ADDENDUM TO THE FINAL SAMPLING REPORT
WIIN GRANT LEAD TESTING PROGRAM

BRUSLY ELEMENTARY

400 South LaBauve Avenue, Brusly, Louisiana 70719
West Baton Rouge Parish

Prepared for:

Caryn Benjamin
LDH-OPH, Engineering Services
628 N. Fourth Street
P.O. Box 4489
Baton Rouge, LA 70821

Prepared by:

Matrix New World Engineering, Land Surveying and Landscape Architecture, PC
2798 O'Neal Lane, Building F
Baton Rouge, LA 70816
225.508.4792
matrixneworld.com

Date:

June 1, 2026

Matrix Project No.: 22-0097 (R23-01121)

MATRIXNEWORLD
Engineering Progress

TABLE OF CONTENTS

TABLES

ATTACHMENTS

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 Addendum to the Final Sampling Report (the Addendum) for Brusly Elementary (the School). Matrix developed the Addendum as a result of follow-up sampling at the School.

This Addendum provides a summary of the activities following the Final Sampling Report dated December 19, 2025.

1.1 Background

Matrix, as a contractor for LDH, sampled the sources of water used for consumption at the School on December 3, 2025, in accordance with EPA's 3Ts for Reducing Lead in Drinking Water in Schools and Child Care Facilities (the 3Ts). Following receipt of the results, Matrix notified LDH and the School within 24 hours of exceedances of the lead action level (15 parts per billion [ppb]). Matrix provided the School with an initial recommendation to immediately remove the identified fixtures from service until remediation activities were performed. On December 19, 2025, Matrix provided the School with the Final Sampling Report dated December 19, 2025 (the Report). The Report included recommended remediation for the fixtures with results greater than the lead action level (15 ppb)

1.2 Purpose and Scope

Following receipt of the Final Sampling Report, the School replaced the fixtures with sample results greater than the lead action level (15 ppb). Based on the remediation guidance provided by LDH and EPA, Matrix performed follow-up sampling to ensure lead levels were reduced. The initial and follow-up sampling results are summarized in Section 3.0.

2.0 FOLLOW-UP SAMPLING

The School completed remediation for the fixtures with sample results greater than the lead action level (15 ppb) on April 24, 2026. The School's Remediation Certification Form is included in **Attachment 1**. Matrix reviewed the selected remediation and determined, based on the 3Ts guidelines, that follow-up sampling was required at the School. Matrix returned to the School to conduct sampling on May 13, 2026. One fixture was sampled and the results are included in **Table 3.1** below. The second fixture, the spray nozzle on the classroom sink in Room 103 of Building 1 (fixture ID 1-1-103-CF(S)), was not working and could not be sampled.

2.1 Sampling Procedures

On May 13, 2026, Matrix collected samples from the fixture included in **Table 3.1** utilizing the same procedures as those used for the initial sampling. Matrix ensured that the water was unused in the School's pipes/fixtures for a minimum of eight, but not more than eighteen, hours prior to sampling. Matrix began the sampling event prior to any water being used at the School. The first-draw/primary sample and flush sample were collected for the fixture utilizing the procedures outlined in the 3Ts (see Section 3.1 of the Report for more information). At the time of resampling, the spray nozzle on the classroom sink in Room 103 of Building 1, fixture ID 1-1-103-CF(S), was not working and could not be sampled.

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)

Facility maps indicating the fixture locations, photo identification of the fixtures, and a list of codes and abbreviations used in the fixture IDs can be found in the Report dated December 19, 2025.

2.2 Laboratory Analysis

Samples collected by Matrix were submitted to Waypoint Analytical, a laboratory certified by LDH. Waypoint analyzed the samples for lead using the EPA Method 200.8 and a Reporting Limit of 0.500 micrograms per liter (µg/L).

3.0 SUMMARY

Matrix received the final laboratory analytical report, included in **Attachment 2**, on May 21, 2026. A summary of the initial sampling results, remediation completed, and follow-up sampling results is included in **Table 3.1** below.

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

Sample results exceeding the lead action level of 15 ppb (15 µg/L) are shaded red.

MATRIXNEWORLD
Engineering Progress

TABLE 3.1 SAMPLE RESULTS SUMMARY

Fixture ID	Location	Fixture Type	Initial Sampling		Remediation Completed	Follow-up Sampling	
			Primary Sample (ppb)	Flush Sample (ppb)		Primary Sample (ppb)	Flush Sample (ppb)
1-1-302-CF(S)	Building 1 Room 302 Spray nozzle on classroom sink	Faucet/Spray Nozzle	**16.8**	3.68	Replace spray nozzle with a fixture certified to be lead free	<0.500	<0.500
1-1-103-CF(S)	Building 1 Room 103 Spray nozzle on classroom sink	Faucet/Spray Nozzle	**19.0**	1.23	Replace spray nozzle with a fixture certified to be lead free	Not working at the time of sampling	

4.0 FOLLOW-UP RECOMMENDATIONS

As indicated by the results summarized in **Table 3.1** above, the School's remediation activities resulted in lead values below the lead action level (15 ppb) and the program remediation trigger (10 ppb) for the fixture that was sampled.

5.0 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 provided the School with a Final Sampling Report dated December 19, 2025, which included recommended remediation for the fixture that exceeded the program remediation trigger (10 ppb). The School completed remediation, and Matrix performed follow-up sampling on May 13, 2026.

The results of the follow-up sampling indicate the lead concentration in water from the resampled fixture is now below the lead action level and program remediation trigger.

However, given the physical and behavioral effects of lead and the vulnerability of young children to lead, LDH continues to recommend the School implement the routine practices and recommendations outlined in Section 6.0 of the Final Sampling Report dated December 19, 2025.

6.0 SIGNATURES

June 1, 2026

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

Date

June 1, 2026

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

Date

ATTACHMENT 1

REMEDIATION CERTIFICATION FORM

LOUISIANA DEPARTMENT OF HEALTH
Engineering Services

WIIN LEAD REMEDIATION CERTIFICATION FORM

School / Child Care Facility Name: Brusly Elementary **Phone #** (225) 749-2125

The LDH WIIN program lead remediation trigger level in drinking water samples is set at 10 parts per billion (ppb). Results of the recent sampling event has revealed elevated lead levels (>10 ppb) at one or more water outlets. Please carefully review the recommended remediation actions provided in the Final Lead Testing Report. These recommendations have been developed in accordance with the EPA 3T's for Reducing Lead in Drinking Water and provide immediate and long-term remediation actions to address the source of lead and protect children, staff and visitors within the facility.

As part of the WIIN grant, LDH is required to track remediation actions taken by each school or childcare facility. Once the facility has completed any necessary remediation, follow the directions below and submit (email) the completed form to:

Dawn Brown
Matrix New World Engineering
225-241-9460
dbrown@mnwe.com

In the following table:
1) For fixtures with a lead result > 10 ppb, Provide the fixture ID's (from the final report) and sample site descriptions.
2) Provide the date of sample collection for each fixture.
3) Provide the first draw and flush sample results for each fixture (in parts per billion – ppb).
4) List the remediation actions taken at each fixture along with the date of completion.

	Fixture ID - Sample Site Description	Sample Date	1st Draw Result (ppb)	Flush Result (ppb)	Remediation Action Taken	Date of Action
EX.	***EXAMPLE:*** *K-1-118-CF(L) - classroom faucet (left), building K, Room 118*	*8/5/22*	*11.5 ppb*	*3.2 ppb*	*Placed "Do Not Drink" Sign on Fixture*	*8/24/22*
1	1-1-302-CF(S)- Bldg 1, Room 302, Spray nozzle on classroom sink	12/3/2025	16.8	**3.68**	Placed Not for Cooking/ Drinking Sign on Fixture	1/3/24
2	1-1-103-CF(S)- Bldg 1, Room 103, Spray nozzle on classroom sink	12/3/2025	19.0	**1.23**	//	//
3	Item 1 + 2 -- Replace fixtures				Replace Fixtures	4/24/24
4						
5						
6						
7						
8						
9						
10						

I certify that I am familiar with the information contained on these forms and that, to the best of my knowledge, the information is true, complete, and accurate.

NAME: Ana G. Bourgoyne **TITLE:** Admin. Assistant

SIGNATURE: _____ **DATE:** 1/3/24

MATRIXNEWORLD
Engineering Progress

ATTACHMENT 2

FOLLOW-UP SAMPLING ANALYTICAL LABORATORY REPORT

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

5/21/2026

Matrix New World Engineering
Maggie Turner
6717 Complex Drive
Baton Rouge, LA, 70809

Ref: Report Number: 26-133-0021
Project Description: Brusly Elementary

Dear Maggie Turner:

Waypoint Analytical Louisiana, Inc. received sample(s) on 5/13/2026 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. 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

2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Certification Summary

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

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	11/14/2026
Arkansas	State Program	Lab-0063	02/05/2027
California	State Program	2904	06/30/2026
Florida	State Program - NELAP	E871157	06/30/2026
Georgia	State Program	04015	06/30/2026
Georgia	State Program	C044	08/11/2028
Illinois	State Program - NELAP	200078	10/31/2026
Kentucky	State Program	80215	06/30/2026
Kentucky	State Program	KY90047	12/31/2026
Louisiana	State Program - NELAP	04015	06/30/2026
Louisiana	State Program - NELAP	LA037	06/30/2026
Mississippi	State Program	MS	08/11/2028
North Carolina	State Program	415	12/31/2026
North Carolina	State Program	47701	07/31/2026
Oklahoma	State Program - NELAP	9311	12/31/2026
Pennsylvania	State Program - NELAP	68-03195	05/31/2026
South Carolina	State Program	84002	07/01/2026
Tennessee	State Program	02027	08/11/2028
Texas	State Program - NELAP	T104704180	09/30/2026
Virginia	State Program	00106	06/30/2026
Virginia	State Program - NELAP	460181	09/30/2026
West Virginia	State Program	426	03/31/2027

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

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

Sample Summary Table

Report Number: **26-133-0021**

Client Project Description: **Brusly Elementary**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
57880	1-1-302-CF(S)-P	Aqueous	05/13/2026 06:05	05/13/2026 13:55	EPA-200.8 (DW)	WP ETN
57881	1-1-302-CF(S)-F	Aqueous	05/13/2026 06:05	05/13/2026 13:55	EPA-200.8 (DW)	WP ETN

251 WP ETN - Memphis, TN: Waypoint Analytical - ETN, Memphis, TN

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

Summary of Detected Analytes

Project: Brusly Elementary

Report Number: 26-133-0021

Client Sample ID	Lab Sample ID					
Method	**Parameters**	**Result**	**Units**	**Report Limit**	**Analyzed**	**Qualifiers**

No Analytes Detected

Matrix New World Engineering
Maggie Turner
6717 Complex Drive
Baton Rouge, LA 70809

Project Information: Brusly Elementary

Report Number: 26-133-0021
Report Date: 5/21/2026

Sample Results

1-1-302-CF(S)-P

Date Collected 05/13/2026 06:05 **WPA Lab No** 57880
Date Received 05/13/2026 13:55 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/19/2026 11:30	W20528	EPA-200.8	50 mL	1	5/19/2026 14:38:08	BKN	W20957

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

1-1-302-CF(S)-F

Date Collected 05/13/2026 06:05 **WPA Lab No** 57881
Date Received 05/13/2026 13:55 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/19/2026 11:30	W20528	EPA-200.8	50 mL	1	5/19/2026 14:40:17	BKN	W20957

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		

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

Quality Control Data

Client ID: **Matrix New World Engineering**
Project Description: **Brusly Elementary**
Report No: **26-133-0021**

QC Prep: W20528
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): W20957
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-W20528 Matrix: AQU
Associated Lab Samples: 57880, 57881

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	05/19/26 14:00

Laboratory Control Sample LCS-W20528

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	49.6	99.0	85-115

Matrix Spike & Matrix Spike Duplicate A 57885-MS-W20528 A 57885-MSD-W20528

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	45.9	45.0	91.0	89.0	70-130	1.9	20.0

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

Shipment Receipt Form

Customer Number: **01312**
Customer Name: **Matrix New World Engineering**
Report Number: **26-133-0021**

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: Brandi Hidalgo Date & Time: 05/13/2026 13:55:00

Waypoint ANALYTICAL

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

Kit ID:	**340242**
Initiated By:	**Amy Jackson**
Initiated Date:	**5/8/2026**
Project Comment	Primary and Flush Resample

CHAIN-OF-CUSTODY

26-133-0021
01312
05-13-2026
13:42:15
Matrix New World Engineering
Brusly Elementary

Company Name	Company Number	Client Project Manager/Contact	Purchase Order Number
Matrix New World Engineering	01312	Maggie Turner	22-0097-01
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
Brusly Elementary School	22-0097-01		
LIMS Project ID	**Project Manager Phone #**	**Project Manager Email**	**Site/Facility ID #**
Matrix-Lead DW		mturner@mnwe.com	

Date	Time	Sample ID	Matrix	Grab/ Comp	# of Cont	Container Type	Preservation	Analyses
~~5/14/2026~~ 5/13	6:05	1-1-302-CF(S)-P 57880	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
		~~1-1-103-CF(S)-P~~	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
	6:05	1-1-302-CF(S)-F 57881	Aqueous	G	1	Plastic - 250ml	HNO3 - Nitric Acid	200.8 - Lead in DW
Not working		~~1-1-103-CF(S)-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	Dawn Brown				
Y/N	Y/N		Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time
				5/13	6:40	5/13/26	0640
Blank/Sample Temp in °C			Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time
Ambient			5/13/26	1355		Brenda Hidalgo	5-13-26 1355
			Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date Time