



Environmental Resources Group

Assessment • Remediation • Compliance • Risk Management

LEAD IN DRINKING WATER SAMPLING



**PUBLIC MONTESSORI AT CENTRAL
4406 OKEMOS ROAD
OKEMOS, MICHIGAN 48864**

PREPARED FOR:

**OKEMOS PUBLIC SCHOOLS
4406 OKEMOS ROAD
OKEMOS, MICHIGAN 48864
ATTENTION: MR. JOHN HOOD**

PREPARED BY:

**ENVIRONMENTAL RESOURCES GROUP, LLC
3125 SOVEREIGN DRIVE, SUITE 9B
LANSING, MICHIGAN 48911**

ERG PROJECT NO.: 230029

**PROJECT DATES: NOVEMBER 22, 2023, DECEMBER 4, 2023, DECEMBER 5, 2023, AND JANUARY 4,
2024**

FINAL REPORT DATE: JANUARY 24, 2024

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1.0 INTRODUCTION AND BACKGROUND

1.1 INTRODUCTION

Environmental Resources Group, LLC (ERG) was retained by Okemos Public Schools to conduct lead in drinking water sampling within the Public Montessori at Central, 4406 Okemos Road, Okemos, Michigan. Sampling was conducted following the cleaning of the sink faucet aerators and the discovery of lead in drinking water following sampling by the Ingham County Health Department.

At the times of testing, the school was undergoing the construction of a new service entrance and main office area. Earlier in the year, several bathrooms had been renovated (new pipes, fixtures, and layout.)

The specific tasks of the evaluation were as follows:

- Collect first draw drinking water samples at select faucet and water bottle fill station locations in the Public Montessori at Central.

Kristin Peterson conducted the sampling on November 22, 2023, continued on December 4 and 5, 2023, and concluded the most recent testing on January 4, 2024, in order to determine lead concentrations in select locations in the school.

1.2 EVALUATION EQUIPMENT AND METHODS

Lead in water samples were collected using plastic 1 liter containers with a nitric acid preservative. The samples were collected after the building water system had not been used for at least 8 hours. Samples were collected as first draw samples, except for the sample collected on January 4, 2024 which was sampled shortly after that bottle fill station became operational.

Samples were collected and submitted to Merit Labs in East Lansing, Michigan. Samples were analyzed using the Environmental Protection Agency (EPA) SW846 Method 3015A Revision 1 Feb 2007. Merit is a Michigan Department of Environment, Great Lakes, and Energy (EGLE) Accredited Lab, Lab number 9956.

2.0 RESULTS OF TESTING

The following tables summarize the lead in drinking water sample results for the first draw samples collected on November 22, 2023, December 4, 2023, December 5, 2023, and January 4, 2024, and are as follows:

**Table T-1
Public Montessori at Central
Lead in Water Samples Collected November 22, 2023**

Room/Location	Time	Results
102	6:22	ND
103	6:26	ND
104	6:29	ND
105	6:30	ND
107	6:32	ND
106	6:34	ND
116	6:39	7 ppb
118	6:42	ND
121	6:44	38 ppb
Bottle filling station near 126	6:47	ND
124B	6:50	3 ppb
Bottle filling station near 115	6:55	ND

**Table T-2
Public Montessori at Central
Lead in Water Samples Collected December 4, 2023**

Room/Location	Time	Results
120	6:13	ND
119	6:15	6 ppb
118	6:17	4 ppb
117	6:19	10 ppb
116	6:24	14 ppb
124B	6:28	3 ppb
124D	6:29	3 ppb
Library	6:32	6 ppb
134	6:34	5 ppb

**Table T-3
Public Montessori at Central
Lead in Water Samples Collected December 5, 2023**

Room	Time	Results
Bottle Fill Station in Lobby	6:21	ND
121	6:25	49 ppb

**Table T-4
Public Montessori at Central
Lead in Water Samples Collected January 4, 2023**

Room	Time	Results
Bottle Fill Station across from Women's Restroom	3:30	ND

Please note that the laboratory reported results in units of micrograms of lead per Liter of drinking water (mg/L). These units are equivalent to parts per million (ppm). To convert units from ppm to parts per billion (ppb). Multiply the results in ppm by 1000. As an example, 0.005 mg/L is the same as 0.005 ppm, which once units are converted, is the same as 5 ppb.

3.0 CONCLUSIONS

The Environmental Protection Agency (EPA) has a lead in drinking water limit in the Lead and Copper Rule of 15 parts per billion (ppb).

A newly passed Michigan regulation called the “filter first” rule, that does not take full effect until 2025, requires that no children consume drinking water which has 5 or more ppb of lead. The sinks in the rooms where lead levels are above 5 parts per billion should not be used for drinking.

Based on the sample results for the lead in water testing all the tested bottle fill stations had no lead detected in the water. These bottle fill stations must be the only ones used for filling water bottles for drinking. Faucet locations, even repeated testing at the same faucet, have had highly variable results.

Those faucets with detectable lead may be used for washing hands, dishes, and fruits and vegetables, provided all hands and objects are dry prior to use or consumption.

ERG believes that construction activities in the building may have loosened scale and debris settled in the plumbing system that is now making its way through the water supply system, resulting in variable lead in drinking water, even at the same test location. Flushing should reduce lead in drinking water levels over time.

4.0 RECOMMENDATIONS

Based on the observations made by the investigator, the findings of this evaluation and the conclusions above, the following recommendation is offered:

1. ERG urges the Okemos Public Schools (OPS) to allow drinking water bottles to be filled only at the bottle fill stations. Sink faucets, including those in bathrooms, should not be used for drinking water. Classroom sink faucets should be labeled with a “Do Not Drink” or equivalent label or placard.
2. Flush each faucet for 10 minutes prior to the start of the school day.
3. Conduct follow up testing at a frequency, in a manner, and for a duration jointly agreed upon by ERG, the Ingham County Health Department, other regulatory agencies (e.g. EGLE), and OPS.

This evaluation was conducted consistent with sound investigative principles and current industry standards. For additional information, please review the attached data or call ERG.



Kristin Peterson
Senior Industrial Hygienist



Phillip A. Peterson
Senior Project Manager

APPENDIX A

Water Sample Data Sheets and Analytical Data for November 22, 2023





PROJECT NUMBER 200029

DATE: 11/22/2023

PROJECT Public Montessori at Central

SAMPLED BY Kristin Peterson

CLIENT Okemos Public School

ANALYZED BY Merit Tech Labs

WATER SAMPLE DATA SHEET

SAMPLE #	TYPE	DESCRIPTION	TIME ON	Results
1	L	Room 102	6:22	Not Detected
2	L	Room 103	6:26	Not Detected
3	L	Room 104	6:29	Not Detected
4	L	Room 105	6:30	Not Detected
5	L	Room 107	6:32	Not Detected
6	L	Room 106	6:34	Not Detected
7	L	Room 116	6:39	Not Detected
8	L	Room 118	6:42	Not Detected
9	L	Room 121	6:44	Not Detected
10	L	Drinking water bottle station near 126	6:47	Not Detected

mg/L=PPM
ppm/1000=PPB

SAMPLE TYPE L-Lead in water



PROJECT NUMBER 10120

DATE: 11/22/2023

PROJECT Public Montessori at Central

SAMPLED BY Kristin Peterson

CLIENT Okemos Public Schools

ANALYZED BY Merit/Water Tech Labs

WATER SAMPLE DATA SHEET

SAMPLE #	TYPE	DESCRIPTION	TIME ON		Results
11	L	Room 124B	6:50		3 ppb of lead
12	L	Bottle Filling Station near 115	6:55		Not detected
13	L	Childcare Room 135	6:57		Not detected
14	L	Bottle Filling Station near 135	7:00		Not detected
15	L	Cafeteria sink	7:29		Not detected

mg/L=PPM
ppm/1000=PPB

SAMPLE TYPE L-Lead in water



Analytical Laboratory Report

Report ID: S56044.01(01)
Generated on 11/27/2023

Report to

Attention: Kristin Peterson
Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Phone: 517-256-4048 FAX:
Email: Kristin.Peterson@ergp.net

Additional Contacts: John Kemp

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S56044.01-S56044.15
Project: 10120
Collected Date(s): 11/22/2023
Submitted Date/Time: 11/22/2023 10:35
Sampled by: Kristin Peterson
P.O. #:

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Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the

FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report



Analytical Laboratory Report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
E200.8	EPA Method 200.8 Revision 5.4
SW3015A	SW 846 Method 3015A Revision 1 February 2007



Analytical Laboratory Report

Sample Summary (15 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S56044.01	Room 102 (1)	Drinking Water	11/22/23 06:23
S56044.02	Room 103 (2)	Drinking Water	11/22/23 06:25
S56044.03	Room 104 (3)	Drinking Water	11/22/23 06:27
S56044.04	Room 105 (4)	Drinking Water	11/22/23 06:31
S56044.05	Room 107 (5)	Drinking Water	11/22/23 06:32
S56044.06	Room 106 (6)	Drinking Water	11/22/23 06:35
S56044.07	Room 116 (7)	Drinking Water	11/22/23 06:37
S56044.08	Room 118 (8)	Drinking Water	11/22/23 06:39
S56044.09	Room 121 (9)	Drinking Water	11/22/23 06:41
S56044.10	Drinking Fountain Bottle fill Near 126 (10)	Drinking Water	11/22/23 06:43
S56044.11	Room 124B (11)	Drinking Water	11/22/23 06:45
S56044.12	Drinking Fountain Bottle fill Near 115 (12)	Drinking Water	11/22/23 06:47
S56044.13	Child Care Room 135 (13)	Drinking Water	11/22/23 06:57
S56044.14	Drinking Fountain Bottle fill Near 135 (14)	Drinking Water	11/22/23 07:00
S56044.15	Cafeteria Sink (15)	Drinking Water	11/22/23 07:29



Analytical Laboratory Report

Lab Sample ID: S56044.01

Sample Tag: Room 102 (1)

Collected Date/Time: 11/22/2023 06:23

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:53, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.02

Sample Tag: Room 103 (2)

Collected Date/Time: 11/22/2023 06:25

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:54, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.03

Sample Tag: Room 104 (3)

Collected Date/Time: 11/22/2023 06:27

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:55, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.04

Sample Tag: Room 105 (4)

Collected Date/Time: 11/22/2023 06:31

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:56, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.05

Sample Tag: Room 107 (5)

Collected Date/Time: 11/22/2023 06:32

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:56, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.06

Sample Tag: Room 106 (6)

Collected Date/Time: 11/22/2023 06:35

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:57, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.07

Sample Tag: Room 116 (7)

Collected Date/Time: 11/22/2023 06:37

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:58, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.007	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.08

Sample Tag: Room 118 (8)

Collected Date/Time: 11/22/2023 06:39

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:58, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.09

Sample Tag: Room 121 (9)

Collected Date/Time: 11/22/2023 06:41

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 14:59, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.038	0.001		mg/L	2	7439-92-1	!	0.015

!-Result is outside of stated limit criteria



Analytical Laboratory Report

Lab Sample ID: S56044.10

Sample Tag: Drinking Fountain Bottle fill Near 126 (10)

Collected Date/Time: 11/22/2023 06:43

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals**Method: E200.8, Run Date: 11/22/23 15:00, Analyst: CCM**

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.11

Sample Tag: Room 124B (11)

Collected Date/Time: 11/22/2023 06:45

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 15:09, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.003	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.12

Sample Tag: Drinking Fountain Bottle fill Near 115 (12)

Collected Date/Time: 11/22/2023 06:47

Matrix: Drinking Water

COC Reference: 166317

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals**Method: E200.8, Run Date: 11/22/23 15:09, Analyst: CCM**

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.13

Sample Tag: Child Care Room 135 (13)

Collected Date/Time: 11/22/2023 06:57

Matrix: Drinking Water

COC Reference: 166318

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 15:10, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.14

Sample Tag: Drinking Fountain Bottle fill Near 135 (14)

Collected Date/Time: 11/22/2023 07:00

Matrix: Drinking Water

COC Reference: 166318

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals**Method: E200.8, Run Date: 11/22/23 15:11, Analyst: CCM**

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56044.15

Sample Tag: Cafeteria Sink (15)

Collected Date/Time: 11/22/2023 07:29

Matrix: Drinking Water

COC Reference: 166318

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	13.9	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	11/22/23 13:30	CCM	

Metals

Method: E200.8, Run Date: 11/22/23 15:12, Analyst: CCM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015

Merit Laboratories Login Checklist

Lab Set ID:S56044

Client:ERG (Environmental Resource Group)

Project: 10120

Submitted: 11/22/2023 10:35 Login User: MMC

Attention: Kristin Peterson

Address: Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Phone: 517-256-4048 FAX:

Email: Kristin.Peterson@ergrp.net

Selection	Description	Note
Sample Receiving		
01.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Samples are received at 4C +/- 2C Thermometer # IR 13.9
02.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Received on ice/ cooling process begun
03.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Samples shipped
04.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Samples left in 24 hr. drop box
05.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Are there custody seals/tape or is the drop box locked
Chain of Custody		
06.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	COC adequately filled out
07.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	COC signed and relinquished to the lab
08.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Sample tag on bottles match COC
09.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Subcontracting needed? Subcontracted to:
Preservation		
10.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Do sample have correct chemical preservation
11.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Completed pH checks on preserved samples? (no VOAs)
12.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Did any samples need to be preserved in the lab?
Bottle Conditions		
13.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	All bottles intact
14.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Appropriate analytical bottles are used
15.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Merit bottles used
16.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Sufficient sample volume received
17.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Samples require laboratory filtration
18.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Samples submitted within holding time
19.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Do water VOC or TOX bottles contain headspace

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Merit Laboratories Bottle Preservation Check

Lab Set ID: S56044 Submitted: 11/22/2023 10:35

Client: ERG (Environmental Resource Group)

Project: 10120

Attention: Kristin Peterson

Address: Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Initial Preservation Check: 11/22/2023 11:12 MMC

Preservation Recheck (E200.8): N/A

Phone: 517-256-4048 FAX:

Email: Kristin.Peterson@ergp.net

Sample ID	Bottle / Preservation	pH (Orig)	Add ml	pH (New)	Notes
S56044.01	1L Plastic HNO3	<2			
S56044.02	1L Plastic HNO3	<2			
S56044.03	1L Plastic HNO3	<2			
S56044.04	1L Plastic HNO3	<2			
S56044.05	1L Plastic HNO3	<2			
S56044.06	1L Plastic HNO3	<2			
S56044.07	1L Plastic HNO3	<2			
S56044.08	1L Plastic HNO3	<2			
S56044.09	1L Plastic HNO3	<2			
S56044.10	1L Plastic HNO3	<2			
S56044.11	1L Plastic HNO3	<2			
S56044.12	1L Plastic HNO3	<2			
S56044.13	1L Plastic HNO3	<2			
S56044.14	1L Plastic HNO3	<2			
S56044.15	1L Plastic HNO3	<2			

APPENDIX B

Water Sample Data Sheet and Analytical Data for December 4, 2023





PROJECT NUMBER 230029

DATE: 12/4/2023

PROJECT Public Montessori at Central

SAMPLED BY Kristin Peterson

CLIENT Okemos Public Schools

ANALYZED BY Merit Tech Labs

WATER SAMPLE DATA SHEET

SAMPLE #	TYPE	DESCRIPTION	TIME ON	Results PPB
1	L	Room 120	6:13	ND
2	L	Room 119	6:15	6
3	L	Room 118	6:17	4
4	L	Room 117	6:19	1
5	L	Room 116	6:24	14
6	L	Room 124B	6:28	3
7	L	Room 124D	6:29	3
8	L	Library	6:32	6
9	L	Room 134	6:34	5

mg/L=PPM
ppm/1000=PPB

SAMPLE TYPE L-Lead in water



Analytical Laboratory Report

Report ID: S56324.01(01)
Generated on 12/05/2023

Report to

Attention: Kristin Peterson
Environmental Resource Group
3125 Sovereign Dr.
Lansing, MI 48911

Phone: 517-256-4048 FAX:
Email: Kristin.Peterson@ergp.net

Additional Contacts: John Kemp

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S56324.01-S56324.09
Project: 230029
Collected Date(s): 12/04/2023
Submitted Date/Time: 12/04/2023 09:00
Sampled by: Kristin Peterson
P.O. #:

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Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the

FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report



Analytical Laboratory Report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
E200.8	EPA Method 200.8 Revision 5.4
SW3015A	SW 846 Method 3015A Revision 1 February 2007



Analytical Laboratory Report

Sample Summary (9 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S56324.01	Room 120 - 01	Drinking Water	12/04/23 06:13
S56324.02	Room 119 - 02	Drinking Water	12/04/23 06:15
S56324.03	Room 118 - 03	Drinking Water	12/04/23 06:17
S56324.04	Room 117 - 04	Drinking Water	12/04/23 06:19
S56324.05	Room 116 - 05	Drinking Water	12/04/23 06:24
S56324.06	Room 124B - 06	Drinking Water	12/04/23 06:28
S56324.07	Room 124D - 07	Drinking Water	12/04/23 06:29
S56324.08	Library - 08	Drinking Water	12/04/23 06:32
S56324.09	Room 131	Drinking Water	12/04/23 06:34



Analytical Laboratory Report

Lab Sample ID: S56324.01

Sample Tag: Room 120 - 01

Collected Date/Time: 12/04/2023 06:13

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:30, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.02

Sample Tag: Room 119 - 02

Collected Date/Time: 12/04/2023 06:15

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:31, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.006	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.03

Sample Tag: Room 118 - 03

Collected Date/Time: 12/04/2023 06:17

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:32, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.004	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.04

Sample Tag: Room 117 - 04

Collected Date/Time: 12/04/2023 06:19

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:34, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.010	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.05

Sample Tag: Room 116 - 05

Collected Date/Time: 12/04/2023 06:24

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:35, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.014	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.06

Sample Tag: Room 124B - 06

Collected Date/Time: 12/04/2023 06:28

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:36, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.003	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.07

Sample Tag: Room 124D - 07

Collected Date/Time: 12/04/2023 06:29

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:38, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.003	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.08

Sample Tag: Library - 08

Collected Date/Time: 12/04/2023 06:32

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:39, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.006	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56324.09

Sample Tag: Room 131

Collected Date/Time: 12/04/2023 06:34

Matrix: Drinking Water

COC Reference: 169862

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:40, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.005	0.001		mg/L	2	7439-92-1		0.015

Merit Laboratories Login Checklist

Lab Set ID:S56324

Client:ERG (Environmental Resource Group)

Project: 230029

Submitted: 12/04/2023 09:00 Login User: MMC

Attention: Kristin Peterson

Address: Environmental Resource Group
3125 Sovereign Dr.
Lansing, MI 48911

Phone: 517-256-4048 FAX:

Email: Kristin.Peterson@ergrp.net

Selection	Description	Note
-----------	-------------	------

Sample Receiving

- | | | |
|-----|--|---|
| 01. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples are received at 4C +/- 2C Thermometer # IR 15.4 |
| 02. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Received on ice/ cooling process begun |
| 03. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples shipped |
| 04. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples left in 24 hr. drop box |
| 05. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Are there custody seals/tape or is the drop box locked |

Chain of Custody

- | | | |
|-----|--|--|
| 06. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | COC adequately filled out |
| 07. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | COC signed and relinquished to the lab |
| 08. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Sample tag on bottles match COC |
| 09. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Subcontracting needed? Subcontracted to: |

Preservation

- | | | |
|-----|--|---|
| 10. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Do sample have correct chemical preservation |
| 11. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Completed pH checks on preserved samples? (no VOAs) |
| 12. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Did any samples need to be preserved in the lab? |

Bottle Conditions

- | | | |
|-----|--|---|
| 13. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | All bottles intact |
| 14. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Appropriate analytical bottles are used |
| 15. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Merit bottles used |
| 16. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Sufficient sample volume received |
| 17. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples require laboratory filtration |
| 18. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Samples submitted within holding time |
| 19. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Do water VOC or TOX bottles contain headspace |

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Merit Laboratories Bottle Preservation Check

Lab Set ID: S56324 Submitted: 12/04/2023 09:00

Client: ERG (Environmental Resource Group)

Project: 230029

Attention: Kristin Peterson

Address: Environmental Resource Group
3125 Sovereign Dr.
Lansing, MI 48911

Initial Preservation Check: 12/04/2023 09:28 MMC

Preservation Recheck (E200.8): N/A

Phone: 517-256-4048

FAX:

Email: Kristin.Peterson@ergp.net

Sample ID	Bottle / Preservation	pH (Orig)	Add ml	pH (New)	Notes
S56324.01	1L Plastic HNO3	<2			
S56324.02	1L Plastic HNO3	<2			
S56324.03	1L Plastic HNO3	<2			
S56324.04	1L Plastic HNO3	<2			
S56324.05	1L Plastic HNO3	<2			
S56324.06	1L Plastic HNO3	<2			
S56324.07	1L Plastic HNO3	<2			
S56324.08	1L Plastic HNO3	<2			
S56324.09	1L Plastic HNO3	<2			



2680 East Lansing Dr., East Lansing, MI 48823
 Phone (517) 332-0167 Fax (517) 332-4034
 www.meritlabs.com

C.O.C. PAGE # 1 OF 1 169862

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME: Environmental Resources Group - Kristin Peterson
 COMPANY: ERG
 ADDRESS: 3125 Sovereign Dr.
 CITY: Lansing STATE: Mi ZIP CODE: 48911
 PHONE NO.: 517-256-4048
 E-MAIL ADDRESS: Kristin.peterson@ergsrp.net + Phillip.peterson@ergsrp.net

CONTACT NAME: ~~ERG~~ Accounting
 COMPANY: ERG
 ADDRESS: 28003 Center Oaks Ct, Suite 106
 CITY: Wixom STATE: Mi ZIP CODE: 48393
 PHONE NO.: 248-773-7986
 E-MAIL ADDRESS: accounting@ergsrp.net

PROJECT NO./NAME: 230029
 SAMPLER(S) - PLEASE PRINT/SIGN NAME: Kristin Peterson
 TURNAROUND TIME REQUIRED: 1 DAY 2 DAYS 3 DAYS STANDARD OTHER
 DELIVERABLES REQUIRED: STD LEVEL II LEVEL III LEVEL IV EDD OTHER

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

MATRIX W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID
 CODE: SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIFE A=AIR WS=WASTE

Containers & Preservatives

MERIT LAB NO. <small>FOR LAB USE ONLY</small>	COLLECTION		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	NONE	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH	OTHER	Lead in drinking water	Certifications		Project Locations		Special Instructions
	DATE	TIME												<input type="checkbox"/> OHIO VAP	<input checked="" type="checkbox"/> Drinking Water	<input type="checkbox"/> DoD	<input type="checkbox"/> NPDES	
56324.01	12/4/23	6:13	Room 120 - 01	W	1			X					X					
.02		6:15	Room 119 - 02	W	1			X					X					
.03		6:17	Room 118 - 03	W	1			X					X					
.04		6:19	Room 117 - 04	W	1			X					X					
.05		6:24	Room 116 - 05	W	1			X					X					
.06		6:28	Room 124B - 06	W	1			X					X					
.07		6:29	Room 124D - 07	W	1			X					X					
.08		6:32	Library - 08	W	1			X					X					
.09		6:34	Room 131	W	1			X					X					

RELINQUISHED BY: *[Signature]* DATE: 12/4/23 TIME: 9:00
 RECEIVED BY: *[Signature]* DATE: 12/4/23 TIME: 0900

RELINQUISHED BY: DATE: TIME:
 RECEIVED BY: DATE: TIME:
 SEAL NO. SEAL INTACT INITIALS NOTES: TEMP. ON ARRIVAL: 15.4
 YES NO
 SEAL NO. SEAL INTACT INITIALS
 YES NO

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

APPENDIX C

Water Sample Data Sheet and Analytical Data for December 5, 2023





Analytical Laboratory Report

Report ID: S56363.01(01)
Generated on 12/05/2023

Report to

Attention: Kristin Peterson
Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Phone: 517-256-4048 FAX:
Email: Kristin.Peterson@ergp.net

Additional Contacts: John Kemp

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S56363.01-S56363.02
Project: 230029 Okemos Central
Collected Date(s): 12/05/2023
Submitted Date/Time: 12/05/2023 08:12
Sampled by: Kristin Peterson
P.O. #:

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Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the

FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report



Analytical Laboratory Report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
E200.8	EPA Method 200.8 Revision 5.4
SW3015A	SW 846 Method 3015A Revision 1 February 2007



Analytical Laboratory Report

Sample Summary (2 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S56363.01	Bottle fill station Lobby - 01	Drinking Water	12/05/23 06:21
S56363.02	Room 121	Drinking Water	12/05/23 06:25



Analytical Laboratory Report

Lab Sample ID: S56363.01

Sample Tag: Bottle fill station Lobby - 01

Collected Date/Time: 12/05/2023 06:21

Matrix: Drinking Water

COC Reference: 169869

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.8	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:49, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015



Analytical Laboratory Report

Lab Sample ID: S56363.02

Sample Tag: Room 121

Collected Date/Time: 12/05/2023 06:25

Matrix: Drinking Water

COC Reference: 169869

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	15.8	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	12/05/23 09:30	JRH	

Metals

Method: E200.8, Run Date: 12/05/23 11:50, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	0.049	0.001		mg/L	2	7439-92-1	!	0.015

!-Result is outside of stated limit criteria

Merit Laboratories Login Checklist

Lab Set ID:S56363

Client:ERG (Environmental Resource Group)

Project: 230029 Okemos Central

Submitted: 12/05/2023 08:12 Login User: MMC

Attention: Kristin Peterson

Address: Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Phone: 517-256-4048 FAX:

Email: Kristin.Peterson@ergrp.net

Selection	Description	Note
-----------	-------------	------

Sample Receiving

- | | | |
|-----|--|---|
| 01. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples are received at 4C +/- 2C Thermometer # IR 15.8 |
| 02. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Received on ice/ cooling process begun |
| 03. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples shipped |
| 04. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples left in 24 hr. drop box |
| 05. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Are there custody seals/tape or is the drop box locked |

Chain of Custody

- | | | |
|-----|--|--|
| 06. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | COC adequately filled out |
| 07. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | COC signed and relinquished to the lab |
| 08. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Sample tag on bottles match COC |
| 09. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Subcontracting needed? Subcontracted to: |

Preservation

- | | | |
|-----|--|---|
| 10. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Do sample have correct chemical preservation |
| 11. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Completed pH checks on preserved samples? (no VOAs) |
| 12. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Did any samples need to be preserved in the lab? |

Bottle Conditions

- | | | |
|-----|--|---|
| 13. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | All bottles intact |
| 14. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Appropriate analytical bottles are used |
| 15. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Merit bottles used |
| 16. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Sufficient sample volume received |
| 17. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples require laboratory filtration |
| 18. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Samples submitted within holding time |
| 19. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Do water VOC or TOX bottles contain headspace |

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Merit Laboratories Bottle Preservation Check

Lab Set ID: S56363 Submitted: 12/05/2023 08:12

Client: ERG (Environmental Resource Group)

Project: 230029 Okemos Central

Initial Preservation Check: 12/05/2023 09:12 MMC

Preservation Recheck (E200.8): N/A

Attention: Kristin Peterson

Address: Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Phone: 517-256-4048 FAX:

Email: Kristin.Peterson@ergp.net

Sample ID	Bottle / Preservation	pH (Orig)	Add ml	pH (New)	Notes
S56363.01	1L Plastic HNO3	<2			
S56363.02	1L Plastic HNO3	<2			



2680 East Lansing Dr., East Lansing, MI 48823
 Phone (517) 332-0167 Fax (517) 332-4034
 www.meritlabs.com

C.O.C. PAGE # _____ OF _____

169869

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME: Kristin Peterson
 COMPANY: ERG
 ADDRESS: 3125 ~~1925~~ Sovereign Dr Suite 9B
 CITY: Lansing STATE: mi ZIP CODE: 48911
 PHONE NO.: 517-256-4048 CELL NO.: P.O. NO.:
 E-MAIL ADDRESS: Kristin.peterson@ersrp.net + phillip.peterson@ersrp.net
 QUOTE NO.:

CONTACT NAME: Accounting SAME
 COMPANY: ERG
 ADDRESS: 28003 Center Oaks Ct Suite 106
 CITY: Wixom STATE: mi ZIP CODE: 48393
 PHONE NO.: 248-773-7986 E-MAIL ADDRESS: accounting@ersrp.net

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

PROJECT NO./NAME: 230029 olemos central
 SAMPLER(S) - PLEASE PRINT/SIGN NAME: [Signature] / Kristin Peterson
 TURNAROUND TIME REQUIRED: 1 DAY 2 DAYS 3 DAYS STANDARD OTHER
 DELIVERABLES REQUIRED: STD LEVEL II LEVEL III LEVEL IV EDD OTHER

Certifications
 OHIO VAP Drinking Water
 DoD NPDES
 Project Locations
 Detroit New York
 Other _____
 Special Instructions

MATRIX W=WATER GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID
 CODE: SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR WS=WASTE

Containers & Preservatives

MERIT LAB NO. <small>FOR LAB USE ONLY</small>	COLLECTION		SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives							OTHER	
	DATE	TIME				NONE	HCl	HNO ₃	H ₂ SO ₄	NaOH	MeOH			
56363.01	12/5/23	6:21	bottle fill station lobby - 01	W	1			X					X	Leading drinking water
.02	12/5/23	6:25	Room 121	W	1			X					X	

RELINQUISHED BY: [Signature] Sampler DATE: 12/5/23 TIME: 8:12
 RECEIVED BY: [Signature] DATE: 12/5/23 TIME: 0812

RELINQUISHED BY: _____ DATE: _____ TIME: _____
 RECEIVED BY: _____ DATE: _____ TIME: _____
 SEAL NO. SEAL INTACT YES NO INITIALS _____
 SEAL NO. SEAL INTACT YES NO INITIALS _____
 NOTES: TEMP. ON ARRIVAL: 15.8

APPENDIX D

Water Sample Data Sheet and Analytical Data for January 4, 2023





Report ID: S57380.01(01)
Generated on 01/05/2024

Report to

Attention: Kristin Peterson
Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Phone: 517-256-4048 FAX:
Email: Kristin.Peterson@ergp.net

Additional Contacts: John Kemp, Phillip Peterson

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S57380.01
Project: 230029 Okemos Public Motessori at Central
Collected Date(s): 01/04/2024
Submitted Date/Time: 01/04/2024 15:33
Sampled by: Unknown
P.O. #:

Table of Contents

- Cover Page (Page 1)
- General Report Notes (Page 2)
- Report Narrative (Page 2)
- Laboratory Accreditations (Page 3)
- Qualifier Descriptions (Page 3)
- Glossary of Abbreviations (Page 3)
- Method Summary (Page 4)
- Sample Summary (Page 5)

Maya Murshak
Technical Director



General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

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FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

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For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

Preliminary report sent to meet rush turnaround time. Missing required sampler name and collection time for sample.

Final report will be sent once required sample information is received.

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Method Summary

Method	Version
E200.8	EPA Method 200.8 Revision 5.4
SW3015A	SW 846 Method 3015A Revision 1 February 2007



Analytical Laboratory Report

Preliminary Report

Sample Summary (1 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S57380.01	Bottle fill across from Womens restroom East Wing	Drinking Water	01/04/24 00:01



Analytical Laboratory Report

Preliminary Report

Lab Sample ID: S57380.01

Sample Tag: Bottle fill across from Womens restroom East Wing

Collected Date/Time: 01/04/2024 00:01

Matrix: Drinking Water

COC Reference:

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	HNO3	Yes	16.4	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3015A	01/05/24 10:00	JRH	

Metals

Method: E200.8, Run Date: 01/05/24 11:28, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags	Limits
Lead	Not detected	0.001		mg/L	2	7439-92-1		0.015

Merit Laboratories Login Checklist

Lab Set ID:S57380

Attention: Kristin Peterson
Address: Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Client:ERG (Environmental Resource Group)

Project: 230029 Okemos Public Motessori at Central

Submitted:01/04/2024 15:33 Login User: MMC

Phone: 517-256-4048 FAX:
Email: Kristin.Peterson@ergrp.net

Selection	Description	Note
-----------	-------------	------

Sample Receiving

- | | | |
|-----|--|---|
| 01. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples are received at 4C +/- 2C Thermometer # IR 16.4 |
| 02. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Received on ice/ cooling process begun |
| 03. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples shipped |
| 04. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples left in 24 hr. drop box |
| 05. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Are there custody seals/tape or is the drop box locked |

Chain of Custody

- | | | |
|-----|--|--|
| 06. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | COC adequately filled out Missing sampler name and collection time |
| 07. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | COC signed and relinquished to the lab |
| 08. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Sample tag on bottles match COC |
| 09. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Subcontracting needed? Subcontracted to: |

Preservation

- | | | |
|-----|--|---|
| 10. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Do sample have correct chemical preservation |
| 11. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Completed pH checks on preserved samples? (no VOAs) |
| 12. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Did any samples need to be preserved in the lab? |

Bottle Conditions

- | | | |
|-----|--|---|
| 13. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | All bottles intact |
| 14. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Appropriate analytical bottles are used |
| 15. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Merit bottles used |
| 16. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Sufficient sample volume received |
| 17. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Samples require laboratory filtration |
| 18. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | Samples submitted within holding time |
| 19. | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Do water VOC or TOX bottles contain headspace |

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

Merit Laboratories Bottle Preservation Check

Lab Set ID: S57380 Submitted: 01/04/2024 15:33

Client: ERG (Environmental Resource Group)

Project: 230029 Okemos Public Motessori at Central

Initial Preservation Check: 01/04/2024 15:55 MMC

Preservation Recheck (E200.8): N/A

Attention: Kristin Peterson

Address: Environmental Resource Group
28003 Center Oaks Court, Suite 106
Wixom, MI 48393

Phone: 517-256-4048 FAX:

Email: Kristin.Peterson@ergp.net

Sample ID	Bottle / Preservation	pH (Orig)	Add ml	pH (New)	Notes
S57380.01	1L Plastic HNO3	<2			



Environmental Resources Group

3125 Sovereign Drive • Suite B • Lansing, MI 48911
Phone: 517-999-6020 • Fax 248-924-3108

51380.01

Client Name: ERG			PARAMETERS										Matrix Code									
Contact Person: K. Peterson			MATRIX (SEE RIGHT CORNER FOR CODE)	# OF CONTAINERS	drinking Lead in water													S	Soil	GW	Ground Water	
Project Name/ Number: 230024						A	Air	SW	Surface Water	O	Oil	W	Wastewater	B	Bulks	X	Other: Specify					
Project Location: Public Restrooms at Central																						
Email Distribution List: Kristin.Peterson@ergpp.net Phillip.Peterson@ergpp.net																						
Phone No.:																						
Purchase Order No.:																						
Date	Time	Sample #	Client Sample Descriptor										Remarks:									
1/4/24		1/4/24-01	Bottle full across from women's restroom East wing										1 liter - nitric acid									
Comments:			Samples received in acceptable condition <input type="checkbox"/>																			
Sampled/Relinquished By: [Signature]			Date/Time: 15:17 1/4/24			Received By: [Signature]																
Relinquished By: [Signature]			Date/Time: 01/04/24 - 15:33			Received By: Johanna Murray 1/4/24 1533																
Relinquished By:			Date/Time:			Received By Laboratory:																
Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY												LAB USE ONLY										
Same day _____ X 1 bus. day _____ 2 bus. days _____ 3 bus. days _____ 4 bus. days _____ by COB tomorrow 5-7 bus. days (standard) _____ Other (specify time/date requirement): _____												ERG project number: Temperature upon receipt at Lab (if applicable): IR:16.4										
Please see back for terms and conditions																						