FINAL SAMPLING REPORT
WIIN GRANT LEAD TESTING PROGRAM

PRIME TIME HEAD START AT JEANERETTE

600 Ira Street, Jeanerette, Louisiana 70544
Iberia Parish

Prepared for:

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Date:

April 5, 2023

Matrix Project No.: 22-0097

MATRIXNEWORLD
Engineering Progress

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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 Prime Time Head Start at Jeanerette (the Facility). Matrix developed the Report following assessment and sampling of water sources used for consumption at the Facility 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 Facility 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 Facility 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 Facility 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 Facility within 24 hours if any exceedances of the lead action level (15 ppb) were identified. 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 Facility as outlined in Sections 5 and 6.

1.3 Facility Information

Prime Time Head Start at Jeanerette, a child care facility, is located at 600 Ira Street in Jeanerette, Iberia Parish, Louisiana. The Facility is owned and operated by Louisiana Endowment for the Humanities. The Facility was built in 1987. The child care facility occupies one building and serves children from six weeks to five years of age. The second building at the location is not used by the child care facility. 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 Facility was performed on January 19, 2023, 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 Facility building 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 January 19, 2023, Matrix staff met with Center Director, Marsela Boyance. Information gathered during the initial interviews and discussions during the assessment includes the following:

- The water coolers at the Facility are not in use due to COVID-19 protocols, and will not be returned to use in the near future. The water coolers are on, but "Do Not Use" signs are posted.
- Drinking water is provided by bulk water dispensers. Bulk water is purchased from Kentwood.
- Food is not cooked at the Facility. Food is prepared by a third party and brought to the Facility to be distributed.
- The water main enters the building from the side near the kitchen.

2.2 Assessment Findings and Sampling Plan

As a result of the assessment, Matrix identified 24 total fixtures that may be a source of water used for consumption by the children. Matrix did not identify any water coolers banned by EPA at the Facility. Each fixture was assigned a specific fixture ID using the following method:

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

A facility map indicating the fixture locations is 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 all 24 fixtures at the Facility should be sampled.

Matrix submitted the Sampling Plan to LDH on February 14, 2023, and it was approved by LDH on February 15, 2023.

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 Facility on March 23, 2023, 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 Facility'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 Facility.

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 Facility'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 Facility on March 23, 2023. Matrix collected samples according to the approved Sampling Plan.

Matrix collected primary and flush samples for all 24 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. A facility map indicating the fixture locations is 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 (µg/L).

4.0 SAMPLE RESULTS

Matrix received the final laboratory analytical report on April 3, 2023. Matrix reviewed the results and notified the Facility 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.

A facility map indicating the fixture locations is 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(L)	Kitchen	Faucet	4.97	0.532
1-1-KIT-KF(R)	Kitchen	Faucet	9.42	1.47
1-1-103-CF	Classroom 103	Faucet	**13.2**	1.39
1-1-HAL(by103)-WD(C)	Hallway (by Classroom 103)	Water Dispenser	<0.500	<0.500
1-1-HAL(by103)-WD(H)	Hallway (by Classroom 103)	Water Dispenser	<0.500	<0.500
1-1-FAC111A-F	Faculty Workroom 111A	Faucet	3.13	<0.500
1-1-104-CF	Classroom 104	Faucet	3.66	1.75
1-1-105-CF	Classroom 105	Faucet	2.09	<0.500
1-1-HAL(by105)-WD(C)	Hallway (by Classroom 105)	Water Dispenser	<0.500	<0.500
1-1-HAL(by105)-WD(H)	Hallway (by Classroom 105)	Water Dispenser	<0.500	<0.500
1-1-106-CF	Classroom 106	Faucet	3.27	<0.500
1-1-107-CF	Classroom 107	Faucet	5.90	4.62
1-1-GBath115-BF(L)	Girls Bathroom 115	Faucet	**20.2**	1.20
1-1-BBath116-BF	Boys Bathroom 116	Faucet	9.07	1.19
1-1-110-CF	Classroom 110	Faucet	1.86	<0.500

Fixture ID	Location	Fixture Type	Primary Sample (ppb)	Flush Sample (ppb)
1-1-112-CF	Classroom 112	Faucet	1.56	<0.500
1-1-HAL(by112)-WD(C)	Hallway (by Classroom 112)	Water Dispenser	<0.500	<0.500
1-1-HAL(by112)-WD(H)	Hallway (by Classroom 112)	Water Dispenser	<0.500	<0.500
1-1-114-CF	Classroom 114	Faucet	2.79	<0.500
1-1-HAL(by126/127)-BF(L)	Hallway (by Bathrooms 126 and 127)	Faucet	3.18	1.21
1-1-HAL(by124)-WD(C)	Hallway (by Room 124)	Water Dispenser	<0.500	<0.500
1-1-HAL(by124)-WD(H)	Hallway (by Room 124)	Water Dispenser	<0.500	<0.500
1-1-132-F	Family Room 132	Faucet	9.45	1.84
1-1-132-SB	Family Room 132	Sink Bubbler	**15.2**	8.07

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 Facility and LDH within 24 hours of receipt of the final sample results for these fixtures. Matrix also provided the Facility with LDH-approved remediation actions for the applicable fixture(s). Specifically, Matrix recommended the fixtures below be immediately removed from service or the Facility 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-Gbath115-BF(L) Girls Bathroom 115 Left Bathroom Faucet	**20.2**	1.20	Immediately remove from service until further action is completed: 1. Post "Not for Drinking/Cooking" sign and implement a policy; OR 2. Permanently remove the fixture from service (by physically disconnecting or removing); OR 3. Replace faucet with a fixture certified to be lead free; OR 4. Install point-of-use (POU) filter which complies with NSF/ANSI Standard 53 for lead reduction.	No No Yes Yes
	1-1-Gbath115-BF(R) Girls Bathroom 115 Right Bathroom Faucet	Not Sampled Duplicate			
2	1-1-132-SB Family Room 132 Sink bubbler on family room sink	**15.2**	8.07	Immediately remove from service until further action is completed: This sink bubbler is not in compliance with Louisiana plumbing code LAC 17:I.111. Therefore, the fixture should be permanently removed from service.	No

[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]
3	1-1-103-CF Classroom 103 Classroom faucet	**13.2**	1.39	Immediately remove from service until further action is completed: 1. Post "Not for Drinking/Cooking" sign and implement a policy; OR 2. Permanently remove fixture from service (by physically disconnecting or removing); OR 3. Implement fixture flushing and aerator cleaning practice and implement a policy; OR 4. Replace faucet with a fixture certified to be lead free; OR 5. Install point-of-use (POU) filter which complies with NSF/ANSI Standard 53 for lead reduction.	No No Yes Yes 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 Facility 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/2021-07/epa-3ts-guidance-document-english.pdf, or found in **Attachment 2**).

LDH encourages the Facility 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)
4	1-1-KIT-KF(R)	Kitchen Triple-basin sink	Faucet	9.42	1.47
5	1-1-107-CF	Classroom 107	Faucet	5.90	4.62
6	1-1-BBath116-BF	Boys Bathroom 116	Faucet	9.07	1.19
7	1-1-132-F	Family Room 132	Faucet	9.45	1.84

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 disconnected and out-of-use. Prior to bringing these fixtures back into service, the Facility 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(by126/127)-WC(L)	Hallway (by Bathrooms 126 and 127)	Water Cooler	None	Left water cooler. Not in-use due to COVID. Elkay EHFSA8_1J
1-1-HAL(by126/127)-WC(R)	Hallway (by Bathrooms 126 and 127)	Water Cooler	None	Righ water cooler. Not in-use due to COVID. Elkay EHFSA8_1J

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 children at the Facility in order to determine the concentration of lead in drinking water. The Facility did not contain any banned fixtures, but some fixtures were out of service during the assessment and sampling activities.

Matrix collected 48 water samples from 24 fixtures at the Facility which were analyzed according to sampling guidelines. The School had two 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 Facility implement routine practices as outlined in Module 6 of the 3Ts manual. The Facility 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 Facility 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/2021-07/epa-3ts-guidance-document-english.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/nceh/lead/prevention/sources/water.htm

9.0 SIGNATURES

April 5, 2023

Dawn M. Brown
Director of Waste Services
Matrix New World Engineering

Date

April 5, 2023

Linda M. McConnell, PE
PE 20434 Louisiana
Matrix New World Engineering

Date

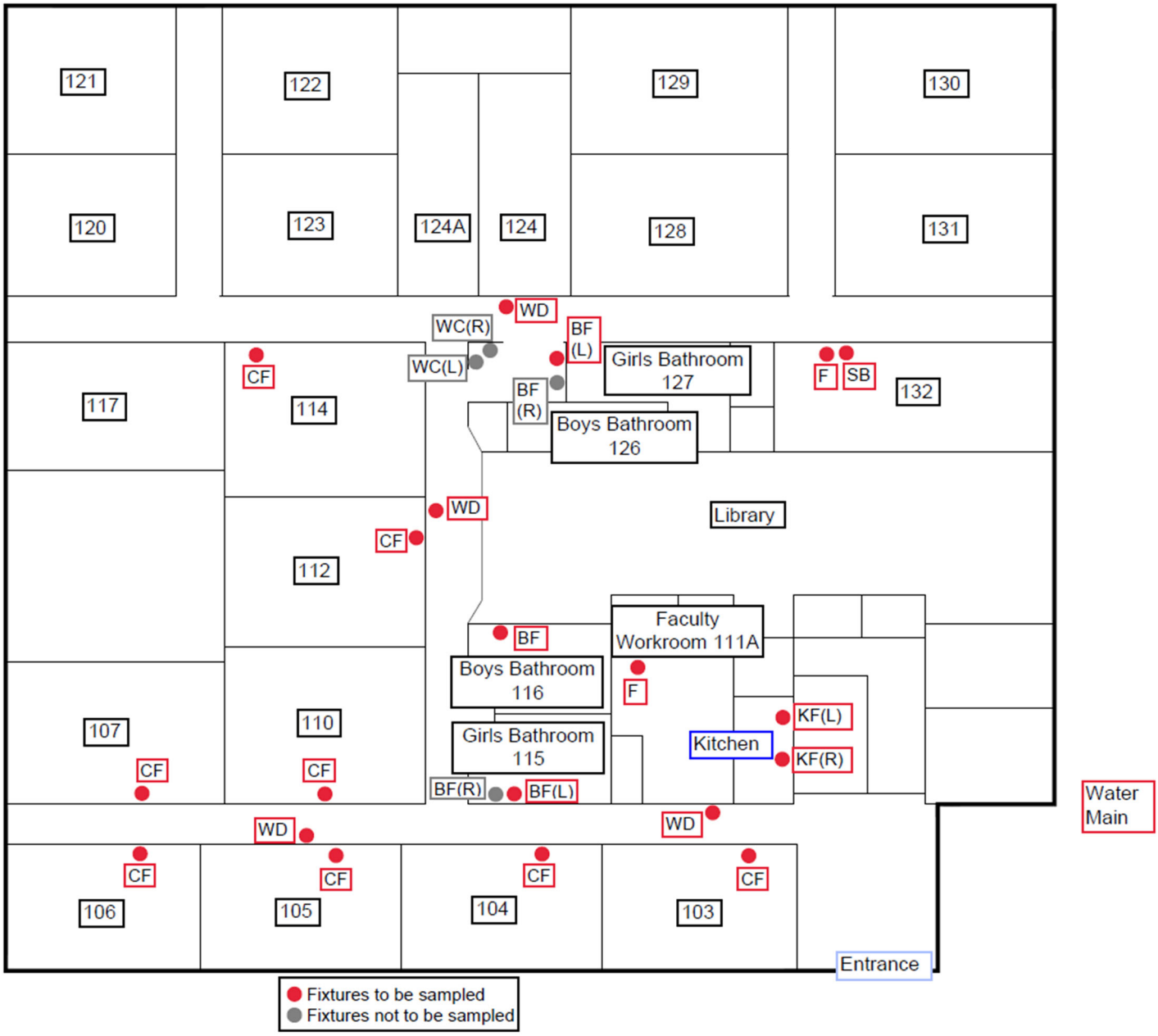
APPENDIX A

FACILITY MAP

MATRIXNEWORLD
Engineering Progress

Map 1 of 1

Facility Layout



APPENDIX B

ID CODES AND ABBREVIATIONS

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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

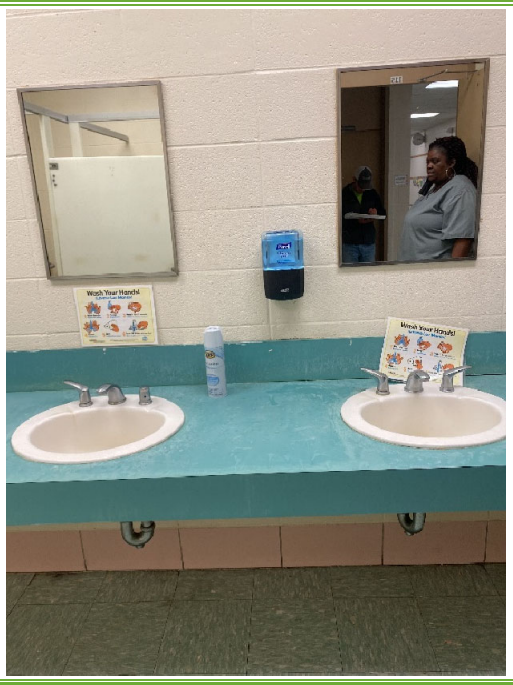

Photo 1
Fixture ID: 1-1-GBath115-BF(L) and BF(R)
Fixture Type: Faucet
Recommendation: See Table 5.1

Photo 2
Fixture ID: 1-1-132-SB
Fixture Type: Sink Bubbler
Recommendation: See Table 5.1

Photo 3
Fixture ID: 1-1-103-CF
Fixture Type: Faucet
Recommendation: See Table 5.2

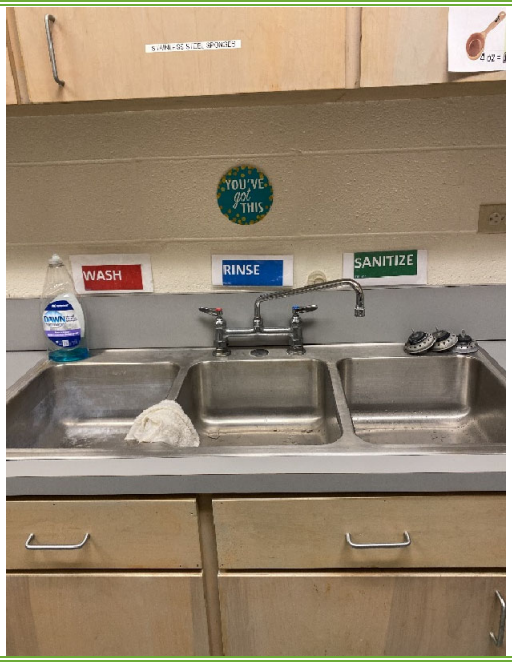

Photo 4
Fixture ID: 1-1-KIT-KF(R)
Fixture Type: Faucet
Recommendation: Implement the 3Ts

Photo 5
Fixture ID: 1-1-107-CF
Fixture Type: Faucet
Recommendation: Implement the 3Ts

Photo 6
Fixture ID: 1-1-BBath116-BF
Fixture Type: Faucet
Recommendation: Implement the 3Ts

Photo 7
Fixture ID: 1-1-132-F
Fixture Type: Faucet
Recommendation: Implement the 3Ts

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ATTACHMENT 1

ANALYTICAL LABORATORY REPORTS

Waypoint ANALYTICAL
5041 Taravella Road, Marrero, LA 70072
Main 504-371-8557 ⁰ Fax 504-371-8560
www.waypointanalytical.com

4/3/2023

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA, 70818

Ref: Report Number: 23-082-0040
Project Description: Prime Time Head Start at Jeanerette

Dear Ms. Dawn Brown:

Waypoint Analytical Louisiana, Inc. received sample(s) on 3/23/2023 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

5041 Taravella Road, Marrero, LA 70072
Main 504-371-8557 ° Fax 504-371-8560
www.waypointanalytical.com

Certification Summary

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

State	Program	Lab ID	Expiration Date
Georgia	State Program	02041	06/30/2023
Louisiana	State Program - NELAP	02041	06/30/2023

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

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/29/2024
Arkansas	State Program	88-0650	02/07/2024
California	State Program	2904	06/30/2023
Florida	State Program - NELAP	E871157	06/30/2023
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2023
Illinois	State Program - NELAP	200078	10/10/2023
Kentucky	State Program	80215	06/30/2023
Kentucky	State Program	KY90047	12/31/2023
Louisiana	State Program - NELAP	LA037	12/31/2023
Louisiana	State Program - NELAP	04015	06/30/2023
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	47701	07/31/2023
North Carolina	State Program	415	12/31/2023
Pennsylvania	State Program - NELAP	68-03195	05/31/2023
South Carolina	State Program	84002	06/30/2023
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2023
Virginia	State Program	00106	06/30/2023
Virginia	State Program - NELAP	460181	09/14/2023

Waypoint ANALYTICAL

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Sample Summary Table

Report Number: **23-082-0040**

Client Project Description: **Prime Time Head Start at Jeanerette**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
87846	1-1-KIT-KF(L)-P	Aqueous	03/23/2023 07:01	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87847	1-1-KIT-KF(R)-P	Aqueous	03/23/2023 07:02	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87848	1-1-103-CF-P	Aqueous	03/23/2023 07:09	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87849	1-1-HAL(by103)-WD(C)-P	Aqueous	03/23/2023 07:05	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87850	1-1-HAL(by103)-WD(H)-P	Aqueous	03/23/2023 07:06	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87851	1-1-FAC111A-F-P	Aqueous	03/23/2023 07:07	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87852	1-1-104-CF-P	Aqueous	03/23/2023 07:09	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87853	1-1-105-CF-P	Aqueous	03/23/2023 07:10	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87854	1-1-HAL(by105)-WD(C)-P	Aqueous	03/23/2023 07:11	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87855	1-1-HAL(by105)-WD(H)-P	Aqueous	03/23/2023 07:12	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87856	1-1-106-CF-P	Aqueous	03/23/2023 07:13	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87857	1-1-107-CF-P	Aqueous	03/23/2023 07:14	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87858	1-1-GBath115-BF(L)-P	Aqueous	03/23/2023 07:10	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87859	1-1-BBath116-BF-P	Aqueous	03/23/2023 07:17	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87860	1-1-110-CF-P	Aqueous	03/23/2023 07:18	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87861	1-1-112-CF-P	Aqueous	03/23/2023 07:20	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87862	1-1-HAL(by112)-WD(C)-P	Aqueous	03/23/2023 07:21	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87863	1-1-HAL(by112)-WD(H)-P	Aqueous	03/23/2023 07:22	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87864	1-1-114-CF-P	Aqueous	03/23/2023 07:23	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87865	1-1-HAL(by126/127)-BF(L)-P	Aqueous	03/23/2023 07:25	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87866	1-1-HAL(by124)-WD(C)-P	Aqueous	03/23/2023 07:26	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87867	1-1-HAL(by124)-WD(H)-P	Aqueous	03/23/2023 07:27	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87868	1-1-132-F-P	Aqueous	03/23/2023 07:28	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87869	1-1-132-SB-P	Aqueous	03/23/2023 07:29	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN

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

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Summary of Detected Analytes

Project: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1-1-KIT-KF(L)-P	**A 87846**					
EPA-200.8 (DW)	Lead	4.97	µg/L	0.500	03/30/2023 14:10	
1-1-KIT-KF(R)-P	**A 87847**					
EPA-200.8 (DW)	Lead	9.42	µg/L	0.500	03/30/2023 14:12	
1-1-103-CF-P	**A 87848**					
EPA-200.8 (DW)	Lead	13.2	µg/L	0.500	03/30/2023 14:13	
1-1-FAC111A-F-P	**A 87851**					
EPA-200.8 (DW)	Lead	3.13	µg/L	0.500	03/30/2023 14:19	
1-1-104-CF-P	**A 87852**					
EPA-200.8 (DW)	Lead	3.66	µg/L	0.500	03/30/2023 14:21	
1-1-105-CF-P	**A 87853**					
EPA-200.8 (DW)	Lead	2.09	µg/L	0.500	03/30/2023 14:23	
1-1-106-CF-P	**A 87856**					
EPA-200.8 (DW)	Lead	3.27	µg/L	0.500	03/30/2023 14:32	
1-1-107-CF-P	**A 87857**					
EPA-200.8 (DW)	Lead	5.90	µg/L	0.500	03/30/2023 14:33	
1-1-GBath115-BF(L)	**A 87858**					
EPA-200.8 (DW)	Lead	20.2	µg/L	0.500	03/30/2023 14:35	
1-1-BBath116-BF-P	**A 87859**					
EPA-200.8 (DW)	Lead	9.07	µg/L	0.500	03/30/2023 14:37	
1-1-110-CF-P	**A 87860**					
EPA-200.8 (DW)	Lead	1.86	µg/L	0.500	03/30/2023 14:39	
1-1-112-CF-P	**A 87861**					
EPA-200.8 (DW)	Lead	1.56	µg/L	0.500	03/30/2023 14:41	
1-1-114-CF-P	**A 87864**					
EPA-200.8 (DW)	Lead	2.79	µg/L	0.500	03/30/2023 14:46	
1-1-HAL(by126/127	**A 87865**					
EPA-200.8 (DW)	Lead	3.18	µg/L	0.500	03/30/2023 14:48	

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Summary of Detected Analytes

Project: **Prime Time Head Start at Jeanerette**

Report Number: **23-082-0040**

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1-1-132-F-P	**A 87868**					
EPA-200.8 (DW)	Lead	9.45	µg/L	0.500	03/30/2023 15:06	
1-1-132-SB-P	**A 87869**					
EPA-200.8 (DW)	Lead	15.2	µg/L	0.500	03/30/2023 15:08	

Matrix New World Engineering
Ms. Dawn Brown
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Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-KIT-KF(L)-P

Date Collected 03/23/2023 07:01 **WPA Lab No** 87846
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:10:12	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**4.97**	0.500	µg/L

1-1-KIT-KF(R)-P

Date Collected 03/23/2023 07:02 **WPA Lab No** 87847
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:12:02	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**9.42**	0.500	µg/L

1-1-103-CF-P

Date Collected 03/23/2023 07:09 **WPA Lab No** 87848
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:13:52	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**13.2**	0.500	µg/L

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

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Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-HAL(by103)-WD(C)-P

Date Collected 03/23/2023 07:05 **WPA Lab No** 87849
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:15:42	CPW	L673443

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

1-1-HAL(by103)-WD(H)-P

Date Collected 03/23/2023 07:06 **WPA Lab No** 87850
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:17:33	CPW	L673443

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

1-1-FAC111A-F-P

Date Collected 03/23/2023 07:07 **WPA Lab No** 87851
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:19:24	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**3.13**	0.500	µg/L

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

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Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-104-CF-P

Date Collected 03/23/2023 07:09 **WPA Lab No** 87852
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:21:16	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**3.66**	0.500	µg/L

1-1-105-CF-P

Date Collected 03/23/2023 07:10 **WPA Lab No** 87853
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:23:07	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**2.09**	0.500	µg/L

1-1-HAL(by105)-WD(C)-P

Date Collected 03/23/2023 07:11 **WPA Lab No** 87854
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:24:59	CPW	L673443

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

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

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Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-HAL(by105)-WD(H)-P

Date Collected 03/23/2023 07:12 **WPA Lab No** 87855
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:26:52	CPW	L673443

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

1-1-106-CF-P

Date Collected 03/23/2023 07:13 **WPA Lab No** 87856
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:32:02	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**3.27**	0.500	µg/L

1-1-107-CF-P

Date Collected 03/23/2023 07:14 **WPA Lab No** 87857
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:33:52	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**5.90**	0.500	µg/L

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

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Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-GBath115-BF(L)-P

Date Collected 03/23/2023 07:10 **WPA Lab No** 87858
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:35:42	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**20.2**	0.500	µg/L

1-1-BBath116-BF-P

Date Collected 03/23/2023 07:17 **WPA Lab No** 87859
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:37:33	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**9.07**	0.500	µg/L

1-1-110-CF-P

Date Collected 03/23/2023 07:18 **WPA Lab No** 87860
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:39:24	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.86**	0.500	µg/L

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

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Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-112-CF-P

Date Collected 03/23/2023 07:20 **WPA Lab No** 87861
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:41:15	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.56**	0.500	µg/L

1-1-HAL(by112)-WD(C)-P

Date Collected 03/23/2023 07:21 **WPA Lab No** 87862
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:43:06	CPW	L673443

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

1-1-HAL(by112)-WD(H)-P

Date Collected 03/23/2023 07:22 **WPA Lab No** 87863
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:44:58	CPW	L673443

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

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

Matrix New World Engineering
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Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-114-CF-P

Date Collected 03/23/2023 07:23 **WPA Lab No** 87864
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:46:50	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**2.79**	0.500	µg/L

1-1-HAL(by126/127)-BF(L)-P

Date Collected 03/23/2023 07:25 **WPA Lab No** 87865
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673125	EPA-200.8	50 mL	1	3/30/2023 14:48:42	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**3.18**	0.500	µg/L

1-1-HAL(by124)-WD(C)-P

Date Collected 03/23/2023 07:26 **WPA Lab No** 87866
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:02:44	CPW	L673443

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

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

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Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0040
Report Date: 4/3/2023

Sample Results

1-1-HAL(by124)-WD(H)-P

Date Collected 03/23/2023 07:27 **WPA Lab No** 87867
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:04:35	CPW	L673443

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

1-1-132-F-P

Date Collected 03/23/2023 07:28 **WPA Lab No** 87868
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:06:27	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**9.45**	0.500	µg/L

1-1-132-SB-P

Date Collected 03/23/2023 07:29 **WPA Lab No** 87869
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:08:18	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**15.2**	0.500	µg/L

Qualifiers/ Definitions MDL Method Detection Limit MQL Method Quantitation Limit

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Quality Control Data

Client ID: **Matrix New World Engineering**
Project Description: **Prime Time Head Start at Jeanerette**
Report No: **23-082-0040**

QC Prep: L673125
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): L673443
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L673125 Matrix: AQU

Associated Lab Samples: 87846, 87847, 87848, 87849, 87850, 87851, 87852, 87853, 87854, 87855, 87856, 87857, 87858, 87859, 87860, 87861, 87862, 87863, 87864, 87865

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	03/30/23 14:06

Laboratory Control Sample LCS-L673125

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	50.7	101	85-115

Matrix Spike & Matrix Spike Duplicate A 87865-MS-L673125 A 87865-MSD-L673125

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	3.18	50.5	50.5	52.1	52.6	97.0	98.0	70-130	0.9	20.0

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Quality Control Data

Client ID: **Matrix New World Engineering**
Project Description: **Prime Time Head Start at Jeanerette**
Report No: **23-082-0040**

QC Prep: L673126
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): L673443
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L673126 Matrix: AQU
Associated Lab Samples: 87866, 87867, 87868, 87869

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	03/30/23 14:52

Laboratory Control Sample LCS-L673126

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	50.1	100	85-115

Matrix Spike & Matrix Spike Duplicate A 87888-MS-L673126 A 87888-MSD-L673126

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	< 0.505	50.5	50.5	49.7	50.2	98.0	99.0	70-130	1.0	20.0

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Shipment Receipt Form

Customer Number: **01312**
Customer Name: **Matrix New World Engineering**
Report Number: **23-082-0040**

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	
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 - 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: Brandi Hidalgo Date & Time: 03/23/2023 13:28:00

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Kit ID:	**205658**
Initiated By:	**Amy Jackson**
Initiated Date:	**3/20/2023**
Project Comment	

CHAIN-OF-CUSTODY

23-082-0040
01312
03-24-2023
10:00:09
Matrix New World Engineering
Prime Time Head Start at Jeanerette

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Ms. Dawn Brown	
Site Name Prime Time Head Start at Jeanerette	**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
LIMS Project ID	**Project Manager Phone #** 225-292-3271	**Project Manager Email** dbrown@mnwe.com	**Site/Facility ID #**

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
3-23-2023	7:01	1-1-KIT-KF(L)-P 87846	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:02	1-1-KIT-KF(R)-P 87847	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:09	1-1-103-CF-P 87848	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:05	1-1-HAL(by103)-WD(C)-P 87849	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:06	1-1-HAL(by103)-WD(H)-P 87850	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:07	1-1-FAC111A-F-P 87851	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:09	1-1-104-CF-P 87852	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:10	1-1-105-CF-P 87853	Aqueous		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	Kaleb Desbotels			
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			[signature]	3/23 1030	Kaitlyn Hendrix 03/23/23 1157	
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
N/A			Kaitlyn Hendrix 03/23/23 1328		Brandi Hidalgo	3-23-23 1328
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time

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Kit ID:	**205658**
Initiated By:	**Amy Jackson**
Initiated Date:	**3/20/2023**
Project Comment	

CHAIN-OF-CUSTODY

Company Name	**Company Number**	**Client Project Manager/Contact**	**Purchase Order Number**
Matrix New World Engineering	01312	Ms. 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
Prime Time Head Start at Jeanerette			
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
	225-292-3271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
3-23-2023	7:11	1-1-HAL(by105)-WD(C)-P 87854	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:12	1-1-HAL(by105)-WD(H)-P 87855	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:13	1-1-106-CF-P 87856	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:14	1-1-107-CF-P 87857	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:16	1-1-GBath115-BF(L)-P 87858	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:17	1-1-BBath116-BF-P 87859	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:18	1-1-110-CF-P 87860	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:20	1-1-112-CF-P 87861	Aqueous		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	Kaleb Deshotel				
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
			Kaleb	3/24 1030	Kathy Hendrix	03/23/23 1157	
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	
N/A			Kathy Hendrix	03/23/23 1328	Brandi Hidalgo	3-23-23 1328	
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time	

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Kit ID:	**205658**
Initiated By:	**Amy Jackson**
Initiated Date:	**3/20/2023**
Project Comment	

CHAIN-OF-CUSTODY

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Ms. 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
Prime Time Head Start at Jeanerette			
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
	225-292-3271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
3-23-2023	7:21	1-1-HAL(by112)-WD(C)-P 87862	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:22	1-1-HAL(by112)-WD(H)-P 87863	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:23	1-1-114-CF-P 87864	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:25	1-1-HAL(by126/127)-BF(L)-P 87865	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:26	1-1-HAL(by124)-WD(C)-P 87866	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:27	1-1-HAL(by124)-WD(H)-P 87867	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:28	1-1-132-F-P 87868	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:29	1-1-132-SB-P 87869	Aqueous		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	Kaleb DeShotels			
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Kaleb D	3/23 1020	Kathy Hendrix	03/23/23 1157
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
N/A			Kathy Hendrix	03/23/23 1328	Brandi Hidalgo	3-23-23 1328
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time

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4/3/2023

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA, 70818

Ref: Report Number: 23-082-0042
Project Description: Prime Time Head Start at Jeanerette

Dear Ms. Dawn Brown:

Waypoint Analytical Louisiana, Inc. received sample(s) on 3/23/2023 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

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Certification Summary

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

State	Program	Lab ID	Expiration Date
Georgia	State Program	02041	06/30/2023
Louisiana	State Program - NELAP	02041	06/30/2023

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

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/29/2024
Arkansas	State Program	88-0650	02/07/2024
California	State Program	2904	06/30/2023
Florida	State Program - NELAP	E871157	06/30/2023
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2023
Illinois	State Program - NELAP	200078	10/10/2023
Kentucky	State Program	80215	06/30/2023
Kentucky	State Program	KY90047	12/31/2023
Louisiana	State Program - NELAP	LA037	12/31/2023
Louisiana	State Program - NELAP	04015	06/30/2023
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	47701	07/31/2023
North Carolina	State Program	415	12/31/2023
Pennsylvania	State Program - NELAP	68-03195	05/31/2023
South Carolina	State Program	84002	06/30/2023
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2023
Virginia	State Program	00106	06/30/2023
Virginia	State Program - NELAP	460181	09/14/2023

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Sample Summary Table

Report Number: **23-082-0042**

Client Project Description: **Prime Time Head Start at Jeanerette**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
87873	1-1-KIT-KF(L)-F	Aqueous	03/23/2023 07:02	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87874	1-1-KIT-KF(R)-F	Aqueous	03/23/2023 07:03	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87875	1-1-103-CF-F	Aqueous	03/23/2023 07:05	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87876	1-1-HAL(by103)-WD(C)-F	Aqueous	03/23/2023 07:00	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87877	1-1-HAL(by103)-WD(H)-F	Aqueous	03/23/2023 07:07	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87878	1-1-FAC111A-F-F	Aqueous	03/23/2023 07:08	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87879	1-1-104-CF-F	Aqueous	03/23/2023 07:10	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87880	1-1-105-CF-F	Aqueous	03/23/2023 07:11	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87881	1-1-HAL(by105)-WD(C)-F	Aqueous	03/23/2023 07:12	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87882	1-1-HAL(by105)-WD(H)-F	Aqueous	03/23/2023 07:13	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87883	1-1-106-CF-F	Aqueous	03/23/2023 07:14	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87884	1-1-107-CF-F	Aqueous	03/23/2023 07:15	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87885	1-1-GBath115-BF(L)-F	Aqueous	03/23/2023 07:17	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87886	1-1-BBath116-BF-F	Aqueous	03/23/2023 07:18	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87887	1-1-110-CF-F	Aqueous	03/23/2023 07:19	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87888	1-1-112-CF-F	Aqueous	03/23/2023 07:21	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87889	1-1-HAL(by112)-WD(C)-F	Aqueous	03/23/2023 07:22	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87890	1-1-HAL(by112)-WD(H)-F	Aqueous	03/23/2023 07:23	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87891	1-1-114-CF-F	Aqueous	03/23/2023 07:24	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87892	1-1-HAL(by126/127)-BF(L)-F	Aqueous	03/23/2023 07:26	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87893	1-1-HAL(by124)-WD(C)-F	Aqueous	03/23/2023 07:27	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87894	1-1-HAL(by124)-WD(H)-F	Aqueous	03/23/2023 07:28	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87895	1-1-132-F-F	Aqueous	03/23/2023 07:29	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN
87896	1-1-132-SB-F	Aqueous	03/23/2023 07:30	03/23/2023 13:28	EPA-200.8 (DW)	WP MTN

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

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Summary of Detected Analytes

Project: **Prime Time Head Start at Jeanerette**

Report Number: **23-082-0042**

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
1-1-KIT-KF(L)-F	**A 87873**					
EPA-200.8 (DW)	Lead	0.532	µg/L	0.500	03/30/2023 15:10	
1-1-KIT-KF(R)-F	**A 87874**					
EPA-200.8 (DW)	Lead	1.47	µg/L	0.500	03/30/2023 15:12	
1-1-103-CF-F	**A 87875**					
EPA-200.8 (DW)	Lead	1.39	µg/L	0.500	03/30/2023 15:18	
1-1-104-CF-F	**A 87879**					
EPA-200.8 (DW)	Lead	1.75	µg/L	0.500	03/30/2023 15:26	
1-1-107-CF-F	**A 87884**					
EPA-200.8 (DW)	Lead	4.62	µg/L	0.500	03/30/2023 15:35	
1-1-GBath115-BF(L)	**A 87885**					
EPA-200.8 (DW)	Lead	1.20	µg/L	0.500	03/30/2023 15:42	
1-1-BBath116-BF-F	**A 87886**					
EPA-200.8 (DW)	Lead	1.19	µg/L	0.500	03/30/2023 15:43	
1-1-HAL(by126/127	**A 87892**					
EPA-200.8 (DW)	Lead	1.21	µg/L	0.500	03/30/2023 16:07	
1-1-132-F-F	**A 87895**					
EPA-200.8 (DW)	Lead	1.84	µg/L	0.500	03/30/2023 16:12	
1-1-132-SB-F	**A 87896**					
EPA-200.8 (DW)	Lead	8.07	µg/L	0.500	03/30/2023 16:14	

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-KIT-KF(L)-F

Date Collected 03/23/2023 07:02 **WPA Lab No** 87873
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:10:10	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**0.532**	0.500	µg/L

1-1-KIT-KF(R)-F

Date Collected 03/23/2023 07:03 **WPA Lab No** 87874
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:12:02	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.47**	0.500	µg/L

1-1-103-CF-F

Date Collected 03/23/2023 07:05 **WPA Lab No** 87875
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:18:42	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.39**	0.500	µg/L

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

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-HAL(by103)-WD(C)-F

Date Collected 03/23/2023 07:00 **WPA Lab No** 87876
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:20:33	CPW	L673443

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

1-1-HAL(by103)-WD(H)-F

Date Collected 03/23/2023 07:07 **WPA Lab No** 87877
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:22:24	CPW	L673443

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

1-1-FAC111A-F-F

Date Collected 03/23/2023 07:08 **WPA Lab No** 87878
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:24:15	CPW	L673443

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

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-104-CF-F

Date Collected 03/23/2023 07:10 **WPA Lab No** 87879
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:26:06	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.75**	0.500	µg/L

1-1-105-CF-F

Date Collected 03/23/2023 07:11 **WPA Lab No** 87880
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:27:57	CPW	L673443

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

1-1-HAL(by105)-WD(C)-F

Date Collected 03/23/2023 07:12 **WPA Lab No** 87881
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:29:49	CPW	L673443

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

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-HAL(by105)-WD(H)-F

Date Collected 03/23/2023 07:13 **WPA Lab No** 87882
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:31:40	CPW	L673443

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

1-1-106-CF-F

Date Collected 03/23/2023 07:14 **WPA Lab No** 87883
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:33:32	CPW	L673443

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

1-1-107-CF-F

Date Collected 03/23/2023 07:15 **WPA Lab No** 87884
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:35:24	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**4.62**	0.500	µg/L

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

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-GBath115-BF(L)-F

Date Collected 03/23/2023 07:17 **WPA Lab No** 87885
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:42:05	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.20**	0.500	µg/L

1-1-BBath116-BF-F

Date Collected 03/23/2023 07:18 **WPA Lab No** 87886
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:43:57	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.19**	0.500	µg/L

1-1-110-CF-F

Date Collected 03/23/2023 07:19 **WPA Lab No** 87887
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:45:48	CPW	L673443

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

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-112-CF-F

Date Collected 03/23/2023 07:21 **WPA Lab No** 87888
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673126	EPA-200.8	50 mL	1	3/30/2023 15:47:40	CPW	L673443

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

1-1-HAL(by112)-WD(C)-F

Date Collected 03/23/2023 07:22 **WPA Lab No** 87889
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 15:56:57	CPW	L673443

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

1-1-HAL(by112)-WD(H)-F

Date Collected 03/23/2023 07:23 **WPA Lab No** 87890
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 15:58:49	CPW	L673443

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

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-114-CF-F

Date Collected 03/23/2023 07:24 **WPA Lab No** 87891
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 16:05:30	CPW	L673443

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

1-1-HAL(by126/127)-BF(L)-F

Date Collected 03/23/2023 07:26 **WPA Lab No** 87892
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 16:07:22	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.21**	0.500	µg/L

1-1-HAL(by124)-WD(C)-F

Date Collected 03/23/2023 07:27 **WPA Lab No** 87893
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 16:09:14	CPW	L673443

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

Matrix New World Engineering
Ms. Dawn Brown
2798 O'Neal Lane, Building F
Baton Rouge, LA 70818

Project Information: Prime Time Head Start at Jeanerette

Report Number: 23-082-0042
Report Date: 4/3/2023

Sample Results

1-1-HAL(by124)-WD(H)-F

Date Collected 03/23/2023 07:28 **WPA Lab No** 87894
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 16:11:06	CPW	L673443

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

1-1-132-F-F

Date Collected 03/23/2023 07:29 **WPA Lab No** 87895
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 16:12:57	CPW	L673443

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

1-1-132-SB-F

Date Collected 03/23/2023 07:30 **WPA Lab No** 87896
Date Received 03/23/2023 13:28 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
03/30/2023 12:29	L673131	EPA-200.8	50 mL	1	3/30/2023 16:14:49	CPW	L673443

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**8.07**	0.500	µg/L

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

Waypoint ANALYTICAL
5041 Taravella Road, Marrero, LA 70072
Main 504-371-8557 ° Fax 504-371-8560
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Quality Control Data

Client ID: **Matrix New World Engineering**
Project Description: **Prime Time Head Start at Jeanerette**
Report No: **23-082-0042**

QC Prep: L673126
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): L673443
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L673126 Matrix: AQU

Associated Lab Samples: 87873, 87874, 87875, 87876, 87877, 87878, 87879, 87880, 87881, 87882, 87883, 87884, 87885, 87886, 87887, 87888

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	03/30/23 14:52

Laboratory Control Sample LCS-L673126

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	50.1	100	85-115

Matrix Spike & Matrix Spike Duplicate A 87888-MS-L673126 A 87888-MSD-L673126

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	< 0.505	50.5	50.5	49.7	50.2	98.0	99.0	70-130	1.0	20.0

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Quality Control Data

Client ID: **Matrix New World Engineering**
Project Description: **Prime Time Head Start at Jeanerette**
Report No: **23-082-0042**

QC Prep: L673131
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): L673443
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L673131 Matrix: AQU
Associated Lab Samples: 87889, 87890, 87891, 87892, 87893, 87894, 87895, 87896

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	03/30/23 15:38

Laboratory Control Sample LCS-L673131

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	51.3	103	85-115

Matrix Spike & Matrix Spike Duplicate L 88201-MS-L673131 L 88201-MSD-L673131

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	10.7	50.5	50.5	57.9	60.3	93.0	98.0	70-130	4.0	20.0

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Shipment Receipt Form

Customer Number: **01312**
Customer Name: **Matrix New World Engineering**
Report Number: **23-082-0042**

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	
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 - 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: Brandi Hidalgo Date & Time: 03/23/2023 13:28:00

Waypoint ANALYTICAL

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Kit ID:	**205659**
Initiated By:	**Amy Jackson**
Initiated Date:	**3/20/2023**
Project Comment	

CHAIN-OF-CUSTODY

23-082-0042
01312
03-24-2023
14:51:10
Matrix New World Engineering
Prime Time Head Start at Jeanerette

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Ms. 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
Prime Time Head Start at Jeanerette			
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
	225-292-3271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
3-23-2023	7:02	1-1-KIT-KF(L)-F 87873	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:03	1-1-KIT-KF(R)-F 87874	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:05	1-1-103-CF-F 87875	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:00	1-1-HAL(by103)-WD(C)-F 87876	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:07	1-1-HAL(by103)-WD(H)-F 87877	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:08	1-1-FAC111A-F-F 87878	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:10	1-1-104-CF-F 87879	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:11	1-1-105-CF-F 87880	Aqueous		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	Kaleb Deshotels				
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time
			[signature]	3/23	1020	Kathy Hendrix	03/23/23 1157
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time
N/A			Kathy Hendrix	03/23/23	1328	Brandi Hidalgo	3-23-23 1328
			Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time

Waypoint ANALYTICAL

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Kit ID:	**205659**
Initiated By:	**Amy Jackson**
Initiated Date:	**3/20/2023**
Project Comment	

CHAIN-OF-CUSTODY

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Ms. 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
Prime Time Head Start at Jeanerette			
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
	225-292-3271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
3-23-2023	7:12	1-1-HAL(by105)-WD(C)-F 87881	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:13	1-1-HAL(by105)-WD(H)-F 87882	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:14	1-1-106-CF-F 87883	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:15	1-1-107-CF-F 87884	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:17	1-1-GBath115-BF(L)-F 87885	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:18	1-1-BBath116-BF-F 87886	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:19	1-1-110-CF-F 87887	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:21	1-1-112-CF-F 87888	Aqueous		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	Kaleb DeShotels				
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time
			[signature]	3/23	1050	[signature]	03/23/23 1157
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time
N/A			[signature] 03/23/23	1328		Brandi Hidalgo	3-23-23 1328
			Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time

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Kit ID:	205659
Initiated By:	Amy Jackson
Initiated Date:	3/20/2023
Project Comment	

CHAIN-OF-CUSTODY

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Ms. 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
Prime Time Head Start at Jeanerette			
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
	225-292-3271	dbrown@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
3-23-2023	7:22	1-1-HAL(by112)-WD(C)-F 87889	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:23	1-1-HAL(by112)-WD(H)-F 87890	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:24	1-1-114-CF-F 87891	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:26	1-1-HAL(by126/127)-BF(L)-F 87892	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:27	1-1-HAL(by124)-WD(C)-F 87893	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:28	1-1-HAL(by124)-WD(H)-F 87894	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:29	1-1-132-F-F 87895	Aqueous		1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	7:30	1-1-132-SB-F 87896	Aqueous		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	Kaleb Deshotels			
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			Kevin Dow	3/23 1050	Kathy Hendrix	03/23/23 1157
Blank/Cooler Temp			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
N/A			Kathy Hendrix	03/23/23 1328	Brandi Hidalgo	3-23-23 1328
			Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time

MATRIXNEWORLD
Engineering Progress

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:

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.

See the Flushing Best Practices Factsheet for more information.

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.

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.

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.