Sampling Date: December 4, 2020
Submission Date: December 16, 2020

Water Sampling Report

Shiloh Gardens

1629 Simon Bolivar Avenue, New Orleans, LA 70113

(MMG Job # 3921 LDH-03)

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

Table of Contents

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 Shiloh Gardens, 1629 Simon Bolivar Avenue, New Orleans, LA 70113 (School).

MMG personnel Erin LeCompte and Jeff Camus performed the initial facility assessment at the School on March 11, 2020. A water sampling plan was submitted to LDH-OPH on April 8, 2020 and approved on April 22, 2020. Water sampling was performed at the School on December 4, 2020 by MMG staff.

2.0 Summary of Activities

2.1 MMG Personnel

Multiple MMG personnel participated in this water sampling assessment and investigation. All MMG personnel that conducted water sampling on December 4, 2020 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

MMG Personnel	Accreditation Type	Certification Number	Date of Expiration
Erin LeCompte	Lead Inspector	OI217986	10/13/2021
	Lead Risk Assessor	OR217986	10/14/2021
Jeff Camus	Lead Inspector	MI182306	03/05/2021
	Lead Risk Assessor	MR182306	03/06/2021

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" 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 December 4, 2020 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.

2.3.1 Exceptions

Two (2) samples were unable to be collected during sampling activities on December 4, 2020, due to plumbing issues at the facility. These samples are the second draws from the first floor hallway water coolers (SG-Hall1-WC1-D2 and SG-Hall1-WC2-D2).

3.0 Analytical Results

Table 3.1 summarizes the analytical results for the water samples taken by MMG at Lakeview Presbyterian Weekday School, located at 1629 Simon Bolivar Avenue, New Orleans, LA 70113 on December 4, 2020. The table also compares the results to the LDH-OPH 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 for Shiloh Gardens

Sample ID	Sample Location	Description	Result (µg/L)	LDH-OPH Lead Action Level (µg/L)	Exceedance? (Yes/No)
SG-1Rm7KT-PF1-D1	Kitchen Pot Filler (Tri-Basin Sink)	First Draw	ND	15	No
SG-1Rm7KT-PF1-D2	Kitchen Pot Filler (Tri-Basin Sink)	Second Draw	ND	15	No
SG-1Rm7KT-F1-D1	Kitchen Faucet (Tri-Basin Sink)	First Draw	ND	15	No
SG-1Rm7KT-F1-D2	Kitchen Faucet (Tri-Basin Sink)	Second Draw	0.689	15	No
SG-1Rm7KT-F2-D1	Kitchen Faucet (Handwash Sink)	First Draw	1.11	15	No
SG-1Rm7KT-F2-D2	Kitchen Faucet (Handwash Sink)	Second Draw	ND	15	No
SG-Hall1-WC1-D1	Hallway Water Cooler; Left Side (Shorter) Cooler	First Draw	0.897	15	No
SG-Hall1-WC2-D1	Hallway Water Cooler; Right Side (Taller) Cooler	First Draw	1.46	15	No
SG-1Rm9Ba-F1-D1	Boy's Bathroom Handwash Sink	First Draw	0.568	15	No
SG-1Rm9Ba-F1-D2	Boy's Bathroom Handwash Sink	Second Draw	ND	15	No
SG-1Rm11Ba-F1-D1	Girl's Bathroom Handwash Sink	First Draw	ND	15	No
SG-1Rm11Ba-F1-D2	Girl's Bathroom Handwash Sink	Second Draw	ND	15	No
SG-1Rm5Ba-F1-D1	Bathroom; Handwash Sink (Left)	First Draw	1.12	15	No
SG-1Rm5Ba-F1-D2	Bathroom; Handwash Sink (Left)	Second Draw	0.529	15	No
SG-1Rm5Ba-F2-D1	Bathroom; Handwash Sink (Right)	First Draw	ND	15	No
SG-1Rm5Ba-F2-D2	Bathroom; Handwash Sink (Right)	Second Draw	ND	15	No
SG-2Rm12-F1-D1	Classroom, A-Side; Handwashing sink	First Draw	10.5	15	No
SG-2Rm12-F1-D2	Classroom, A-Side; Handwashing sink	Second Draw	1.05	15	No
SG-2Rm12-F2-D1	Classroom, C-Side; Handwashing sink	First Draw	3.92	15	No
SG-2Rm12-F2-D2	Classroom, C-Side; Handwashing sink	Second Draw	1.11	15	No
SG-2Rm12Ba1-F1-D1	Bathroom, A-Side; Handwashing sink	First Draw	7.28	15	No
SG-2Rm12Ba1-F1-D2	Bathroom, A-Side; Handwashing sink	Second Draw	0.899	15	No
SG-2Rm12Ba2-F1-D1	**Bathroom, A-Side;**	**First Draw**	**16.7**	**15**	**Yes**

Sample ID	Sample Location	Description	Result (µg/L)	LDH-OPH Lead Action Level (µg/L)	Exceedance? (Yes/No)
	Handwashing sink				
SG-2Rm12Ba2-F1-D2	Bathroom, A-Side; Handwashing sink	Second Draw	1.97	15	No
SG-2Rm12Ba3-F1-D1	Bathroom, C-Side; Handwashing sink	First Draw	13.6	15	No
SG-2Rm12Ba3-F1-D2	Bathroom, C-Side; Handwashing sink	Second Draw	0.871	15	No
SG-2Rm12Ba4-F1-D1	Bathroom, C-Side; Handwashing sink	First Draw	7.98	15	No
SG-2Rm12Ba4-F1-D2	Bathroom, C-Side; Handwashing sink	Second Draw	1.40	15	No
SG-2Hall2-WC1-D1	Hallway Water Cooler; Left Side (Shorter) Cooler	First Draw	1.12	15	No
SG-2Hall2-WC1-D2	Hallway Water Cooler; Left Side (Shorter) Cooler	Second Draw	ND	15	No
SG-2Hall2-WC2-D1	Hallway Water Cooler; Right Side (Taller) Cooler	First Draw	2.05	15	No
SG-2Hall2-WC2-D2	Hallway Water Cooler; Right Side (Taller) Cooler	Second Draw	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.*
>
> *LDH recommends to perform a daily flushing practice (30-seconds) at the fixtures with a "first draw" lead sample result of 5 ug/L or greater. Please see EPA's 3T Flushing Best Practices at https://www.epa.gov/ground-water-and-drinking-water/3ts-module-6.*

5.0 Signature of Principal

C. Paul Lo, ScD
Principal Environmental Health Scientist & LDEQ Lead Project Designer

Appendices

Appendix A: **Sampling Maps**

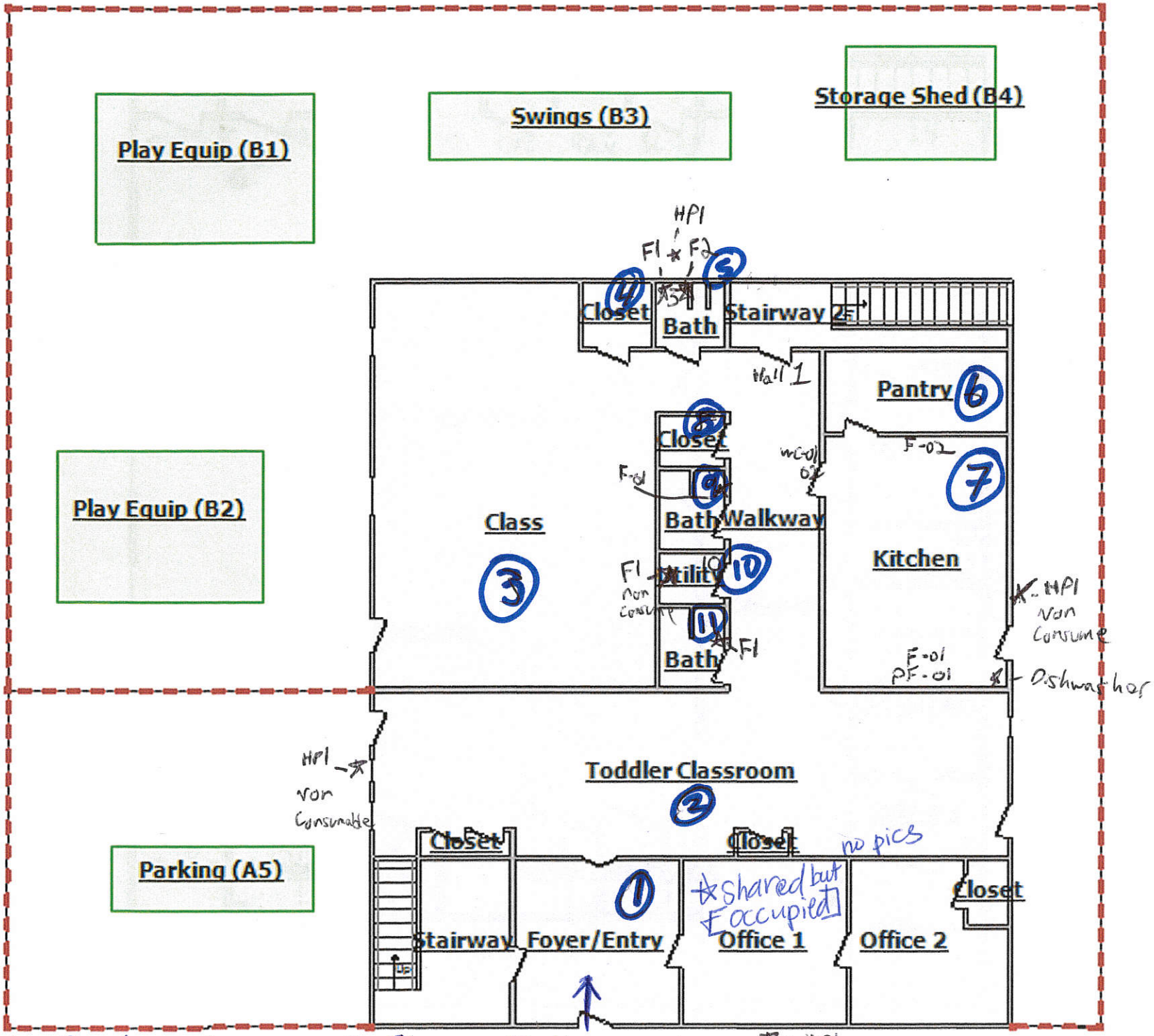
Appendix B: **Laboratory Report and Chain of Custody Documentation**

Appendix C: **Laboratory Accreditations and Certifications**

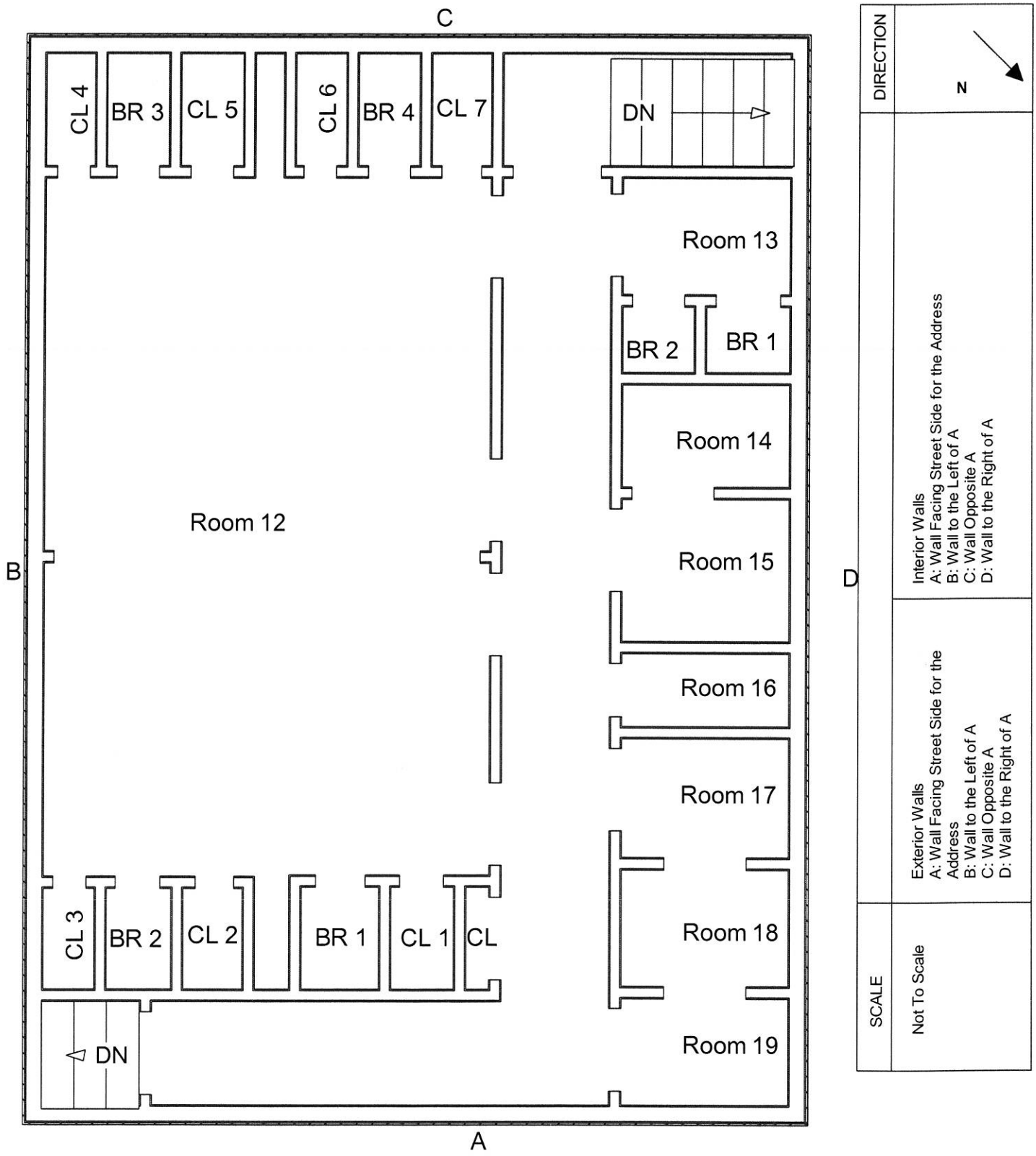
Appendix A: Sampling Maps

WC-01 short-L
02 tall -R

1st Floor



Shiloh Gardens : 1629 Simon Bolivar Ave



DRAWN BY: J.H.C.	Date:3/27/2020	FILE: 3921LDH-03	**SITE DIAGRAM** 1629 Simon Bolivar Ave., New Orleans, LA 70113	MATERIALS MANAGEMENT GROUP, INC.
			FIGURE 1 Second Floor	3520 GENERAL DEGAULLE SUITE 3010 NEW ORLEANS, LOUISIANA 70114 PHONE: 504-368-0568 FAX: 504-368-8403

Appendix B: Laboratory Report and Chain of Custody Documentation

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

12/11/2020

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

Ref: Report Number: 20-339-0026
Project Description: Water Sampling at Shiloh Gardens

Dear Dr. Paul Lo:

Waypoint Analytical Louisiana, Inc. received sample(s) on 12/4/2020 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 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

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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	06/30/2021
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
Arkansas	State Program	88-0650	02/07/2021
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	12/31/2020
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	08/31/2021
Pennsylvania	State Program - NELAP	68-03195	05/31/2021
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

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Sample Summary Table

Report Number: **20-339-0026**

Client Project Description: **Water Sampling at Shiloh Gardens**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
83075	SG-1Rm7KT-PF1-D1	Aqueous	12/04/2020 06:14	12/04/2020	EPA-200.8 (DW)	WP MTN
83076	SG-1Rm7KT-PF1-D2	Aqueous	12/04/2020 06:24	12/04/2020	EPA-200.8 (DW)	WP MTN
83077	SG-1Rm7KT-F1-D1	Aqueous	12/04/2020 06:13	12/04/2020	EPA-200.8 (DW)	WP MTN
83078	SG-1Rm7KT-F1-D2	Aqueous	12/04/2020 06:23	12/04/2020	EPA-200.8 (DW)	WP MTN
83079	SG-1Rm7KT-F2-D1	Aqueous	12/04/2020 06:13	12/04/2020	EPA-200.8 (DW)	WP MTN
83080	SG-1Rm7KT-F2-D2	Aqueous	12/04/2020 06:25	12/04/2020	EPA-200.8 (DW)	WP MTN
83081	SG-Hall1-WC1-D1	Aqueous	12/04/2020 06:18	12/04/2020	EPA-200.8 (DW)	WP MTN
83082	SG-Hall1-WC2-D1	Aqueous	12/04/2020 06:19	12/04/2020	EPA-200.8 (DW)	WP MTN
83083	SG-1Rm9Ba-F1-D1	Aqueous	12/04/2020 06:16	12/04/2020	EPA-200.8 (DW)	WP MTN
83084	SG-1Rm9Ba-F1-D2	Aqueous	12/04/2020 06:27	12/04/2020	EPA-200.8 (DW)	WP MTN
83085	SG-1Rm11Ba-F1-D1	Aqueous	12/04/2020 06:16	12/04/2020	EPA-200.8 (DW)	WP MTN
83086	SG-1Rm11Ba-F1-D2	Aqueous	12/04/2020 06:26	12/04/2020	EPA-200.8 (DW)	WP MTN
83087	SG-1Rm5Ba-F1-D1	Aqueous	12/04/2020 06:17	12/04/2020	EPA-200.8 (DW)	WP MTN
83088	SG-1Rm5Ba-F1-D2	Aqueous	12/04/2020 06:28	12/04/2020	EPA-200.8 (DW)	WP MTN
83089	SG-1Rm5Ba-F2-D1	Aqueous	12/04/2020 06:18	12/04/2020	EPA-200.8 (DW)	WP MTN
83090	SG-1Rm5Ba-F2-D2	Aqueous	12/04/2020 06:29	12/04/2020	EPA-200.8 (DW)	WP MTN
83091	SG-2Rm12-F1-D1	Aqueous	12/04/2020 06:16	12/04/2020	EPA-200.8 (DW)	WP MTN
83092	SG-2Rm12-F1-D2	Aqueous	12/04/2020 06:27	12/04/2020	EPA-200.8 (DW)	WP MTN
83093	SG-2Rm12-F2-D1	Aqueous	12/04/2020 06:18	12/04/2020	EPA-200.8 (DW)	WP MTN
83094	SG-2Rm12-F2-D2	Aqueous	12/04/2020 06:30	12/04/2020	EPA-200.8 (DW)	WP MTN
83095	SG-2Rm12Ba1-F1-D1	Aqueous	12/04/2020 06:17	12/04/2020	EPA-200.8 (DW)	WP MTN
83096	SG-2Rm12Ba1-F1-D2	Aqueous	12/04/2020 06:28	12/04/2020	EPA-200.8 (DW)	WP MTN
83097	SG-2Rm12Ba2-F1-D1	Aqueous	12/04/2020 06:17	12/04/2020	EPA-200.8 (DW)	WP MTN
83098	SG-2Rm12Ba2-F1-D2	Aqueous	12/04/2020 06:29	12/04/2020	EPA-200.8 (DW)	WP MTN
83099	SG-2Rm12Ba3-F1-D1	Aqueous	12/04/2020 06:19	12/04/2020	EPA-200.8 (DW)	WP MTN
83100	SG-2Rm12Ba3-F1-D2	Aqueous	12/04/2020 06:31	12/04/2020	EPA-200.8 (DW)	WP MTN
83101	SG-2Rm12Ba4-F1-D1	Aqueous	12/04/2020 06:20	12/04/2020	EPA-200.8 (DW)	WP MTN

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

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Sample Summary Table

Report Number: **20-339-0026**

Client Project Description: **Water Sampling at Shiloh Gardens**

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
83102	SG-2Rm12Ba4-F1-D2	Aqueous	12/04/2020 06:32	12/04/2020	EPA-200.8 (DW)	WP MTN
83103	SG-2Hall2-WC1-D1	Aqueous	12/04/2020 06:21	12/04/2020	EPA-200.8 (DW)	WP MTN
83104	SG-2Hall2-WC1-D2	Aqueous	12/04/2020 06:48	12/04/2020	EPA-200.8 (DW)	WP MTN
83105	SG-2Hall2-WC2-D1	Aqueous	12/04/2020 06:21	12/04/2020	EPA-200.8 (DW)	WP MTN
83106	SG-2Hall2-WC2-D2	Aqueous	12/04/2020 06:48	12/04/2020	EPA-200.8 (DW)	WP MTN

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

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Summary of Detected Analytes

Project: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SG-1Rm7KT-F1-D2	**A 83078**					
EPA-200.8 (DW)	Lead	0.689	µg/L	0.500	12/09/2020 17:35	
SG-1Rm7KT-F2-D1	**A 83079**					
EPA-200.8 (DW)	Lead	1.11	µg/L	0.500	12/09/2020 17:36	
SG-Hall1-WC1-D1	**A 83081**					
EPA-200.8 (DW)	Lead	0.897	µg/L	0.500	12/09/2020 17:44	
SG-Hall1-WC2-D1	**A 83082**					
EPA-200.8 (DW)	Lead	1.46	µg/L	0.500	12/09/2020 17:45	
SG-1Rm9Ba-F1-D1	**A 83083**					
EPA-200.8 (DW)	Lead	0.568	µg/L	0.500	12/09/2020 17:47	
SG-1Rm5Ba-F1-D1	**A 83087**					
EPA-200.8 (DW)	Lead	1.12	µg/L	0.500	12/09/2020 17:53	
SG-1Rm5Ba-F1-D2	**A 83088**					
EPA-200.8 (DW)	Lead	0.529	µg/L	0.500	12/09/2020 17:55	
SG-2Rm12-F1-D1	**A 83091**					
EPA-200.8 (DW)	Lead	10.5	µg/L	0.500	12/09/2020 18:04	
SG-2Rm12-F1-D2	**A 83092**					
EPA-200.8 (DW)	Lead	1.05	µg/L	0.500	12/09/2020 18:05	
SG-2Rm12-F2-D1	**A 83093**					
EPA-200.8 (DW)	Lead	3.92	µg/L	0.500	12/09/2020 18:16	
SG-2Rm12-F2-D2	**A 83094**					
EPA-200.8 (DW)	Lead	1.11	µg/L	0.500	12/09/2020 18:18	
SG-2Rm12Ba1-F1-D	**A 83095**					
EPA-200.8 (DW)	Lead	7.28	µg/L	0.500	12/09/2020 18:24	
SG-2Rm12Ba1-F1-D	**A 83096**					
EPA-200.8 (DW)	Lead	0.899	µg/L	0.500	12/09/2020 18:25	
SG-2Rm12Ba2-F1-D	**A 83097**					
EPA-200.8 (DW)	Lead	16.7	µg/L	0.500	12/09/2020 15:07	

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Summary of Detected Analytes

Project: **Water Sampling at Shiloh Gardens**

Report Number: **20-339-0026**

Client Sample ID / Method	Lab Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
SG-2Rm12Ba2-F1-D	**A 83098**					
EPA-200.8 (DW)	Lead	1.97	µg/L	0.500	12/09/2020 18:27	
SG-2Rm12Ba3-F1-D	**A 83099**					
EPA-200.8 (DW)	Lead	13.6	µg/L	0.500	12/09/2020 15:09	
SG-2Rm12Ba3-F1-D	**A 83100**					
EPA-200.8 (DW)	Lead	0.871	µg/L	0.500	12/09/2020 18:29	
SG-2Rm12Ba4-F1-D	**A 83101**					
EPA-200.8 (DW)	Lead	7.98	µg/L	0.500	12/09/2020 18:30	
SG-2Rm12Ba4-F1-D	**A 83102**					
EPA-200.8 (DW)	Lead	1.40	µg/L	0.500	12/09/2020 18:32	
SG-2Hall2-WC1-D1	**A 83103**					
EPA-200.8 (DW)	Lead	1.12	µg/L	0.500	12/09/2020 18:33	
SG-2Hall2-WC2-D1	**A 83105**					
EPA-200.8 (DW)	Lead	2.05	µg/L	0.500	12/09/2020 18:37	

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-1Rm7KT-PF1-D1

Date Collected 12/04/2020 06:14 **WPA Lab No** 83075
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:30:27	BKN	L526174

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

SG-1Rm7KT-PF1-D2

Date Collected 12/04/2020 06:24 **WPA Lab No** 83076
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:32:02	BKN	L526174

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

SG-1Rm7KT-F1-D1

Date Collected 12/04/2020 06:13 **WPA Lab No** 83077
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:33:37	BKN	L526174

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

Qualifiers/ Definitions MQL Method Quantitation Limit

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-1Rm7KT-F1-D2

Date Collected 12/04/2020 06:23 **WPA Lab No** 83078
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:35:12	BKN	L526174

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

SG-1Rm7KT-F2-D1

Date Collected 12/04/2020 06:13 **WPA Lab No** 83079
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:36:47	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.11**	0.500	µg/L

SG-1Rm7KT-F2-D2

Date Collected 12/04/2020 06:25 **WPA Lab No** 83080
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:38:23	BKN	L526174

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

Qualifiers/ Definitions MQL Method Quantitation Limit

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-Hall1-WC1-D1

Date Collected 12/04/2020 06:18 **WPA Lab No** 83081
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:44:14	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**0.897**	0.500	µg/L

SG-Hall1-WC2-D1

Date Collected 12/04/2020 06:19 **WPA Lab No** 83082
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:45:48	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.46**	0.500	µg/L

SG-1Rm9Ba-F1-D1

Date Collected 12/04/2020 06:16 **WPA Lab No** 83083
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:47:22	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**0.568**	0.500	µg/L

Qualifiers/ Definitions MQL Method Quantitation Limit

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-1Rm9Ba-F1-D2

Date Collected 12/04/2020 06:27 **WPA Lab No** 83084
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:48:56	BKN	L526174

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

SG-1Rm11Ba-F1-D1

Date Collected 12/04/2020 06:16 **WPA Lab No** 83085
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:50:30	BKN	L526174

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

SG-1Rm11Ba-F1-D2

Date Collected 12/04/2020 06:26 **WPA Lab No** 83086
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:52:05	BKN	L526174

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

Qualifiers/ Definitions MQL Method Quantitation Limit

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-1Rm5Ba-F1-D1

Date Collected 12/04/2020 06:17 **WPA Lab No** 83087
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:53:40	BKN	L526174

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

SG-1Rm5Ba-F1-D2

Date Collected 12/04/2020 06:28 **WPA Lab No** 83088
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:55:15	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**0.529**	0.500	µg/L

SG-1Rm5Ba-F2-D1

Date Collected 12/04/2020 06:18 **WPA Lab No** 83089
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:56:50	BKN	L526174

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

Qualifiers/ Definitions MQL Method Quantitation Limit

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-1Rm5Ba-F2-D2

Date Collected 12/04/2020 06:29 **WPA Lab No** 83090
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 17:58:26	BKN	L526174

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

SG-2Rm12-F1-D1

Date Collected 12/04/2020 06:16 **WPA Lab No** 83091
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 18:04:17	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**10.5**	0.500	µg/L

SG-2Rm12-F1-D2

Date Collected 12/04/2020 06:27 **WPA Lab No** 83092
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526004	EPA-200.8	50 mL	1	12/9/2020 18:05:51	BKN	L526174

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

Qualifiers/ Definitions MQL Method Quantitation Limit

Materials Management Group, Inc.
Dr. Paul Lo
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New Orleans, LA 701141

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-2Rm12-F2-D1

Date Collected 12/04/2020 06:18 **WPA Lab No** 83093
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:16:55	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**3.92**	0.500	µg/L

SG-2Rm12-F2-D2

Date Collected 12/04/2020 06:30 **WPA Lab No** 83094
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:18:31	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.11**	0.500	µg/L

SG-2Rm12Ba1-F1-D1

Date Collected 12/04/2020 06:17 **WPA Lab No** 83095
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:24:22	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**7.28**	0.500	µg/L

Qualifiers/ Definitions MQL Method Quantitation Limit

Materials Management Group, Inc.
Dr. Paul Lo
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Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-2Rm12Ba1-F1-D2

Date Collected 12/04/2020 06:28 **WPA Lab No** 83096
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:25:57	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**0.899**	0.500	µg/L

SG-2Rm12Ba2-F1-D1

Date Collected 12/04/2020 06:17 **WPA Lab No** 83097
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 07:40	L525820	EPA-200.8	50 mL	1	12/9/2020 15:07:54	BKN	L525989

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**16.7**	0.500	µg/L

SG-2Rm12Ba2-F1-D2

Date Collected 12/04/2020 06:29 **WPA Lab No** 83098
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:27:32	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.97**	0.500	µg/L

Qualifiers/ Definitions MQL Method Quantitation Limit

Materials Management Group, Inc.
Dr. Paul Lo
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New Orleans, LA 701141

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-2Rm12Ba3-F1-D1

Date Collected 12/04/2020 06:19 **WPA Lab No** 83099
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 07:40	L525820	EPA-200.8	50 mL	1	12/9/2020 15:09:28	BKN	L525989

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**13.6**	0.500	µg/L

SG-2Rm12Ba3-F1-D2

Date Collected 12/04/2020 06:31 **WPA Lab No** 83100
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:29:07	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**0.871**	0.500	µg/L

SG-2Rm12Ba4-F1-D1

Date Collected 12/04/2020 06:20 **WPA Lab No** 83101
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:30:42	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**7.98**	0.500	µg/L

Qualifiers/ Definitions MQL Method Quantitation Limit

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-2Rm12Ba4-F1-D2

Date Collected 12/04/2020 06:32 **WPA Lab No** 83102
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:32:17	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**1.40**	0.500	µg/L

SG-2Hall2-WC1-D1

Date Collected 12/04/2020 06:21 **WPA Lab No** 83103
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:33:52	BKN	L526174

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

SG-2Hall2-WC1-D2

Date Collected 12/04/2020 06:48 **WPA Lab No** 83104
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:35:27	BKN	L526174

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

Qualifiers/ Definitions MQL Method Quantitation Limit

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

Project Information: Water Sampling at Shiloh Gardens

Report Number: 20-339-0026
Report Date: 12/11/2020

Sample Results

SG-2Hall2-WC2-D1

Date Collected 12/04/2020 06:21 **WPA Lab No** 83105
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:37:03	BKN	L526174

CAS#	Parameter	Result	MQL	Units
7439-92-1	Lead	**2.05**	0.500	µg/L

SG-2Hall2-WC2-D2

Date Collected 12/04/2020 06:48 **WPA Lab No** 83106
Date Received 12/04/2020 **Matrix** Aqueous

EPA-200.8 (DW)

Prep Date	Prep Batch	Prep Method	Sample	Dilution	Analysis Date	By	Analytical Batch
12/09/2020 16:00	L526007	EPA-200.8	50 mL	1	12/9/2020 18:38:39	BKN	L526174

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

Qualifiers/ Definitions 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: **Materials Management Group, Inc.**
Project Description: **Water Sampling at Shiloh Gardens**
Report No: **20-339-0026**

QC Prep: L525820
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): L525989
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L525820 Matrix: AQU
Associated Lab Samples: 83097, 83099

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	12/09/20 14:04

Laboratory Control Sample LCS-L525820

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 G 88265-MS-L525820 G 88265-MSD-L525820

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	< 0.500	50.0	50.0	51.9	51.4	104	103	70-130	0.9	20.0

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

Quality Control Data

Client ID: **Materials Management Group, Inc.**
Project Description: **Water Sampling at Shiloh Gardens**
Report No: **20-339-0026**

QC Prep: L526004
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): L526174
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L526004 Matrix: AQU

Associated Lab Samples: 83075, 83076, 83077, 83078, 83079, 83080, 83081, 83082, 83083, 83084, 83085, 83086, 83087, 83088, 83089, 83090, 83091, 83092

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	12/09/20 17:24

Laboratory Control Sample LCS-L526004

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	47.9	96.0	85-115

Matrix Spike & Matrix Spike Duplicate A 83092-MS-L526004 A 83092-MSD-L526004

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Lead	µg/L	1.05	50.3	50.3	50.5	51.2	98.0	100	70-130	1.3	20.0

Waypoint ANALYTICAL
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Quality Control Data

Client ID: **Materials Management Group, Inc.**
Project Description: **Water Sampling at Shiloh Gardens**
Report No: **20-339-0026**

QC Prep: L526007
QC Prep Batch Method: EPA-200.8
QC Analytical Batch(es): L526174
Analysis Method: EPA-200.8 (DW)
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L526007 Matrix: AQU
Associated Lab Samples: 83093, 83094, 83095, 83096, 83098, 83100, 83101, 83102, 83103, 83104, 83105, 83106

Parameter	Units	Blank Result	MQL	Analyzed
Lead	µg/L	< 0.500	0.500	12/09/20 18:13

Laboratory Control Sample LCS-L526007

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Lead	µg/L	50.0	51.0	102	85-115

Matrix Spike & Matrix Spike Duplicate A 83106-MS-L526007 A 83106-MSD-L526007

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	50.0	100	100	70-130	0.1	20.0

Waypoint ANALYTICAL
5041 Taravella Road, Marrero, LA 70072
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www.waypointanalytical.com

Shipment Receipt Form

Customer Number: **01266**
Customer Name: **Materials Management Group, Inc.**
Report Number: **20-339-0026**

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: Christina R. Varuso Date & Time: 12/04/2020 18:33:31

20-339-0026
01266
12-04-2020
18:32:35
Materials Management Group, Inc.
Water Sampling at Shiloh Gardens

Client Name/Address	Client Project Manager/Contact	Billing Information
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)		Method of Shipment	
Water Sampling at Shiloh Gardens	New Orleans, LA	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other	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-03	503-368-0568	erinL@mmgnola.com	3921 LDH	03

Waypoint ANALYTICAL
5041 Taravella Road
Marrero, LA 70072
(504) 371-8560

Unless noted, all containers per Table II of 40 CFR Part 136.

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	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	Required Analysis / Preservative: EPA 200.8 (LEAD)	Comments/Notes
12/4/20	6:14	SG-1Rm7KT-PF1-D1	1	DW	G	✓	83075
	6:24	SG-1Rm7KT-PF1-D2	1	DW	G		83076
	6:13	SG-1Rm7KT-F1-D1	1	DW	G		83077
	6:23	SG-1Rm7KT-F1-D2	1	DW	G		83078
	6:13	SG-1Rm7KT-F2-D1	1	DW	G		83079
	6:25	SG-1Rm7KT-F2-D2	1	DW	G		83080
	6:18	SG-1Hall1-WC1-D1	1	DW	G		83081
		SG-1Hall1-WC1-D2	1	DW	G		omit
	6:19	SG-1Hall1-WC2-D1	1	DW	G		83082
			1	DW	G	✓	omit

For Laboratory Use Only			Sampled by (Name – Print)	Client Remarks/Comments
Ice Y/N	Custody Seals Y/N	Lab Comments	Erin LeCompte	1 of 4
Blank/Cooler Temp N/A				

	Date Time		Date Time
Relinquished by: (SIGNATURE)	12-4-20 10:50	Received by: (SIGNATURE)	
Relinquished by: (SIGNATURE)		Received by: (SIGNATURE)	
Relinquished by: (SIGNATURE)		Received by: (SIGNATURE)	12-4-20 1850

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)		Method of Shipment	Matrix Key
Water Sampling at Shiloh Gardens	New Orleans, LA	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other	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-03	503-368-0568	erinL@mmgnola.com	3921 LDH	03

Waypoint ANALYTICAL
5041 Taravella Road
Marrero, LA 70072
(504) 371-8560

Unless noted, all containers per Table II of 40 CFR Part 136.

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	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	EPA 200.8 (LEAD)	Comments/Notes
12/4/20	6:16	SG-1Rm9Ba-F1-D1	1	DW	G		83083
	6:27	SG-1Rm9Ba-F1-D2	1	DW	G		83084
	6:16	SG-1Rm11Ba-F1-D1	1	DW	G		83085
	6:26	SG-1Rm11Ba-F1-D2	1	DW	G		83086
	6:17	SG-1Rm5Ba-F1-D1	1	DW	G		83087
	6:28	SG-1Rm5Ba-F1-D2	1	DW	G		83088
	6:18	SG-1Rm5Ba-F2-D1	1	DW	G		83089
	6:29	SG-1Rm5Ba-F2-D2	1	DW	G		83090
	6:16	SG-2Rm12-F1-D1	1	DW	G		83091
↓	6:27	SG-2Rm12-F1-D2	1	DW	G	↓	83092

For Laboratory Use Only

Ice	Custody Seals	Lab Comments
Y / N	Y / N	

Blank/Cooler Temp: N/A

Sampled by (Name – Print): Erin LeCompte

Client Remarks/Comments: 2 of 4

	Date Time		Date Time
Relinquished by: (SIGNATURE)	12-4-20 10:50	Received by: (SIGNATURE)	
Relinquished by: (SIGNATURE)		Received by: (SIGNATURE)	
Relinquished by: (SIGNATURE)		Received by: (SIGNATURE)	12-4-20 1050

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)		Method of Shipment	Matrix Key
Water Sampling at Shiloh Gardens	New Orleans, LA	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other	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-03	503-368-0568	erinL@mmgnola.com	3921 LDH	03

Waypoint ANALYTICAL
5041 Taravella Road
Marrero, LA 70072
(504) 371-8560

Unless noted, all containers per Table II of 40 CFR Part 136.

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	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	Required Analysis / Preservative: EPA 200.8 (LEAD)	Comments/Notes
12/4/20	6:18	SG-2Rm12-F2-D1	1	DW	G		83093
	6:30	SG-2Rm12-F2-D2	1	DW	G		83094
	6:17	SG-2Rm12Ba1-F1-D1	1	DW	G		83095
	6:28	SG-2Rm12Ba1-F1-D2	1	DW	G		83096
	6:17	SG-2Rm12Ba2-F1-D1	1	DW	G		83097
	6:29	SG-2Rm12Ba2-F1-D2	1	DW	G		83098
	6:19	SG-2Rm12 Ba3-F1_D1	1	DW	G		83099
	6:31	SG-2Rm12Ba3-F1-D2	1	DW	G		83100
	6:20	SG-2Rm12Ba4-F1-D1	1	DW	G		83101
↓	6:32	SG-2Rm12Ba4-F1-D2	1	DW	G	↓	83102

For Laboratory Use Only			Sampled by (Name – Print)	Client Remarks/Comments
Ice	Custody Seals	Lab Comments	Erin LeCompte	3 of 4
Y / N	Y / N			
Blank/Cooler Temp				
N/A				

Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
	12.4.20 10:50		
Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
Relinquished by: (SIGNATURE)	Date Time	Received by: (SIGNATURE)	Date Time
			12-4-20 1050

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)		Method of Shipment	Matrix Key
Water Sampling at Shiloh Gardens	New Orleans, LA	☐ RUSH – Additional charges apply ☐ Special Detection Limit(s) Date Results Needed	☐ Fed Ex ☐ UPS ☐ USPS ☐ Courier ☐ Client Drop Off Other	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-03	503-368-0568	erinL@mmgnola.com	3921 LDH	03

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

Waypoint ANALYTICAL
5041 Taravella Road
Marrero, LA 70072
(504) 371-8560

Unless noted, all containers per Table II of 40 CFR Part 136.

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	EPA 200.8 (LEAD)	Comments/Notes
12/4/20	6:21	SG-2Hall2-WC1-D1	1	DW	G		~~8301~~ CW 83103
↓	6:48	SG-2Hall2-WC1-D2	1	DW	G		83104
↓	6:21	SG-2Hall2-WC2-D1	1	DW	G		83105
↓	6:48	SG-2Hall2-WC2-D2	1	DW	G		83106
			1	DW	G		
			1	DW	G		
			1	DW	G		
			1	DW	G		
			1	DW	G		
			1	DW	G	↓	

Required Analysis / Preservative

For Laboratory Use Only		
Ice Y / N (N)	Custody Seals Y / N (N)	Lab Comments
Blank/Cooler Temp N/A		

Sampled by (Name – Print): Erin LeCompte

Client Remarks/Comments: 4 of 4

Relinquished by: (SIGNATURE)	Date	Time	Received by: (SIGNATURE)	Date	Time
[signature]	12/4/20	10:50			
			[signature]	12-4-20	1050

Appendix C: Laboratory Accreditations and Certifications

John Bel Edwards
GOVERNOR

Dr. Courtney N. Phillips
SECRETARY

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 or (225) 219-5202.

Sincerely,

Grant Aucoin
Laboratory Certification Program Manager

Enclosures

STATE OF LOUISIANA

DEPARTMENT OF HEALTH
OFFICE OF PUBLIC HEALTH

LOUISIANA DEPARTMENT OF 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

EPA ID: TNI00012

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