

**Sampling Date: August 11, 2020**  
**Submission Date: August 25, 2020**

# **Water Sampling Report**

## **Open Arms After Hours Childcare Center**

**801 St. John Street, Monroe, LA 71201**  
**(MMG Job # 3921 LDH-19)**



Prepared for:

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



By:



Materials Management Group, Inc.  
2401 Westbend Parkway, Suite 3010  
New Orleans, LA 70114

## Water Sampling Report (Sampling Date: 8/11/2020)

Open Arms After Hours Childcare Center  
801 St. John St., Monroe, LA 71201

Report Date: 8/25/2020  
MMG # 3921 LDH-19

### Table of Contents

Table of Contents .....	1
1.0 Introduction.....	2
2.0 Summary of Activities .....	2
2.1 MMG Personnel .....	2
2.2 Methodology .....	2
2.3 Field Activities .....	3
3.0 Analytical Results.....	3
4.0 Recommendation(s) from LDH.....	4
5.0 Signature of Principal .....	5
Appendices .....	5
Appendix A:       Sampling Maps	
Appendix B:       Laboratory Report and Chain of Custody Documentation	
Appendix C:       Laboratory Accreditations and Certifications	

## **1.0 Introduction**

Materials Management Group, Inc. (MMG) was retained by the Louisiana Department of Health – Office of Public Health (LDH-OPH) to conduct water sampling for the potential presence and concentration of lead in drinking water at primary schools and childcare facilities throughout Louisiana. MMG's scope of work includes testing sources of water used for consumption in a given school or childcare facility as determined by representatives of LDH-OPH. This report summarizes water testing performed at Open Arms After Hours Childcare Center, 801 St. John Street, Monroe, LA 71201 (School).

MMG personnel Sue-Claire Lichtveld and Dr. C. Paul Lo performed the initial facility assessment on August 10, 2020. A water sampling plan was submitted to LDH-OPH on August 14, 2020 and approved the same day. Water sampling was performed at the School on August 11, 2020 by MMG staff.

## **2.0 Summary of Activities**

### **2.1 MMG Personnel**

Sue-Claire Lichtveld and Dr. C. Paul Lo collected water samples from approved fixtures on August 11, 2020. All MMG personnel that conduct water sampling are LDEQ-accredited Lead Inspectors and Lead Risk Assessors. Table 2.1 below summarizes MMG personnel who conducted water sampling at the School and includes their certification information.

**Table 2.1 MMG Personnel Accreditation Information Summary**

<b>MMG Personnel</b>	<b>Accreditation Type</b>	<b>Certification Number</b>	<b>Date of Expiration</b>
<b>Dr. Paul Lo</b>	Lead Inspector	JI121486	01/7/2021
	Lead Risk Assessor	JR121486	01/8/2021
	Lead Project Supervisor	JS121486	01/09/2021
	Lead Designer	JD121486	01/09/2021
<b>Sue-Claire Lichtveld</b>	Lead Inspector	JI210196	07/09/2021
	Lead Risk Assessor	JR210196	07/10/2021

### **2.2 Methodology**

The MMG team utilized the water sampling methodology described in the guidance document, "3 T's for Reducing Lead in Drinking Water in Schools and Child Care Facilities: A Training, Testing, and Taking Action Approach", authored by the Environmental Protection Agency (EPA), Office of Ground Water and Drinking Water.

The EPA recommends schools and childcare facilities use a 2-step sampling procedure which specifies the collection of two (2) water samples per fixture. The “1<sup>st</sup> Draw” sample is taken from the fixture once water has been sitting stagnant in the fixture for no less than 8 hours and no more than 18 hours. The “2<sup>nd</sup> Draw” sample is then collected from the same fixture after the fixture has been “flushed” for a pre-determined length of time. “Flushing” a fixture is accomplished by running water through the fixture at a moderate flow rate for 30 seconds (in the case of faucets and bubblers) or 15 minutes (in the case of water coolers or other fixtures which include a holding tank or similar water storage/refrigeration component). Using the “2-draw” method of water sampling described in the “3 T’s” document is meant to ensure that the water samples collected at a given facility are representative of water quality and usage under “normal” conditions.

All water samples were collected in individual 250 mL plastic bottles, with preservatives, provided by the testing laboratory.

### **2.3 Field Activities**

MMG performed all water sampling activities at the School on August 11, 2020 beginning at approximately 5:45 AM. Samples were collected from all fixtures identified at the School and brought to the laboratory to be held until the sampling plan was approved by LPH-OPH. Upon approval of the plan, only samples collected from approved fixtures were analyzed. For this School, all samples collected were approved for analysis EXCEPT for OAC-1Rm6-F1-D1 and OAC-1Rm6-F1-D2.

See Appendix A: Sampling Maps for illustrated locations of each sample.

After collection, water samples were dropped off at Waypoint Analytical Laboratory in Marrero, Louisiana. All samples were then sent to the main laboratory in Memphis, Tennessee and analyzed for lead concentration using the EPA 200.8 Method with ICP-MS. Laboratory certifications issued for Waypoint Analytical laboratory by the Louisiana Department of Environmental Quality (LDEQ) and the Louisiana Department of Health and Hospital (LDOH) are included in Appendix C.

## **3.0 Analytical Results**

Table 3.1 summarizes the analytical results for the water samples taken by MMG from Open Arms After Hours Childcare Center on August 11, 2020. The table also compares the results to the LDH-OPH lead action level, which is 15 parts per billion, which is equivalent to 15 µg/L. The complete analytical reports for all water samples taken over the course of the investigation, including chain-of-custody documentation, can be found in Appendix B.

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MMG # 3921 LDH-19

**Table 3.1 Water Sampling Results**

Sample #	Sample Description	Result (µg/L)	Action Level (µg/L)	Exceedance?
OAC-1Rm4-F1-D1	First Draw of Room 4 Main Classroom Sink	0.630	15	No
OAC-1Rm4-F1-D2	Second Draw of Room 4 Main Classroom Sink	ND	15	No
OAC-1Rm4BA1-F1-D1	First Draw of Room 4, Bathroom 1 Sink	ND	15	No
OAC-1Rm4BA1-F1-D2	Second Draw of Room 4, Bathroom 1 Sink	ND	15	No
OAC-1Rm4BA2-F1-D1	First Draw of Room 4, Bathroom 2 Sink	ND	15	No
OAC-1Rm4BA2-F1-D2	Second Draw of Room 4, Bathroom 2 Sink	ND	15	No
OAC-1Rm4BA3-F1-D1	First Draw of Room 4, Bathroom 3 Sink	ND	15	No
OAC-1Rm4BA3-F1-D2	Second Draw of Room 4, Bathroom 3 Sink	ND	15	No
OAC-1Rm5KT-F1-D1	First Draw from Room 5 Kitchen Sink (Tri-basin sink)	0.533	15	No
OAC-1Rm5KT-F1-D2	Second Draw from Room 5 Kitchen Sink (Tri-basin sink)	ND	15	No
OAC-1Rm5KT-F2-D1	First Draw from Room 5 Kitchen Sink (Handwash sink)	0.706	15	No
OAC-1Rm5KT-F2-D2	Second draw from Room 5 Kitchen Sink (Handwash sink)	ND	15	No
OAC-1Rm3-F1-D1	First Draw from Room 3 Bathroom sink	ND	15	No
OAC-1Rm3-F1-D2	Second Draw from Room 3 Bathroom sink	ND	15	No
OAC-1Rm2-F1-D1	First Draw from Room 2 Diaper Station Sink	ND	15	No
OAC-1Rm2-F1-D2	Second Draw from Room 2 Diaper Station Sink	ND	15	No

### 4.0 Recommendation(s) from LDH-OPH

At the request of LDH-OPH, MMG has included the following recommendation(s) in this report:

*The Louisiana Department of Health recommends that Facilities should not use water from hose bibbs for potable purposes such as consumption, food/drink preparation, and cooking.*

## **5.0 Signature of Principal**



**C. Paul Lo, ScD**

Principal Environmental Health Scientist & LDEQ Lead Project Designer

## **Appendices**

**Appendix A: Sampling Maps**

**Appendix B: Laboratory Report and Chain of Custody Documentation**

**Appendix C: Laboratory Accreditations and Certifications**

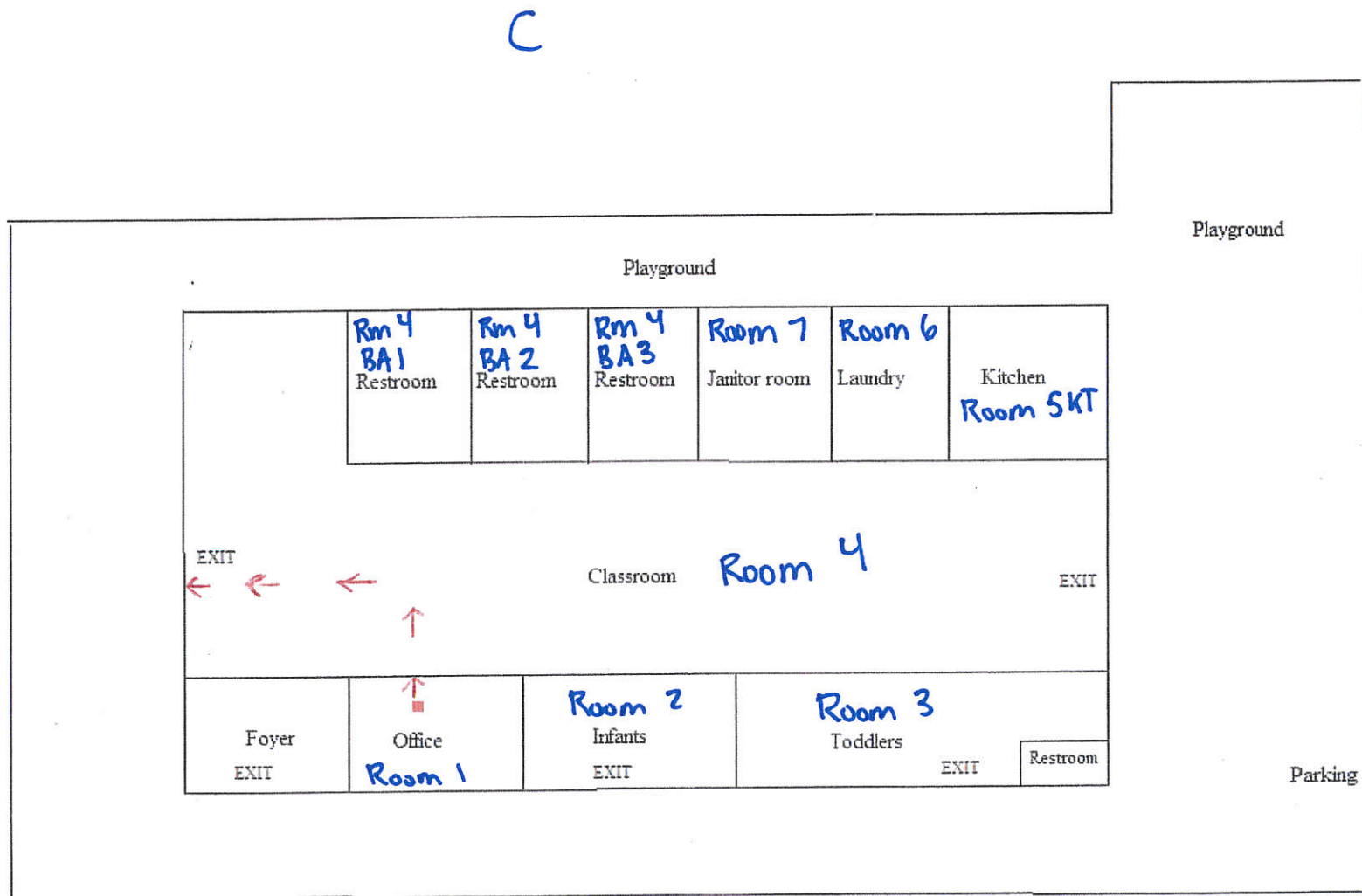
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**Appendix A: Sampling Maps**



■ You are here

A



**Water Sampling Report (Sampling Date: 8/11/2020)**

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**Report Date: 8/25/2020  
MMG # 3921 LDH-19**

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**Appendix B: Laboratory Report and Chain of Custody  
Documentation**

8/21/2020

Materials Management Group, Inc.  
Dr. Paul Lo  
2401 Westbend Parkway  
Suite 3010  
New Orleans, LA, 701141

Ref: Report Number: 20-230-0001  
Project Description: Open Arm  
Monroe, LA

Dear Dr. Paul Lo:

Waypoint Analytical Louisiana, Inc. received sample(s) on 8/11/2020 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 2012) 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,



Anthony J. Albert  
Laboratory Director

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



## Certification Summary

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

State	Program	Lab ID	Expiration Date
Georgia	State Program	02041	06/30/2021
Louisiana	State Program - NELAP	02041	06/30/2021

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

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/28/2021
Arizona	State Program	AZ0816	08/30/2020
Arkansas	State Program	88-0650	02/07/2021
California	State Program	2904	05/10/2020
Florida	State Program - NELAP	E871157	06/30/2021
Georgia	State Program	C044	02/18/2023
Georgia	State Program	04015	06/30/2021
Illinois	State Program - NELAP	200078	10/10/2020
Kentucky	State Program	80215	06/30/2021
Kentucky	State Program	KY90047	12/31/2020
Louisiana	State Program - NELAP	LA037	12/31/2020
Louisiana	State Program - NELAP	04015	06/30/2021
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	415	12/31/2020
Oklahoma	State Program	9311	08/31/2020
Pennsylvania	State Program - NELAP	68-03195	05/31/2021
South Carolina	State Program	84002	06/30/2021
South Carolina	State Program	84002	06/30/2020
Tennessee	State Program	02027	02/11/2023
Tennessee	A2LA ISO 17025:2017	4313.01	10/31/2021
Texas	State Program - NELAP	T104704180	09/30/2020
Virginia	State Program	00106	06/30/2021
Virginia	State Program - NELAP	460181	09/14/2020

### Sample Summary Table

**Report Number:** 20-230-0001

**Client Project Description:** Open Arm  
Monroe, LA

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
78738	OAC-1Rm4-F1-D1	Aqueous	08/11/2020 06:00	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78739	OAC-1Rm4-F1-D2	Aqueous	08/11/2020 06:07	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78740	OAC-1Rm4BA1-F1-D1	Aqueous	08/11/2020 06:00	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78741	OAC-1Rm4BA1-F1-D2	Aqueous	08/11/2020 06:08	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78742	OAC-1Rm4BA2-F1-D1	Aqueous	08/11/2020 06:01	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78743	OAC-1Rm4BA2-F1-D2	Aqueous	08/11/2020 06:09	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78744	OAC-1Rm4BA3-F1-D1	Aqueous	08/11/2020 06:01	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78745	OAC-1Rm4BA3-F1-D2	Aqueous	08/11/2020 06:10	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78746	OAC-1Rm5KT-F1-D1	Aqueous	08/11/2020 05:57	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78747	OAC-1Rm5KT-F1-D2	Aqueous	08/11/2020 06:04	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78748	OAC-1Rm5KT-F2-D1	Aqueous	08/11/2020 05:58	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78749	OAC-1Rm5KT-F2-D2	Aqueous	08/11/2020 06:04	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78750	OAC-1Rm3-F1-D1	Aqueous	08/11/2020 05:58	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78751	OAC-1Rm3-F1-D2	Aqueous	08/11/2020 06:05	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78752	OAC-1Rm2-F1-D1	Aqueous	08/11/2020 05:59	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN
78753	OAC-1Rm2-F1-D2	Aqueous	08/11/2020 06:06	08/11/2020 14:30	EPA-200.8 (DW)	WP MTN

### Summary of Detected Analytes

**Project:** Open Arm

**Report Number:** 20-230-0001

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>OAC-1Rm4-F1-D1</b>	<b>A 78738</b>					
EPA-200.8 (DW)	Lead	0.630	µg/L	0.500	08/20/2020 19:32	
<b>OAC-1Rm5KT-F1-D</b>	<b>A 78746</b>					
EPA-200.8 (DW)	Lead	0.533	µg/L	0.500	08/20/2020 21:01	
<b>OAC-1Rm5KT-F2-D</b>	<b>A 78748</b>					
EPA-200.8 (DW)	Lead	0.706	µg/L	0.500	08/20/2020 21:22	

**Project** Open Arm  
**Information:** Monroe, LA

**Report Number:** 20-230-0001  
**Report Date:** 8/21/2020

## Sample Results

### OAC-1Rm4-F1-D1

**Date Collected** 08/11/2020 06:00 **WPA Lab No** 78738  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 19:32:17	BKN	L507657

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.630	0.500	µg/L

### OAC-1Rm4-F1-D2

**Date Collected** 08/11/2020 06:07 **WPA Lab No** 78739  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 19:38:36	BKN	L507657

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

### OAC-1Rm4BA1-F1-D1

**Date Collected** 08/11/2020 06:00 **WPA Lab No** 78740  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 19:44:55	BKN	L507657

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

**Qualifiers/Definitions** MQL Method Quantitation Limit

**Project** Open Arm  
**Information:** Monroe, LA

**Report Number:** 20-230-0001  
**Report Date:** 8/21/2020

## Sample Results

### OAC-1Rm4BA1-F1-D2

**Date Collected** 08/11/2020 06:08 **WPA Lab No** 78741  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 19:51:14	BKN	L507657

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

### OAC-1Rm4BA2-F1-D1

**Date Collected** 08/11/2020 06:01 **WPA Lab No** 78742  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 19:57:34	BKN	L507657

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

### OAC-1Rm4BA2-F1-D2

**Date Collected** 08/11/2020 06:09 **WPA Lab No** 78743  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 20:03:55	BKN	L507657

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

**Qualifiers/**  
**Definitions** MQL Method Quantitation Limit

**Project** Open Arm  
**Information:** Monroe, LA

**Report Number:** 20-230-0001  
**Report Date:** 8/21/2020

## Sample Results

### OAC-1Rm4BA3-F1-D1

**Date Collected** 08/11/2020 06:01 **WPA Lab No** 78744  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 20:18:08	BKN	L507657

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

### OAC-1Rm4BA3-F1-D2

**Date Collected** 08/11/2020 06:10 **WPA Lab No** 78745  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507298	EPA-200.8	50 mL	1	8/20/2020 20:24:27	BKN	L507657

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

### OAC-1Rm5KT-F1-D1

**Date Collected** 08/11/2020 05:57 **WPA Lab No** 78746  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:01:31	BKN	L507657

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.533	0.500	µg/L

**Qualifiers/Definitions** MQL Method Quantitation Limit



**Project** Open Arm  
**Information:** Monroe, LA

**Report Number:** 20-230-0001  
**Report Date:** 8/21/2020

## Sample Results

### OAC-1Rm5KT-F1-D2

**Date Collected** 08/11/2020 06:04 **WPA Lab No** 78747  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:07:51	BKN	L507657

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

### OAC-1Rm5KT-F2-D1

**Date Collected** 08/11/2020 05:58 **WPA Lab No** 78748  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:22:04	BKN	L507657

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.706	0.500	µg/L

### OAC-1Rm5KT-F2-D2

**Date Collected** 08/11/2020 06:04 **WPA Lab No** 78749  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:28:23	BKN	L507657

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

**Qualifiers/Definitions** MQL Method Quantitation Limit

**Project** Open Arm  
**Information:** Monroe, LA

**Report Number:** 20-230-0001  
**Report Date:** 8/21/2020

## Sample Results

### OAC-1Rm3-F1-D1

**Date Collected** 08/11/2020 05:58 **WPA Lab No** 78750  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:34:42	BKN	L507657

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

### OAC-1Rm3-F1-D2

**Date Collected** 08/11/2020 06:05 **WPA Lab No** 78751  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:41:01	BKN	L507657

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

### OAC-1Rm2-F1-D1

**Date Collected** 08/11/2020 05:59 **WPA Lab No** 78752  
**Date Received** 08/11/2020 14:30 **Matrix** Aqueous

### EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:47:20	BKN	L507657

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

**Qualifiers/**  
**Definitions** MQL Method Quantitation Limit

**Project** Open Arm  
**Information:** Monroe, LA

**Report Number:** 20-230-0001  
**Report Date:** 8/21/2020

## Sample Results

**OAC-1Rm2-F1-D2**

**Date Collected** 08/11/2020 06:06

**WPA Lab No** 78753

**Date Received** 08/11/2020 14:30

**Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
08/20/2020 09:00	L507300	EPA-200.8	50 mL	1	8/20/2020 21:53:39	BKN	L507657

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

**Qualifiers/**  
**Definitions** MQL Method Quantitation Limit

## Quality Control Data

**Client ID:** Materials Management Group, Inc.  
**Project Description:** Open Arm  
**Report No:** 20-230-0001

**QC Prep:** L507298 **QC Analytical Batch(es):** L507657  
**QC Prep Batch Method:** EPA-200.8 **Analysis Method:** EPA-200.8 (DW)  
**Analysis Description:** Metals Analyses

**Lab Reagent Blank** LRB-L507298 Matrix: AQU  
Associated Lab Samples: 78738, 78739, 78740, 78741, 78742, 78743, 78744, 78745

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	08/20/20 18:00

**Laboratory Control Sample** LCS-L507298

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	49.8	100	85-115

**Matrix Spike & Matrix Spike Duplicate** A 78745-MS-L507298 A 78745-MSD-L507298

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	< 0.503	50.3	50.3	50.1	50.4	100	100	70-130	0.5	20.0

### Quality Control Data

**Client ID:** Materials Management Group, Inc.

**Project Description:** Open Arm

**Report No:** 20-230-0001

<b>QC Prep:</b>	L507300	<b>QC Analytical Batch(es):</b>	L507657
<b>QC Prep Batch Method:</b>	EPA-200.8	<b>Analysis Method:</b>	EPA-200.8 (DW)
		<b>Analysis Description:</b>	Metals Analyses

**Lab Reagent Blank** LRB-L507300 Matrix: AQU  
Associated Lab Samples: 78746, 78747, 78748, 78749, 78750, 78751, 78752, 78753

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	08/20/20 20:53

**Laboratory Control Sample** LCS-L507300

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	50.6	101	85-115

**Matrix Spike & Matrix Spike Duplicate** Q 91982-MS-L507300 Q 91982-MSD-L507300

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	< 0.503	50.3	50.3	49.1	50.2	98.0	100	70-130	2.2	20.0

### Shipment Receipt Form

Customer Number: **01266**

Customer Name: **Materials Management Group, Inc.**

Report Number: **20-230-0001**

#### Shipping Method

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



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

Comments:

Signature:

Date & Time:



Client Name/Address <b>Materials Management Group; 2401 Westbend Pkwy Ste 3010, New Orleans, LA 70114</b>		Client Project Manager/Contact <b>Erin LeCompte erinl@mmgnola.com</b>		Billing Information <b>Mia Barrios miab@mmgnola.com</b>		 20-230-0001 01266 08-17-2020 10:07:18 Materials Management Group, Inc. Open Arm		
Project Description <b>H<sub>2</sub>O in lead at Open Arm</b>		Project/Site Location (City/State) <b>Monroe, LA</b>		<input type="checkbox"/> RUSH – Additional charges apply <input type="checkbox"/> Special Detection Limit(s) Date Results Needed		Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input checked="" type="checkbox"/> Client Drop Off Other		
Project Number <b>3921 LDH-19</b>		Project Manager Phone # <b>504-368-0568</b>		Project Manager Email <b>erinl@mmgnola.com</b>		Purchase Order Number <b>3921 LDH-19</b>		
 5041 Taravella Road Marrero, LA 70072 504-371-8557		Unless noted, all containers per Table II of 40 CFR Part 136.		Number of Containers Matrix (Refer to Key) (Grab or Composite) <b>Lead in H<sub>2</sub>O</b>		Matrix Key WW – Wastewater    GW – Groundwater DW – Drinking Water    S – Soil /Solid    O – Oil P – Product    M – Misc		
Date	Time	Sample Identification		Required Analysis / Preservative				Comments/Notes
8/11/20	600	OAC-1 Rm4-F1-D1	1	DW	G	1		78738
	607	OAC-1 Rm4-F1-D2						78739
	600	OAC-1 Rm4BA1-F1-D1						78740
	608	OAC-1 Rm4BA1-F1-D2						78741
	601	OAC-1 Rm4BA2-F1-D1						78742
	609	OAC-1 Rm4BA2-F1-D2						78743
	601	OAC-1 Rm4BA3-F1-D1						78744
	610	OAC-1 Rm4BA3-F1-D2						78745
	557	OAC-1 Rm5KT-F1-D1						78746
	604	OAC-1 Rm5KT-F1-D2						78747
For Laboratory Use Only			Sampled by (Name – Print) <b>Sue Lichtveld</b>			Client Remarks/Comments <b>Analysis on hold until confirmation by client</b>		
Ice Y/N	Custody Seals Y/N	Lab Comments	Relinquished by: (SIGNATURE) <b>G. [Signature]</b>			Date 8/11/20	Time 14:30	Received by: (SIGNATURE) <b>[Signature]</b>
Blank/Cooler Temp <b>N/A</b>			Relinquished by: (SIGNATURE)			Date	Time	Received by: (SIGNATURE)
			Relinquished by: (SIGNATURE)			Date	Time	Received by: (SIGNATURE)
			Relinquished by: (SIGNATURE)			Date	Time	Received by: (SIGNATURE)



Client Name/Address		Client Project Manager/Contact		Billing Information		For Laboratory Use Only															
Project Description		Project/Site Location (City/State)		<input type="checkbox"/> RUSH – Additional charges apply <input type="checkbox"/> Special Detection Limit(s) Date Results Needed		Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off  Other				Matrix Key WW – Wastewater   GW – Groundwater DW – Drinking Water   S – Soil /Solid   O – Oil P - Product   M - Misc											
Project Number		Project Manager Phone #		Project Manager Email		Purchase Order Number				Site/Facility ID #											
<b>Waypoint ANALYTICAL</b> 5041 Taravella Road Marrero, LA 70072 504-371-8557						Unless noted, all containers per Table II of 40 CFR Part 136.		Number of Containers		Matrix (Refer to Key)		(G)rab or (C)omposite						A Cool < 10C Na2S2O3 (Micro Only) B Cool <= 6C C H2SO4 pH<2 D None Required E NaOH pH>10 F HNO3 pH<2 G HCL pH<2 H H3PO4 pH<2 I Cool <= 6C NA2S2O3			
Date	Time	Sample Identification						Required Analysis / Preservative						Comments/Notes							
8/11/20	558	DAC-1 Rm5 KT-F2-D1		1	DW G	1										78748					
	604	DAC-1 Rm5 KT-F2-D2		1												78749					
	558	DAC-1 Rm3 F1-D1														78750					
	605	DAC-1 Rm3 -F1-D2														78751					
	559	DAC-1 Rm 2-F1-D1														78752					
	606	DAC-1 Rm2 -F1-D2														78753					
	602	DAC-1 Rm 6-F1-D1														Cancel Analysis					
	611	DAC-1 Rm 6-F1-D2														Cancel Analysis See Attached					
For Laboratory Use Only						Sampled by (Name – Print)				Client Remarks/Comments											
Ice Y/N		Custody Seals Y/N		Lab Comments		Sue Lichtveld				Analysis on hold until confirmation from client PAGE 2 of 2											
Blank/Cooler Temp N/A						Relinquished by: (SIGNATURE) G Jelt				Date Time 8/11/20 14:30		Received by: (SIGNATURE) [Signature]		Date Time 8/11/20 14:30							
						Relinquished by: (SIGNATURE)				Date Time		Received by: (SIGNATURE)		Date Time							
						Relinquished by: (SIGNATURE)				Date Time		Received by: (SIGNATURE)		Date Time							



**Kelly Evans - [External] Samples on Hold: MMG Job #: 3921 LDH-19**

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**From:** Erin Le Compte <erinl@mmgnola.com>  
**To:** Kelly Evans <kevans@waypointanalytical.com>, "dcoco@waypointanalytical.c...  
**Date:** 8/17/2020 8:44 AM  
**Subject:** [External] Samples on Hold: MMG Job #: 3921 LDH-19

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Hi Kelly & Dwayne,

I received word from LDH regarding the second set of samples - she has approved all but two samples for the 3921 LDH-19 job. Please analyze all samples from that batch EXCEPT FOR OAC-1Rm6-F1-D1 and OAC-1Rm6-F1-D2.

Thank you so much, and let me know if you have any questions.

Best,

**Erin LeCompte, MPH**

erinl@mmgnola.com

Materials Management Group, Inc.

[\(504\) 368-0568](tel:5043680568)

**External E-mail. Use caution if opening Links and Attachments.**

**If this is an unsolicited spam message or you suspect it is malicious, please forward as an attachment to [suspiciousemail@wpacorp.com](mailto:suspiciousemail@wpacorp.com)**

**Water Sampling Report (Sampling Date: 8/11/2020)**

**Open Arms After Hours Childcare Center  
801 St. John St., Monroe, LA 71201**

**Report Date: 8/25/2020  
MMG # 3921 LDH-19**

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**Appendix C: Laboratory Accreditations and  
Certifications**



# State of Louisiana

Louisiana Department of Health  
Office of Public Health

June 30, 2020

Mr. Richard Medina  
Waypoint Analytical, LLC  
2790 Whitten Road  
Memphis, TN 38133

LA037

Dear Mr. Medina:

The requirements for maintaining your certification status for the State of Louisiana are outlined in the 2009 TNI standards and in the Louisiana Administrative Code (LAC) for the Accreditation of Laboratories Conducting Drinking Water Analyses located in LAC 48:V.Chapter 80, LAC 51:XII.101 and 301.

Your laboratory has chosen the State of Florida as its primary TNI accreditation body. Based on its accreditation, your laboratory is granted this **2020 Certificate of Laboratory Accreditation** for all the parameters listed. The certificate must be conspicuously displayed in the laboratory in a location visible to the public.

If there are any questions, please contact me at [Grant.Aucoin@LA.Gov](mailto:Grant.Aucoin@LA.Gov) or (225) 219-5202.

Sincerely,

A handwritten signature in blue ink, appearing to read "Grant Aucoin".

Grant Aucoin  
Laboratory Certification Program Manager

Enclosures





# STATE OF LOUISIANA

DEPARTMENT OF HEALTH  
OFFICE OF PUBLIC HEALTH



## Waypoint Analytical, LLC

2790 Whitten Road

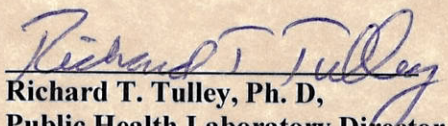
Memphis, TN 38133

is accredited by the State of Louisiana in accordance with  
the 2009 TNI Standard and/or Department of Health regulations  
Louisiana Administrative Code 48:V.Chapter 80 and  
Louisiana Administrative Code 51:XII.101 and 301

Scope of accreditation is limited to the  
“TNI Accredited Fields of Testing”  
which accompany this certificate

Continued accredited status depends on successful  
ongoing participation in the program

CERTIFICATE NUMBER: LA037  
EFFECTIVE DATE: June 30, 2020  
EXPIRATION DATE: December 31, 2020

  
Richard T. Tulley, Ph. D.,  
Public Health Laboratory Director  
1209 Leesville Avenue  
Baton Rouge, Louisiana 70802

  
Grant Aucoin  
Laboratory Accreditation Program  
Manager

subject to forfeiture or revocation



**Louisiana Department of Health**

Office of Public Health  
1209 Leesville Avenue  
Baton Rouge, LA 70802  
(225) 219-5202



## Louisiana Accreditation - 2020

**Waypoint Analytical, LLC located in Memphis, TN**

meets all of the criteria necessary for ACCREDITATION by the State of Louisiana and The NELAC Institute (TNI) for the analysis of drinking water for the following contaminants:

### Drinking Water Parameters

Analyte	Method	Primary AB	Method Revision # or date	Technology Description	TNI Method Code	TNI Analyte Code
Lead	EPA 200.8	FL	rev 5.4	ICP-MS	10014605	1075

**The State of Florida is the primary TNI Accreditation Body for Waypoint Analytical, LLC. The Louisiana Department of Health is a secondary Accreditation Body for this laboratory. For a list of additional parameters, refer to the Florida Department of Health.**

Certificate #: LA037

Issue Date: 6/30/2020

Effective Date: 6/30/2020

Expires: 12/31/2020

Page 1 of 1