

Sampling Date: May 14, 2021
Submission Date: June 1, 2021

Water Sampling Report

Future Generations

3740 Martin Drive, Marrero, LA 70072
(MMG Job # 3921 LDH-74)



Prepared for:

Caryn Benjamin
LDH-OPH, Engineering Services
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By:



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

Water Sampling Report (Sampling Date: 05/14/2021)

Future Generations
3740 Martin Drive, Marrero, LA 70072

Report Date: 06/01/2021
MMG # 3921 LDH 74

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1.0 Introduction

Materials Management Group, Inc. (MMG) was retained by the Louisiana Department of Health – Office of Public Health (LDH) to conduct water sampling for the potential presence and concentration of lead in drinking water at primary schools and day care facilities throughout Louisiana. MMG's scope of work includes testing all sources of water used for consumption in a given school or day care facility. This report summarizes water testing performed at Future Generations, located at 3740 Martin Drive, Marrero, LA 70072 (School).

MMG personnel Erin LeCompte performed the initial facility assessment on April 29, 2021. A water sampling plan submitted to LDH-OPH on April 29, 2021 and approved on May 4, 2021. Water sampling was performed at the School on May 14, 2021 by LDEQ Certified Lead Inspector Erin LeCompte.

2.0 Summary of Activities

2.1 MMG Personnel

MMG personnel Erin LeCompte conducted this water sampling assessment and investigation. She is a LDEQ-accredited Lead Inspector and Lead Risk Assessor. Table 2.1 below includes a summary of the relevant lead certification information.

Table 2.1 MMG Personnel Accreditation Information Summary

MMG Personnel	Accreditation Type	Certification Number	Date of Expiration
Erin LeCompte	Lead Inspector	OI217986	10/13/2021
	Lead Risk Assessor	OR217986	10/14/2021

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 "1st 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 "2nd Draw" sample is then collected from the same fixture after the fixture has been "flushed"

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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.

2.3 Field Activities

MMG performed all water sampling activities at the School on May 14, 2021 beginning at approximately 6:00 AM. Samples were collected from all fixtures pre-approved by LDH. See Appendix A: Sampling Maps for illustrated locations of each sample.

After collection, water samples were transported via courier to Waypoint Analytical located at 5041 Taravella Road, Marrero, LA 70072. All samples were analyzed for lead concentration using the EPA 200.8 Method with ICP-MS. The laboratory certification issued for Waypoint Analytical by the Louisiana Department of Health (LDH) is included in Appendix C.

3.0 Analytical Results

Table 3.1 summarizes the analytical results for the water samples taken by MMG at Future Generations on May 14, 2021. The table also compares the results to the LDH lead action level of 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.

Table 3.1 Water Sampling Results

Sample ID	Sample Location	Description	Result (µg/L)	Lead Action Level (µg/L)	Exceedance? (Yes/No)
FG-KT-F1-D1	Kitchen, Tri-basin Sink	Faucet	1.12	15	No
FG-KT-F1-D2	Kitchen, Tri-basin Sink	Faucet	1.19	15	No
FG-KT-F2-D1	Kitchen, Handwash Sink	Faucet	10.2	15	No
FG-KT-F2-D2	Kitchen, Handwash Sink	Faucet	0.778	15	No
FG-RM1BA1-F1-D1	Room 1, Attached Adult Bathroom	Faucet	4.33	15	No
FG-RM1BA1-F1-D2	Room 1, Attached Adult Bathroom	Faucet	0.681	15	No
FG-RM1BA2-F1-D1	Room 1, Attached Kid's Bathroom	Faucet	2.31	15	No
FG-RM1BA2-F1-D2	Room 1, Attached Kid's Bathroom	Faucet	ND	15	No

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Sample ID	Sample Location	Description	Result (µg/L)	Lead Action Level (µg/L)	Exceedance? (Yes/No)
FG-RM1BA2-F2-D1	Room 1, Attached Kid's Bathroom	Faucet	4.34	15	No
FG-RM1BA2-F2-D2	Room 1, Attached Kid's Bathroom	Faucet	0.652	15	No
FG-RM1-WC1-D1	Room 1	Water Cooler*, Oasis Brand	1.17	15	No
FG-RM1-WC1-D2	Room 1	Water Cooler, Oasis Brand	ND	15	No
FG-RM1-F1-D1	Room 1	Faucet	2.44	15	No
FG-RM1-F1-D2	Room 1	Faucet	ND	15	No
FG-RM2-F1-D1	Room 2 (Infant Room)	Faucet	1.03	15	No
FG-RM2-F1-D2	Room 2 (Infant Room)	Faucet	0.508	15	No

**Fixture did not appear to be used regularly.*

4.0 Recommendation(s) from LDH

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

- LDH recommends a daily flushing practice (30-seconds) for fixtures with a first draw sample result of 5 ug/L or greater for lead.
- An Oasis water cooler is in use at the facility. Some older Oasis water coolers (made by EBCO prior to 1990) have been banned by EPA due to lead content. The serial number of the Oasis water cooler was not identified and therefore the banned status of the Oasis water cooler is unknown. LDH recommends to determine the serial number of the Oasis water cooler and to verify that the water cooler is not on the banned list. For the list of serial/model numbers of the banned water coolers, see Appendix B in the EPA's document entitled 3Ts for Reducing Lead in Drinking Water in Schools (EPA 815-B-18-007; October 2018). If the Oasis water cooler is determined to be banned, LDH recommends taking the water cooler out of service.

5.0 Signatures



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**

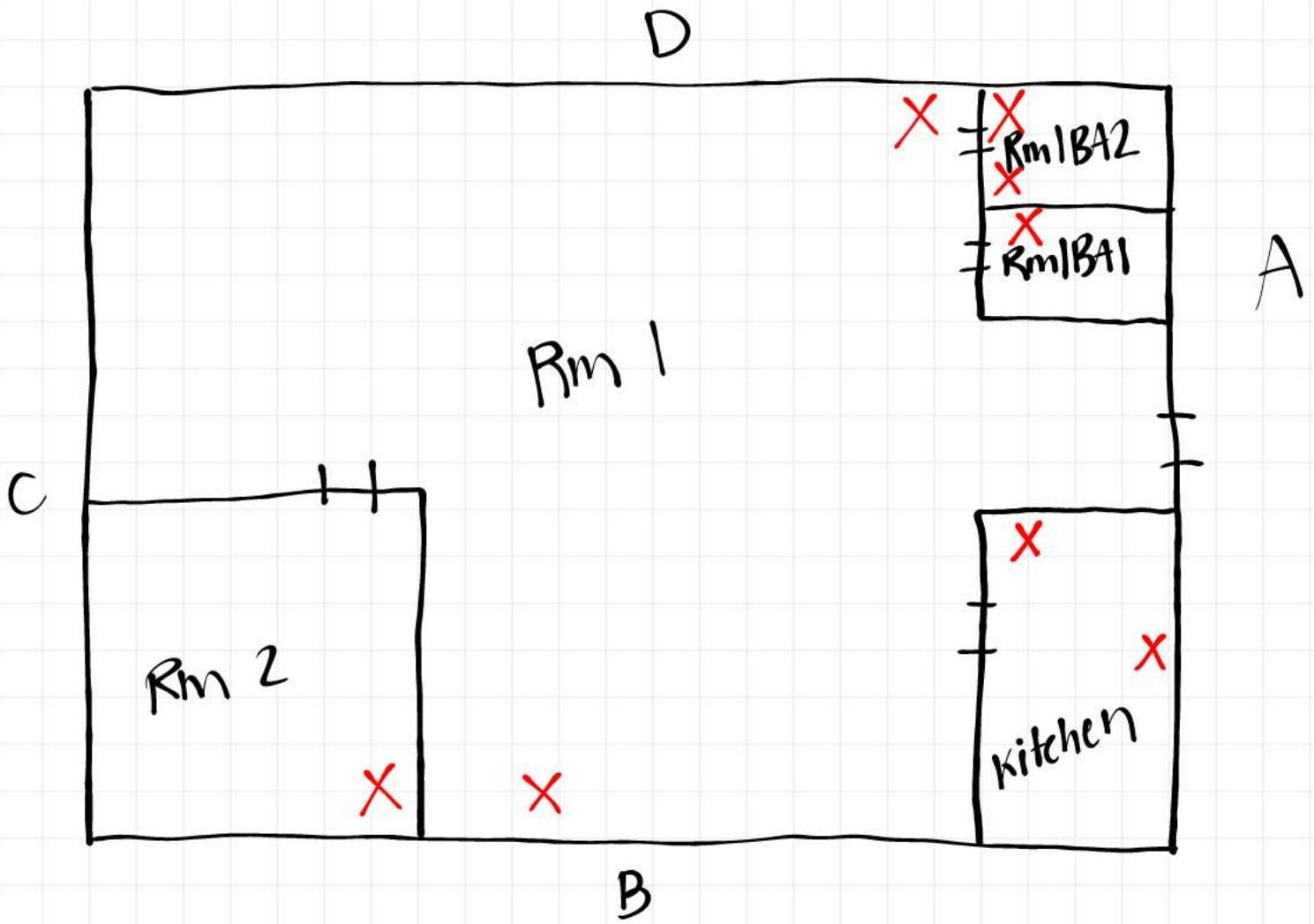
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Appendix A: Sampling Maps

Future Generations Facility Map
A-side is adjacent to Martin Drive



Water Sampling Report (Sampling Date: 05/14/2021)

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

5/24/2021

Materials Management Group, Inc.
Ms. Braelin Carter
2401 Westbend Parkway
Suite 3010
New Orleans, LA, 701141

Ref: Report Number: 21-134-0015
Project Description: Water Sampling at Future Generations
Project Number - 3921 LDH-74

Dear Ms. Braelin Carter:

Waypoint Analytical Louisiana, Inc. received sample(s) on 5/14/2021 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 August 2017) 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	02/28/2022
Arkansas	State Program	88-0650	02/07/2022
California	State Program	2904	06/30/2021
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	10/10/2021
Kentucky	State Program	80215	06/30/2021
Kentucky	State Program	KY90047	12/31/2021
Louisiana	State Program - NELAP	LA037	12/31/2021
Louisiana	State Program - NELAP	04015	06/30/2021
Mississippi	State Program	MS	02/11/2023
North Carolina	State Program	415	12/31/2021
Oklahoma	State Program	9311	08/31/2021
Pennsylvania	State Program - NELAP	68-03195	05/31/2022
South Carolina	State Program	84002	06/30/2021
South Carolina	State Program	84002	06/30/2021
Tennessee	State Program	02027	02/11/2023
Tennessee	A2LA ISO 17025:2017	4313.01	10/31/2021
Texas	State Program - NELAP	T104704180	09/30/2021
Virginia	State Program	00106	06/30/2021
Virginia	State Program - NELAP	460181	09/14/2021

Sample Summary Table

Report Number: 21-134-0015
Client Project Description: Water Sampling at Future Generations
Project Number - 3921 LDH-74

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
89516	FG-KT-F1-D1	Aqueous	05/14/2021 05:58	05/14/2021	EPA-200.8 (DW)	WP MTN
89517	FG-KT-F1-D2	Aqueous	05/14/2021 05:59	05/14/2021	EPA-200.8 (DW)	WP MTN
89518	FG-KT-F2-D1	Aqueous	05/14/2021 05:58	05/14/2021	EPA-200.8 (DW)	WP MTN
89519	FG-KT-F2-D2	Aqueous	05/14/2021 05:59	05/14/2021	EPA-200.8 (DW)	WP MTN
89520	FG-RM1BA1-F1-D1	Aqueous	05/14/2021 06:00	05/14/2021	EPA-200.8 (DW)	WP MTN
89521	FG-RM1BA1-F1-D2	Aqueous	05/14/2021 06:00	05/14/2021	EPA-200.8 (DW)	WP MTN
89522	FG-RM1BA2-F1-D1	Aqueous	05/14/2021 06:01	05/14/2021	EPA-200.8 (DW)	WP MTN
89523	FG-RM1BA2-F1-D2	Aqueous	05/14/2021 06:02	05/14/2021	EPA-200.8 (DW)	WP MTN
89524	FG-RM1BA2-F2-D1	Aqueous	05/14/2021 06:02	05/14/2021	EPA-200.8 (DW)	WP MTN
89525	FG-RM1BA2-F2-D2	Aqueous	05/14/2021 06:03	05/14/2021	EPA-200.8 (DW)	WP MTN
89526	FG-RM1-WC1-D1	Aqueous	05/14/2021 06:03	05/14/2021	EPA-200.8 (DW)	WP MTN
89527	FG-RM1-WC1-D2	Aqueous	05/14/2021 06:19	05/14/2021	EPA-200.8 (DW)	WP MTN
89528	FG-RM1-F1-D1	Aqueous	05/14/2021 06:04	05/14/2021	EPA-200.8 (DW)	WP MTN
89529	FG-RM1-F1-D2	Aqueous	05/14/2021 06:05	05/14/2021	EPA-200.8 (DW)	WP MTN
89530	FG-RM2-F1-D1	Aqueous	05/14/2021 06:06	05/14/2021	EPA-200.8 (DW)	WP MTN
89531	FG-RM2-F1-D2	Aqueous	05/14/2021 06:06	05/14/2021	EPA-200.8 (DW)	WP MTN

Summary of Detected Analytes

Project: Water Sampling at Future Generations

Report Number: 21-134-0015

Client Sample ID Method	Lab Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
FG-KT-F1-D1	A 89516					
EPA-200.8 (DW)	Lead	1.12	µg/L	0.500	05/20/2021 16:45	
FG-KT-F1-D2	A 89517					
EPA-200.8 (DW)	Lead	1.19	µg/L	0.500	05/20/2021 16:47	
FG-KT-F2-D1	A 89518					
EPA-200.8 (DW)	Lead	10.2	µg/L	0.500	05/20/2021 16:49	
FG-KT-F2-D2	A 89519					
EPA-200.8 (DW)	Lead	0.778	µg/L	0.500	05/20/2021 16:50	
FG-RM1BA1-F1-D1	A 89520					
EPA-200.8 (DW)	Lead	4.33	µg/L	0.500	05/20/2021 16:57	
FG-RM1BA1-F1-D2	A 89521					
EPA-200.8 (DW)	Lead	0.681	µg/L	0.500	05/20/2021 16:59	
FG-RM1BA2-F1-D1	A 89522					
EPA-200.8 (DW)	Lead	2.31	µg/L	0.500	05/20/2021 17:01	
FG-RM1BA2-F2-D1	A 89524					
EPA-200.8 (DW)	Lead	4.34	µg/L	0.500	05/20/2021 17:04	
FG-RM1BA2-F2-D2	A 89525					
EPA-200.8 (DW)	Lead	0.652	µg/L	0.500	05/20/2021 17:06	
FG-RM1-WC1-D1	A 89526					
EPA-200.8 (DW)	Lead	1.17	µg/L	0.500	05/20/2021 17:08	
FG-RM1-F1-D1	A 89528					
EPA-200.8 (DW)	Lead	2.44	µg/L	0.500	05/20/2021 17:12	
FG-RM2-F1-D1	A 89530					
EPA-200.8 (DW)	Lead	1.03	µg/L	0.500	05/20/2021 17:20	
FG-RM2-F1-D2	A 89531					
EPA-200.8 (DW)	Lead	0.508	µg/L	0.500	05/20/2021 17:22	

Project Water Sampling at Future Generations
Information: Project Number - 3921 LDH-74

Report Number: 21-134-0015
Report Date: 5/24/2021

Sample Results

FG-KT-F1-D1

Date Collected 05/14/2021 05:58 **WPA Lab No** 89516
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 16:45:22	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.12	0.500	µg/L

FG-KT-F1-D2

Date Collected 05/14/2021 05:59 **WPA Lab No** 89517
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 16:47:12	BKN	L554496

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

FG-KT-F2-D1

Date Collected 05/14/2021 05:58 **WPA Lab No** 89518
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 16:49:02	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	10.2	0.500	µg/L

Qualifiers/
Definitions MQL Method Quantitation Limit

Project Water Sampling at Future Generations
Information: Project Number - 3921 LDH-74

Report Number: 21-134-0015
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Sample Results

FG-KT-F2-D2

Date Collected 05/14/2021 05:59 **WPA Lab No** 89519
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 16:50:53	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.778	0.500	µg/L

FG-RM1BA1-F1-D1

Date Collected 05/14/2021 06:00 **WPA Lab No** 89520
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 16:57:29	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	4.33	0.500	µg/L

FG-RM1BA1-F1-D2

Date Collected 05/14/2021 06:00 **WPA Lab No** 89521
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 16:59:17	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.681	0.500	µg/L

Qualifiers/
Definitions MQL Method Quantitation Limit

Project Water Sampling at Future Generations
Information: Project Number - 3921 LDH-74

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Report Date: 5/24/2021

Sample Results

FG-RM1BA2-F1-D1

Date Collected 05/14/2021 06:01 **WPA Lab No** 89522
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:01:05	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	2.31	0.500	µg/L

FG-RM1BA2-F1-D2

Date Collected 05/14/2021 06:02 **WPA Lab No** 89523
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:02:54	BKN	L554496

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

FG-RM1BA2-F2-D1

Date Collected 05/14/2021 06:02 **WPA Lab No** 89524
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:04:43	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	4.34	0.500	µg/L

Qualifiers/
Definitions MQL Method Quantitation Limit

Project Water Sampling at Future Generations
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Sample Results

FG-RM1BA2-F2-D2

Date Collected 05/14/2021 06:03 **WPA Lab No** 89525
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:06:33	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	0.652	0.500	µg/L

FG-RM1-WC1-D1

Date Collected 05/14/2021 06:03 **WPA Lab No** 89526
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:08:23	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.17	0.500	µg/L

FG-RM1-WC1-D2

Date Collected 05/14/2021 06:19 **WPA Lab No** 89527
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:10:13	BKN	L554496

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

Qualifiers/Definitions MQL Method Quantitation Limit

Project Water Sampling at Future Generations
Information: Project Number - 3921 LDH-74

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Sample Results

FG-RM1-F1-D1

Date Collected 05/14/2021 06:04 **WPA Lab No** 89528
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:12:03	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	2.44	0.500	µg/L

FG-RM1-F1-D2

Date Collected 05/14/2021 06:05 **WPA Lab No** 89529
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:13:54	BKN	L554496

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

FG-RM2-F1-D1

Date Collected 05/14/2021 06:06 **WPA Lab No** 89530
Date Received 05/14/2021 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:20:29	BKN	L554496

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	1.03	0.500	µg/L

Qualifiers/Definitions MQL Method Quantitation Limit

Project Water Sampling at Future Generations
Information: Project Number - 3921 LDH-74

Report Number: 21-134-0015
Report Date: 5/24/2021

Sample Results

FG-RM2-F1-D2

Date Collected 05/14/2021 06:06

WPA Lab No 89531

Date Received 05/14/2021

Matrix Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
05/20/2021 09:46	L554128	EPA-200.8	50 mL	1	5/20/2021 17:22:18	BKN	L554496

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

**Qualifiers/
Definitions** MQL Method Quantitation Limit

Quality Control Data

Client ID: Materials Management Group, Inc.
Project Description: Water Sampling at Future Generations
Report No: 21-134-0015

QC Prep: L554128 **QC Analytical Batch(es):** L554496
QC Prep Batch Method: EPA-200.8 **Analysis Method:** EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L554128 Matrix: AQU
Associated Lab Samples: 89516, 89517, 89518, 89519, 89520, 89521, 89522, 89523, 89524, 89525, 89526, 89527, 89528, 89529, 89530, 89531

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	05/20/21 16:34

Laboratory Control Sample LCS-L554128

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	47.5	95.0	85-115

Matrix Spike & Matrix Spike Duplicate A 89531-MS-L554128 A 89531-MSD-L554128

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	0.508	50.3	50.3	49.9	50.7	98.0	100	70-130	1.5	20.0

Shipment Receipt Form

Customer Number: **01266**

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

Report Number: **21-134-0015**

Shipping Method

<input type="radio"/> Fed Ex	<input type="radio"/> US Postal	<input checked="" type="radio"/> Lab	<input type="radio"/> Other :	<div></div>
<input type="radio"/> UPS	<input type="radio"/> Client	<input type="radio"/> Courier	Thermometer ID:	<div>IR 1</div>

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	<div>1</div>		
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:

Christina R. Varuso

Date & Time:

05/14/2021 14:11:47

Client Name/Address Materials Management Group 2401 Westbend Parkway, Suite 3010 New Orleans, LA 70114		Client Project Manager/Contact Erin LeCompte		Billing Information Mia Barrios miab@mmgnola.com		 21-134-0015 01266 05-14-2021 14:10:27 Materials Management Group, Inc. Water Sampling at Future Generations			
Project Description Water Sampling at Future Generations		Project/Site Location (City/State) Marrero, LA		<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 3921 LDH-74		Project Manager Phone # 503-368-0568		Project Manager Email erinL@mmgnola.com		Purchase Order Number 3921 LDH		Site/Facility ID # 74	
 5041 Taravella Road Marrero, LA 70072 (504) 371-8560		Unless noted, all containers per Table II of 40 CFR Part 136.		Matrix (Refer to Key)		Required Analysis / Preservative		Comments/Notes	
Date		Time		Sample Identification		Number of Containers		(g)rab or (c)omposite	
5/14	5:58	FG-KT-F1-D1		1	DW	G	✓		89516
	5:59	FG-KT-F1-D2		1	DW	G	✓		89517
	5:58	FG-KT-F1-D1		1	DW	G	✓		89518
	5:59	FG-KT-F2-D2		1	DW	G	✓		89519
	6:00	FG-RM1BA1-F1-D1		1	DW	G	✓		89520
	6:00	FG-RM1BA1-F1-D2		1	DW	G	✓		89521
	6:01	FG-RM1BA2-F1-D1		1	DW	G	✓		89522
	6:02	FG-RM1BA2-F1-D2		1	DW	G	✓		89523
	6:02	FG-RM1BA2-F2-D1		1	DW	G	✓		89524
	6:03	FG-RM1BA2-F2-D2		1	DW	G	✓		89525
For Laboratory Use Only									
Ice Y/N		Custody Seals Y/N		Lab Comments					
Blank/Cooler Temp		N/A							
Client Remarks/Comments Please send a copy of results to Caryn.Benjamin@LA.GOV									
Date		Time		Received by: (SIGNATURE)		Date		Time	
5/14/21		12:45		[Signature]		5/14/21		12:45	
Date		Time		Received by: (SIGNATURE)		Date		Time	
				[Signature]					
Date		Time		Received by: (SIGNATURE)		Date		Time	
				[Signature]					

Client Name/Address			Client Project Manager/Contact		Billing Information		For Laboratory Use Only					
Materials Management Group 2401 Westbend Parkway, Suite 3010 New Orleans, LA 70114			Erin LeCompte		Mia Barrios miab@mmgnola.com							
Project Description			Project/Site Location (City/State)		RUSH - Additional charges apply Special Detection Limit(s) Date Results Needed		Method of Shipment		Matrix Key			
Water Sampling at Future Generations			Marrero, LA		<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off		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 #			
3921 LDH-74			503-368-0568		erinL@mmgnola.com		3921 LDH		74			
Waypoint ANALYTICAL			Sample Identification		Matrix (Refer to Key)		Number of Containers		Required Analysis / Preservative		Comments/Notes	
5041 Taravella Road Marrero, LA 70072 (504) 371-8560			Unless noted, all containers per Table II of 40 CFR Part 136.									
Date	Time											
5/14	6:03	FG-RM1-WC1-D1		1	DW	G	✓					89526
	6:19	FG-RM1-WC1-D2		1	DW	G	✓					89527
	6:04	FG-RM1-F1-D1		1	DW	G	✓					89528
	6:05	FG-RM1-F1-D2		1	DW	G	✓					89529
	6:06	FG-RM2-F1-D1		1	DW	G	✓					89530
	6:06	FG-RM2-F1-D2		1	DW	G	✓					89531
				1	DW	G	✓					
				1	DW	G	✓					
				1	DW	G	✓					
				1	DW	G	✓					
				1	DW	G	✓					
<div>For Laboratory Use Only</div> <div> <div>Ice</div> <div>Custody Seals</div> <div>Blank/Cooler Temp</div> </div> <div> <div>Y/N</div> <div>Y/N</div> <div>N/A</div> </div>												
<div>Client Remarks/Comments</div> <div>Please send a copy of results to Caryn.Benjamin@LA.GOV</div>												
<div>Sampled by (Name - Print)</div> <div>Erin LeCompte</div>												
<div>Relinquished by: (SIGNATURE)</div> <div>G. LeCompte</div>												
<div>Relinquished by: (SIGNATURE)</div> <div></div>												
<div>Relinquished by: (SIGNATURE)</div> <div></div>												
<div>Date</div> <div>5/14/21</div>												
<div>Date</div> <div>5-14-21</div>												

Appendix C: Laboratory Accreditations and Certifications



STATE OF LOUISIANA

DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH

Waypoint Analytical, LLC

2790 Whitten Road

Memphis, TN 38133

is certified by the State of Louisiana in accordance with
Department of Health regulations
Louisiana Administrative Code 48:V.Chapter 80 and
Louisiana Administrative Code 51:XII.101 and 301

Scope of certification is limited to the
fields of testing which accompany this certificate

Continued certified status depends on successful
ongoing participation in the program

CERTIFICATE NUMBER: LA037
EFFECTIVE DATE: January 1, 2021
EXPIRATION DATE: December 31, 2021

A handwritten signature in blue ink, reading "Richard T. Tulley".

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

A handwritten signature in blue ink, reading "Grant Aucoin".

Grant Aucoin
Laboratory Certification 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 Certification - 2021**Waypoint Analytical, LLC located in Memphis, TN**

meets all of the criteria necessary for CERTIFICATION by the State of Louisiana 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 Certification Body for this laboratory. For a list of additional parameters, refer to the Florida Department of Health.