooler in the hallway by Room 114, and the left water cooler in the hallway by the girls bathroom in Building 4, fixture IDs 1-1-HAL(by108)-BU, 1-1-HAL(by114)-WC(R), and 4-1-HAL(byGbath)-WC(L), were not working and could not be sampled.

Matrix ultimately collected primary and flush samples for 46 fixtures. Each sample was identified using the fixture ID plus "P" or "F" for primary or flush.

(Building) - (Floor) – (Room # or Name) – (Fixture Type and Location) - (Primary/Flush)

A comprehensive list of the fixtures sampled and the sample results is included in Table 4.1. Facility maps indicating the fixture locations are included in **Appendix A**.

3.3 Laboratory Analysis

Samples collected by Matrix were submitted to Waypoint Analytical (Waypoint). Waypoint is certified by the LDH Office of Public Health as a chemical laboratory/drinking water, a laboratory meeting the requirements contained within the laboratory certification regulations (LAC 48:V.Chapter 80). Waypoint analyzed the samples for lead using the EPA Method 200.8 and a Reporting Limit of 0.500 micrograms per liter ($\mu\text{g/L}$).

4.0 SAMPLE RESULTS

Matrix received the final laboratory analytical reports on September 15, 2025. Matrix reviewed the results and notified the School and LDH within 24 hours of receipt of results exceeding the lead action level of 15 parts per billion (ppb) (15 µg/L). A summary of the results is included in Table 4.1 below. Discussions of recommended remediation are in Sections 5.0 and 6.0.

Sample results were reported by the lab in micrograms per liter (µg/L) which is equivalent to parts per billion (ppb).

Samples exceeding the lead action level of 15 ppb (15 µg/L) are shaded red and sample results exceeding the Louisiana program remediation trigger of 10 ppb (10 µg/L) are shaded yellow.

Facility maps indicating the fixture locations are included in **Appendix A**, and a list of codes and abbreviations used in the fixture and sample IDs is included in **Appendix B**.

TABLE 4.1 SAMPLE RESULTS

Fixture ID	Location	Fixture Type	Primary Sample (ppb)	Flush Sample (ppb)
1-1-KIT-KF(3)	Kitchen	Faucet	0.736	0.583
1-1-KIT-PF(S)	Kitchen	Pot Filler/Spray Nozzle	22.9	8.42
1-1-HAL(byCAF)-WC(L)	Hallway (by the Cafeteria)	Water Cooler	0.517	<0.500
1-1-HAL(byCAF)-WC(R)	Hallway (by the Cafeteria)	Water Cooler	0.915	0.611
1-1-Bbath(by105)-BF(L)	Boys Bathroom (by Room 105)	Faucet	0.508	<0.500
1-1-HAL(by108)-BTL	Hallway (by Room 108)	Bottle Filler	<0.500	<0.500
1-1-HAL(by108)-WC	Hallway (by Room 108)	Water Cooler	0.550	0.689
1-1-Gbath(by108)-BF(L)	Girls Bathroom (by Room 108)	Faucet	<0.500	<0.500
1-1-HAL(by117)-WC(L)	Hallway (by Room 117)	Water Cooler	<0.500	0.710
1-1-HAL(by117)-WC(R)	Hallway (by Room 117)	Water Cooler	<0.500	0.705
1-1-Gbath(by118)-BF(L)	Girls Bathroom (by Room 118)	Faucet	2.04	0.641
1-1-NUR-WC	Nurse's Office	Water Cooler	0.688	1.77
1-1-Bbath(by122)-BF(L)	Boys Bathroom (by Room 122)	Faucet	1.24	<0.500
1-1-112-CF	Room 112	Faucet	8.27	0.663
1-1-113-CF	Room 113	Faucet	15.4	1.14

Fixture ID	Location	Fixture Type	Primary Sample (ppb)	Flush Sample (ppb)
1-1-Bbath(by113)-BF	Boys Bathroom (by Room 113)	Faucet	1.26	<0.500
1-1-Gbath(by114)-BF	Girls Bathroom (by Room 114)	Faucet	1.42	<0.500
1-1-114-CF	Room 114	Faucet	12.9	0.903
1-1-HAL(by114)-WC(L)	Hallway (by Room 114)	Water Cooler	<0.500	0.647
1-1-123-CF	Room 123	Faucet	6.06	0.722
1-1-124-CF	Room 124	Faucet	15.1	1.26
1-1-HAL(by124)-WC	Hallway (by Room 124)	Water Cooler	<0.500	<0.500
1-1-TEA-F	Teacher's Workroom	Faucet	1.14	<0.500
1-1-TEA-F(S)	Teacher's Workroom	Faucet/Spray Nozzle	1.05	0.587
1-1-127-CF	Room 127	Faucet	23.1	4.96
1-1-Gbath(by129)-BF(L)	Girls Bathroom (by Room 129)	Faucet	2.77	<0.500
1-1-Bbath(by129)-BF(L)	Boys Bathroom (by Room 129)	Faucet	2.56	0.659
2-1-HAL(by137)-WC(L)	Hallway (by Room 137)	Water Cooler	0.678	0.765
2-1-HAL(by137)-WC(R)	Hallway (by Room 137)	Water Cooler	0.593	0.953
2-1-145-CF	Room 145	Faucet	0.525	<0.500
2-1-144-CF	Room 144	Faucet	0.992	<0.500
2-1-143-CF	Room 143	Faucet	<0.500	0.571
2-1-142-CF	Room 142	Faucet	0.693	<0.500
2-1-141-CF	Room 141	Faucet	0.759	<0.500
2-1-140-CF	Room 140	Faucet	3.44	0.631
2-1-139-CF	Room 139	Faucet	0.954	<0.500
2-1-138-CF	Room 138	Faucet	1.07	<0.500
3-1-133-CF	Room 133	Faucet	6.22	<0.500
3-1-134-CF	Room 134	Faucet	5.05	<0.500
3-1-135-CF	Room 135	Faucet	6.21	<0.500
3-1-HAL(by136)-BTL	Hallway (by Room 136)	Bottle Filler	<0.500	<0.500

Fixture ID	Location	Fixture Type	Primary Sample (ppb)	Flush Sample (ppb)
3-1-HAL(by136)-BU	Hallway (by Room 136)	Bubbler	<0.500	<0.500
3-1-HAL(by136)-WC	Hallway (by Room 136)	Water Cooler	<0.500	<0.500
3-1-136-CF	Room 136	Faucet	0.745	<0.500
4-1-Bbath-BF(L)	Boys Bathroom	Faucet	*	<0.500
4-1-Gbath-BF(L)	Girls Bathroom	Faucet	1.84	<0.500

* The primary sample for the Building 4 Boys Bathroom left bathroom faucet, fixture ID 4-1-Bbath-BF(L), was collected during the sampling event. However, the sample bottle contents leaked out before the lab could process the sample.

5.0 REMEDIATION AND RESAMPLING

One or more of the samples collected from the fixtures listed in Table 5.1 were greater than the lead action level, 15 ppb (15 µg/L). Matrix notified the School and LDH within 24 hours of receipt of the final sample results for these fixtures. Matrix also provided the School with LDH-approved remediation actions for the applicable fixture(s). Specifically, Matrix recommended the fixtures below be immediately removed from service or the School post “Not for Drinking/Cooking” signs until further action could be implemented. **Appendix C** includes photo identification for the fixtures listed in Table 5.1.

TABLE 5.1 Fixtures over the lead action level (15 ppb)

Photo No.	Fixture ID	Primary Sample (ppb)	Flush Sample (ppb)	Recommended Remediation	Follow-Up Sampling ¹
1	1-1-KIT-PF(S) Building 1 Kitchen Pot Filler Spray Nozzle	22.9	8.42	Immediately remove from service until further action is completed:	No
				1. Post “Not for Drinking/Cooking” sign and implement a policy; OR	No
				2. Permanently remove the fixture from service (by physically disconnecting or removing); OR	Yes
				3. Replace faucet with a fixture certified to be lead free; OR	Yes
2	1-1-113-CF Building 1 Room 113 Classroom Sink Faucet	15.4	1.14	4. Install point-of-use (POU) filter which complies with NSF/ANSI Standard 53 for lead reduction.	Yes
				Immediately remove from service until further action is completed:	No
				1. Post “Not for Drinking/Cooking” sign and implement a policy; OR	No
				2. Permanently remove the fixture from service (by physically disconnecting or removing); OR	Yes
				3. Replace faucet with a fixture certified to be lead free; OR	Yes
				4. Install point-of-use (POU) filter which complies with NSF/ANSI Standard 53 for lead reduction.	Yes

Photo No.	Fixture ID	Primary Sample (ppb)	Flush Sample (ppb)	Recommended Remediation	Follow-Up Sampling ¹
3	1-1-124-CF Building 1 Room 124 Classroom Sink Faucet	15.1	1.26	Immediately remove from service until further action is completed:	No
				1. Post "Not for Drinking/Cooking" sign and implement a policy; OR	No
				2. Permanently remove the fixture from service (by physically disconnecting or removing); OR	Yes
				3. Replace faucet with a fixture certified to be lead free; OR	Yes
4	1-1-127-CF Building 1 Room 127 Classroom Sink Faucet	23.1	4.96	4. Install point-of-use (POU) filter which complies with NSF/ANSI Standard 53 for lead reduction.	No
				Immediately remove from service until further action is completed:	No
				1. Post "Not for Drinking/Cooking" sign and implement a policy; OR	No
				2. Permanently remove the fixture from service (by physically disconnecting or removing); OR	Yes
				3. Replace faucet with a fixture certified to be lead free; OR	Yes
				4. Install point-of-use (POU) filter which complies with NSF/ANSI Standard 53 for lead reduction.	Yes

¹ If follow-up sampling (post-remediation) still shows elevated lead levels at a fixture, additional remediation may be necessary.

As a condition of the WIIN Grant Program, each state's lead testing program was required to establish a program remediation trigger. LDH set a trigger of 10 ppb (10 µg/L). Sample results for the fixture listed in Table 5.2 exceeded the program remediation trigger, but did not exceed the lead action level. Table 5.2 contains the recommended remediation for the applicable fixture and an indication if follow-up sampling will be required. **Appendix C** includes photo identification for the fixture listed in Table 5.2.

TABLE 5.2 Fixtures over the program remediation trigger (10 ppb)

Photo No.	Fixture ID	Primary Sample (ppb)	Flush Sample (ppb)	Recommended Remediation	Follow-Up Sampling ¹
5	1-1-114-CF Building 1 Room 114 Classroom Sink Faucet	12.9	0.903	Immediately remove from service until further action is completed:	
				1. Post "Not for Drinking/Cooking" sign and implement a policy; OR	No
				2. Permanently remove fixture from service (by physically disconnecting or removing); OR	No
				3. Implement fixture flushing and aerator cleaning practice and implement a policy; OR	Yes
				4. Replace faucet with a fixture certified to be lead free; OR	Yes
				5. Install point-of-use (POU) filter which complies with NSF/ANSI Standard 53 for lead reduction.	Yes

Note: Includes only fixtures with sample results greater than 10 ppb, but not greater than 15 ppb.

¹ If follow-up sampling (post-remediation) still shows elevated lead levels at a fixture, additional remediation may be necessary.

6.0 OTHER RECOMMENDATIONS

Although not all fixtures sampled at the School are recommended for remediation or follow-up sampling, LDH encourages the facility to implement the practices outlined in the following sections to reduce exposure to elevated lead levels and other environmental hazards (e.g. bacteria).

6.1 Implement Routine Practices

Please be aware that there are many factors that contribute to lead levels in drinking water (i.e., plumbing materials, water temperature, water quality, frequency of water usage and stagnation, etc.). Because of this, lead levels may fluctuate over time. To reduce exposure to elevated lead levels and other drinking water contaminants, it is recommended that schools and child care facilities establish routine practices in accordance with Module 6 of the EPA 3Ts for Reducing Lead in Drinking Water Manual (see “Establishing Routine Practices” beginning on page 48, <https://www.epa.gov/system/files/documents/2024-11/epa-3ts-guidance-document-english-508-compliant.pdf>, or found in **Attachment 2**).

LDH encourages the School to implement the 3Ts Routine Practices for the fixtures listed in Table 6.1 below. These fixtures had a primary and/or flush sample result greater than 5 ppb, but not greater than the lead action level (15 ppb) or the program remediation trigger (10 ppb). **Appendix C** includes photo identification for the fixtures listed in Table 6.1.

TABLE 6.1 Fixtures greater than 5 ppb

Photo No.	Fixture ID	Location	Fixture Type	Primary Sample (ppb)	Flush Sample (ppb)
6	1-1-112-CF	Building 1 Room 112 Classroom Sink	Faucet	8.27	0.663
7	1-1-123-CF	Building 1 Room 123 Classroom Sink	Faucet	6.06	0.722
8	3-1-133-CF	Building 3 Room 133 Classroom Sink	Faucet	6.22	<0.500
9	3-1-134-CF	Building 3 Room 134 Classroom Sink	Faucet	5.05	<0.500
10	3-1-135-CF	Building 3 Room 135 Classroom Sink	Faucet	6.21	<0.500

Note: Includes only fixtures with sample results greater than 5 ppb, but not greater than 10 ppb.

6.2 Facility-Specific Recommendations

- Out-of-Service/Out-of-Use Fixtures**

At the time of assessment and sampling, the fixtures listed in Table 6.2 below were out-of-service. Prior to bringing these fixtures back into service, the School should follow the guidelines outlined in the 3Ts manual, including thoroughly flushing the fixtures.

TABLE 6.2 Out-of-service/Out-of-use Fixtures

Fixture ID	Location	Fixture Type	Fixture Add-Ons	Notes
1-1-HAL(by108)-BU	Hallway (by Room 108)	Bubbler	Filter	Bubbler on bottle filler. Not working at the time of sampling. Elkay ZWSR 1D
1-1-HAL(by114)-WC(R)	Hallway (by Room 114)	Water Cooler	None	Water cooler. Right. Not working at the time of sampling. EBCO PLF8SKTP-101
4-1-HAL(byGbath)-WC(L)	Hallway (by the Girls Bathroom)	Water Cooler	None	High-low water cooler. Left. Not working at the time of sampling. Murdock A0001000-SK5
4-1-HAL(byGbath)-WC(R)	Hallway (by the Girls Bathroom)	Water Cooler	None	High-low water cooler. Right. Not working at the time of sampling. Murdock A0001000-SK5

7.0 CONCLUSIONS

In accordance with EPA's 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities and under the direction of the Louisiana Department of Health, Matrix assessed and sampled the sources of drinking water used for consumption by the students at the School in order to determine the concentration of lead in drinking water. The School did not contain any banned fixtures, but some fixtures were out of service during the sampling activities.

Matrix collected 92 water samples from 46 fixtures at the School which were analyzed according to sampling guidelines. The School had several fixtures that exceeded the lead action level (15 ppb) and one fixture that exceeded the Louisiana program remediation trigger (10 ppb). LDH recommends the fixtures be immediately removed from service until further remediation can be completed (see Tables 5.1 and 5.2 for additional information).

Additionally, given the physical and behavioral effects of lead and the vulnerability of young children to lead, LDH also recommends the School implement routine practices as outlined in Module 6 of the 3Ts manual. The School should also follow the recommendations for out-of-service/out-of-use fixtures as outlined in Section 6.2 of this Report.

Through voluntary participation in the WIIN Grant Lead Testing Program, the School should now have a better understanding of the potential presence and concentration of lead in drinking water. The recommendations and resources included in this report provide the tools needed to take action and implement practices to reduce lead exposure through drinking water.

8.0 ADDITIONAL INFORMATION AND RESOURCES

The following links contain additional information and resources regarding lead in drinking water:

- EPA's 3Ts for Reducing Lead in Drinking Water <https://www.epa.gov/ground-water-and-drinking-water/3ts-reducing-lead-drinking-water>
- The 3Ts Revised Manual <https://www.epa.gov/system/files/documents/2024-11/epa-3ts-guidance-document-english-508-compliant.pdf>
- Learn About Lead <https://www.epa.gov/lead/learn-about-lead>
- Childhood Lead Poisoning Prevention Program <https://www.cdc.gov/nceh/lead/>
- Basic Information about Lead in Drinking Water <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>
- Lead in Drinking Water https://www.cdc.gov/lead-prevention/prevention/drinking-water.html?CDC_AAref_Val=https://www.cdc.gov/nceh/lead/prevention/sources/water.htm

9.0 SIGNATURES



September 19, 2025

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Date



September 19, 2025

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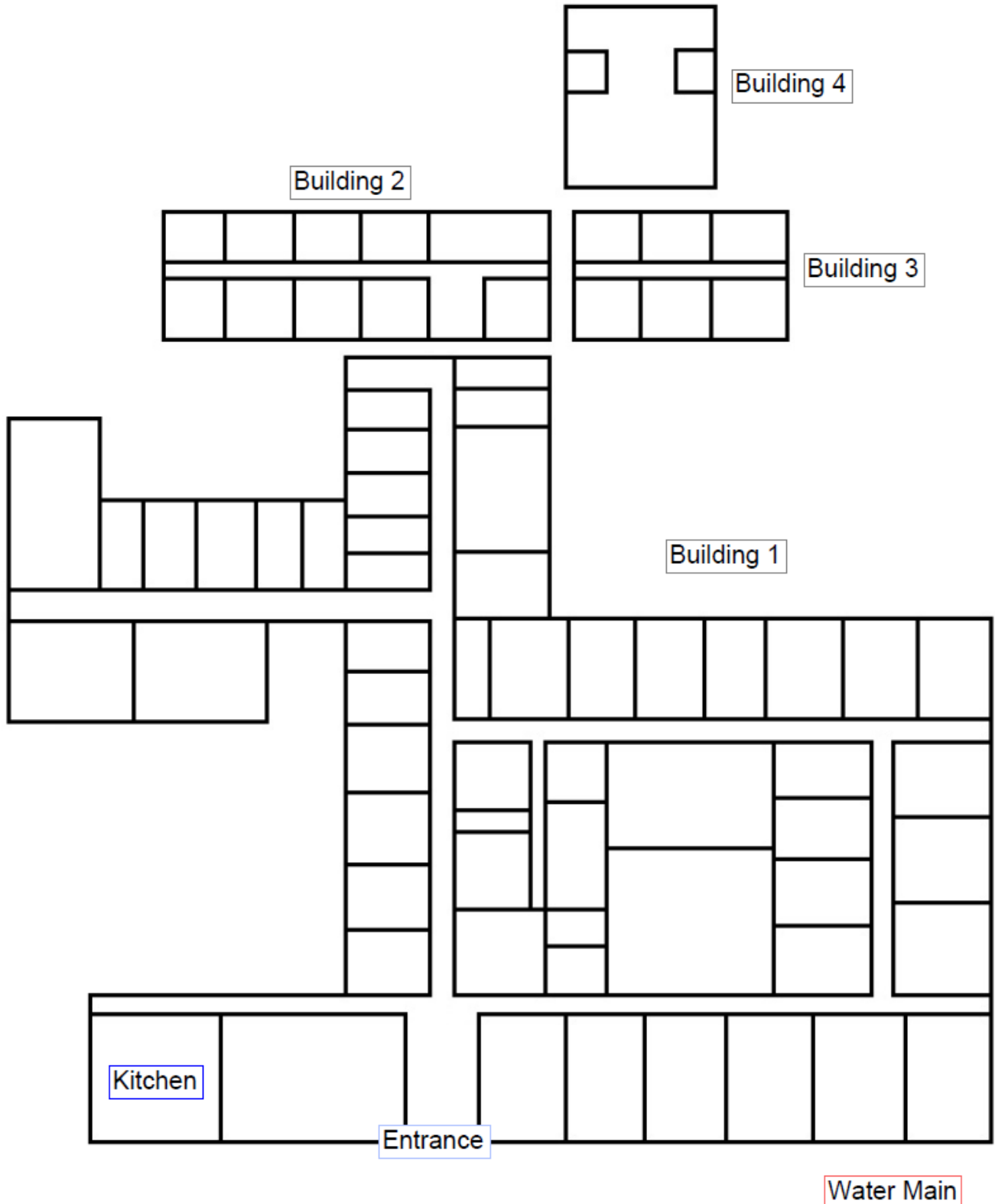
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APPENDIX A

FACILITY MAPS

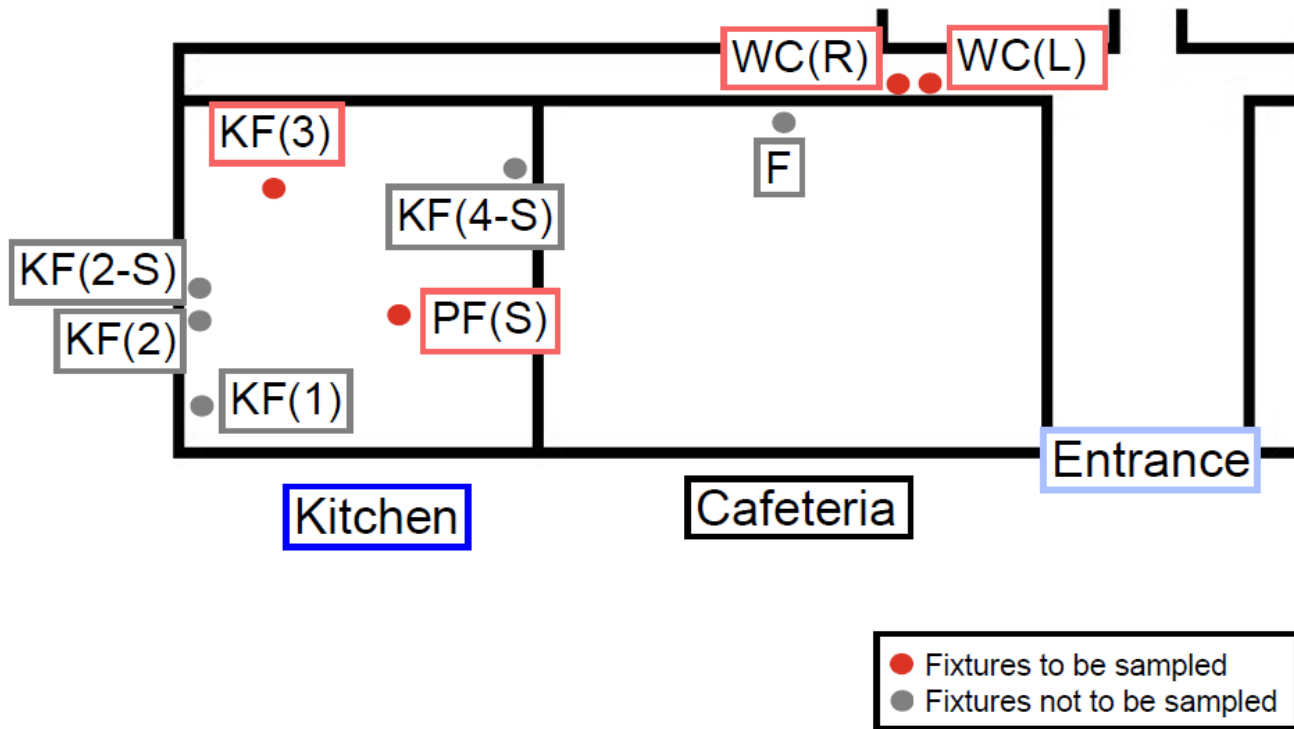
Map 1 of 5

School Layout



Map 2 of 5

Building 1- Kitchen and Cafeteria

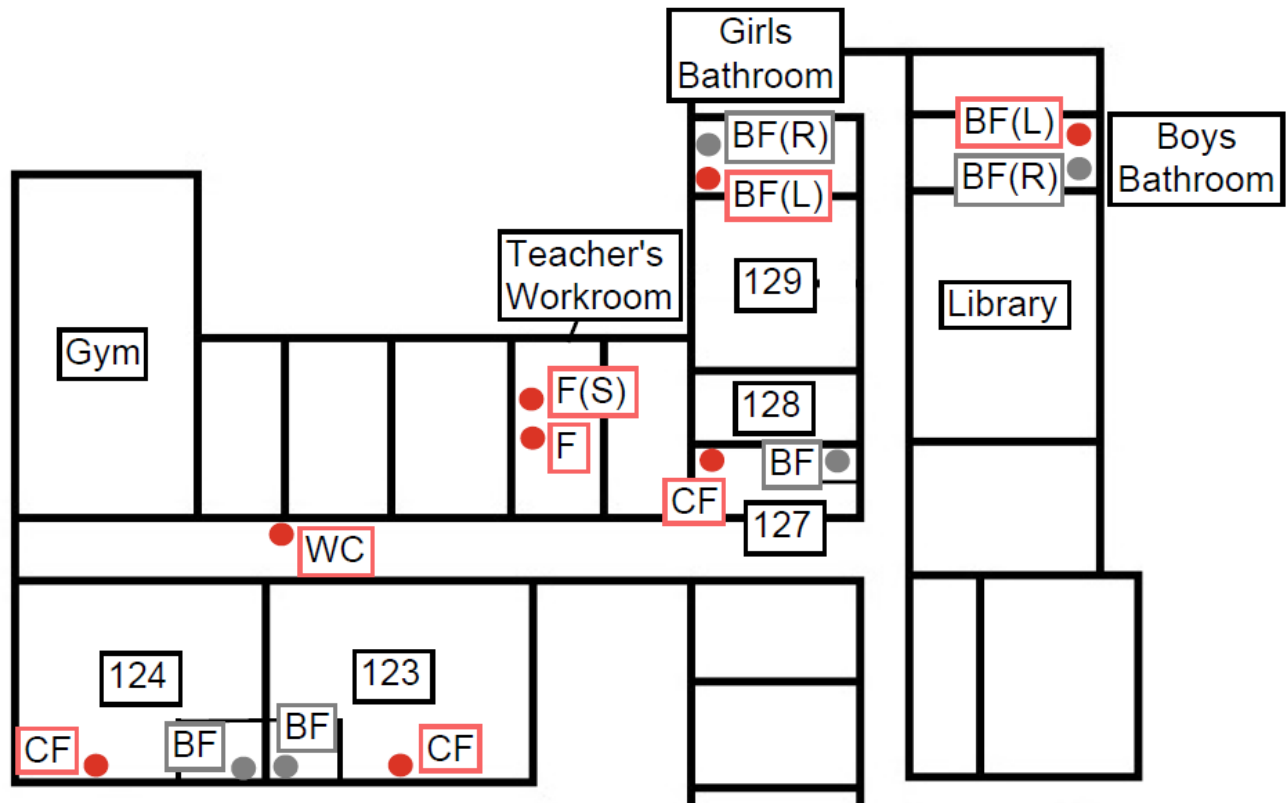


Building 1- Center Area



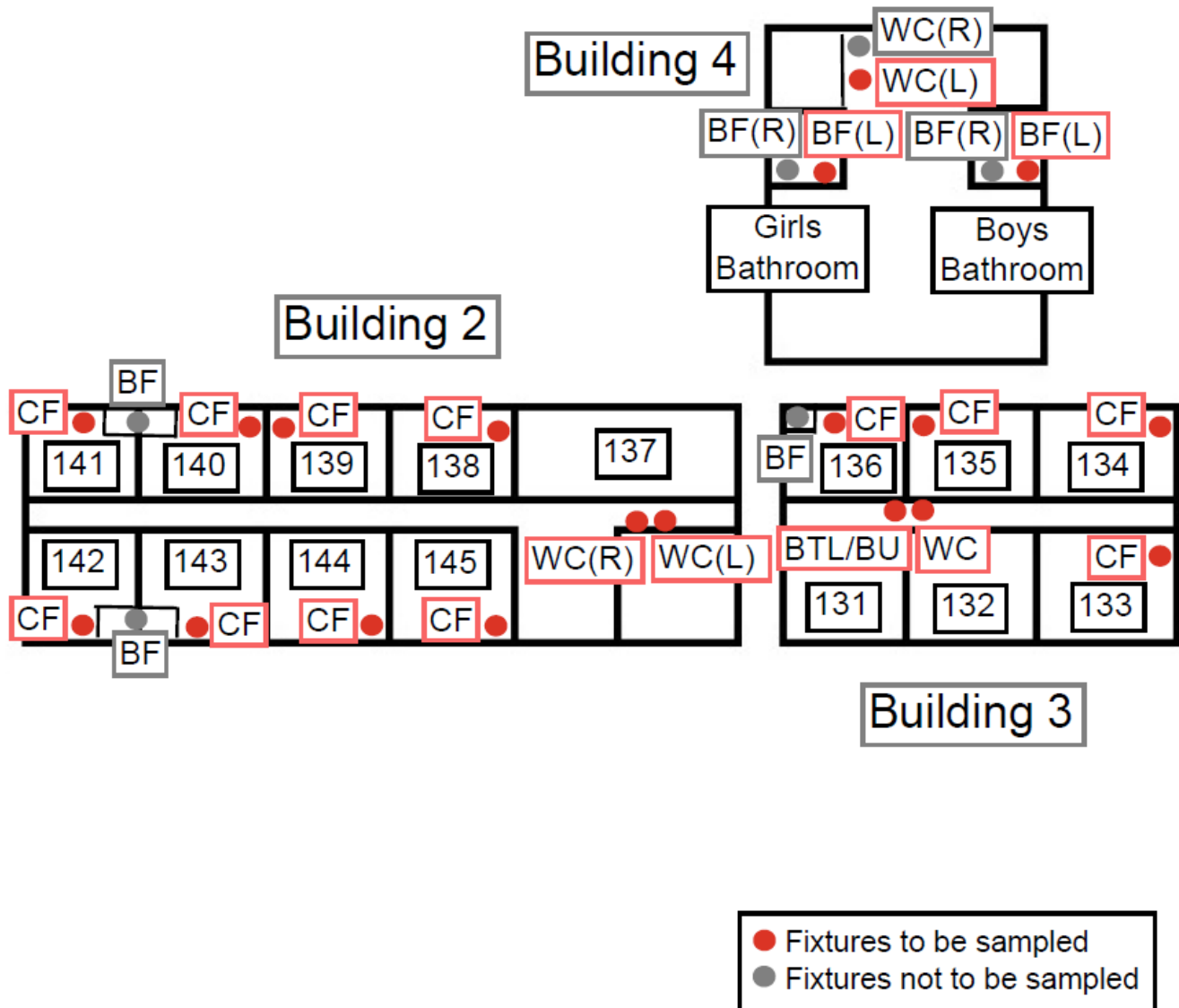
Map 4 of 5

Building 1- Top Area



Map 5 of 5

Buildings 2, 3, and 4



APPENDIX B

ID CODES AND ABBREVIATIONS

Fixture ID Naming

(Building) – (Floor) – (Room# or Name) – (Fixture Type and location) – (Primary or Flush)

Room Name Codes

Kitchen	KIT	Hallway	HAL
Bathroom	BATH	Office	OFF
Cafeteria	CAF	Exterior	EXT
Locker room	LR	Teacher's Lounge	TEA
Gymnasium	GYM	Entryway	ENT
Nurse or Nursery	NUR	Concessions	CON
Library	LIB		

Fixture Type Codes

Water Cooler Fountain	WC	Bubbler	BU
Faucet (not listed otherwise)	F	Sink Bubbler	SB
Classroom Faucet (sink)	CF	Kitchen Faucet (sink)	KF
Bathroom Faucet (sink)	BF	Nurse's Office Faucet/Sink	NF
Janitor Closet Faucet/Sink	JF	Kitchen Pot Filler	PF
Trough Faucet	TF	Shower Head	SH
Ice Machine	IM	Bottle Filler	BTL
Water Dispenser	WD	Portable Sink	PS
Sprayer/Spray Nozzle	S		

Fixture Location

Left	L	Middle Left	ML
Right	R	Middle Right	MR
Middle	M		

Primary or Flush

Primary- The first water to exit the fixture to fill the first sample bottle	P
Flush- Sample following the 30 second flush	F

APPENDIX C

FIXTURE IDENTIFICATION PHOTOS



Photo 1

Fixture ID: 1-1-KIT-PF(S)
Fixture Type: Pot Filler/Spray Nozzle
Recommendation: See Table 5.1



Photo 2

Fixture ID: 1-1-113-CF
Fixture Type: Faucet
Recommendation: See Table 5.1



Photo 3

Fixture ID: 1-1-124-CF
Fixture Type: Faucet
Recommendation: See Table 5.1

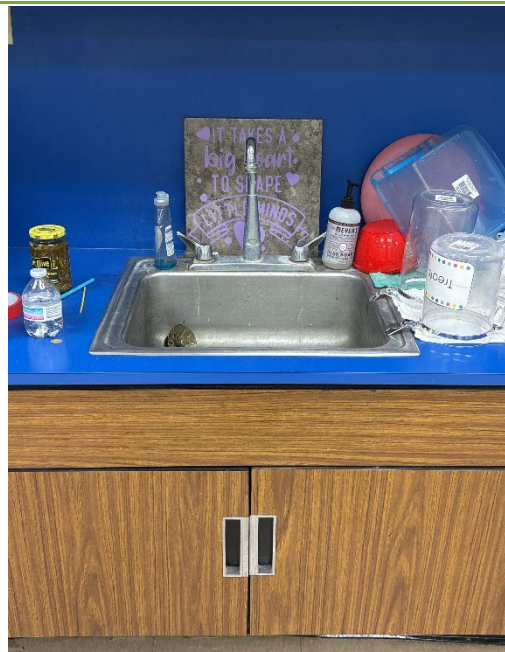


Photo 4

Fixture ID: 1-1-127-CF
Fixture Type: Faucet
Recommendation: See Table 5.1



Photo 5

Fixture ID: 1-1-114-CF

Fixture Type: Faucet

Recommendation: See Table 5.2

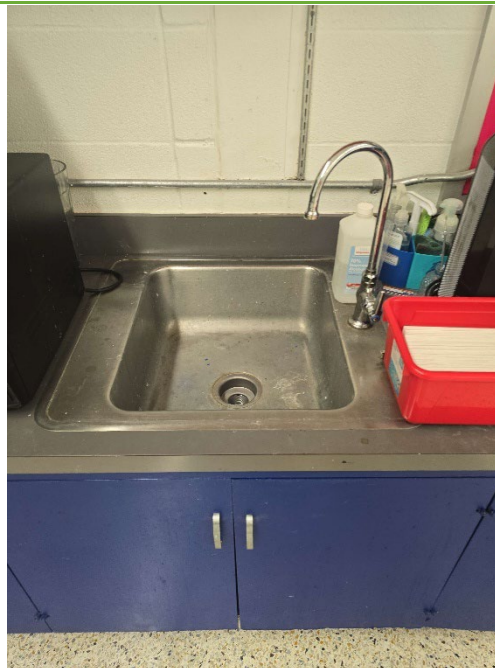


Photo 6

Fixture ID: 1-1-112-CF

Fixture Type: Faucet

Recommendation: Implement the 3Ts



Photo 7

Fixture ID: 1-1-123-CF

Fixture Type: Faucet

Recommendation: Implement the 3Ts



Photo 8

Fixture ID: 3-1-133-CF

Fixture Type: Faucet

Recommendation: Implement the 3Ts



Photo 9

Fixture ID: 3-1-134-CF

Fixture Type: Faucet

Recommendation: Implement the 3Ts

***Unable to view fixture.**



Photo 10

Fixture ID: 3-1-135-CF

Fixture Type: Faucet

Recommendation: Implement the 3Ts

***Unable to view fixture.**

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ATTACHMENT 1

ANALYTICAL LABORATORY REPORTS



9/15/2025

Matrix New World Engineering
Ms. Dawn Brown
6717 Complex Drive
Baton Rouge, LA, 70809

Ref: Report Number: 25-245-0003
Project Description: Richard W. Vincent Elementary

Dear Ms. Dawn Brown:

Waypoint Analytical Louisiana, Inc. received sample(s) on 9/2/2025 for the analyses presented in the following report. The above referenced project has been analyzed per your instructions. Unless otherwise noted, the analyses were performed in our laboratory in accordance with Standard Methods, The Solid Waste Manual SW-846, EPA Methods for Chemical Analysis of Water and Wastes and /or 40 CFR part 136.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance. Analyses reported which indicate "Field" for these parameters were analyzed by the client in the field. Results for solid samples are reported on an as received or "wet weight" basis unless otherwise specified.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

All quality control measures undertaken in accordance with Waypoint Analytical Louisiana, Inc. CompQAP990807A and revisions under the terms of the Louisiana Environmental Laboratory Accreditation Program (Certificate #02041) are within acceptance ranges established in that document with the exception of the items indicated and/or discussed in a Case Narrative.

The results are shown on the attached analysis sheet(s). Be aware that the time analyzed for certain samples (e.g. - BOD, CBOD, etc.) refer to the time the sample batch was begun and not necessarily to the time an individual sample was begun. Thank you for allowing Waypoint Analytical Louisiana, Inc. to serve you. Should I be of further assistance, if you have any questions or need additional information please contact me or client services.

Sincerely,

Amy Jackson
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis. This report may be reproduced in full only with the written permission of the laboratory and/or the entity to which it is addressed. Results contained herein relate only to the sample(s) submitted to the laboratory.



Certification Summary

Laboratory ID: WP MLA: Waypoint Analytical Louisiana, Inc., Marrero, LA

State	Program	Lab ID	Expiration Date
Georgia	State Program	02041	06/30/2026
Louisiana	State Program - NELAP	02041	06/30/2026

Laboratory ID: WP MTN: Waypoint Analytical, LLC. (Memphis), Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	11/04/2025
Arkansas	State Program	88-00650	02/06/2026
California	State Program	2904	06/30/2026
Florida	State Program - NELAP	E871157	06/30/2026
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2025
Illinois	State Program - NELAP	200078	10/31/2026
Kentucky	State Program	KY90047	12/31/2025
Kentucky	State Program	80215	06/30/2026
Kentucky	State Program	KY90047	12/31/2025
Louisiana	State Program - NELAP	LA037	12/31/2025
Louisiana	State Program - NELAP	04015	06/30/2026
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2026
North Carolina	State Program	415	12/31/2025
Oklahoma	State Program - NELAP	9311	12/31/2025
Pennsylvania	State Program - NELAP	68-03195	05/31/2026
South Carolina	State Program	84002	06/30/2025
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2025
Virginia	State Program	00106	06/30/2026
Virginia	State Program - NELAP	460181	09/14/2026

Sample Summary Table

Report Number: 25-245-0003

Client Project Description: Richard W. Vincent Elementary

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
70311	1-1-KIT-KF(3)-P	Aqueous	08/28/2025 06:10	09/02/2025	EPA-200.8 (DW)	WP MTN
70312	1-1-KIT-PF(S)-P	Aqueous	08/28/2025 06:11	09/02/2025	EPA-200.8 (DW)	WP MTN
70313	1-1-HAL(byCAF)-WC(L)-P	Aqueous	08/28/2025 06:14	09/02/2025	EPA-200.8 (DW)	WP MTN
70314	1-1-HAL(byCAF)-WC(R)-P	Aqueous	08/28/2025 06:14	09/02/2025	EPA-200.8 (DW)	WP MTN
70315	1-1-Bbath(by105)-BF(L)-P	Aqueous	08/28/2025 06:17	09/02/2025	EPA-200.8 (DW)	WP MTN
70316	1-1-HAL(by108)-BTL-P	Aqueous	08/28/2025 06:20	09/02/2025	EPA-200.8 (DW)	WP MTN
70317	1-1-HAL(by108)-WC-P	Aqueous	08/28/2025 06:21	09/02/2025	EPA-200.8 (DW)	WP MTN
70318	1-1-Gbath(by108)-BF(L)-P	Aqueous	08/28/2025 06:23	09/02/2025	EPA-200.8 (DW)	WP MTN
70319	1-1-HAL(by117)-WC(L)-P	Aqueous	08/28/2025 06:24	09/02/2025	EPA-200.8 (DW)	WP MTN
70320	1-1-HAL(by117)-WC(R)-P	Aqueous	08/28/2025 06:24	09/02/2025	EPA-200.8 (DW)	WP MTN
70321	1-1-Gbath(by118)-BF(L)-P	Aqueous	08/28/2025 06:27	09/02/2025	EPA-200.8 (DW)	WP MTN
70322	1-1-NUR-WC-P	Aqueous	08/28/2025 06:30	09/02/2025	EPA-200.8 (DW)	WP MTN
70323	1-1-Bbath(by122)-BF(L)-P	Aqueous	08/28/2025 06:32	09/02/2025	EPA-200.8 (DW)	WP MTN
70324	1-1-112-CF-P	Aqueous	08/28/2025 06:34	09/02/2025	EPA-200.8 (DW)	WP MTN
70325	1-1-113-CF-P	Aqueous	08/28/2025 06:35	09/02/2025	EPA-200.8 (DW)	WP MTN
70326	1-1-Bbath(by113)-BF-P	Aqueous	08/28/2025 06:36	09/02/2025	EPA-200.8 (DW)	WP MTN
70327	1-1-Gbath(by114)-BF-P	Aqueous	08/28/2025 06:37	09/02/2025	EPA-200.8 (DW)	WP MTN
70328	1-1-114-CF-P	Aqueous	08/28/2025 06:38	09/02/2025	EPA-200.8 (DW)	WP MTN
70329	1-1-HAL(by114)-WC(L)-P	Aqueous	08/28/2025 06:39	09/02/2025	EPA-200.8 (DW)	WP MTN
70330	1-1-123-CF-P	Aqueous	08/28/2025 06:24	09/02/2025	EPA-200.8 (DW)	WP MTN
70331	1-1-124-CF-P	Aqueous	08/28/2025 06:25	09/02/2025	EPA-200.8 (DW)	WP MTN
70332	1-1-HAL(by124)-WC-P	Aqueous	08/28/2025 06:26	09/02/2025	EPA-200.8 (DW)	WP MTN
70333	1-1-TEA-F-P	Aqueous	08/28/2025 06:27	09/02/2025	EPA-200.8 (DW)	WP MTN
70334	1-1-TEA-F(S)-P	Aqueous	08/28/2025 06:27	09/02/2025	EPA-200.8 (DW)	WP MTN
70335	1-1-127-CF-P	Aqueous	08/28/2025 06:30	09/02/2025	EPA-200.8 (DW)	WP MTN
70336	1-1-Gbath(by129)-BF(L)-P	Aqueous	08/28/2025 06:32	09/02/2025	EPA-200.8 (DW)	WP MTN
70337	1-1-Bbath(by129)-BF(L)-P	Aqueous	08/28/2025 06:34	09/02/2025	EPA-200.8 (DW)	WP MTN

Sample Summary Table

Report Number: 25-245-0003

Client Project Description: Richard W. Vincent Elementary

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
70338	2-1-HAL(by137)-WC(L)-P	Aqueous	08/28/2025 06:36	09/02/2025	EPA-200.8 (DW)	WP MTN
70339	2-1-HAL(by137)-WC(R)-P	Aqueous	08/28/2025 06:36	09/02/2025	EPA-200.8 (DW)	WP MTN
70340	2-1-145-CF-P	Aqueous	08/28/2025 06:40	09/02/2025	EPA-200.8 (DW)	WP MTN
70341	2-1-144-CF-P	Aqueous	08/28/2025 06:42	09/02/2025	EPA-200.8 (DW)	WP MTN
70342	2-1-143-CF-P	Aqueous	08/28/2025 06:44	09/02/2025	EPA-200.8 (DW)	WP MTN
70343	2-1-142-CF-P	Aqueous	08/28/2025 06:45	09/02/2025	EPA-200.8 (DW)	WP MTN
70344	2-1-141-CF-P	Aqueous	08/28/2025 06:48	09/02/2025	EPA-200.8 (DW)	WP MTN
70345	2-1-140-CF-P	Aqueous	08/28/2025 06:50	09/02/2025	EPA-200.8 (DW)	WP MTN
70346	2-1-139-CF-P	Aqueous	08/28/2025 06:52	09/02/2025	EPA-200.8 (DW)	WP MTN
70347	2-1-138-CF-P	Aqueous	08/28/2025 06:54	09/02/2025	EPA-200.8 (DW)	WP MTN
70348	3-1-133-CF-P	Aqueous	08/28/2025 06:56	09/02/2025	EPA-200.8 (DW)	WP MTN
70349	3-1-134-CF-P	Aqueous	08/28/2025 06:58	09/02/2025	EPA-200.8 (DW)	WP MTN
70350	3-1-135-CF-P	Aqueous	08/28/2025 07:00	09/02/2025	EPA-200.8 (DW)	WP MTN
70351	3-1-HAL(by136)-BTL-P	Aqueous	08/28/2025 07:02	09/02/2025	EPA-200.8 (DW)	WP MTN
70352	3-1-HAL(by136)-BU-P	Aqueous	08/28/2025 07:02	09/02/2025	EPA-200.8 (DW)	WP MTN
70353	3-1-HAL(by136)-WC-P	Aqueous	08/28/2025 07:04	09/02/2025	EPA-200.8 (DW)	WP MTN
70354	3-1-136-CF-P	Aqueous	08/28/2025 07:06	09/02/2025	EPA-200.8 (DW)	WP MTN
70356	4-1-Gbath-BF(L)-P	Aqueous	08/28/2025 07:12	09/02/2025	EPA-200.8 (DW)	WP MTN

Summary of Detected Analytes

Project: Richard W. Vincent Elementary

Report Number: 25-245-0003

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1-1-KIT-KF(3)-P	A 70311					
EPA-200.8 (DW)	Lead	0.736	µg/L	0.500	09/12/2025 12:26	
1-1-KIT-PF(S)-P	A 70312					
EPA-200.8 (DW)	Lead	22.9	µg/L	0.500	09/12/2025 12:28	
1-1-HAL(byCAF)-WC(L)-	A 70313					
EPA-200.8 (DW)	Lead	0.517	µg/L	0.500	09/12/2025 12:30	
1-1-HAL(byCAF)-WC(R)-	A 70314					
EPA-200.8 (DW)	Lead	0.915	µg/L	0.500	09/12/2025 12:32	
1-1-Bbath(by105)-BF(L)-	A 70315					
EPA-200.8 (DW)	Lead	0.508	µg/L	0.500	09/12/2025 12:34	
1-1-HAL(by108)-WC-P	A 70317					
EPA-200.8 (DW)	Lead	0.550	µg/L	0.500	09/12/2025 12:42	
1-1-Gbath(by118)-BF(L)	A 70321					
EPA-200.8 (DW)	Lead	2.04	µg/L	0.500	09/12/2025 12:50	
1-1-NUR-WC-P	A 70322					
EPA-200.8 (DW)	Lead	0.688	µg/L	0.500	09/12/2025 12:51	
1-1-Bbath(by122)-BF(L)	A 70323					
EPA-200.8 (DW)	Lead	1.24	µg/L	0.500	09/12/2025 12:53	
1-1-112-CF-P	A 70324					
EPA-200.8 (DW)	Lead	8.27	µg/L	0.500	09/12/2025 12:55	
1-1-113-CF-P	A 70325					
EPA-200.8 (DW)	Lead	15.4	µg/L	0.500	09/12/2025 12:57	
1-1-Bbath(by113)-BF-P	A 70326					
EPA-200.8 (DW)	Lead	1.26	µg/L	0.500	09/12/2025 12:59	
1-1-Gbath(by114)-BF-P	A 70327					
EPA-200.8 (DW)	Lead	1.42	µg/L	0.500	09/12/2025 13:05	
1-1-114-CF-P	A 70328					
EPA-200.8 (DW)	Lead	12.9	µg/L	0.500	09/12/2025 13:07	

Summary of Detected Analytes

Project: Richard W. Vincent Elementary

Report Number: 25-245-0003

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1-1-123-CF-P	A 70330					
EPA-200.8 (DW)	Lead	6.06	µg/L	0.500	09/12/2025 13:11	
1-1-124-CF-P	A 70331					
EPA-200.8 (DW)	Lead	15.1	µg/L	0.500	09/12/2025 13:21	
1-1-TEA-F-P	A 70333					
EPA-200.8 (DW)	Lead	1.14	µg/L	0.500	09/12/2025 13:29	
1-1-TEA-F(S)-P	A 70334					
EPA-200.8 (DW)	Lead	1.05	µg/L	0.500	09/12/2025 13:31	
1-1-127-CF-P	A 70335					
EPA-200.8 (DW)	Lead	23.1	µg/L	0.500	09/12/2025 13:33	
1-1-Gbath(by129)-BF(L)	A 70336					
EPA-200.8 (DW)	Lead	2.77	µg/L	0.500	09/12/2025 13:35	
1-1-Bbath(by129)-BF(L)	A 70337					
EPA-200.8 (DW)	Lead	2.56	µg/L	0.500	09/12/2025 13:37	
2-1-HAL(by137)-WC(L)-	A 70338					
EPA-200.8 (DW)	Lead	0.678	µg/L	0.500	09/12/2025 13:39	
2-1-HAL(by137)-WC(R)-	A 70339					
EPA-200.8 (DW)	Lead	0.593	µg/L	0.500	09/12/2025 13:41	
2-1-145-CF-P	A 70340					
EPA-200.8 (DW)	Lead	0.525	µg/L	0.500	09/12/2025 13:42	
2-1-144-CF-P	A 70341					
EPA-200.8 (DW)	Lead	0.992	µg/L	0.500	09/12/2025 13:44	
2-1-142-CF-P	A 70343					
EPA-200.8 (DW)	Lead	0.693	µg/L	0.500	09/12/2025 13:52	
2-1-141-CF-P	A 70344					
EPA-200.8 (DW)	Lead	0.759	µg/L	0.500	09/12/2025 13:54	
2-1-140-CF-P	A 70345					
EPA-200.8 (DW)	Lead	3.44	µg/L	0.500	09/12/2025 13:56	

Summary of Detected Analytes

Project: Richard W. Vincent Elementary

Report Number: 25-245-0003

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2-1-139-CF-P	A 70346					
EPA-200.8 (DW)	Lead	0.954	µg/L	0.500	09/12/2025 13:58	
2-1-138-CF-P	A 70347					
EPA-200.8 (DW)	Lead	1.07	µg/L	0.500	09/12/2025 14:00	
3-1-133-CF-P	A 70348					
EPA-200.8 (DW)	Lead	6.22	µg/L	0.500	09/12/2025 14:02	
3-1-134-CF-P	A 70349					
EPA-200.8 (DW)	Lead	5.05	µg/L	0.500	09/12/2025 14:04	
3-1-135-CF-P	A 70350					
EPA-200.8 (DW)	Lead	6.21	µg/L	0.500	09/12/2025 14:06	
3-1-136-CF-P	A 70354					
EPA-200.8 (DW)	Lead	0.745	µg/L	0.500	09/12/2025 14:26	
4-1-Gbath-BF(L)-P	A 70356					
EPA-200.8 (DW)	Lead	1.84	µg/L	0.500	09/12/2025 14:28	

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-KIT-KF(3)-P

Date Collected 08/28/2025 06:10 **WPA Lab No** 70311
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:26:30	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.736	0.500	µg/L

1-1-KIT-PF(S)-P

Date Collected 08/28/2025 06:11 **WPA Lab No** 70312
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:28:27	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	22.9	0.500	µg/L

1-1-HAL(byCAF)-WC(L)-P

Date Collected 08/28/2025 06:14 **WPA Lab No** 70313
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:30:24	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.517	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-HAL(byCAF)-WC(R)-P

Date Collected 08/28/2025 06:14 **WPA Lab No** 70314
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:32:22	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.915	0.500	µg/L

1-1-Bbath(by105)-BF(L)-P

Date Collected 08/28/2025 06:17 **WPA Lab No** 70315
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:34:20	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.508	0.500	µg/L

1-1-HAL(by108)-BTL-P

Date Collected 08/28/2025 06:20 **WPA Lab No** 70316
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:36:18	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-HAL(by108)-WC-P

Date Collected 08/28/2025 06:21 **WPA Lab No** 70317
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:42:13	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.550	0.500	µg/L

1-1-Gbath(by108)-BF(L)-P

Date Collected 08/28/2025 06:23 **WPA Lab No** 70318
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:44:10	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-HAL(by117)-WC(L)-P

Date Collected 08/28/2025 06:24 **WPA Lab No** 70319
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:46:07	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-HAL(by117)-WC(R)-P

Date Collected 08/28/2025 06:24 **WPA Lab No** 70320
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:48:04	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-Gbath(by118)-BF(L)-P

Date Collected 08/28/2025 06:27 **WPA Lab No** 70321
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:50:01	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	2.04	0.500	µg/L

1-1-NUR-WC-P

Date Collected 08/28/2025 06:30 **WPA Lab No** 70322
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:51:58	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.688	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-Bbath(by122)-BF(L)-P

Date Collected 08/28/2025 06:32 **WPA Lab No** 70323
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:53:56	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.24	0.500	µg/L

1-1-112-CF-P

Date Collected 08/28/2025 06:34 **WPA Lab No** 70324
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:55:54	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	8.27	0.500	µg/L

1-1-113-CF-P

Date Collected 08/28/2025 06:35 **WPA Lab No** 70325
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:57:52	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	15.4	0.500	µg/L

Qualifiers/Definitions	J	Estimated value	MDL	Method Detection Limit
	MQL	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-Bbath(by113)-BF-P

Date Collected 08/28/2025 06:36 **WPA Lab No** 70326
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 12:59:50	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.26	0.500	µg/L

1-1-Gbath(by114)-BF-P

Date Collected 08/28/2025 06:37 **WPA Lab No** 70327
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 13:05:45	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.42	0.500	µg/L

1-1-114-CF-P

Date Collected 08/28/2025 06:38 **WPA Lab No** 70328
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 13:07:42	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	12.9	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-HAL(by114)-WC(L)-P

Date Collected 08/28/2025 06:39 **WPA Lab No** 70329
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 13:09:39	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-123-CF-P

Date Collected 08/28/2025 06:24 **WPA Lab No** 70330
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838830	EPA-200.8	50 mL	1	9/12/2025 13:11:36	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	6.06	0.500	µg/L

1-1-124-CF-P

Date Collected 08/28/2025 06:25 **WPA Lab No** 70331
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:21:23	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	15.1	0.500	µg/L

Qualifiers/ Definitions	J	Estimated value	MDL	Method Detection Limit
	MQL	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-HAL(by124)-WC-P

Date Collected 08/28/2025 06:26 **WPA Lab No** 70332
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:23:22	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-TEA-F-P

Date Collected 08/28/2025 06:27 **WPA Lab No** 70333
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:29:16	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.14	0.500	µg/L

1-1-TEA-F(S)-P

Date Collected 08/28/2025 06:27 **WPA Lab No** 70334
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:31:14	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.05	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

1-1-127-CF-P

Date Collected 08/28/2025 06:30 **WPA Lab No** 70335
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:33:11	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	23.1	0.500	µg/L

1-1-Gbath(by129)-BF(L)-P

Date Collected 08/28/2025 06:32 **WPA Lab No** 70336
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:35:08	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	2.77	0.500	µg/L

1-1-Bbath(by129)-BF(L)-P

Date Collected 08/28/2025 06:34 **WPA Lab No** 70337
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:37:05	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	2.56	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

2-1-HAL(by137)-WC(L)-P

Date Collected 08/28/2025 06:36 **WPA Lab No** 70338
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:39:02	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.678	0.500	µg/L

2-1-HAL(by137)-WC(R)-P

Date Collected 08/28/2025 06:36 **WPA Lab No** 70339
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:41:00	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.593	0.500	µg/L

2-1-145-CF-P

Date Collected 08/28/2025 06:40 **WPA Lab No** 70340
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:42:57	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.525	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

2-1-144-CF-P

Date Collected 08/28/2025 06:42 **WPA Lab No** 70341
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:44:55	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.992	0.500	µg/L

2-1-143-CF-P

Date Collected 08/28/2025 06:44 **WPA Lab No** 70342
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:46:53	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

2-1-142-CF-P

Date Collected 08/28/2025 06:45 **WPA Lab No** 70343
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:52:49	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.693	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

2-1-141-CF-P

Date Collected 08/28/2025 06:48 **WPA Lab No** 70344
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:54:46	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.759	0.500	µg/L

2-1-140-CF-P

Date Collected 08/28/2025 06:50 **WPA Lab No** 70345
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:56:43	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	3.44	0.500	µg/L

2-1-139-CF-P

Date Collected 08/28/2025 06:52 **WPA Lab No** 70346
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 13:58:41	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.954	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

2-1-138-CF-P

Date Collected 08/28/2025 06:54 **WPA Lab No** 70347
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 14:00:38	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.07	0.500	µg/L

3-1-133-CF-P

Date Collected 08/28/2025 06:56 **WPA Lab No** 70348
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 14:02:35	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	6.22	0.500	µg/L

3-1-134-CF-P

Date Collected 08/28/2025 06:58 **WPA Lab No** 70349
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 14:04:33	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	5.05	0.500	µg/L

Qualifiers/Definitions	J	Estimated value	MDL	Method Detection Limit
	MQL	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

3-1-135-CF-P

Date Collected 08/28/2025 07:00 **WPA Lab No** 70350
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838831	EPA-200.8	50 mL	1	9/12/2025 14:06:31	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	6.21	0.500	µg/L

3-1-HAL(by136)-BTL-P

Date Collected 08/28/2025 07:02 **WPA Lab No** 70351
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:20:17	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

3-1-HAL(by136)-BU-P

Date Collected 08/28/2025 07:02 **WPA Lab No** 70352
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:22:14	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/Definitions	J	Estimated value	MDL	Method Detection Limit
	MQL	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0003
Report Date: 9/15/2025

Sample Results

3-1-HAL(by136)-WC-P

Date Collected 08/28/2025 07:04 **WPA Lab No** 70353
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:24:12	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

3-1-136-CF-P

Date Collected 08/28/2025 07:06 **WPA Lab No** 70354
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:26:10	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.745	0.500	µg/L

4-1-Gbath-BF(L)-P

Date Collected 08/28/2025 07:12 **WPA Lab No** 70356
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:28:07	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.84	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Quality Control Data

Client ID: Matrix New World Engineering
Project Description: Richard W. Vincent Elementary
Report No: 25-245-0003

QC Prep: L838830 **QC Analytical Batch(es):** L839144
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L838830 Matrix: AQU
Associated Lab Samples: 70311, 70312, 70313, 70314, 70315, 70316, 70317, 70318, 70319, 70320, 70321, 70322, 70323, 70324, 70325, 70326, 70327, 70328, 70329, 70330

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	09/12/25 12:14

Laboratory Control Sample LCS-L838830

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	46.8	94.0	85-115

Matrix Spike & Matrix Spike Duplicate A 70330-MS-L838830 A 70330-MSD-L838830

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Lead	µg/L	6.06	50.5	50.5	58.2	58.5	103	104	70-130	0.5	20.0

Quality Control Data

Client ID: Matrix New World Engineering
Project Description: Richard W. Vincent Elementary
Report No: 25-245-0003

QC Prep: L838831 **QC Analytical Batch(es):** L839144
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L838831 Matrix: AQU
Associated Lab Samples: 70331, 70332, 70333, 70334, 70335, 70336, 70337, 70338, 70339, 70340, 70341, 70342, 70343, 70344, 70345, 70346, 70347, 70348, 70349, 70350

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	09/12/25 13:01

Laboratory Control Sample LCS-L838831

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	46.9	94.0	85-115

Matrix Spike & Matrix Spike Duplicate A 70350-MS-L838831 A 70350-MSD-L838831

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Lead	µg/L	6.21	50.5	50.5	55.8	57.9	98.0	102	70-130	3.6	20.0

Quality Control Data

Client ID: Matrix New World Engineering
Project Description: Richard W. Vincent Elementary
Report No: 25-245-0003

QC Prep: L838835 **QC Analytical Batch(es):** L839144
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L838835 Matrix: AQU
Associated Lab Samples: 70351, 70352, 70353, 70354, 70356

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	09/12/25 14:12

Laboratory Control Sample LCS-L838835

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	46.5	93.0	85-115

Matrix Spike & Matrix Spike Duplicate A 70373-MS-L838835 A 70373-MSD-L838835

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Lead	µg/L	1.14	50.5	50.5	52.9	53.2	102	103	70-130	0.5	20.0

Shipment Receipt Form

Customer Number: **01312**

Customer Name: **Matrix New World Engineering**

Report Number: **25-245-0003**

Shipping Method

☐ Fed Ex ☐ US Postal ☒ Lab ☐ Other :
☐ UPS ☐ Client ☐ Courier Thermometer ID:

Shipping container/cooler uncompromised? ☒ Yes ☐ No

Number of coolers/boxes received

Custody seals intact on shipping container/cooler? ☐ Yes ☐ No ☒ Not Present

Custody seals intact on sample bottles? ☐ Yes ☐ No ☒ Not Present

Chain of Custody (COC) present? ☒ Yes ☐ No

COC agrees with sample label(s)? ☒ Yes ☐ No

COC properly completed ☒ Yes ☐ No

Samples in proper containers? ☒ Yes ☐ No

Sample containers intact? ☒ Yes ☐ No

Sufficient sample volume for indicated test(s)? ☒ Yes ☐ No

All samples received within holding time? ☒ Yes ☐ No

Cooler temperature in compliance? ☒ Yes ☐ No ☐ Not Present

Cooler/Samples arrived at the laboratory on ice.
Samples were considered acceptable as cooling
process had begun. ☐ Yes ☒ No

Water - Sample containers properly preserved ☒ Yes ☐ No ☐ N/A

Water - Sulfuric containers verified pH <2 ☐ Yes ☐ No ☒ N/A

Water - VOA vials free of headspace ☐ Yes ☐ No ☒ N/A

Trip Blanks received with VOAs ☐ Yes ☐ No ☒ N/A

Soil VOA method 5035 – compliance criteria met ☐ Yes ☐ No ☒ N/A

☐ High concentration container (48 hr) ☐ Low concentration EnCore samplers (48 hr)

☐ High concentration pre-weighed (methanol -14 d) ☐ Low conc pre-weighed vials (Sod Bis -14 d)

Special precautions or instructions included? ☐ Yes ☒ No

Comments:

Signature:

Date & Time:



Kit ID:	285585
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Primary

CHAIN-OF-CUSTODY



Matrix New World Engineering
Richard W. Vincent Elementary

25-245-0003
01312
08-29-2025
12:20:52

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number	
Matrix New World Engineering		01312		Dawn Brown				
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment	
Richard W. Vincent Elementary							☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other	
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #	
Matrix-Lead DW		2252923271		dbrown@mnwe.com				

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0610	1-1-KIT-KF(3)-P 70311	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0611	1-1-KIT-PF(S)-P 70312	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0614	1-1-HAL(byCAF)-WC(L)-P 70313	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0614	1-1-HAL(byCAF)-WC(R)-P 70314	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0617	1-1-Bbath(by105)-BF(L)-P 70315	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0620	1-1-HAL(by108)-BTL-P 70316	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	N/A	1-1-HAL(by108)-BU-P 70317	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice Y/N	Custody Seals Y/N	Lab Comments	Cassie Agin						
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time			
				8/29/25 11:15	Andrew Pater	08/29/25 11:15			
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time			
			Andrew Pater	09/02/25 12:35			9/2/25 12:35		
Blank/Cooler Temp N/A			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time			
				9/2/25 16:15		9/2/25 16:15			



Kit ID:	285585
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Primary

CHAIN-OF-CUSTODY

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Dawn Brown	
Site Name	Project Number	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
Richard W. Vincent Elementary			
LIMS Project ID	Project Manager Phone #	Project Manager Email	Site/Facility ID #
Matrix-Lead DW	2252923271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0621	1-1-HAL(by108)-WC-P 70318	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0623	1-1-Gbath(by108)-BF(L)-P 70318	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0624	1-1-HAL(by117)-WC(L)-P 70320	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0624	1-1-HAL(by117)-WC(R)-P 70320	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0627	1-1-Gbath(by118)-BF(L)-P 70320	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0630	1-1-NUR-WC-P 70323	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0630	1-1-Bbath(by122)-BF(L)-P 70324	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody Seals	Lab Comments	Cassie Apple Relinquished by: (SIGNATURE) Relinquished by: (SIGNATURE) Andrew Piter Relinquished by: (SIGNATURE) 		Date	Time	Received by: (SIGNATURE)	Date	Time
Y/N	Y/N	Blank/Cooler Temp N/A			8/29/25	11:15	Andrew Piter	8/29/25	11:15
					8/30/25	12:35		9/2/25	12:35
					9/2/25	16:15		9/2/25	16:15



Kit ID:	285585
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Primary

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
Richard W. Vincent Elementary									
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0634	1-1-112-CF-P 70328 ⁴	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0635	1-1-113-CF-P 70325	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0636	1-1-Bbath(by113)-BF-P 70326	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0637	1-1-Gbath(by114)-BF-P 70327	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0638	1-1-114-CF-P 70328	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0639	1-1-HAL(by114)-WC(L)-P 70329	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
N/A	0640	1-1-HAL(by114)-WC(R)-P	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody Seals	Lab Comments	Cassie Apun						
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time			
				8/29/25 11:15	Andrew P...	8/29/25 11:15			
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time			
				Andrew P...	8/29/25 12:30		9/2/25 12:35		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time			
N/A				10/15 9/2/25		9/2/25 16:15			



Kit ID:	285585
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Primary

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
Richard W. Vincent Elementary									
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0624	1-1-123-CF-P 70330	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0625	1-1-124-CF-P 70331	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0626	1-1-HAL(by124)-WC-P 70332	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0627	1-1-TEA-F-P 70333	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0627	1-1-TEA-F(S)-P 70334	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0630	1-1-127-CF-P 70335	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0632	1-1-Gbath(by129)-BF(L)-P 70336	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Cassie Applin					
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
N/A								
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		



CHAIN-OF-CUSTODY

Kit ID:	285585
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Primary

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Dawn Brown	
Site Name	Project Number	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
Richard W. Vincent Elementary			
LIMS Project ID	Project Manager Phone #	Project Manager Email	Site/Facility ID #
Matrix-Lead DW	2252923271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0634	1-1-Bbath(by129)-BF(L)-P 70337	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0636	2-1-HAL(by137)-WC(L)-P 70338	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0636	2-1-HAL(by137)-WC(R)-P 70339	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0640	2-1-145-CF-P 70340	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0642	2-1-144-CF-P 70341	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0644	2-1-143-CF-P 70342	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0645	2-1-142-CF-P 70343	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody Seals	Lab Comments	Cassie Applin						
Y/N	Y/N		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
			[Signature]		8/29/25	11:15	Andrew Pater	8/29/25	11:15
Blank/Cooler Temp			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
N/A		[Signature]		09/02/25	12:30		12:35	9/2/25	
		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time	
		[Signature]		9/2/25	16:15		9/2/25	16:15	



Kit ID:	285585
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Primary

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
Richard W. Vincent Elementary									
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0648	2-1-141-CF-P 70344	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0650	2-1-140-CF-P 70345	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0652	2-1-139-CF-P 70346	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0654	2-1-138-CF-P 70347	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0656	3-1-133-CF-P 70348	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0658	3-1-134-CF-P 70349	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0700	3-1-135-CF-P 70350	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Cassie Apia					
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
				8/29/25 11:15	Andrew Piter	8/29/25 11:15		
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
			Andrew Piter	09/02/25 12:36			9/2/25 12:35	
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
N/A				9/2/25 16:15			9/2/25 16:15	



CHAIN-OF-CUSTODY

Kit ID:	285585
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Primary

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment		
Richard W. Vincent Elementary							☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0702	3-1-HAL(by136)-BTL-P 70351	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0702	3-1-HAL(by136)-BU-P 70352	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0704	3-1-HAL(by136)-WC-P 70353	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0706	3-1-136-CF-P 70354	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0708	4-1-Bbath-BF(L)-P 70355	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
N/A	0710	4-1-HAL(byG bath)-WC(L)-P	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0712	4-1-Gbath-BF(L)-P 70356	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Cassie Apelin					
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		

9/15/2025

Matrix New World Engineering
Ms. Dawn Brown
6717 Complex Drive
Baton Rouge, LA, 70809

Ref: Report Number: 25-245-0004
Project Description: Richard W. Vincent Elementary

Dear Ms. Dawn Brown:

Waypoint Analytical Louisiana, Inc. received sample(s) on 9/2/2025 for the analyses presented in the following report. The above referenced project has been analyzed per your instructions. Unless otherwise noted, the analyses were performed in our laboratory in accordance with Standard Methods, The Solid Waste Manual SW-846, EPA Methods for Chemical Analysis of Water and Wastes and /or 40 CFR part 136.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance. Analyses reported which indicate "Field" for these parameters were analyzed by the client in the field. Results for solid samples are reported on an as received or "wet weight" basis unless otherwise specified.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

All quality control measures undertaken in accordance with Waypoint Analytical Louisiana, Inc. CompQAP990807A and revisions under the terms of the Louisiana Environmental Laboratory Accreditation Program (Certificate #02041) are within acceptance ranges established in that document with the exception of the items indicated and/or discussed in a Case Narrative.

The results are shown on the attached analysis sheet(s). Be aware that the time analyzed for certain samples (e.g. - BOD, CBOD, etc.) refer to the time the sample batch was begun and not necessarily to the time an individual sample was begun. Thank you for allowing Waypoint Analytical Louisiana, Inc. to serve you. Should I be of further assistance, if you have any questions or need additional information please contact me or client services.

Sincerely,



Amy Jackson
Project Manager

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis. This report may be reproduced in full only with the written permission of the laboratory and/or the entity to which it is addressed. Results contained herein relate only to the sample(s) submitted to the laboratory.



Certification Summary

Laboratory ID: WP MLA: Waypoint Analytical Louisiana, Inc., Marrero, LA

State	Program	Lab ID	Expiration Date
Georgia	State Program	02041	06/30/2026
Louisiana	State Program - NELAP	02041	06/30/2026

Laboratory ID: WP MTN: Waypoint Analytical, LLC. (Memphis), Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	11/04/2025
Arkansas	State Program	88-00650	02/06/2026
California	State Program	2904	06/30/2026
Florida	State Program - NELAP	E871157	06/30/2026
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2025
Illinois	State Program - NELAP	200078	10/31/2026
Kentucky	State Program	KY90047	12/31/2025
Kentucky	State Program	80215	06/30/2026
Kentucky	State Program	KY90047	12/31/2025
Louisiana	State Program - NELAP	LA037	12/31/2025
Louisiana	State Program - NELAP	04015	06/30/2026
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2026
North Carolina	State Program	415	12/31/2025
Oklahoma	State Program - NELAP	9311	12/31/2025
Pennsylvania	State Program - NELAP	68-03195	05/31/2026
South Carolina	State Program	84002	06/30/2025
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2025
Virginia	State Program	00106	06/30/2026
Virginia	State Program - NELAP	460181	09/14/2026

Sample Summary Table

Report Number: 25-245-0004

Client Project Description: Richard W. Vincent Elementary

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
70359	1-1-KIT-KF(3)-F	Aqueous	08/28/2025 06:10	09/02/2025	EPA-200.8 (DW)	WP MTN
70360	1-1-KIT-PF(S)-F	Aqueous	08/28/2025 06:12	09/02/2025	EPA-200.8 (DW)	WP MTN
70361	1-1-HAL(byCAF)-WC(L)-F	Aqueous	08/28/2025 06:15	09/02/2025	EPA-200.8 (DW)	WP MTN
70362	1-1-HAL(byCAF)-WC(R)-F	Aqueous	08/28/2025 06:15	09/02/2025	EPA-200.8 (DW)	WP MTN
70363	1-1-Bbath(by105)-BF(L)-F	Aqueous	08/28/2025 06:17	09/02/2025	EPA-200.8 (DW)	WP MTN
70364	1-1-HAL(by108)-BTL-F	Aqueous	08/28/2025 06:20	09/02/2025	EPA-200.8 (DW)	WP MTN
70365	1-1-HAL(by108)-WC-F	Aqueous	08/28/2025 06:21	09/02/2025	EPA-200.8 (DW)	WP MTN
70366	1-1-Gbath(by108)-BF(L)-F	Aqueous	08/28/2025 06:23	09/02/2025	EPA-200.8 (DW)	WP MTN
70367	1-1-HAL(by117)-WC(L)-F	Aqueous	08/28/2025 06:25	09/02/2025	EPA-200.8 (DW)	WP MTN
70368	1-1-HAL(by117)-WC(R)-F	Aqueous	08/28/2025 06:25	09/02/2025	EPA-200.8 (DW)	WP MTN
70369	1-1-Gbath(by118)-BF(L)-F	Aqueous	08/28/2025 06:27	09/02/2025	EPA-200.8 (DW)	WP MTN
70370	1-1-NUR-WC-F	Aqueous	08/28/2025 06:30	09/02/2025	EPA-200.8 (DW)	WP MTN
70371	1-1-Bbath(by122)-BF(L)-F	Aqueous	08/28/2025 06:32	09/02/2025	EPA-200.8 (DW)	WP MTN
70372	1-1-112-CF-F	Aqueous	08/28/2025 06:34	09/02/2025	EPA-200.8 (DW)	WP MTN
70373	1-1-113-CF-F	Aqueous	08/28/2025 06:35	09/02/2025	EPA-200.8 (DW)	WP MTN
70374	1-1-Bbath(by113)-BF-F	Aqueous	08/28/2025 06:36	09/02/2025	EPA-200.8 (DW)	WP MTN
70375	1-1-Gbath(by114)-BF-F	Aqueous	08/28/2025 06:37	09/02/2025	EPA-200.8 (DW)	WP MTN
70376	1-1-114-CF-F	Aqueous	08/28/2025 06:38	09/02/2025	EPA-200.8 (DW)	WP MTN
70377	1-1-HAL(by114)-WC(L)-F	Aqueous	08/28/2025 06:39	09/02/2025	EPA-200.8 (DW)	WP MTN
70378	1-1-123-CF-F	Aqueous	08/28/2025 06:24	09/02/2025	EPA-200.8 (DW)	WP MTN
70379	1-1-124-CF-F	Aqueous	08/28/2025 06:25	09/02/2025	EPA-200.8 (DW)	WP MTN
70380	1-1-HAL(by124)-WC-F	Aqueous	08/28/2025 06:26	09/02/2025	EPA-200.8 (DW)	WP MTN
70381	1-1-TEA-F-F	Aqueous	08/28/2025 06:28	09/02/2025	EPA-200.8 (DW)	WP MTN
70382	1-1-TEA-F(S)-F	Aqueous	08/28/2025 06:28	09/02/2025	EPA-200.8 (DW)	WP MTN
70383	1-1-127-CF-F	Aqueous	08/28/2025 06:30	09/02/2025	EPA-200.8 (DW)	WP MTN
70384	1-1-Gbath(by129)-BF(L)-F	Aqueous	08/28/2025 06:32	09/02/2025	EPA-200.8 (DW)	WP MTN
70385	1-1-Bbath(by129)-BF(L)-F	Aqueous	08/28/2025 06:34	09/02/2025	EPA-200.8 (DW)	WP MTN

182 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

Sample Summary Table

Report Number: 25-245-0004

Client Project Description: Richard W. Vincent Elementary

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
70386	2-1-HAL(by137)-WC(L)-F	Aqueous	08/28/2025 06:38	09/02/2025	EPA-200.8 (DW)	WP MTN
70387	2-1-HAL(by137)-WC(R)-F	Aqueous	08/28/2025 06:38	09/02/2025	EPA-200.8 (DW)	WP MTN
70388	2-1-145-CF-F	Aqueous	08/28/2025 06:40	09/02/2025	EPA-200.8 (DW)	WP MTN
70389	2-1-144-CF-F	Aqueous	08/28/2025 06:42	09/02/2025	EPA-200.8 (DW)	WP MTN
70390	2-1-143-CF-F	Aqueous	08/28/2025 06:44	09/02/2025	EPA-200.8 (DW)	WP MTN
70391	2-1-142-CF-F	Aqueous	08/28/2025 06:45	09/02/2025	EPA-200.8 (DW)	WP MTN
70392	2-1-141-CF-F	Aqueous	08/28/2025 06:48	09/02/2025	EPA-200.8 (DW)	WP MTN
70393	2-1-140-CF-F	Aqueous	08/28/2025 06:50	09/02/2025	EPA-200.8 (DW)	WP MTN
70394	2-1-139-CF-F	Aqueous	08/28/2025 06:52	09/02/2025	EPA-200.8 (DW)	WP MTN
70395	2-1-138-CF-F	Aqueous	08/28/2025 06:54	09/02/2025	EPA-200.8 (DW)	WP MTN
70396	3-1-133-CF-F	Aqueous	08/28/2025 06:56	09/02/2025	EPA-200.8 (DW)	WP MTN
70397	3-1-134-CF-F	Aqueous	08/28/2025 06:58	09/02/2025	EPA-200.8 (DW)	WP MTN
70398	3-1-135-CF-F	Aqueous	08/28/2025 07:00	09/02/2025	EPA-200.8 (DW)	WP MTN
70399	3-1-HAL(by136)-BTL-F	Aqueous	08/28/2025 07:02	09/02/2025	EPA-200.8 (DW)	WP MTN
70400	3-1-HAL(by136)-BU-F	Aqueous	08/28/2025 07:02	09/02/2025	EPA-200.8 (DW)	WP MTN
70401	3-1-HAL(by136)-WC-F	Aqueous	08/28/2025 07:04	09/02/2025	EPA-200.8 (DW)	WP MTN
70402	3-1-136-CF-F	Aqueous	08/28/2025 07:06	09/02/2025	EPA-200.8 (DW)	WP MTN
70403	4-1-Bbath-BF(L)-F	Aqueous	08/28/2025 07:08	09/02/2025	EPA-200.8 (DW)	WP MTN
70404	4-1-Gbath-BF(L)-F	Aqueous	08/28/2025 07:12	09/02/2025	EPA-200.8 (DW)	WP MTN

Summary of Detected Analytes

Project: Richard W. Vincent Elementary

Report Number: 25-245-0004

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1-1-KIT-KF(3)-F	A 70359					
EPA-200.8 (DW)	Lead	0.583	µg/L	0.500	09/12/2025 14:30	
1-1-KIT-PF(S)-F	A 70360					
EPA-200.8 (DW)	Lead	8.42	µg/L	0.500	09/12/2025 14:32	
1-1-HAL(byCAF)-WC(R)-	A 70362					
EPA-200.8 (DW)	Lead	0.611	µg/L	0.500	09/12/2025 14:39	
1-1-HAL(by108)-WC-F	A 70365					
EPA-200.8 (DW)	Lead	0.689	µg/L	0.500	09/12/2025 14:45	
1-1-HAL(by117)-WC(L)-	A 70367					
EPA-200.8 (DW)	Lead	0.710	µg/L	0.500	09/12/2025 14:49	
1-1-HAL(by117)-WC(R)-	A 70368					
EPA-200.8 (DW)	Lead	0.705	µg/L	0.500	09/12/2025 14:51	
1-1-Gbath(by118)-BF(L)	A 70369					
EPA-200.8 (DW)	Lead	0.641	µg/L	0.500	09/12/2025 14:53	
1-1-NUR-WC-F	A 70370					
EPA-200.8 (DW)	Lead	1.77	µg/L	0.500	09/12/2025 14:55	
1-1-112-CF-F	A 70372					
EPA-200.8 (DW)	Lead	0.663	µg/L	0.500	09/12/2025 15:03	
1-1-113-CF-F	A 70373					
EPA-200.8 (DW)	Lead	1.14	µg/L	0.500	09/12/2025 15:05	
1-1-114-CF-F	A 70376					
EPA-200.8 (DW)	Lead	0.903	µg/L	0.500	09/12/2025 15:19	
1-1-HAL(by114)-WC(L)-	A 70377					
EPA-200.8 (DW)	Lead	0.647	µg/L	0.500	09/12/2025 15:21	
1-1-123-CF-F	A 70378					
EPA-200.8 (DW)	Lead	0.722	µg/L	0.500	09/12/2025 15:27	
1-1-124-CF-F	A 70379					
EPA-200.8 (DW)	Lead	1.26	µg/L	0.500	09/12/2025 15:29	

Summary of Detected Analytes

Project: Richard W. Vincent Elementary

Report Number: 25-245-0004

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1-1-TEA-F(S)-F	A 70382					
EPA-200.8 (DW)	Lead	0.587	µg/L	0.500	09/12/2025 15:35	
1-1-127-CF-F	A 70383					
EPA-200.8 (DW)	Lead	4.96	µg/L	0.500	09/12/2025 15:37	
1-1-Bbath(by129)-BF(L)	A 70385					
EPA-200.8 (DW)	Lead	0.659	µg/L	0.500	09/12/2025 15:40	
2-1-HAL(by137)-WC(L)	A 70386					
EPA-200.8 (DW)	Lead	0.765	µg/L	0.500	09/12/2025 15:42	
2-1-HAL(by137)-WC(R)	A 70387					
EPA-200.8 (DW)	Lead	0.953	µg/L	0.500	09/12/2025 15:44	
2-1-143-CF-F	A 70390					
EPA-200.8 (DW)	Lead	0.571	µg/L	0.500	09/12/2025 15:54	
2-1-140-CF-F	A 70393					
EPA-200.8 (DW)	Lead	0.631	µg/L	0.500	09/12/2025 16:00	

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-KIT-KF(3)-F

Date Collected 08/28/2025 06:10 **WPA Lab No** 70359
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:30:05	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.583	0.500	µg/L

1-1-KIT-PF(S)-F

Date Collected 08/28/2025 06:12 **WPA Lab No** 70360
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:32:03	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	8.42	0.500	µg/L

1-1-HAL(byCAF)-WC(L)-F

Date Collected 08/28/2025 06:15 **WPA Lab No** 70361
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:34:01	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-HAL(byCAF)-WC(R)-F

Date Collected 08/28/2025 06:15 **WPA Lab No** 70362
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:39:55	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.611	0.500	µg/L

1-1-Bbath(by105)-BF(L)-F

Date Collected 08/28/2025 06:17 **WPA Lab No** 70363
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:41:53	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-HAL(by108)-BTL-F

Date Collected 08/28/2025 06:20 **WPA Lab No** 70364
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:43:51	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-HAL(by108)-WC-F

Date Collected 08/28/2025 06:21 **WPA Lab No** 70365
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:45:49	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.689	0.500	µg/L

1-1-Gbath(by108)-BF(L)-F

Date Collected 08/28/2025 06:23 **WPA Lab No** 70366
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:47:47	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-HAL(by117)-WC(L)-F

Date Collected 08/28/2025 06:25 **WPA Lab No** 70367
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:49:45	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.710	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-HAL(by117)-WC(R)-F

Date Collected 08/28/2025 06:25 **WPA Lab No** 70368
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:51:42	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.705	0.500	µg/L

1-1-Gbath(by118)-BF(L)-F

Date Collected 08/28/2025 06:27 **WPA Lab No** 70369
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:53:40	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.641	0.500	µg/L

1-1-NUR-WC-F

Date Collected 08/28/2025 06:30 **WPA Lab No** 70370
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:55:38	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.77	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-Bbath(by122)-BF(L)-F

Date Collected 08/28/2025 06:32 **WPA Lab No** 70371
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 14:57:37	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-112-CF-F

Date Collected 08/28/2025 06:34 **WPA Lab No** 70372
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 15:03:32	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.663	0.500	µg/L

1-1-113-CF-F

Date Collected 08/28/2025 06:35 **WPA Lab No** 70373
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838835	EPA-200.8	50 mL	1	9/12/2025 15:05:30	BKN	L839144

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.14	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-Bbath(by113)-BF-F

Date Collected 08/28/2025 06:36 **WPA Lab No** 70374
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:15:21	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-Gbath(by114)-BF-F

Date Collected 08/28/2025 06:37 **WPA Lab No** 70375
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:17:19	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-114-CF-F

Date Collected 08/28/2025 06:38 **WPA Lab No** 70376
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:19:17	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.903	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-HAL(by114)-WC(L)-F

Date Collected 08/28/2025 06:39 **WPA Lab No** 70377
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:21:15	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.647	0.500	µg/L

1-1-123-CF-F

Date Collected 08/28/2025 06:24 **WPA Lab No** 70378
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:27:10	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.722	0.500	µg/L

1-1-124-CF-F

Date Collected 08/28/2025 06:25 **WPA Lab No** 70379
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:29:09	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.26	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-HAL(by124)-WC-F

Date Collected 08/28/2025 06:26 **WPA Lab No** 70380
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:31:07	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-TEA-F-F

Date Collected 08/28/2025 06:28 **WPA Lab No** 70381
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:33:05	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-TEA-F(S)-F

Date Collected 08/28/2025 06:28 **WPA Lab No** 70382
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:35:03	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.587	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

1-1-127-CF-F

Date Collected 08/28/2025 06:30 **WPA Lab No** 70383
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:37:01	BKN	L839145

CAS#	Parameter	Result	ML	Units
7439-92-1	Lead	4.96	0.500	µg/L

1-1-Gbath(by129)-BF(L)-F

Date Collected 08/28/2025 06:32 **WPA Lab No** 70384
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:38:59	BKN	L839145

CAS#	Parameter	Result	ML	Units
7439-92-1	Lead	ND	0.500	µg/L

1-1-Bbath(by129)-BF(L)-F

Date Collected 08/28/2025 06:34 **WPA Lab No** 70385
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:40:58	BKN	L839145

CAS#	Parameter	Result	ML	Units
7439-92-1	Lead	0.659	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

2-1-HAL(by137)-WC(L)-F

Date Collected 08/28/2025 06:38 **WPA Lab No** 70386
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:42:56	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.765	0.500	µg/L

2-1-HAL(by137)-WC(R)-F

Date Collected 08/28/2025 06:38 **WPA Lab No** 70387
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:44:54	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.953	0.500	µg/L

2-1-145-CF-F

Date Collected 08/28/2025 06:40 **WPA Lab No** 70388
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:50:51	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/	J	Estimated value	MDL	Method Detection Limit
Definitions	MQL	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

2-1-144-CF-F

Date Collected 08/28/2025 06:42 **WPA Lab No** 70389
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:52:49	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

2-1-143-CF-F

Date Collected 08/28/2025 06:44 **WPA Lab No** 70390
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:54:47	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.571	0.500	µg/L

2-1-142-CF-F

Date Collected 08/28/2025 06:45 **WPA Lab No** 70391
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:56:46	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

2-1-141-CF-F

Date Collected 08/28/2025 06:48 **WPA Lab No** 70392
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 15:58:44	BKN	L839145

CAS#	Parameter	Result	ML	Units
7439-92-1	Lead	ND	0.500	µg/L

2-1-140-CF-F

Date Collected 08/28/2025 06:50 **WPA Lab No** 70393
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838836	EPA-200.8	50 mL	1	9/12/2025 16:00:43	BKN	L839145

CAS#	Parameter	Result	ML	Units
7439-92-1	Lead	0.631	0.500	µg/L

2-1-139-CF-F

Date Collected 08/28/2025 06:52 **WPA Lab No** 70394
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:14:33	BKN	L839145

CAS#	Parameter	Result	ML	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/Definitions	J	Estimated value	MDL	Method Detection Limit
	ML	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

2-1-138-CF-F

Date Collected 08/28/2025 06:54 **WPA Lab No** 70395
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:16:32	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

3-1-133-CF-F

Date Collected 08/28/2025 06:56 **WPA Lab No** 70396
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:18:31	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

3-1-134-CF-F

Date Collected 08/28/2025 06:58 **WPA Lab No** 70397
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:20:30	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/Definitions	J	Estimated value	MDL	Method Detection Limit
	MQL	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

3-1-135-CF-F

Date Collected 08/28/2025 07:00 **WPA Lab No** 70398
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:22:28	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

3-1-HAL(by136)-BTL-F

Date Collected 08/28/2025 07:02 **WPA Lab No** 70399
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:24:27	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

3-1-HAL(by136)-BU-F

Date Collected 08/28/2025 07:02 **WPA Lab No** 70400
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:26:25	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/ Definitions

J
MQL

Estimated value
Method Quantitation Limit

MDL Method Detection Limit

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

3-1-HAL(by136)-WC-F

Date Collected 08/28/2025 07:04 **WPA Lab No** 70401
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:28:24	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

3-1-136-CF-F

Date Collected 08/28/2025 07:06 **WPA Lab No** 70402
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:30:23	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

4-1-Bbath-BF(L)-F

Date Collected 08/28/2025 07:08 **WPA Lab No** 70403
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:32:22	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/Definitions	J	Estimated value	MDL	Method Detection Limit
	MQL	Method Quantitation Limit		

Project Information: Richard W. Vincent Elementary

Report Number: 25-245-0004
Report Date: 9/15/2025

Sample Results

4-1-Gbath-BF(L)-F

Date Collected 08/28/2025 07:12 **WPA Lab No** 70404
Date Received 09/02/2025 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
09/10/2025 14:30	L838837	EPA-200.8	50 mL	1	9/12/2025 16:38:18	BKN	L839145

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	ND	0.500	µg/L

Qualifiers/ Definitions

J Estimated value
MQL Method Quantitation Limit

MDL Method Detection Limit

Quality Control Data

Client ID: Matrix New World Engineering
Project Description: Richard W. Vincent Elementary
Report No: 25-245-0004

QC Prep: L838835 **QC Analytical Batch(es):** L839144
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L838835 Matrix: AQU
Associated Lab Samples: 70359, 70360, 70361, 70362, 70363, 70364, 70365, 70366, 70367, 70368, 70369, 70370, 70371, 70372, 70373

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	09/12/25 14:12

Laboratory Control Sample LCS-L838835

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	46.5	93.0	85-115

Matrix Spike & Matrix Spike Duplicate A 70373-MS-L838835 A 70373-MSD-L838835

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Lead	µg/L	1.14	50.5	50.5	52.9	53.2	102	103	70-130	0.5	20.0

Quality Control Data

Client ID: Matrix New World Engineering
Project Description: Richard W. Vincent Elementary
Report No: 25-245-0004

QC Prep: L838836 **QC Analytical Batch(es):** L839145
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L838836 Matrix: AQU
Associated Lab Samples: 70374, 70375, 70376, 70377, 70378, 70379, 70380, 70381, 70382, 70383, 70384, 70385, 70386, 70387, 70388, 70389, 70390, 70391, 70392, 70393

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	09/12/25 14:59

Laboratory Control Sample LCS-L838836

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	46.6	93.0	85-115

Matrix Spike & Matrix Spike Duplicate A 70393-MS-L838836 A 70393-MSD-L838836

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Lead	µg/L	0.631	50.5	50.5	52.9	49.1	103	96.0	70-130	7.4	20.0

Quality Control Data

Client ID: Matrix New World Engineering
Project Description: Richard W. Vincent Elementary
Report No: 25-245-0004

QC Prep: L838837 **QC Analytical Batch(es):** L839145
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L838837 Matrix: AQU
Associated Lab Samples: 70394, 70395, 70396, 70397, 70398, 70399, 70400, 70401, 70402, 70403, 70404

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	09/12/25 16:10

Laboratory Control Sample LCS-L838837

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	46.8	94.0	85-115

Matrix Spike & Matrix Spike Duplicate U 98199-MS-L838837 U 98199-MSD-L838837

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Lead	µg/L	2.23	50.5	50.5	52.7	50.7	100	96.0	70-130	3.8	20.0

Shipment Receipt Form

Customer Number: **01312**

Customer Name: **Matrix New World Engineering**

Report Number: **25-245-0004**

Shipping Method

☐ Fed Ex	☐ US Postal	☒ Lab	☐ Other :	
☐ UPS	☐ Client	☐ Courier	Thermometer ID:	

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☐ Yes	☒ No	
Water - Sample containers properly preserved	☒ Yes	☐ No	☐ N/A
Water - Sulfuric containers verified pH <2	☐ Yes	☐ No	☒ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Date & Time:



Kit ID:	285586
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Flush

CHAIN-OF-CUSTODY



Matrix New World Engineering
Richard W. Vincent Elementary

25-245-0004
01312
08-29-2025
12:21:35

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment		
Richard W. Vincent Elementary							☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0610	1-1-KIT-KF(3)-F 70359	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0612	1-1-KIT-PF(S)-F 70360	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0615	1-1-HAL(byCAF)-WC(L)-F 70361	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0615	1-1-HAL(byCAF)-WC(R)-F 70362	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0617	1-1-Bbath(by105)-BF(L)-F 70363	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0620	1-1-HAL(by108)-BTL-F 70364	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	N/A	1-1-HAL(by108)-BU-F 70365	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody Seals	Lab Comments	Cassie Applin						
Y/N	Y/N		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
			[Signature]		8/28/25	11:15	Andrew Piter	8/29/25	11:15
Blank/Cooler Temp			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
N/A		Andrew Piter		09/02/25	12:35	[Signature]	9/2/25	12:35	
		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time	
		[Signature]		9/2/25	16:15	[Signature]	9/2/25	16:15	



Kit ID:	285586
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Flush

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
Richard W. Vincent Elementary									
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0621	1-1-HAL(by108)-WC-F <i>70365</i>	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0623	1-1-Gbath(by108)-BF(L)-F <i>70366</i>	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0625	1-1-HAL(by117)-WC(L)-F <i>70367</i>	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0625	1-1-HAL(by117)-WC(R)-F <i>70368</i>	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0627	1-1-Gbath(by118)-BF(L)-F <i>70369</i>	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0630	1-1-NUR-WC-F <i>70370</i>	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0632	1-1-Bbath(by122)-BF(L)-F <i>70371</i>	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody Seals	Lab Comments	<i>Cassie Apelon</i>						
Y/N	Y/N		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
			<i>[Signature]</i>		8/29/25	1115	<i>Andrew R...</i>	8/29/25	1115
Blank/Cooler Temp			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
N/A		<i>Andrew R...</i>		8/30/25	1235	<i>[Signature]</i>	9/2/25	1235	
		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time	
		<i>[Signature]</i>		9/2/25	1615	<i>[Signature]</i>	9/2/25	1615	



Kit ID:	285586
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Flush

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
Richard W. Vincent Elementary									
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0634	1-1-112-CF-F 70372	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0635	1-1-113-CF-F 70373	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0636	1-1-Bbath(by113)-BF-F 70374	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0637	1-1-Gbath(by114)-BF-F 70375	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0638	1-1-114-CF-F 70376	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0639	1-1-HAL(by114)-WC(L)-F 70377	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	N/A	1-1-HAL(by114)-WC(R)-F	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Cassie Apkin					
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
				8/29/25 11:15	Andrew Pitar	8/29/25 11:15		
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
				Andrew Pitar	8/30/25 12:35		12:35 9/2/25	
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
				16:15 9/2/25		9/2/25 16:15		



Kit ID:	285586
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Flush

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
Richard W. Vincent Elementary									
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0624	1-1-123-CF-F 70378	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0625	1-1-124-CF-F 70379	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0626	1-1-HAL(by124)-WC-F 70380	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0628	1-1-TEA-F-F 70381	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0628	1-1-TEA-F(S)-F 70382	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0630	1-1-127-CF-F 70383	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0632	1-1-Gbath(by129)-BF(L)-F 70384	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Cassie Apin					
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
				8/29/25 11:15	Andrew Pater	8/29/25 11:15		
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time		
Blank/Cooler Temp			Andrew Pater	8/28/25 12:35			9/2/25	
				9/2/25 16:15			9/2/25 16:15	



Kit ID:	285586
Initiated By:	Amy Jackson
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Project Comment	Flush

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
Richard W. Vincent Elementary									
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0634	1-1-Bbath(by129)-BF(L)-F 70385	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0638	2-1-HAL(by137)-WC(L)-F 70386	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0638	2-1-HAL(by137)-WC(R)-F 70387	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0640	2-1-145-CF-F 70388	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0642	2-1-144-CF-F 70389	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0644	2-1-143-CF-F 70390	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0645	2-1-142-CF-F 70391	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)	Client Remarks/Comments			
Ice	Custody Seals	Lab Comments	Cassie Apun				
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
				8/29/25 11:15	Andrew Piter	8/29/25 11:15	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Andrew Piter	09/02/25 12:36		9/2/25 12:35	
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
N/A				9/2/25 16:15		9/2/25 16:15	



CHAIN-OF-CUSTODY

Kit ID:	285586
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Flush

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Dawn Brown	
Site Name	Project Number	☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed	Method of Shipment ☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other
Richard W. Vincent Elementary			
LIMS Project ID	Project Manager Phone #	Project Manager Email	Site/Facility ID #
Matrix-Lead DW	2252923271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0648	2-1-141-CF-F 70392	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0650	2-1-140-CF-F 70393	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0652	2-1-139-CF-F 70394	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0654	2-1-138-CF-F 70395	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0656	3-1-133-CF-F 70396	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0658	3-1-134-CF-F 70397	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0700	3-1-135-CF-F 70398	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody Seals	Lab Comments	Cassie Apelin						
Y/N	Y/N		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
			[Signature]		8/29/25	11:15	Andrew Pitar	8/29/25	11:15
Blank/Cooler Temp			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
N/A		Andrew Pitar		09/02/25	12:35	[Signature]	7/2/25		
		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time	
		[Signature]		9/2/25	16:15	[Signature]	9/2/25	16:15	



Kit ID:	285586
Initiated By:	Amy Jackson
Initiated Date:	8/14/2025
Project Comment	Flush

CHAIN-OF-CUSTODY

Company Name		Company Number		Client Project Manager/Contact			Purchase Order Number		
Matrix New World Engineering		01312		Dawn Brown					
Site Name		Project Number		☐ RUSH – Additional charges apply ☐ Special Detection Limits(s) Date Results Needed			Method of Shipment		
Richard W. Vincent Elementary							☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other		
LIMS Project ID		Project Manager Phone #		Project Manager Email			Site/Facility ID #		
Matrix-Lead DW		2252923271		dbrown@mnwe.com					

Date	Time	Sample ID	Matrix	Grab/Comp	# of Cont	Container Type	Preservation	Analyses
8/28/2025	0702	3-1-HAL(by136)-BTL-F 70399	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0702	3-1-HAL(by136)-BU-F 70400	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0704	3-1-HAL(by136)-WC-F 70401	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0706	3-1-136-CF-F 70402	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	0708	4-1-Bbath-BF(L)-F 70403	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
N/A	0710	~~4-1-HAL(byG bath)-WC(L)-F~~	~~Aqueous~~	~~G~~	~~1~~	~~Plastic - 250ml~~	~~HNO3 - Nitric Acid~~	~~200.8 - Lead in DW~~
	0712	4-1-Gbath-BF(L)-F 70404	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW

For Laboratory Use Only			Sampled by (Name - Print)		Client Remarks/Comments				
Ice	Custody Seals	Lab Comments	Cassie Apia						
Y/N	Y/N		Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
					8/29/25	11:15	Andrew Pitaru	8/29/25	11:15
			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
		Blank/Cooler Temp	Andrew Pitaru		09/02/25	1236		9/2/25	
N/A			Relinquished by: (SIGNATURE)		Date	Time	Received by: (SIGNATURE)	Date	Time
					9/2/25	1615		9/2/25	1615

ATTACHMENT 2
ESTABLISHING ROUTINE PRACTICES
(Module 6 of EPA's 3Ts Manual)

Establishing Routine Practices

Schools and child care facilities should establish routine practices to reduce exposure to elevated lead levels and other environmental hazards (e.g., bacteria). **These activities should not be conducted immediately prior to collecting a water sample but should be planned as part of the school's or child care facility's overall water management program to improve drinking water quality.** Below are examples of routine activities that should be conducted to prevent exposure to drinking water contaminants:

Module 1

Module 2

Module 3

Module 4

Module 5

Module 6

Module 7

Cleaning

- Clean drinking water fountains regularly. Consider posting a cleaning time card by the water fountains to allow the cleaning times to be recorded.
- Create an aerator (faucet screen) and water fountain strainer cleaning maintenance schedule and clean debris from all accessible aerators and strainers frequently. Establish a recordkeeping procedure to record when the aerators and strainers are cleaned.
- Consider setting a reminder on the calendar to notify the maintenance staff when it is time to clean the aerators and water fountain strainers.

Temperature Control

- Use only cold water for food and beverage preparation. Hot water will dissolve lead more quickly than cold water and may contain increased lead levels.
- If hot water is needed, it should be taken from the cold water faucet and heated on a stove or in a microwave oven. Consider creating notices that can be posted in the food and beverage preparation areas to remind students and staff to use cold water.

Point-of-Use Filter Maintenance

- If POU devices have been installed, make sure they are maintained. An example of a POU device is a filter on a faucet or within a drinking water fountain or water bottle filler.
- Ensure that the selected POU device is certified to remove lead (or any other contaminants of concern). To select a lead-reducing POU filter, check with the manufacturer or a third-party website (such as nsf.org or wqa.org) to verify the product was tested and certified against NSF/ANSI Standard 53 (for lead removal). For additional protection for particulate lead, look for a POU filter

that is also certified against NSF/ANSI Standard 42 (for class I particulate reduction, 0.5 µm to <1 µm).

- Consider setting a reminder on the calendar when it is time to change the filter.

Cross-Connections Control

- Evaluate the facility for the presence of cross-connections (e.g., connections of nonpotable water to potable sources) and address any issues.

Communication

- Create and post placards near bathroom sinks with notices that water should not be consumed. As an example, indicate that a sink is a hand-washing only sink to prevent students and staff from misunderstanding and utilizing sinks for brushing teeth, washing food or other activities that ultimately result in water being consumed.
- Use pictures if there are small children using bathrooms.
- Consider organizing an event for the community to explain how everyone can help.

Routine Flushing Practices

- Regularly flush all water outlets used for drinking or food preparation, particularly after weekends and long vacations when water may have been stagnant for a long period of time.
- Flushing involves opening valves and faucets and letting the water run to remove water that has been standing in the interior pipes and/or the outlets. The flushing time varies by the type of outlet being cleared.
- Be careful not to flush too many outlets at once. This could dislodge sediments that might create further lead problems, or it could reduce pressure in the system below safe levels. If the flow from outlets is reduced noticeably during flushing, too many outlets have likely been turned on at once.



Module 1

Module 2

Module 3

Module 4

Module 5

Module 6

Module 7

Flushing Directions by Outlet Type

Remember that each drinking water outlet should be flushed individually; flushing a toilet will not flush the water fountains. All flushing should be recorded in a log submitted to the individual in charge of this program.

Locate the faucet furthest away from the service line on each wing and floor of the building, open the faucets wide, and let the water run for 10 minutes. For best results, calculate the volume of the plumbing and the flow rate at the tap and adjust the flushing time accordingly. This 10-minute time-frame is considered adequate for most buildings.

Open valves at all drinking water fountains without refrigeration units and let the water run for roughly 30 seconds to one minute, or until cold.

Let the water run on all refrigerated water fountains for 15 minutes. Because of the long time period required, routinely flushing refrigerated fountains may not be feasible. It may therefore be necessary, and more economical, to replace these outlets with “lead-free” NSF-approved devices.

Open all kitchen faucets (and other faucets where water will be used for drinking and/or cooking) and let the water run for 30 seconds to one minute, or until cold.

Flushing is not recommended as a practical remedy for water coolers.

Module 1

Module 2

Module 3

Module 4

Module 5

Module 6

Module 7



Communication Plan: Your continual effort to improve water quality in your facility will be of interest to parents, staff, and the community. Consider sending updates in newsletters.

Don't forget to maintain a record!

Record schedules for upkeep and maintenance and set calendar reminders to help you keep on schedule.

