Testing Engineers & Consultants, Inc.
1343 Rochester Road • PO Box 249 • Troy, Michigan 48099-0249
(248) 588-6200 or (313) T-E-S-T-I-N-G • Fax (248) 588-6232
www.testingengineers.com

TEC Report Number: 63866-01
Date Issued: January 22, 2024

Mr. Benjamin Matteson
Director of Facilities
Grosse Pointe Public School System
20601 Morningside Drive
Grosse Pointe Woods, MI 48236

Re: District-Wide Drinking Water Sampling and Analysis for Lead and Copper. Sampling Dates: December 28-29, 2023.

Dear Mr. Matteson:

Testing Engineers & Consultants, Inc. (TEC) recently conducted district-wide drinking water screening sampling from various point of use outlets in each school. Both first-draw and two-minute flushed water samples were collected from representative bottle filling stations and kitchen/staff lounge sinks. All sampling locations were flushed for at least five minutes the previous evening by Grosse Pointe Public Schools (GPPS) facilities staff. After sampling was completed, the samples were forwarded to an MDEQ-certified drinking water laboratory (Paragon Laboratories, Livonia, MI) and analyzed for lead and copper using EPA Analytical Method 200.8. Please note that only one location (1st floor; kitchen sink) was tested at Richard Elementary School due to a power outage at the time of the sampling event.

Appendix A provides a district-wide summary of the laboratory results by building. Appendices B through N each contain a summary table of findings for an individual school, a layout depicting sampling locations as well as the laboratory report and Chain of Custody document. A total of 100 water samples were collected for this project. No samples throughout the district exceeded the EPA Action Level for lead and copper.

We are pleased to provide this service. Should you have any questions or require additional information, please contact this office at your earliest convenience.

Respectfully Yours,
TESTING ENGINEERS & CONSULTANTS, INC.

Scott M. Chandler, CIH
Manager, Industrial Hygiene Services

APPENDIX A

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: December 28-29, 2023

School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
Barnes	1	1P	1st Floor; Bottle Filling Station across from Rm 109 (Formerly 101)	1st	<0.0010	0.18
		1F		F	<0.0010	0.026
	2	2P	1st Floor;Room 106 (Infant Room) (Formerly Room 104); Right Sink	1st	<0.0010	0.17
		2F		F	<0.0010	0.063
	3	3P	Staff Lounge (Room 203 formerly Room 207);	1st	0.0081	0.084
		3F		F	<0.0010	0.010
	4	4P	2nd Floor, Drinking Fountian across from Rm 201	1st	0.0022	0.22
		4F		F	<0.0010	0.062
Brownell	1	1P	1st Floor; Bottle Filling Station across from Boys Locker Rm	1st	<0.0010	0.025
		1F		F	<0.0010	0.020
	2	2P	1st Floor; Room C5, Sink in Home Making Room; Cold	1st	0.0028	0.055
		2F		F	<0.0010	0.013
	3	3P	1st Floor; Faculty Lounge Sink; Cold	1st	0.0019	0.047
		3F		F	<0.0010	0.016
	4	4P	2nd Floor; Bottle Filling Station across from Rm A59	1st	<0.0010	0.028
		4F		F	<0.0010	0.020
Defer	1	1P	1st Floor; Drinking Fountain near Elevator	1st	<0.0010	0.055
		1F		F	<0.0010	0.028
	2	2P	2nd Floor; Food Prep Sink in Rm 206; Cold	1st	<0.0010	0.057
		2F		F	<0.0010	0.0042
	3	3P	3rd Floor; Drinking Fountain near Elevator	1st	<0.0010	0.063
		3F		F	<0.0010	0.036

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: December 28-29, 2023

School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
Ferry	1	1P	1st Floor; Bottle Filling Station across fro	1st	<0.0010	0.081
		1F	Room 128	F	<0.0010	0.031
	2	2P	1st Floor; Bottle Filling Station across from	1st	<0.0010	0.050
		2F	Rm 102	F	<0.0010	0.041
	3	3P	2nd Floor; Drinking Fountain across from	1st	<0.0010	0.026
		3F	Rm 201	F	<0.0010	0.025
Kerby	1	1P	1st Floor; Bottle Filling Station outside Rm	1st	<0.0010	0.024
		1F	23	F	<0.0010	0.014
	2	2P	1st Floor; Faculty Lounge Sink; cold	1st	<0.0010	0.029
		2F		F	<0.0010	0.015
	3	3P	1st Floor; Drinking Fountain across from	1st	<0.0010	0.024
		3F	Room 19	F	<0.0010	0.017
Maire	1	1P	1st Floor; Bottle Filling Station across from	1st	<0.0010	0.035
		1F	Gymnasium	F	<0.0010	0.0093
	2	2P	1st Floor; Kitchen Sink; Cold	1st	<0.0010	0.019
		2F		F	<0.0010	0.0012
	3	3P	2nd Floor; Bottle Filling Station across from	1st	<0.0010	0.059
		3F	Rm 200	F	<0.0010	0.018
Mason	1	1P	1st Floor; Botle Filling Station outside	1st	<0.0010	0.097
		1F	Library	F	<0.0010	0.14
	2	2P	1st Floor; Kitchen; Kitchen Sink; Cold	1st	0.0015	0.012
		2F		F	<0.0010	0.0013
	3	3P	2nd Floor; Bottle Filling Station outside Rm	1st	<0.0010	0.11
		3F	203	F	<0.0010	0.066

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: December 28-29, 2023

School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
Monteith	1	1P	1st Floor; Bottle Filling Station across from Rm 101	1st	0.0018	0.073
		1F		F	<0.0010	0.027
	2	2P	2nd Floor; Bottle Filling Station outside Rm 202	1st	<0.0010	0.13
		2F		F	<0.0010	0.074
	3	3P	2nd Floor; Faculty Lounge; Sink; Cold	1st	<0.0010	0.025
		3F		F	<0.0010	0.0029
North HS	1	1P	1st Floor; Bottle Filling Station outside Rm A117	1st	<0.0010	0.036
		1F		F	<0.0010	0.021
	2	2P	1st Floor; Board Room/Break Room Sink across from Rm 131	1st	<0.0010	0.20
		2F		F	<0.0010	0.18
	3	3P	1st Floor; Bottle Filling Station outside Rm B102	1st	<0.0010	0.069
		3F		F	<0.0010	0.027
	4	4P	1st Floor; Green Room; Sink; Cold	1st	<0.0010	0.042
		4F		F	<0.0010	0.024
	5	5P	1st Floor; Bottle Filling Station across from Rm C107	1st	<0.0010	0.085
		5F		F	<0.0010	0.052
	6	6P	1st Floor; Bottle Filling Station outside Auditorium	1st	<0.0010	0.072
		6F		F	<0.0010	0.037
	7	7P	2nd Floor; Drinking Fountain outside Rm B205	1st	<0.0010	0.23
		7F		F	<0.0010	0.053
	8	8P	3rd Floor; Bottle Filling Station outside Rm B310	1st	0.0011	0.10
		8F		F	<0.0010	0.073

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: December 28-29, 2023

School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
Parcells	1	1P	1st Floor; Copy/Coffee Rm; Sink; Cold	1st	0.0013	0.0065
		1F		F	<0.0010	0.0019
	2	2P	1st Floor; Bottle Filling Station outside Room 110	1st	<0.0010	0.087
		2F		F	<0.0010	0.021
	3	3P	1st Floor; Bottle Filling Station outside Boy's Gym (Room 159)	1st	<0.0010	0.062
		3F		F	<0.0010	0.016
	4	4P	2nd Floor; Bottle Filling Station outside Rm 220	1st	<0.0010	0.16
		4F		F	<0.0010	0.042
Pierce	1	1P	1st Floor; Bottle Filling Station outside Gymnasium	1st	<0.0010	0.052
		1F		F	<0.0010	0.050
	2	2P	1st Floor; Staff Lounge; Sink; cold	1st	<0.0010	0.038
		2F		F	<0.0010	0.0024
	3	3P	2nd Floor; Bottle Filling Station across from Rm 201	1st	<0.0010	0.047
		3F		F	<0.0010	0.064
Richard	1	1P	1st Floor; Kitchen Area; Kitchen Sink; Cold	1st	<0.0010	0.050
		1F		F	<0.0010	0.025

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: December 28-29, 2023

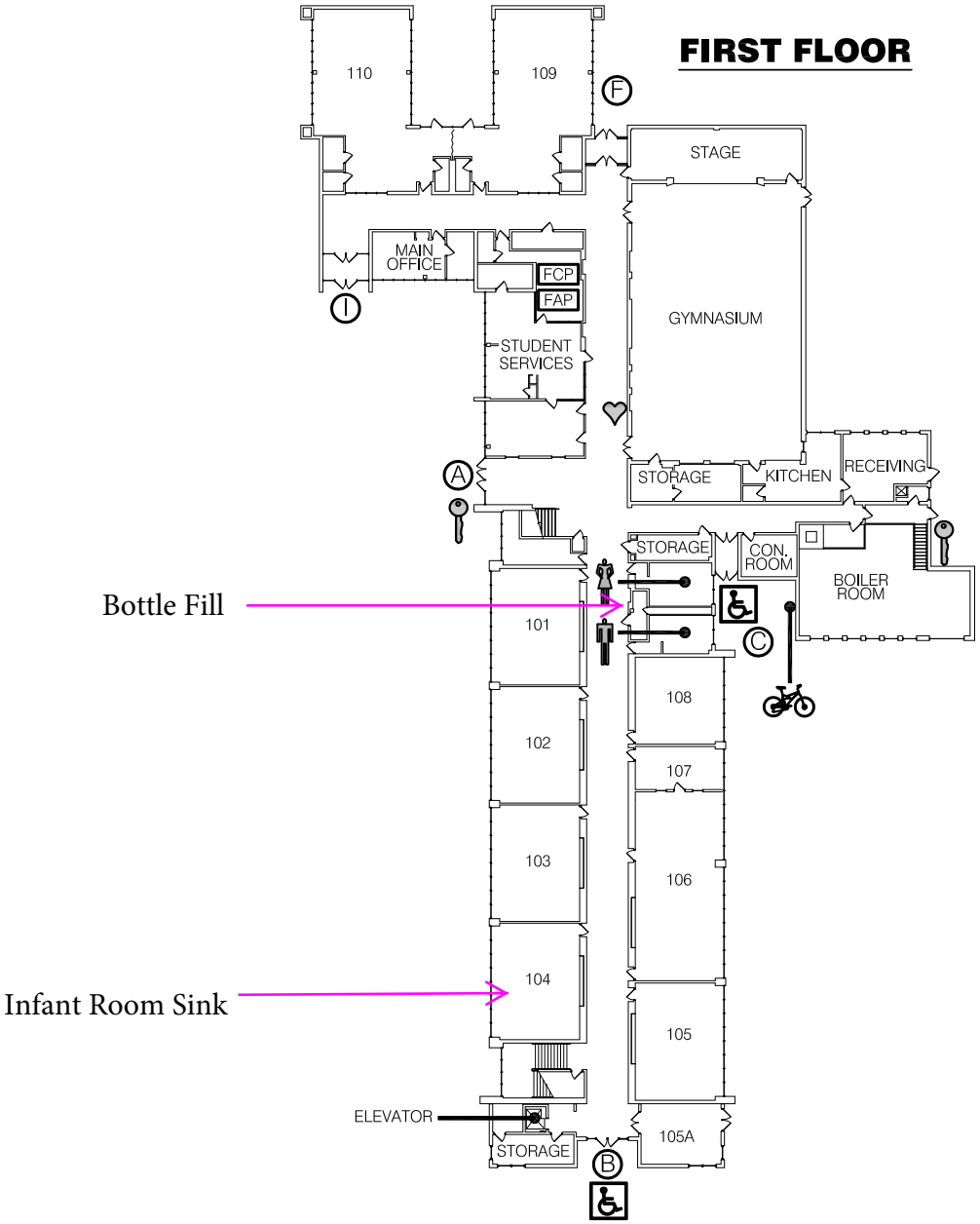
School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
South HS	1	1P	1st Floor; Bottle Filling Station across from Counseling Cntr (Rm 124)	1st	<0.0010	0.045
		1F		F	<0.0010	0.036
	2	2P	1st Floor; Bottle Filling Station across from Room 148	1st	<0.0010	0.019
		2F		F	<0.0010	0.046
	3	3P	1st Floor; Drinking Fountain adjacent to Rm 166	1st	<0.0010	0.036
		3F		F	<0.0010	0.022
	4	4P	1st Floor; Drinking Fountain outside Rm 119	1st	<0.0010	0.054
		4F		F	<0.0010	0.024
	5	5P	2nd Floor; Bottle Filling Station outside Rm 229	1st	<0.0010	0.062
		5F		F	<0.0010	0.024
	6	6P	2nd Floor; Cafeteria Area; West Food Prep Sink; Cold	1st	<0.0010	0.033
		6F		F	<0.0010	0.016
	7	7P	2nd Floor; Faculty Lounge Sink in Room 275; Cold	1st	0.0020	0.076
		7F		F	<0.0010	0.013
	8	8P	2nd Floor; Bottle Filling Station across from Rm 248	1st	<0.0010	0.031
		8F		F	<0.0010	0.012

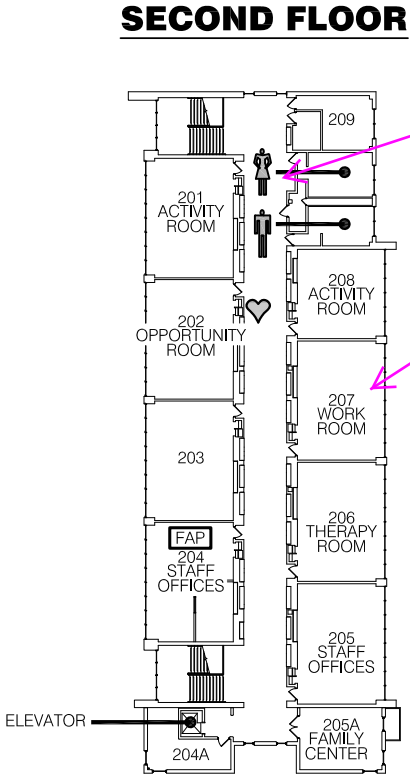
APPENDIX B

Table One
Drinking Water Test Results
Barnes Early Childhood Center
20090 Morningside Dr, Grosse Pointe Woods, MI 48236
Sampling Date: December 29, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station across from Rm 101 (Formerly Room 101)	1P	1st Draw	Lead	<0.0010
				Copper	0.18
		1F	2 min. flush	Lead	<0.0010
				Copper	0.026
2	1st Floor;Room 104 (Infant Room) (Formerly Room 104); Right Sink	2P	1st Draw	Lead	<0.0010
				Copper	0.17
		2F	2 min. flush	Lead	<0.0010
				Copper	0.063
3	2nd Floor; Staff Lounge (Room 203, Formerly Room 207); Sink; Cold	3P	1st Draw	Lead	0.0081
				Copper	0.084
		3F	2 min. flush	Lead	<0.0010
				Copper	0.010
4	2nd Floor; Drinking Fountain across from Rm 201	4P	1st Draw	Lead	0.0022
				Copper	0.22
		4F	2 min. flush	Lead	<0.0010
				Copper	0.062
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

2023 WATER SAMPLING LOCATIONS





LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELECTRICAL DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- BIKE RACK

Barnes Early Childhood Center

20020 Morningside
Grosse Pointe Woods, MI 48236
313.432.3800

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390955
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909550001	Barnes - 1P	Grab	D	12/29/2023 10:44	12/29/2023 13:09	Jacob Pallach
3909550002	Barnes - 1F	Grab	D	12/29/2023 10:46	12/29/2023 13:09	Jacob Pallach
3909550003	Barnes - 2P	Grab	D	12/29/2023 10:49	12/29/2023 13:09	Jacob Pallach
3909550004	Barnes - 2F	Grab	D	12/29/2023 10:51	12/29/2023 13:09	Jacob Pallach
3909550005	Barnes - 3P	Grab	D	12/29/2023 10:54	12/29/2023 13:09	Jacob Pallach
3909550006	Barnes - 3F	Grab	D	12/29/2023 10:56	12/29/2023 13:09	Jacob Pallach
3909550007	Barnes - 4P	Grab	D	12/29/2023 10:57	12/29/2023 13:09	Jacob Pallach
3909550008	Barnes - 4F	Grab	D	12/29/2023 10:59	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

Analysis Results Narrative

3909550001 - Barnes - 1P - Copper, Total
The concentration for this analyte was greater than 4X the MS/MSD spike concentration. No qualification is necessary for recovery failures.

ANALYTICAL RESULTS

Lab ID:	3909550001	Date Collected:	12/29/2023 10:44	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.18	*	mg/L	0.0010		1		1.3	01/02/2024 14:51	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:51	LDP

ANALYTICAL RESULTS

Lab ID:	3909550002	Date Collected:	12/29/2023 10:46	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.026		mg/L	0.0010		1		1.3	01/02/2024 14:57	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:57	LDP

ANALYTICAL RESULTS

Lab ID:	3909550003	Date Collected:	12/29/2023 10:49	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.17		mg/L	0.0010		1		1.3	01/02/2024 14:58	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:58	LDP

ANALYTICAL RESULTS

Lab ID:	3909550004	Date Collected:	12/29/2023 10:51	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.063		mg/L	0.0010		1		1.3	01/02/2024 15:04	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:04	LDP

ANALYTICAL RESULTS

Lab ID:	3909550005	Date Collected:	12/29/2023 10:54	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.084		mg/L	0.0010		1		1.3	01/02/2024 15:06	LDP
Lead, Total	0.0081		mg/L	0.0010		1		0.015	01/02/2024 15:06	LDP

ANALYTICAL RESULTS

Lab ID:	3909550006	Date Collected:	12/29/2023 10:56	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.010		mg/L	0.0010		1		1.3	01/02/2024 15:08	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:08	LDP

ANALYTICAL RESULTS

Lab ID:	3909550007	Date Collected:	12/29/2023 10:57	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 4P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.22		mg/L	0.0010		1		1.3	01/02/2024 15:09	LDP
Lead, Total	0.0022		mg/L	0.0010		1		0.015	01/02/2024 15:09	LDP

ANALYTICAL RESULTS

Lab ID:	3909550008	Date Collected:	12/29/2023 10:59	Matrix:	Drinking Water, Potable (D)
Sample ID:	Barnes - 4F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.062		mg/L	0.0010		1		1.3	01/02/2024 15:11	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:11	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390955
TSC Testing Engineers & Consulta

Client Name: Testing Engineers & Consultents, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: Schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ——— PIN #: ———
Sampled By: Jacob Pallach PO No.: 63866-01

Remarks:
use EPA Method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: ———

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-29-23	10:44	X		Barnes - 1P	DW	1	X	X	390955-0001
02		10:46	X		Barnes - 1F	DW	1	X	X	02
03		10:49	X		Barnes - 2P	DW	1	X	X	03
04		10:51	X		Barnes - 2F	DW	1	X	X	04
05		10:54	X		Barnes - 3P	DW	1	X	X	05
06		10:56	X		Barnes - 3F	DW	1	X	X	06
07		10:57	X		Barnes - 4P	DW	1	X	X	07
08		10:59	X		Barnes - 4F	DW	1	X	X	08

Tran. #	Released By	Received By	Date	Time
1.	[signature]	SDT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

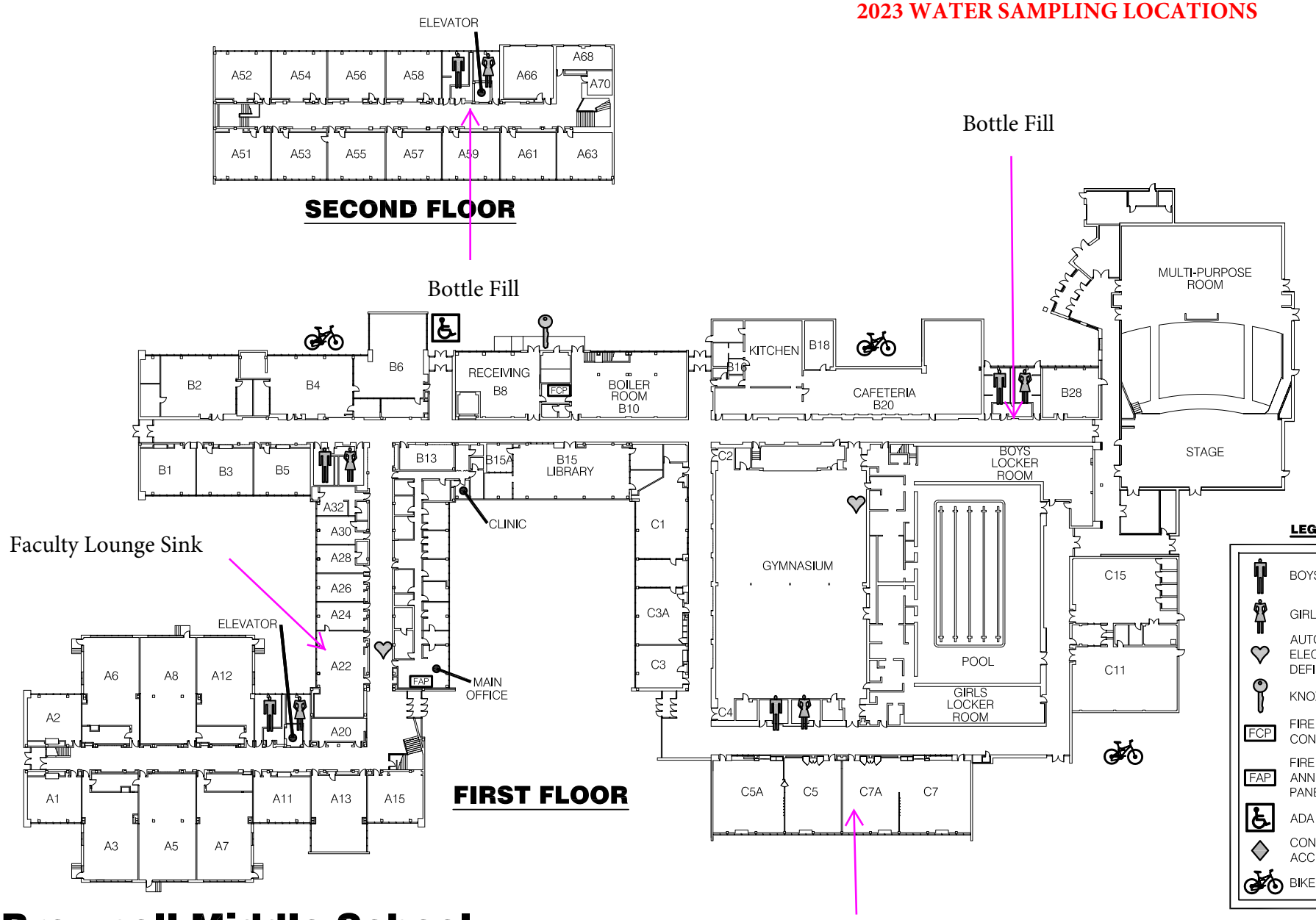
*Refer to REF-N0008A

APPENDIX C

Table One
Drinking Water Test Results
Brownell Middle School
260 Chalfonte Ave, Grosse Pointe, MI 48236
Sampling Date: Decemeber 28, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station across from Boys Locker Rm	1P	1st Draw	Lead	<0.0010
				Copper	0.025
		1F	2 min. flush	Lead	<0.0010
				Copper	0.020
2	1st Floor; Room C5, Sink in Home Making Room; Cold	2P	1st Draw	Lead	0.0028
				Copper	0.055
		2F	2 min. flush	Lead	<0.0010
				Copper	0.013
3	1st Floor; Faculty Lounge Sink; Cold	3P	1st Draw	Lead	0.0019
				Copper	0.047
		3F	2 min. flush	Lead	<0.0010
				Copper	0.016
4	2nd Floor; Bottle Filling Station across from Rm A59	4P	1st Draw	Lead	<0.0010
				Copper	0.028
		4F	2 min. flush	Lead	<0.0010
				Copper	0.020
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

2023 WATER SAMPLING LOCATIONS



Brownell Middle School

260 Chalfonte
Grosse Pointe Farms MI 48236
313.432.3900

Ehresman Associates, Inc.
architects engineers
DATE: JULY 2010

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390946
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909460001	Brownell - 1P	Grab	D	12/28/2023 12:26	12/29/2023 13:09	Jacob Pallach
3909460002	Brownell - 1F	Grab	D	12/28/2023 12:28	12/29/2023 13:09	Jacob Pallach
3909460003	Brownell - 2P	Grab	D	12/28/2023 12:53	12/29/2023 13:09	Jacob Pallach
3909460004	Brownell - 2F	Grab	D	12/28/2023 12:55	12/29/2023 13:09	Jacob Pallach
3909460005	Brownell - 3P	Grab	D	12/28/2023 12:38	12/29/2023 13:09	Jacob Pallach
3909460006	Brownell - 3F	Grab	D	12/28/2023 12:40	12/29/2023 13:09	Jacob Pallach
3909460007	Brownell - 4P	Grab	D	12/28/2023 12:44	12/29/2023 13:09	Jacob Pallach
3909460008	Brownell - 4F	Grab	D	12/28/2023 12:46	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

ANALYTICAL RESULTS

Lab ID:	3909460001	Date Collected:	12/28/2023 12:26	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.025		mg/L	0.0010		1		1.3	01/02/2024 12:44	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:44	LDP

ANALYTICAL RESULTS

Lab ID:	3909460002	Date Collected:	12/28/2023 12:28	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.020		mg/L	0.0010		1		1.3	01/02/2024 12:46	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:46	LDP

ANALYTICAL RESULTS

Lab ID:	3909460003	Date Collected:	12/28/2023 12:53	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.055		mg/L	0.0010		1		1.3	01/02/2024 12:48	LDP
Lead, Total	0.0028		mg/L	0.0010		1		0.015	01/02/2024 12:48	LDP

ANALYTICAL RESULTS

Lab ID:	3909460004	Date Collected:	12/28/2023 12:55	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.013		mg/L	0.0010		1		1.3	01/02/2024 12:53	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:53	LDP

ANALYTICAL RESULTS

Lab ID:	3909460005	Date Collected:	12/28/2023 12:38	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.047		mg/L	0.0010		1		1.3	01/02/2024 12:59	LDP
Lead, Total	0.0019		mg/L	0.0010		1		0.015	01/02/2024 12:59	LDP

ANALYTICAL RESULTS

Lab ID:	3909460006	Date Collected:	12/28/2023 12:40	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.016		mg/L	0.0010		1		1.3	01/02/2024 13:04	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:04	LDP

ANALYTICAL RESULTS

Lab ID:	3909460007	Date Collected:	12/28/2023 12:44	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 4P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.028		mg/L	0.0010		1		1.3	01/02/2024 13:06	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:06	LDP

ANALYTICAL RESULTS

Lab ID:	3909460008	Date Collected:	12/28/2023 12:46	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell - 4F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.020		mg/L	0.0010		1		1.3	01/02/2024 13:08	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:08	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

396946
TED
Testing Engineers & Consulta

Client Name: Testing Engineers & & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ——— PIN #: ———
Sampled By: Jacob Pallach PO No.: 63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: ———

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-28-23	12:26	X		Brownell - 1P	DW	1	X	X	396946-0001
02		12:28	X		Brownell - 1F	DW	1	X	X	02
03		12:53	X		Brownell - 2P	DW	1	X	X	03
04		12:55	X		Brownell - 2F	DW	1	X	X	04
05		12:38	X		Brownell - 3P	DW	1	X	X	05
06		12:40	X		Brownell - 3F	DW	1	X	X	06
07		12:44	X		Brownell - 4P	DW	1	X	X	07
08		12:46	X		Brownell - 4F	DW	1	X	X	08

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

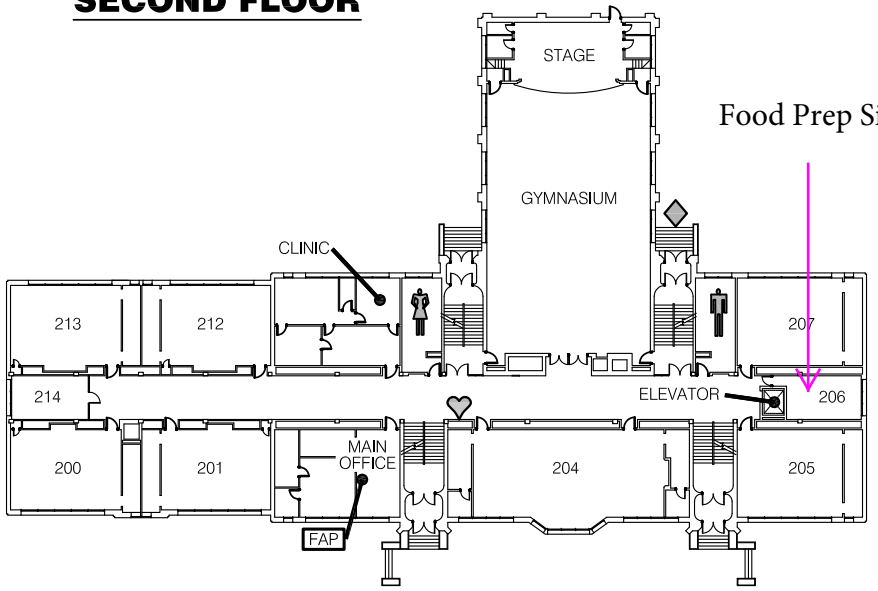
*Refer to REF-N0008A

APPENDIX D

Table One
Drinking Water Test Results
Defer Elementary School
15425 Kercheval Ave Grosse Pointe, MI 48230
Sampling Date: December 28, 2023

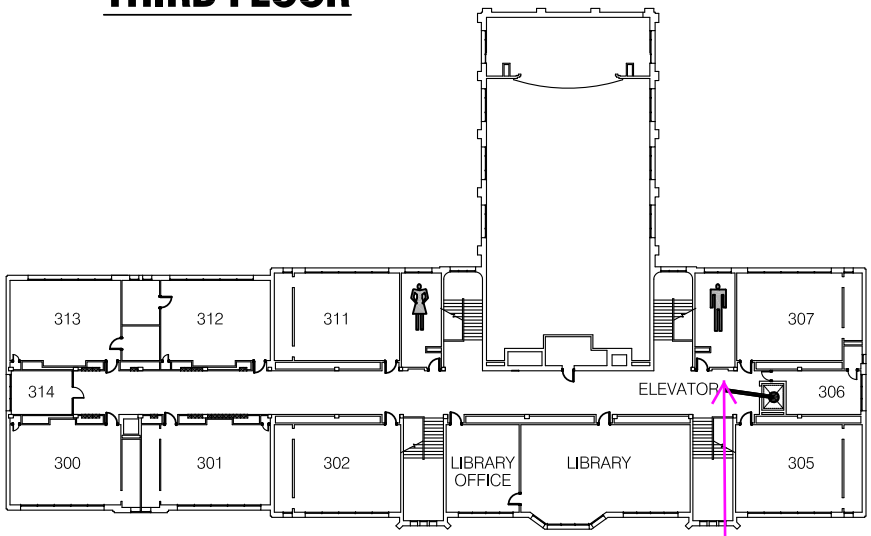
Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Drinking Fountain near Elevator	1P	1st Draw	Lead	<0.0010
				Copper	0.055
		1F	2 min. flush	Lead	<0.0010
				Copper	0.028
2	2nd Floor; Food Prep Sink in Rm 206; cold	2P	1st Draw	Lead	<0.0010
				Copper	0.057
		2F	2 min. flush	Lead	<0.0010
				Copper	0.0042
3	3rd Floor; Drinking Fountain near Elevator	3P	1st Draw	Lead	<0.0010
				Copper	0.063
		3F	2 min. flush	Lead	<0.0010
				Copper	0.036
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

SECOND FLOOR



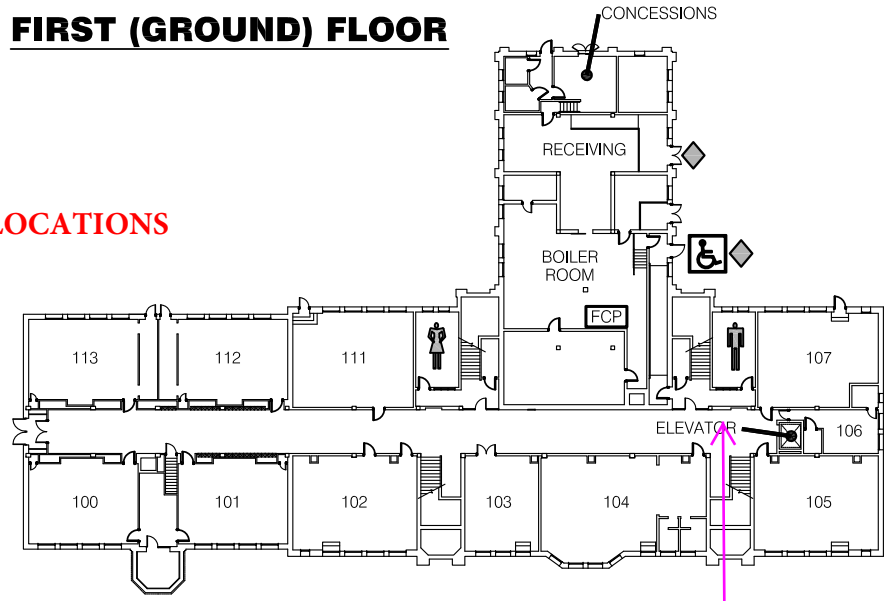
Food Prep Sink

THIRD FLOOR



Drinking Fountain

FIRST (GROUND) FLOOR



Drinking Fountain

2023 WATER SAMPLING LOCATIONS

LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELECTRICAL DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- CONTROLLED ACCESS ENTRY
- BIKE RACK

Defer Elementary School

15425 Kercheval
Grosse Pointe Park, MI 48230
313.432.4000

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390943
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909430001	Defer - 1P	Grab	D	12/28/2023 09:18	12/29/2023 13:09	Jacob Pallach
3909430002	Defer - 1F	Grab	D	12/28/2023 09:20	12/29/2023 13:09	Jacob Pallach
3909430003	Defer - 2P	Grab	D	12/28/2023 09:23	12/29/2023 13:09	Jacob Pallach
3909430004	Defer - 2F	Grab	D	12/28/2023 09:25	12/29/2023 13:09	Jacob Pallach
3909430005	Defer - 3P	Grab	D	12/28/2023 09:26	12/29/2023 13:09	Jacob Pallach
3909430006	Defer - 3F	Grab	D	12/28/2023 09:28	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

Analysis Results Narrative

3909430003 - Defer - 2P - Copper, Total
The MS and/or MSD recovery for this analyte was above the upper control limit.

ANALYTICAL RESULTS

Lab ID:	3909430001	Date Collected:	12/28/2023 09:18	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.055		mg/L	0.0010		1		1.3	01/02/2024 10:41	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:41	LDP

ANALYTICAL RESULTS

Lab ID:	3909430002	Date Collected:	12/28/2023 09:20	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.028		mg/L	0.0010		1		1.3	01/02/2024 10:43	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:43	LDP

ANALYTICAL RESULTS

Lab ID:	3909430003	Date Collected:	12/28/2023 09:23	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.057	*	mg/L	0.0010		1		1.3	01/02/2024 10:44	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:44	LDP

ANALYTICAL RESULTS

Lab ID:	3909430004	Date Collected:	12/28/2023 09:25	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0042		mg/L	0.0010		1		1.3	01/02/2024 10:50	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:50	LDP

ANALYTICAL RESULTS

Lab ID:	3909430005	Date Collected:	12/28/2023 09:26	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.063		mg/L	0.0010		1		1.3	01/02/2024 10:52	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:52	LDP

ANALYTICAL RESULTS

Lab ID:	3909430006	Date Collected:	12/28/2023 09:28	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.036		mg/L	0.0010		1		1.3	01/02/2024 10:53	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:53	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

Page ___ of ___

340943
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Road
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: Schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: —
WSSN #: — PIN #: —
Sampled By: Jacob Pallach PO No.: 63866-01

Remarks: USE EPA Method 200.8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: _____

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12/28/23	9:18	X		Defer - 1P	DW	1	X	X	340943-0001
02	↓	9:20	X		Defer - 1F	DW	1	X	X	0002
03		9:23	X		Defer - 2P	DW	1	X	X	0003
04		9:25	X		Defer - 2F	DW	1	X	X	0004
05		9:26	X		Defer - 3P	DW	1	X	X	0005
06	↓	9:28	X		Defer - 3F	DW	1	X	X	0006

Tran. #	Released By	Received By	Date	Time
1.	[signature]	SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

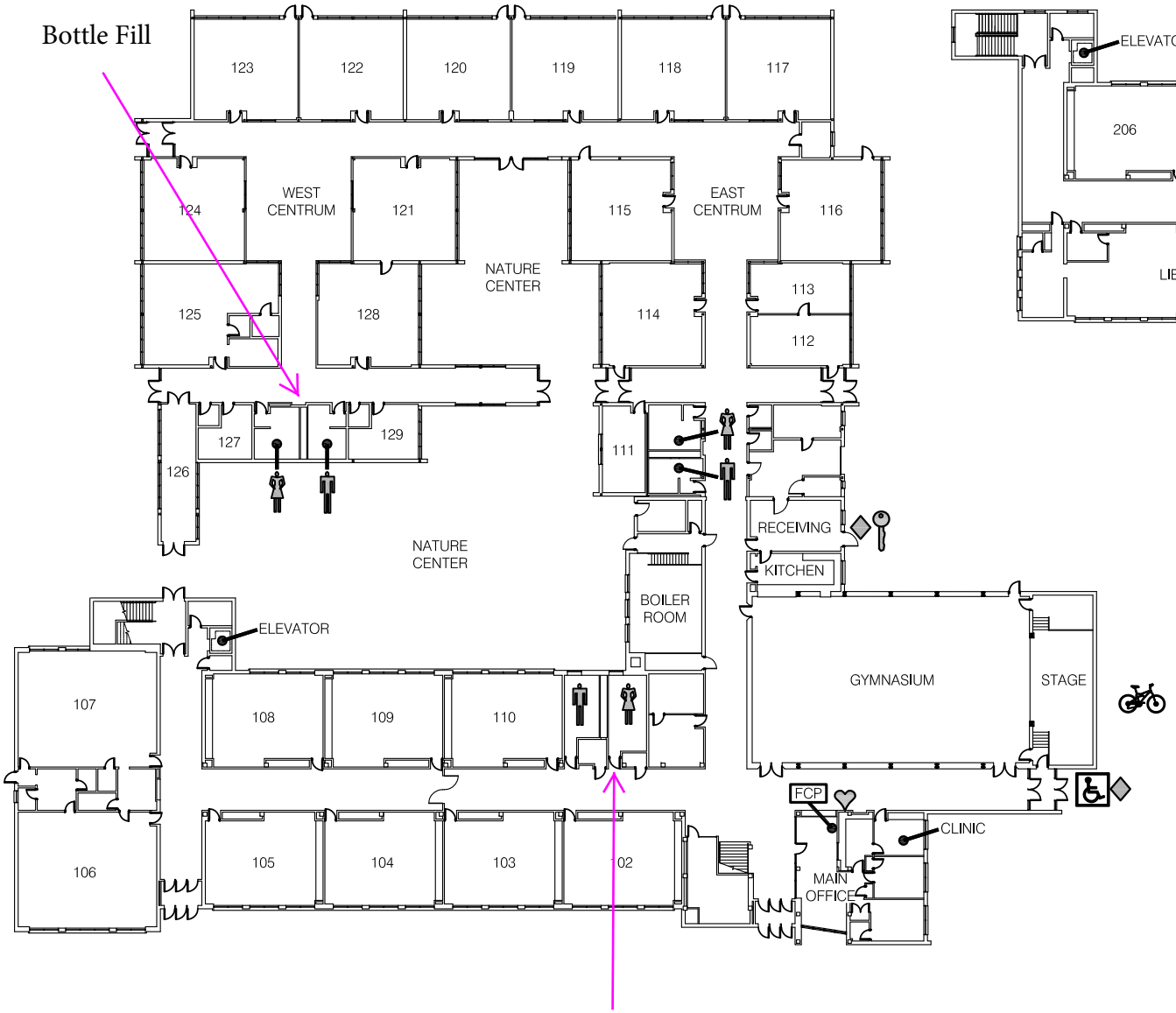
*Refer to REF-N0008A

APPENDIX E

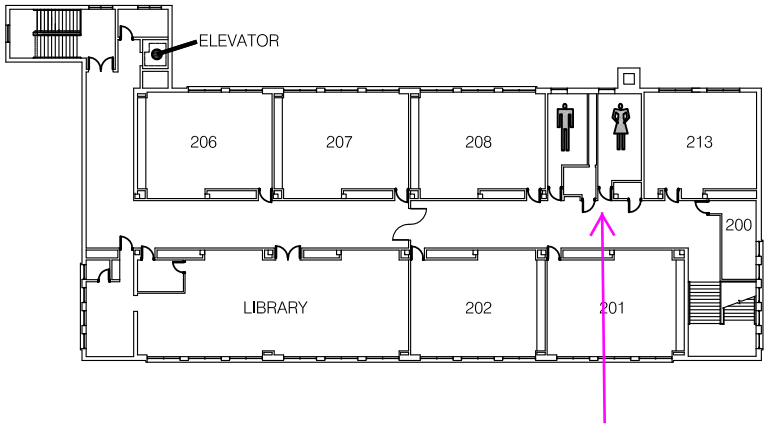
Table One
Drinking Water Test Results
Ferry Elementary School
748 Roslyn Rd, Grosse Pointe Woods, MI 48236
Sampling Date: December 29, 2023

Locations	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station across from Room 128	1P	1st Draw	Lead	<0.0010
				Copper	0.081
		1F	2 min. flush	Lead	<0.0010
				Copper	0.031
2	1st Floor; Bottle Filling Station across from Rm 102	2P	1st Draw	Lead	<0.0010
				Copper	0.050
		2F	2 min. flush	Lead	<0.0010
				Copper	0.041
3	2nd Floor; Drinking Fountain across from Rm 201	3P	1st Draw	Lead	<0.0010
				Copper	0.026
		3F	2 min. flush	Lead	<0.0010
				Copper	0.025
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

FIRST FLOOR



SECOND FLOOR



LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELECTRICAL DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- CONTROLLED ACCESS ENTRY
- BIKE RACK

Ferry Elementary School

Bottle Fill

748 Roslyn
Grosse Pointe Woods, MI 48236
313.432.4100

2023 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390952
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909520001	Ferry - 1P	Grab	D	12/29/2023 09:32	12/29/2023 13:09	Jacob Pallach
3909520002	Ferry - 1F	Grab	D	12/29/2023 09:34	12/29/2023 13:09	Jacob Pallach
3909520003	Ferry - 2P	Grab	D	12/29/2023 09:37	12/29/2023 13:09	Jacob Pallach
3909520004	Ferry - 2F	Grab	D	12/29/2023 09:39	12/29/2023 13:09	Jacob Pallach
3909520005	Ferry - 3P	Grab	D	12/29/2023 09:41	12/29/2023 13:09	Jacob Pallach
3909520006	Ferry - 3F	Grab	D	12/29/2023 09:43	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

Analysis Results Narrative

3909520003 - Ferry - 2P - Copper, Total
The MS and/or MSD recovery for this analyte was above the upper control limit.

ANALYTICAL RESULTS

Lab ID:	3909520001	Date Collected:	12/29/2023 09:32	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.081		mg/L	0.0010		1		1.3	01/02/2024 13:46	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:46	LDP

ANALYTICAL RESULTS

Lab ID:	3909520002	Date Collected:	12/29/2023 09:34	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.031		mg/L	0.0010		1		1.3	01/02/2024 13:47	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:47	LDP

ANALYTICAL RESULTS

Lab ID:	3909520003	Date Collected:	12/29/2023 09:37	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.050	*	mg/L	0.0010		1		1.3	01/02/2024 13:53	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:53	LDP

ANALYTICAL RESULTS

Lab ID:	3909520004	Date Collected:	12/29/2023 09:39	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.041		mg/L	0.0010		1		1.3	01/02/2024 14:02	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:02	LDP

ANALYTICAL RESULTS

Lab ID:	3909520005	Date Collected:	12/29/2023 09:41	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.026		mg/L	0.0010		1		1.3	01/02/2024 14:04	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:04	LDP

ANALYTICAL RESULTS

Lab ID:	3909520006	Date Collected:	12/29/2023 09:43	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.025		mg/L	0.0010		1		1.3	01/02/2024 14:06	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:06	LDP

PARAGON LABORATORIES

CHAIN-OF-CUSTODY RECORD

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390952
TEL Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ——— PIN #: ———
Sampled By: Jacob Pallach PO No.: 63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: ———

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-29-23	9:32	X		Ferry - 1P	DW	1	X	X	390952-0001
02		9:34	X		Ferry - 1F	DW	1	X	X	002
03		9:37	X		Ferry - 2P	DW	1	X	X	003
04		9:39	X		Ferry - 2F	DW	1	X	X	004
05		9:41	X		Ferry - 3P	DW	1	X	X	005
06	↓	9:43	X		Ferry - 3F	DW	1	X	X	006

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

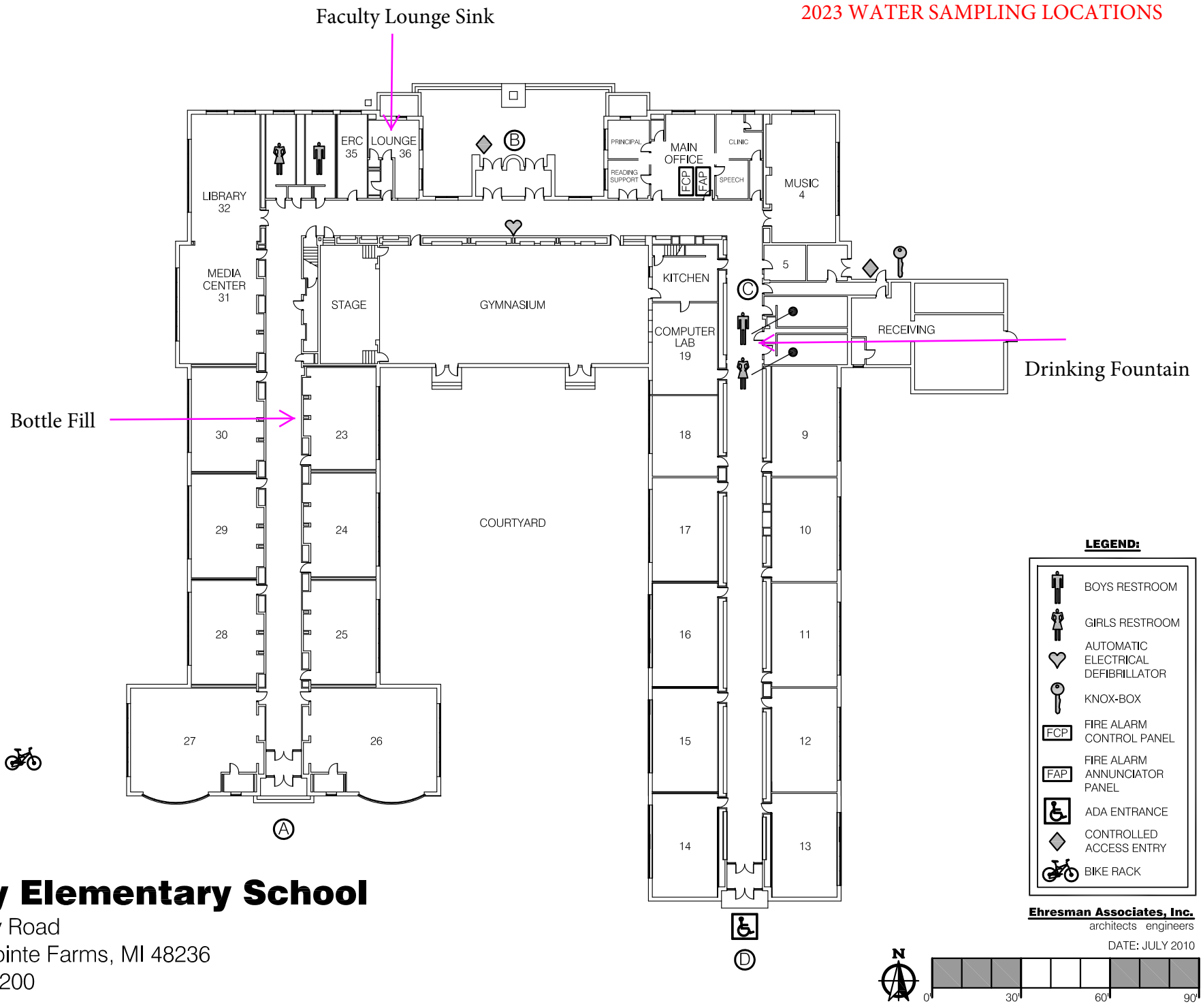
*Refer to REF-N0008A

APPENDIX F

Table One
Drinking Water Test Results
Kerby Elementary School
285 Kerby Rd, Grosse Pointe, MI 48236
Sampling Date: December 28, 2023

Location	Description	Cust.Sample ID	Type	Cmp	Result
1	1st Floor; Bottle Filling Station outside Rm 23	1P	1st Draw	Lead	<0.0010
				Copper	0.024
		1F	2 min. flush	Lead	<0.0010
				Copper	0.014
2	1st Floor; Faculty Lounge Sink; Cold	2P	1st Draw	Lead	<0.0010
				Copper	0.029
		2F	2 min. flush	Lead	<0.0010
				Copper	0.015
3	1st Floor; Drinking Fountain across from Room 19	3P	1st Draw	Lead	<0.0010
				Copper	0.024
		3F	2 min. flush	Lead	<0.0010
				Copper	0.017
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

2023 WATER SAMPLING LOCATIONS



Kerby Elementary School

285 Kerby Road
Grosse Pointe Farms, MI 48236
313.432.4200

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390947
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909470001	Kerby - 1P	Grab	D	12/28/2023 13:15	12/29/2023 13:09	Jacob Pallach
3909470002	Kerby - 1F	Grab	D	12/28/2023 13:17	12/29/2023 13:09	Jacob Pallach
3909470003	Kerby - 2P	Grab	D	12/28/2023 13:11	12/29/2023 13:09	Jacob Pallach
3909470004	Kerby - 2F	Grab	D	12/28/2023 13:13	12/29/2023 13:09	Jacob Pallach
3909470005	Kerby - 3P	Grab	D	12/28/2023 13:07	12/29/2023 13:09	Jacob Pallach
3909470006	Kerby - 3F	Grab	D	12/28/2023 13:09	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

ANALYTICAL RESULTS

Lab ID:	3909470001	Date Collected:	12/28/2023 13:15	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.024		mg/L	0.0010		1		1.3	01/02/2024 13:09	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:09	LDP

ANALYTICAL RESULTS

Lab ID:	3909470002	Date Collected:	12/28/2023 13:17	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.014		mg/L	0.0010		1		1.3	01/02/2024 13:15	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:15	LDP

ANALYTICAL RESULTS

Lab ID:	3909470003	Date Collected:	12/28/2023 13:11	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.029		mg/L	0.0010		1		1.3	01/02/2024 13:17	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:17	LDP

ANALYTICAL RESULTS

Lab ID:	3909470004	Date Collected:	12/28/2023 13:13	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.015		mg/L	0.0010		1		1.3	01/02/2024 13:18	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:18	LDP

ANALYTICAL RESULTS

Lab ID:	3909470005	Date Collected:	12/28/2023 13:07	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.024		mg/L	0.0010		1		1.3	01/02/2024 13:20	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:20	LDP

ANALYTICAL RESULTS

Lab ID:	3909470006	Date Collected:	12/28/2023 13:09	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.017		mg/L	0.0010		1		1.3	01/02/2024 13:22	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:22	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

396947
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: —
WSSN #: — PIN #: —
Sampled By: Jacob Pallach PO No.: 63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: ____

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: ____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	lead	copper	PARAGON SAMPLE NO.
01	12-21-23	13:15	X		Kerby - 1P	DW	1	X	X	396947 0001
02		13:17	X		Kerby - 1F	DW	1	X	X	0002
03		13:11	X		Kerby - 2P	DW	1	X	X	0003
04		13:13	X		Kerby - 2F	DW	1	X	X	0004
05		13:07	X		Kerby - 3P	DW	1	X	X	0005
06		13:09	X		Kerby - 3F	DW	1	X	X	0006

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

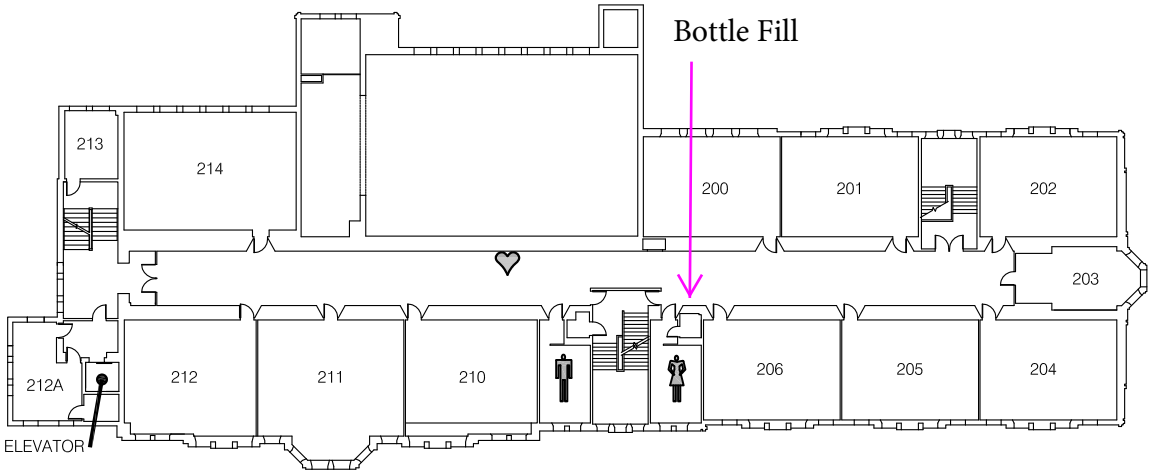
*Refer to REF-N0008A

APPENDIX G

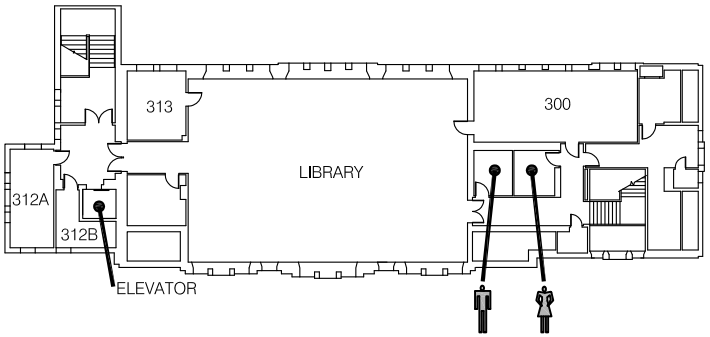
Table One
Drinking Water Test Results
Maire Elementary School
740 Cadieux Rd, Grosse Pointe, MI 48230
Sampling Date: December 28, 2023

Location	Description	Cust.Sample ID	Type	Cmp	Result
1	1st Floor; Bottle Filling Station across from Gymnasium	1P	1st Draw	Lead	<0.0010
				Copper	0.035
		1F	2 min. flush	Lead	<0.0010
				Copper	0.0093
2	1st Floor; Kitchen Sink; cold	2P	1st Draw	Lead	<0.0010
				Copper	0.019
		2F	2 min. flush	Lead	<0.0010
				Copper	0.0012
3	2nd Floor; Bottle Filling Station across from Rm 200.	3P	1st Draw	Lead	<0.0010
				Copper	0.059
		3F	2 min. flush	Lead	<0.0010
				Copper	0.018
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

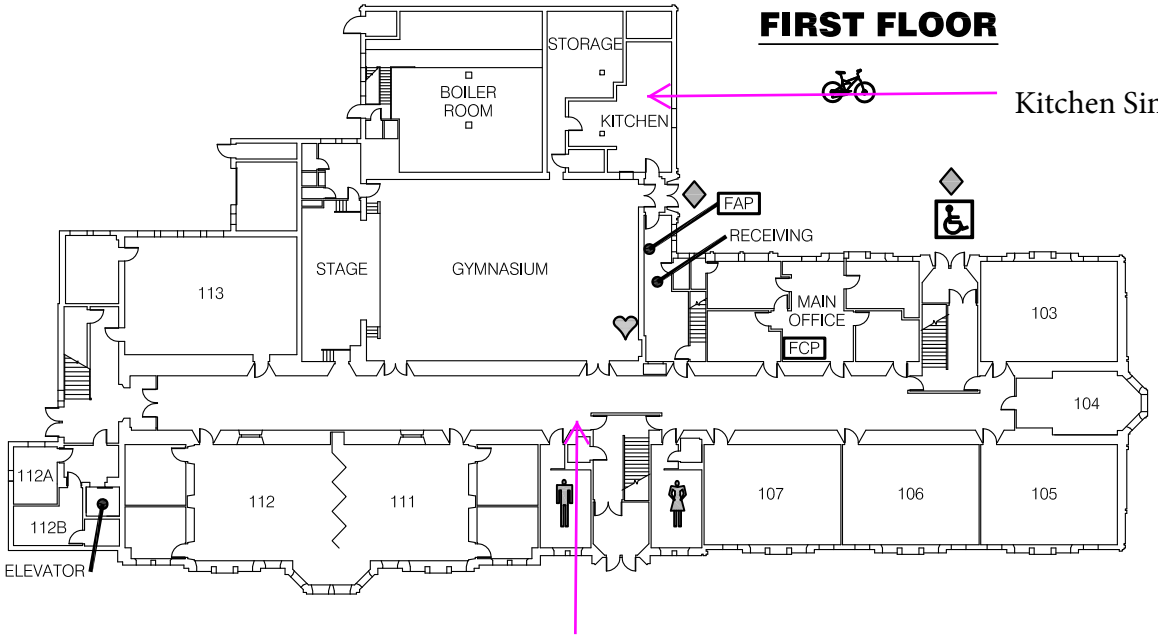
SECOND FLOOR



THIRD FLOOR



FIRST FLOOR



LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELECTRICAL DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- CONTROLLED ACCESS ENTRY
- BIKE RACK

Maire Elementary School

740 Cadieux
Grosse Pointe, MI 48230
313.432.4300

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

2023 WATER SAMPLING LOCATIONS

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390944
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909440001	Maire - 1P	Grab	D	12/28/2023 09:51	12/29/2023 13:09	Jacob Pallach
3909440002	Maire - 1F	Grab	D	12/28/2023 09:53	12/29/2023 13:09	Jacob Pallach
3909440003	Maire - 2P	Grab	D	12/28/2023 09:57	12/29/2023 13:09	Jacob Pallach
3909440004	Maire - 2F	Grab	D	12/28/2023 09:59	12/29/2023 13:09	Jacob Pallach
3909440005	Maire - 3P	Grab	D	12/28/2023 10:00	12/29/2023 13:09	Jacob Pallach
3909440006	Maire - 3F	Grab	D	12/28/2023 10:02	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

ANALYTICAL RESULTS

Lab ID:	3909440001	Date Collected:	12/28/2023 09:51	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.035		mg/L	0.0010		1		1.3	01/02/2024 10:59	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:59	LDP

ANALYTICAL RESULTS

Lab ID:	3909440002	Date Collected:	12/28/2023 09:53	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0093		mg/L	0.0010		1		1.3	01/02/2024 11:01	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:01	LDP

ANALYTICAL RESULTS

Lab ID:	3909440003	Date Collected:	12/28/2023 09:57	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.019		mg/L	0.0010		1		1.3	01/02/2024 11:03	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:03	LDP

ANALYTICAL RESULTS

Lab ID:	3909440004	Date Collected:	12/28/2023 09:59	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0012		mg/L	0.0010		1		1.3	01/02/2024 11:04	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:04	LDP

ANALYTICAL RESULTS

Lab ID:	3909440005	Date Collected:	12/28/2023 10:00	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.059		mg/L	0.0010		1		1.3	01/02/2024 11:06	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:06	LDP

ANALYTICAL RESULTS

Lab ID:	3909440006	Date Collected:	12/28/2023 10:02	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.018		mg/L	0.0010		1		1.3	01/02/2024 11:08	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:08	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

Page ___ of ___

390944
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: SChandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ———
PIN #: ———
Sampled By: Jacob Pallach
PO No.: 63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: ———

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-28-23	9:51	X		Maire - 1P	DW	1	X	X	390944-0001
02	12-28-23	9:53	X		Maire - 1F	DW	1	X	X	0002
03	12-28-23	9:57	X		Maire - 2P	DW	1	X	X	0003
04	12-28-23	9:59	X		Maire - 2F	DW	1	X	X	0004
05	12-28-23	10:00	X		Maire - 3P	DW	1	X	X	0005
06	12-28-23	10:02	X		Maire - 3F	DW	1	X	X	0006

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

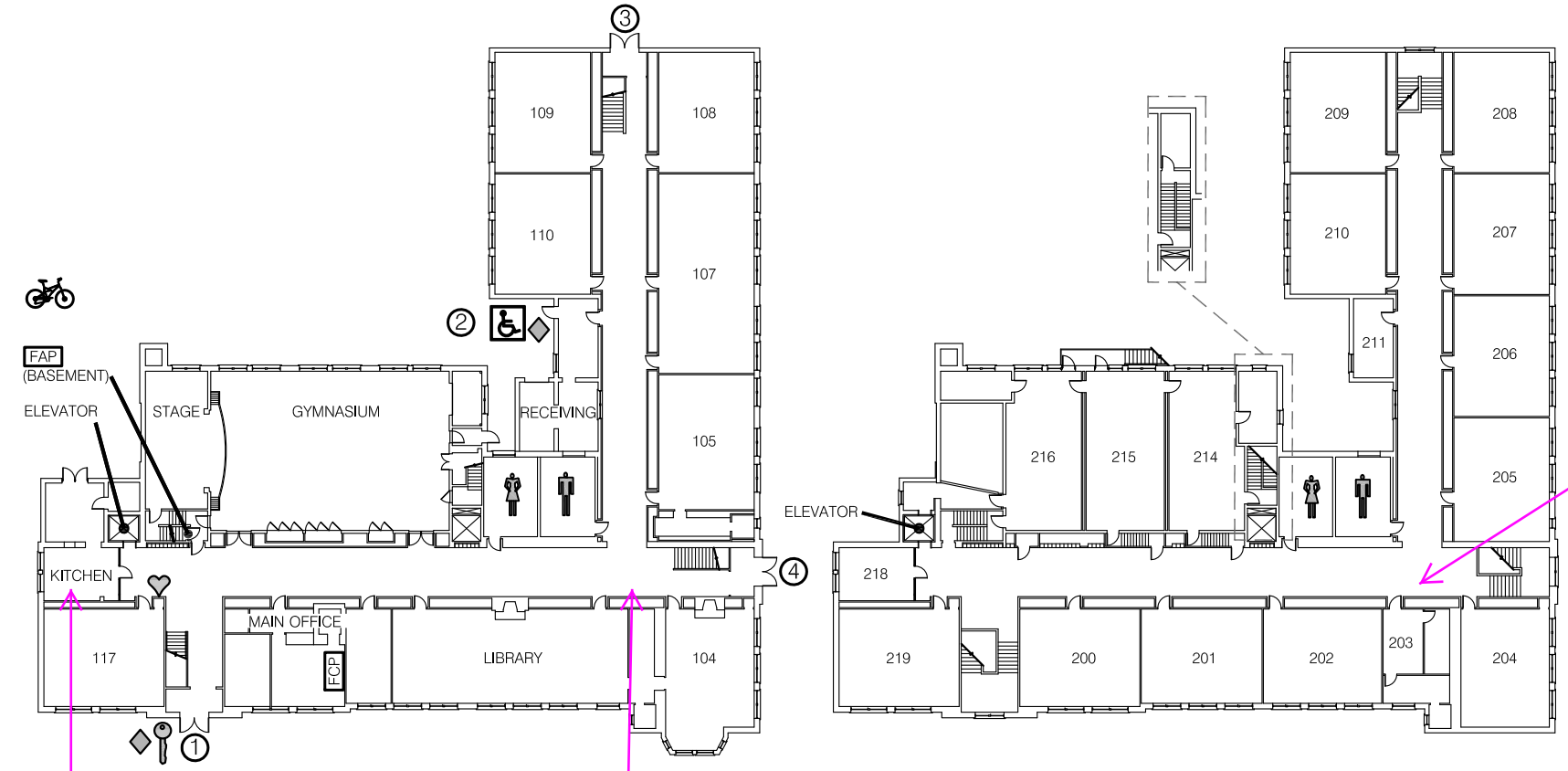
*Refer to REF-N0008A

APPENDIX H

Table One
Drinking Water Test Results
Mason Elementary School
1640 Vernier Rd, Grosse Pointe, MI 48236
Sampling Date: December 28, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station outside Library	1P	1st Draw	Lead	<0.0010
				Copper	0.097
		1F	2 min. flush	Lead	<0.0010
				Copper	0.14
2	1st Floor; Kitchen; Kitchen Sink; cold	2P	1st Draw	Lead	0.0015
				Copper	0.012
		2F	2 min. flush	Lead	<0.0010
				Copper	0.0013
3	2nd Floor; Bottle Filling Station outside Rm 203	3P	1st Draw	Lead	<0.0010
				Copper	0.11
		3F	2 min. flush	Lead	<0.0010
				Copper	0.066
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

2023 WATER SAMPLING LOCATIONS



FIRST FLOOR

SECOND FLOOR

LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELECTRICAL DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- CONTROLLED ACCESS ENTRY
- BIKE RACK

Mason Elementary School

1640 Vernier Road
Grosse Pointe Woods, MI 48236
313.432.4400

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0' 30' 60' 90'

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390949
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909490001	Mason - 1P	Grab	D	12/29/2023 09:11	12/29/2023 13:09	Jacob Pallach
3909490002	Mason - 1F	Grab	D	12/29/2023 09:13	12/29/2023 13:09	Jacob Pallach
3909490003	Mason - 2P	Grab	D	12/29/2023 09:14	12/29/2023 13:09	Jacob Pallach
3909490004	Mason - 2F	Grab	D	12/29/2023 09:16	12/29/2023 13:09	Jacob Pallach
3909490005	Mason - 3P	Grab	D	12/29/2023 09:18	12/29/2023 13:09	Jacob Pallach
3909490006	Mason - 3F	Grab	D	12/29/2023 09:20	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

Analysis Results Narrative

3909490001 - Mason - 1P - Copper, Total
The MS and/or MSD recovery for this analyte was above the upper control limit.

ANALYTICAL RESULTS

Lab ID:	3909490001	Date Collected:	12/29/2023 09:11	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.097	*	mg/L	0.0010		1		1.3	01/02/2024 13:24	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:24	LDP

ANALYTICAL RESULTS

Lab ID:	3909490002	Date Collected:	12/29/2023 09:13	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.14		mg/L	0.0010		1		1.3	01/02/2024 13:29	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:29	LDP

ANALYTICAL RESULTS

Lab ID:	3909490003	Date Collected:	12/29/2023 09:14	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.012		mg/L	0.0010		1		1.3	01/02/2024 13:31	LDP
Lead, Total	0.0015		mg/L	0.0010		1		0.015	01/02/2024 13:31	LDP

ANALYTICAL RESULTS

Lab ID:	3909490004	Date Collected:	12/29/2023 09:16	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0013		mg/L	0.0010		1		1.3	01/02/2024 13:37	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:37	LDP

ANALYTICAL RESULTS

Lab ID:	3909490005	Date Collected:	12/29/2023 09:18	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.11		mg/L	0.0010		1		1.3	01/02/2024 13:38	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:38	LDP

ANALYTICAL RESULTS

Lab ID:	3909490006	Date Collected:	12/29/2023 09:20	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.066		mg/L	0.0010		1		1.3	01/02/2024 13:40	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:40	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390349
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ———
PIN #: ———
Sampled By: Jacob Pallach
PO No.: 63866-01

Remarks:
use EPA Method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: ———

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-29-23	9:11	X		Mason - 1P	DW	1	X	X	390949-0001
02		9:13	X		Mason - 1F	DW	1	X	X	002
03		9:14	X		Mason - 2P	DW	1	X	X	003
04		9:16	X		Mason - 2F	DW	1	X	X	004
05		9:18	X		Mason - 3P	DW	1	X	X	005
06		9:20	X		Mason - 3F	DW	1	X	X	006

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

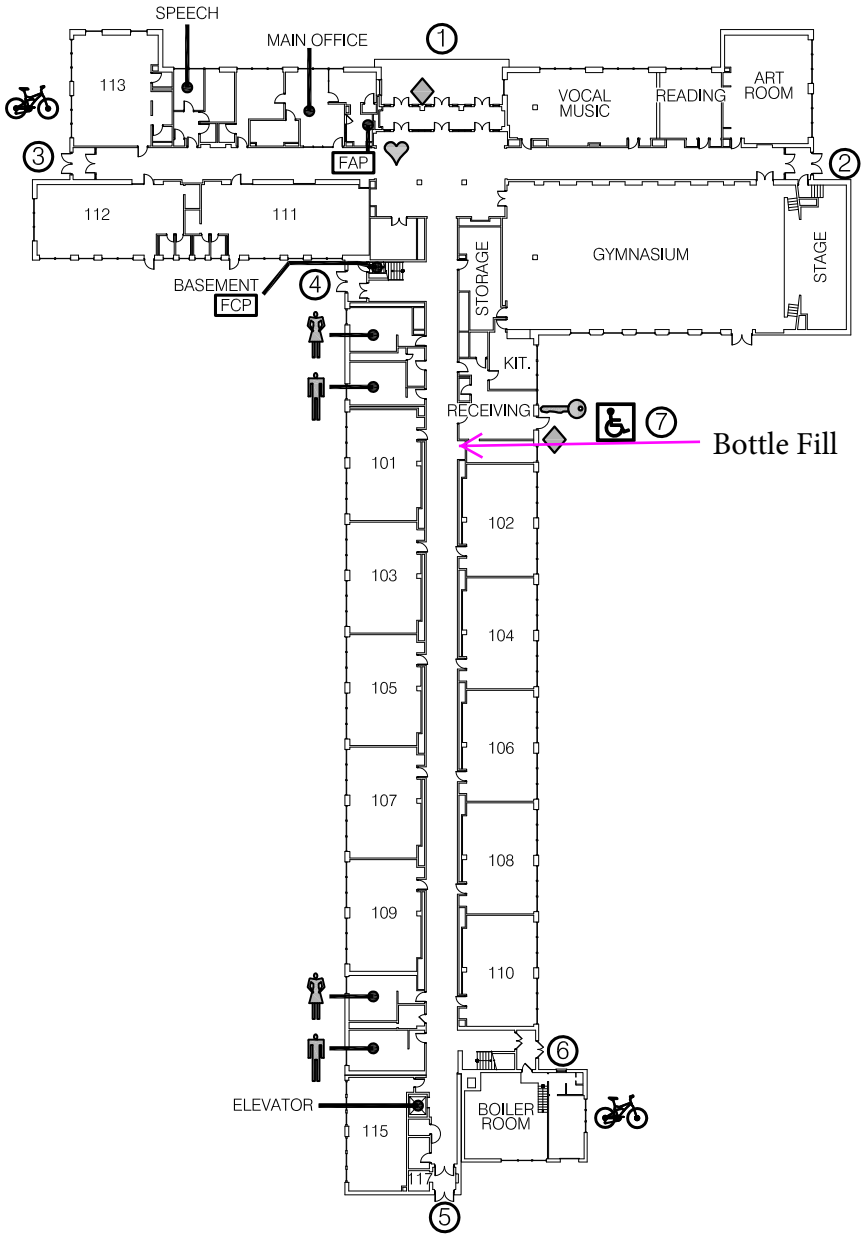
*Refer to REF-N0008A

APPENDIX I

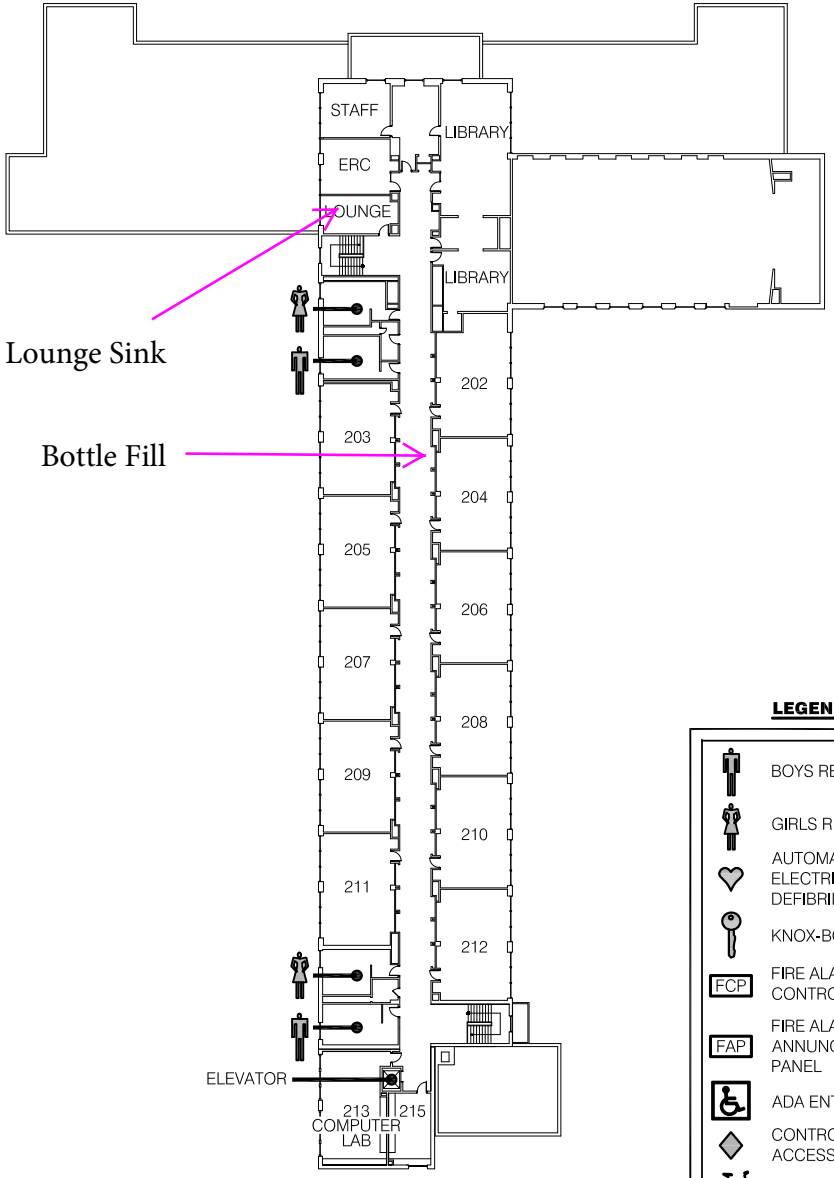
Table One
Drinking Water Test Results
Monteith Elementary School
1275 Cook Rd, Grosse Pointe Woods, MI 48236
Sampling Date: December 29, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station across from Rm 101	1P	1st draw	Lead	0.0018
				Copper	0.073
		1F	2 min. flush	Lead	<0.0010
				Copper	0.027
2	2nd Floor; Bottle Filling Station outside Rm 202	2P	1st draw	Lead	<0.0010
				Copper	0.13
		2F	2 min. flush	Lead	<0.0010
				Copper	0.074
3	2nd Floor; Faculty Lounge; Sink; cold	3P	1st draw	Lead	<0.0010
				Copper	0.025
		3F	2 min. flush	Lead	<0.0010
				Copper	0.0029
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

FIRST FLOOR



SECOND FLOOR



LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELECTRICAL DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- CONTROLLED ACCESS ENTRY
- BIKE RACK

Monteith Elementary School

1275 Cook Road
Grosse Pointe Woods, MI 48236
313.432.4500

2023 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390957
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909570001	Monteith - 1P	Grab	D	12/29/2023 12:08	12/29/2023 13:09	Jacob Pallach
3909570002	Monteith - 1F	Grab	D	12/29/2023 12:10	12/29/2023 13:09	Jacob Pallach
3909570003	Monteith - 2P	Grab	D	12/29/2023 12:12	12/29/2023 13:09	Jacob Pallach
3909570004	Monteith - 2F	Grab	D	12/29/2023 12:14	12/29/2023 13:09	Jacob Pallach
3909570005	Monteith - 3P	Grab	D	12/29/2023 12:17	12/29/2023 13:09	Jacob Pallach
3909570006	Monteith - 3F	Grab	D	12/29/2023 12:19	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

ANALYTICAL RESULTS

Lab ID:	3909570001	Date Collected:	12/29/2023 12:08	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.073		mg/L	0.0010		1		1.3	01/02/2024 15:35	LDP
Lead, Total	0.0018		mg/L	0.0010		1		0.015	01/02/2024 15:35	LDP

ANALYTICAL RESULTS

Lab ID:	3909570002	Date Collected:	12/29/2023 12:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.027		mg/L	0.0010		1		1.3	01/02/2024 15:37	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:37	LDP

ANALYTICAL RESULTS

Lab ID:	3909570003	Date Collected:	12/29/2023 12:12	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.13		mg/L	0.0010		1		1.3	01/02/2024 15:39	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:39	LDP

ANALYTICAL RESULTS

Lab ID:	3909570004	Date Collected:	12/29/2023 12:14	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.074		mg/L	0.0010		1		1.3	01/02/2024 15:40	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:40	LDP

ANALYTICAL RESULTS

Lab ID:	3909570005	Date Collected:	12/29/2023 12:17	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.025		mg/L	0.0010		1		1.3	01/02/2024 15:49	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:49	LDP

ANALYTICAL RESULTS

Lab ID:	3909570006	Date Collected:	12/29/2023 12:19	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0029		mg/L	0.0010		1		1.3	01/02/2024 15:55	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:55	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390957
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: Schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: _____
WSSN #: _____ PIN #: _____
Sampled By: Jacob Pallach PO No.: 63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-29-23	12:08	X		Monteith - 1P	DW	1	X	X	390957-0001
02	↓	12:10	X		Monteith - 1F	DW	1	X	X	002
03		12:12	X		Monteith - 2P	DW	1	X	X	003
04		12:14	X		Monteith - 2F	DW	1	X	X	004
05		12:17	X		Monteith - 3P	DW	1	X	X	005
06	↓	12:19	X		Monteith - 3F	DW	1	X	X	006

* ↓

Tran. #	Released By	Received By	Date	Time
1.	[signature]	SPT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

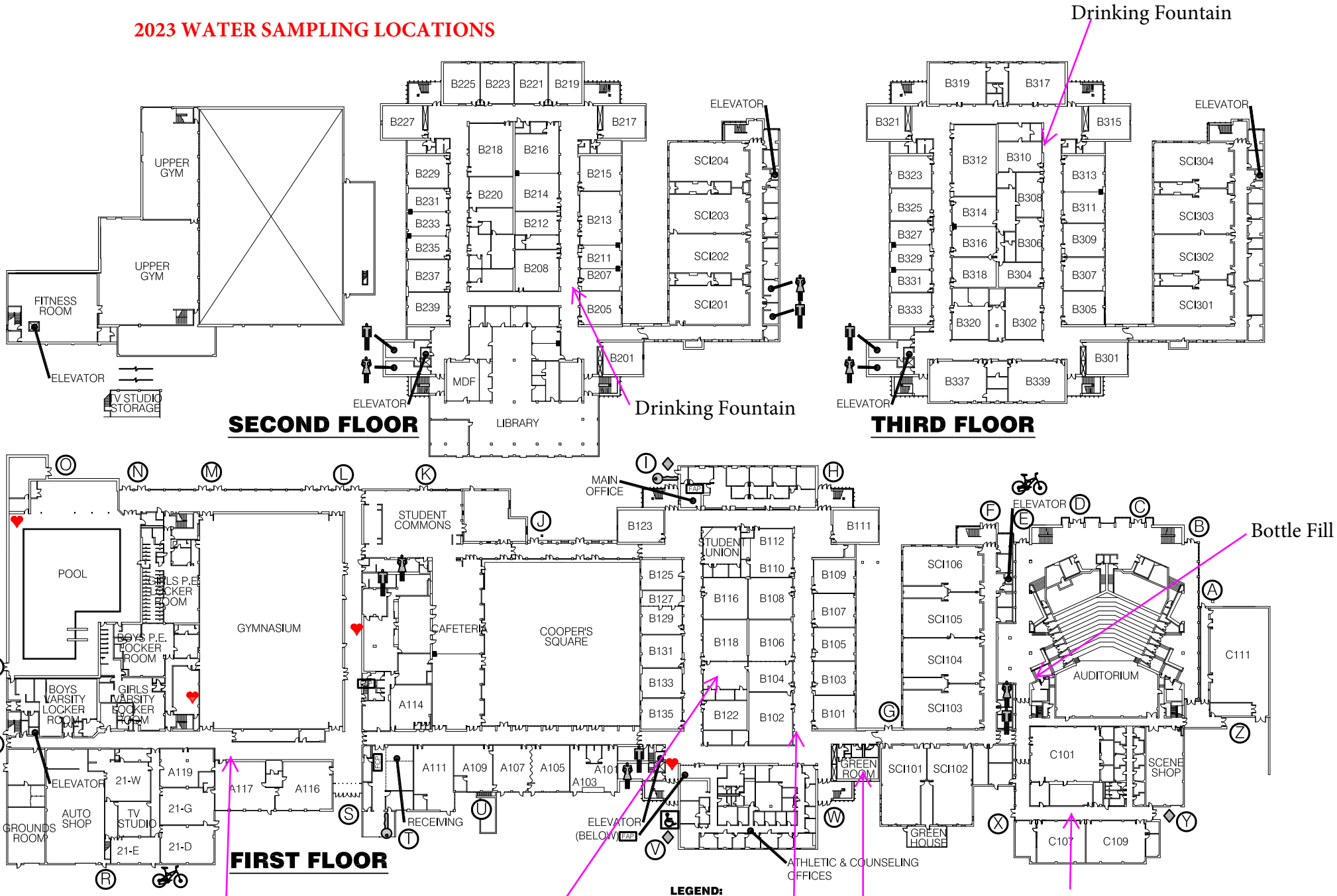
*Refer to REF-N0008A

APPENDIX J

Table One
Drinking Water Test Results
Grosse Pointe North High School
707 Vernier Rd, Grosse Pointe Woods, MI 48236
Sampling Date: December 29, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station outside Rm A117	1P	1st draw	Lead	<0.0010
				Copper	0.036
		1F	2 min. flush	Lead	<0.0010
				Copper	0.021
2	1st Floor; Board Room/Break Room Sink across from Rm 131	2P	1st draw	Lead	<0.0010
				Copper	0.20
		2F	2 min. flush	Lead	<0.0010
				Copper	0.18
3	1st Floor; Bottle Filling Station outside Rm B102	3P	1st draw	Lead	<0.0010
				Copper	0.069
		3F	2 min. flush	Lead	<0.0010
				Copper	0.027
4	1st Floor; Green Room; Sink; Cold	4P	1st draw	Lead	<0.0010
				Copper	0.042
		4F	2 min. flush	Lead	<0.0010
				Copper	0.024
5	1st Floor; Bottle Filling Station across from Rm C107	5P	1st draw	Lead	<0.0010
				Copper	0.085
		5F	2 min. flush	Lead	<0.0010
				Copper	0.052
6	1st Floor; Bottle Filling Station outside Auditorium	6P	1st draw	Lead	<0.0010
				Copper	0.072
		6F	2 min. flush	Lead	<0.0010
				Copper	0.037
7	2nd Floor; Drinking Fountain outside Rm B205	7P	1st draw	Lead	<0.0010
				Copper	0.23
		7F	2 min. flush	Lead	<0.0010
				Copper	0.053
8	3rd Floor; Bottle Filling Station outside Rm B310	8P	1st draw	Lead	0.0011
				Copper	0.10
		8F	2 min. flush	Lead	<0.0010
				Copper	0.073
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

2023 WATER SAMPLING LOCATIONS



Grosse Pointe North High School

707 Vernier
Grosse Pointe Woods, MI 48236
313.432.3200

Ehresman Associates, Inc.
architects engineers
DATE: JULY 2010

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390954
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909540001	North High School - 1P	Grab	D	12/29/2023 09:57	12/29/2023 13:09	Jacob Pallach
3909540002	North High School - 1F	Grab	D	12/29/2023 09:59	12/29/2023 13:09	Jacob Pallach
3909540003	North High School - 2P	Grab	D	12/29/2023 10:03	12/29/2023 13:09	Jacob Pallach
3909540004	North High School - 2F	Grab	D	12/29/2023 10:05	12/29/2023 13:09	Jacob Pallach
3909540005	North High School - 3P	Grab	D	12/29/2023 10:07	12/29/2023 13:09	Jacob Pallach
3909540006	North High School - 3F	Grab	D	12/29/2023 10:09	12/29/2023 13:09	Jacob Pallach
3909540007	North High School - 4P	Grab	D	12/29/2023 10:10	12/29/2023 13:09	Jacob Pallach
3909540008	North High School - 4F	Grab	D	12/29/2023 10:12	12/29/2023 13:09	Jacob Pallach
3909540009	North High School - 5P	Grab	D	12/29/2023 10:14	12/29/2023 13:09	Jacob Pallach
3909540010	North High School - 5F	Grab	D	12/29/2023 10:16	12/29/2023 13:09	Jacob Pallach
3909540011	North High School - 6P	Grab	D	12/29/2023 10:18	12/29/2023 13:09	Jacob Pallach
3909540012	North High School - 6F	Grab	D	12/29/2023 10:20	12/29/2023 13:09	Jacob Pallach
3909540013	North High School - 7P	Grab	D	12/29/2023 10:25	12/29/2023 13:09	Jacob Pallach
3909540014	North High School - 7F	Grab	D	12/29/2023 10:27	12/29/2023 13:09	Jacob Pallach
3909540015	North High School - 8P	Grab	D	12/29/2023 10:30	12/29/2023 13:09	Jacob Pallach
3909540016	North High School - 8F	Grab	D	12/29/2023 10:32	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

Analysis Results Narrative

3909540007 - North High School - 4P - Copper, Total
The MS and/or MSD recovery for this analyte was above the upper control limit.

ANALYTICAL RESULTS

Lab ID:	3909540001	Date Collected:	12/29/2023 09:57	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.036		mg/L	0.0010		1		1.3	01/02/2024 14:08	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:08	LDP

ANALYTICAL RESULTS

Lab ID:	3909540002	Date Collected:	12/29/2023 09:59	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.021		mg/L	0.0010		1		1.3	01/02/2024 14:09	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:09	LDP

ANALYTICAL RESULTS

Lab ID:	3909540003	Date Collected:	12/29/2023 10:03	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.20		mg/L	0.0010		1		1.3	01/02/2024 14:11	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:11	LDP

ANALYTICAL RESULTS

Lab ID:	3909540004	Date Collected:	12/29/2023 10:05	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.18		mg/L	0.0010		1		1.3	01/02/2024 14:13	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:13	LDP

ANALYTICAL RESULTS

Lab ID:	3909540005	Date Collected:	12/29/2023 10:07	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.069		mg/L	0.0010		1		1.3	01/02/2024 14:15	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:15	LDP

ANALYTICAL RESULTS

Lab ID:	3909540006	Date Collected:	12/29/2023 10:09	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.027		mg/L	0.0010		1		1.3	01/02/2024 14:20	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:20	LDP

ANALYTICAL RESULTS

Lab ID:	3909540007	Date Collected:	12/29/2023 10:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 4P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.042	*	mg/L	0.0010		1		1.3	01/02/2024 14:22	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:22	LDP

ANALYTICAL RESULTS

Lab ID:	3909540008	Date Collected:	12/29/2023 10:12	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 4F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.024		mg/L	0.0010		1		1.3	01/02/2024 14:28	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:28	LDP

ANALYTICAL RESULTS

Lab ID:	3909540009	Date Collected:	12/29/2023 10:14	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 5P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.085		mg/L	0.0010		1		1.3	01/02/2024 14:29	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:29	LDP

ANALYTICAL RESULTS

Lab ID:	3909540010	Date Collected:	12/29/2023 10:16	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 5F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.052		mg/L	0.0010		1		1.3	01/02/2024 14:31	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:31	LDP

ANALYTICAL RESULTS

Lab ID:	3909540011	Date Collected:	12/29/2023 10:18	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 6P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.072		mg/L	0.0010		1		1.3	01/02/2024 14:33	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:33	LDP

ANALYTICAL RESULTS

Lab ID:	3909540012	Date Collected:	12/29/2023 10:20	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 6F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.037		mg/L	0.0010		1		1.3	01/02/2024 14:35	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:35	LDP

ANALYTICAL RESULTS

Lab ID:	3909540013	Date Collected:	12/29/2023 10:25	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 7P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.23		mg/L	0.0010		1		1.3	01/02/2024 14:37	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:37	LDP

ANALYTICAL RESULTS

Lab ID:	3909540014	Date Collected:	12/29/2023 10:27	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 7F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.053		mg/L	0.0010		1		1.3	01/02/2024 14:42	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:42	LDP

ANALYTICAL RESULTS

Lab ID:	3909540015	Date Collected:	12/29/2023 10:30	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 8P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.10		mg/L	0.0010		1		1.3	01/02/2024 14:44	LDP
Lead, Total	0.0011		mg/L	0.0010		1		0.015	01/02/2024 14:44	LDP

ANALYTICAL RESULTS

Lab ID:	3909540016	Date Collected:	12/29/2023 10:32	Matrix:	Drinking Water, Potable (D)
Sample ID:	North High School - 8F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.073		mg/L	0.0010		1		1.3	01/02/2024 14:46	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 14:46	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

390554
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultents, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ———
PIN #: ———
Sampled By: Jacob Pallach
PO No.: 63866-01

Remarks:
USe EPA Method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: ———

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-29-23	9:57	X		North High School - 1P	DW	1	X	X	390454-0001
02		9:59	X		North High School - 1F	DW	1	X	X	0002
03		10:03	X		North High School - 2P	DW	1	X	X	0003
04		10:05	X		North High School - 2F	DW	1	X	X	0004
05		10:07	X		North High School - 3P	DW	1	X	X	0005
06		10:09	X		North High School - 3F	DW	1	X	X	0006
07		10:10	X		North High School - 4P	DW	1	X	X	0007
08		10:12	X		North High School - 4F	DW	1	X	X	0008
09		10:14	X		North High School - 5P	DW	1	X	X	0009
10		10:16	X		North High School - 5F	DW	1	X	X	0010

Tran. #	Released By	Received By	Date	Time
1.	[signature]	SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390954
TEC
Testing Engineers & Consulta

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd.
City, State, Zip:	Troy, MI, 48083
Phone and Fax:	248-755-1557
Email:	schandler@tectest.com
Client Job Name / No.:	63866-01
Job Location:	
WSSN #:	PIN #:
Sampled By:	Jacob Pallach
PO No.:	63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
11	12-[illegible]-23	10:18	X		North High School -6P	DW	1	X	X	390954-0011
12		10:20	X		North High School -6F	DW	1	X	X	12
13		10:25	X		North High School -7P	DW	1	X	X	13
14		10:27	X		North High School -7F	DW	1	X	X	14
15		10:30	X		North High School -8P	DW	1	X	X	15
16		10:32	X		North High School -8F	DW	1	X	X	16

Tran. #	Released By	Received By	Date	Time
1.		SDT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

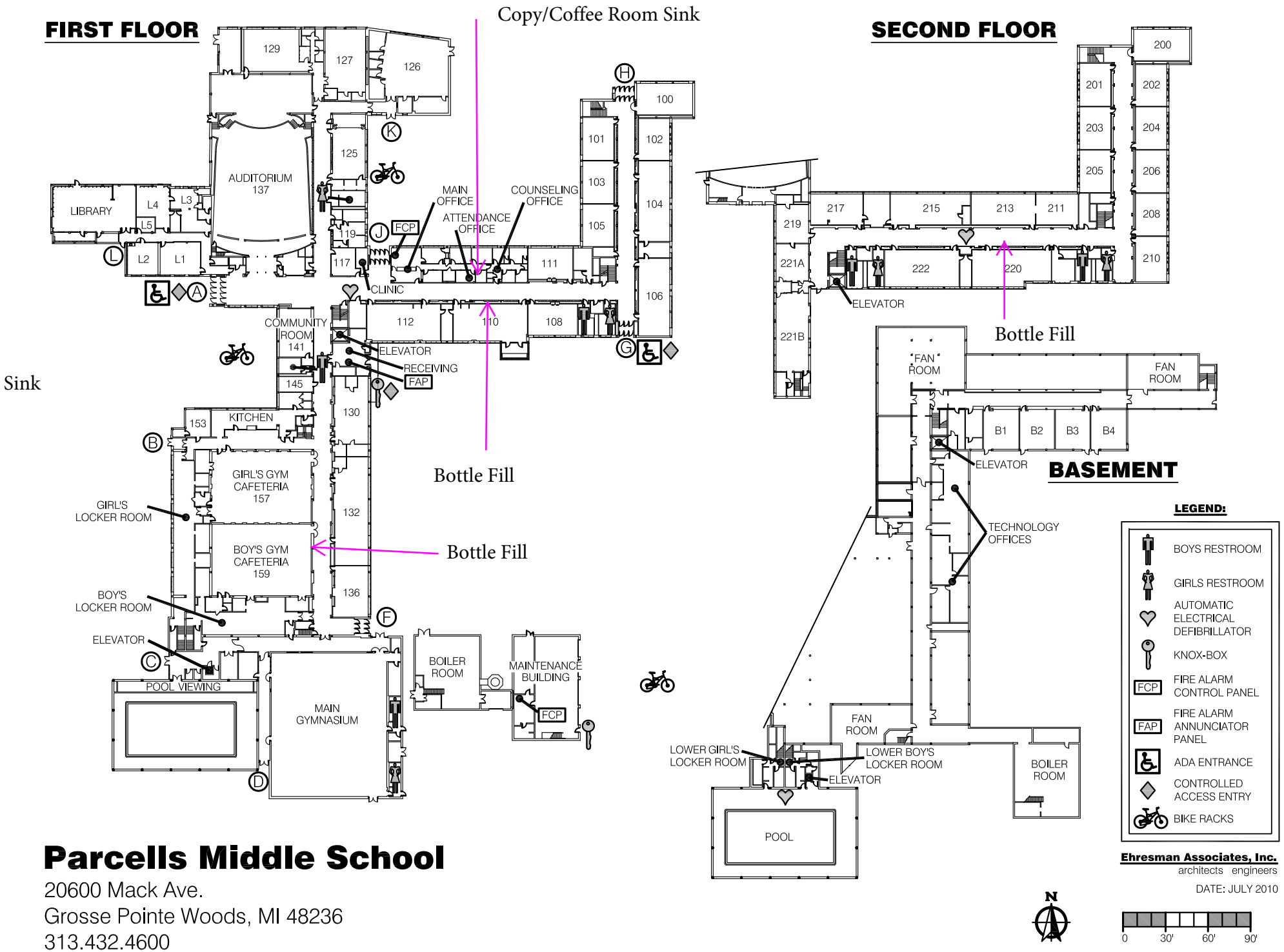
		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

*Refer to REF-N0008A

APPENDIX K

Table One
Drinking Water Test Results
Parcells Middle School
20600 Mack Ave, Grosse Pointe Woods, MI 48236
Sampling Date: Sampling Date: December 29, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Copy/Coffee Rm Sink; cold	1P	1st draw	Lead	0.0013
				Copper	0.0065
		1F	2 min. flush	Lead	<0.0010
				Copper	0.0019
2	1st Floor; Bottle Filling Station outside Rm 110	2P	1st draw	Lead	<0.0010
				Copper	0.087
		2F	2 min. flush	Lead	<0.0010
				Copper	0.021
3	1st Floor; Bottle Filling Station outside Boy's Gym (Room 159)	3P	1st draw	Lead	<0.0010
				Copper	0.062
		3F	2 min. flush	Lead	<0.0010
				Copper	0.016
4	2nd Floor; Bottle Filling Station outside Rm 220	4P	1st draw	Lead	<0.0010
				Copper	0.16
		4F	2 min. flush	Lead	<0.0010
				Copper	0.042
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L



Parcells Middle School

20600 Mack Ave.
Grosse Pointe Woods, MI 48236
313.432.4600

Ehresman Associates, Inc.
architects engineers
DATE: JULY 2010

2023 WATER SAMPLING LOCATIONS

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390956
Project Name: 63866-01
Purchase Order: 63866-01

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Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

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SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909560001	Parcells - 1P	Grab	D	12/29/2023 11:43	12/29/2023 13:09	Jacob Pallach
3909560002	Parcells - 1F	Grab	D	12/29/2023 11:45	12/29/2023 13:09	Jacob Pallach
3909560003	Parcells - 2P	Grab	D	12/29/2023 11:47	12/29/2023 13:09	Jacob Pallach
3909560004	Parcells - 2F	Grab	D	12/29/2023 11:49	12/29/2023 13:09	Jacob Pallach
3909560005	Parcells - 3P	Grab	D	12/29/2023 11:56	12/29/2023 13:09	Jacob Pallach
3909560006	Parcells - 3F	Grab	D	12/29/2023 11:58	12/29/2023 13:09	Jacob Pallach
3909560007	Parcells - 4P	Grab	D	12/29/2023 11:51	12/29/2023 13:09	Jacob Pallach
3909560008	Parcells - 4F	Grab	D	12/29/2023 11:53	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

Analysis Results Narrative

3909560003 - Parcells - 2P - Copper, Total
The concentration for this analyte was greater than 4X the MS/MSD spike concentration. No qualification is necessary for recovery failures.

ANALYTICAL RESULTS

Lab ID:	3909560001	Date Collected:	12/29/2023 11:43	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0065		mg/L	0.0010		1		1.3	01/02/2024 15:13	LDP
Lead, Total	0.0013		mg/L	0.0010		1		0.015	01/02/2024 15:13	LDP

ANALYTICAL RESULTS

Lab ID:	3909560002	Date Collected:	12/29/2023 11:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0019		mg/L	0.0010		1		1.3	01/02/2024 15:15	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:15	LDP

ANALYTICAL RESULTS

Lab ID:	3909560003	Date Collected:	12/29/2023 11:47	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.087	*	mg/L	0.0010		1		1.3	01/02/2024 15:17	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:17	LDP

ANALYTICAL RESULTS

Lab ID:	3909560004	Date Collected:	12/29/2023 11:49	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.021		mg/L	0.0010		1		1.3	01/02/2024 15:26	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:26	LDP

ANALYTICAL RESULTS

Lab ID:	3909560005	Date Collected:	12/29/2023 11:56	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.062		mg/L	0.0010		1		1.3	01/02/2024 15:28	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:28	LDP

ANALYTICAL RESULTS

Lab ID:	3909560006	Date Collected:	12/29/2023 11:58	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.016		mg/L	0.0010		1		1.3	01/02/2024 15:29	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:29	LDP

ANALYTICAL RESULTS

Lab ID:	3909560007	Date Collected:	12/29/2023 11:51	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 4P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.16		mg/L	0.0010		1		1.3	01/02/2024 15:31	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:31	LDP

ANALYTICAL RESULTS

Lab ID:	3909560008	Date Collected:	12/29/2023 11:53	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells - 4F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.042		mg/L	0.0010		1		1.3	01/02/2024 15:33	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 15:33	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390956
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: SChandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ———
PIN #: ———
Sampled By: Jacob Pallach
PO No.: 63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: ———

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-29-23	11:43	X		Parcells - 1P	DW	1	X	X	390956-0001
02		11:45	X		Parcells - 1F	DW	1	X	X	02
03		11:47	X		Parcells - 2P	DW	1	X	X	03
04		11:49	X		Parcells - 2F	DW	1	X	X	04
05		11:56	X		Parcells - 3P	DW	1	X	X	05
06		11:58	X		Parcells - 3F	DW	1	X	X	06
07		11:51	X		Parcells - 4P	DW	1	X	X	07
08		11:53	X		Parcells - 4F	DW	1	X	X	08

Tran. #	Released By	Received By	Date	Time
1.	[signature]	SDT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

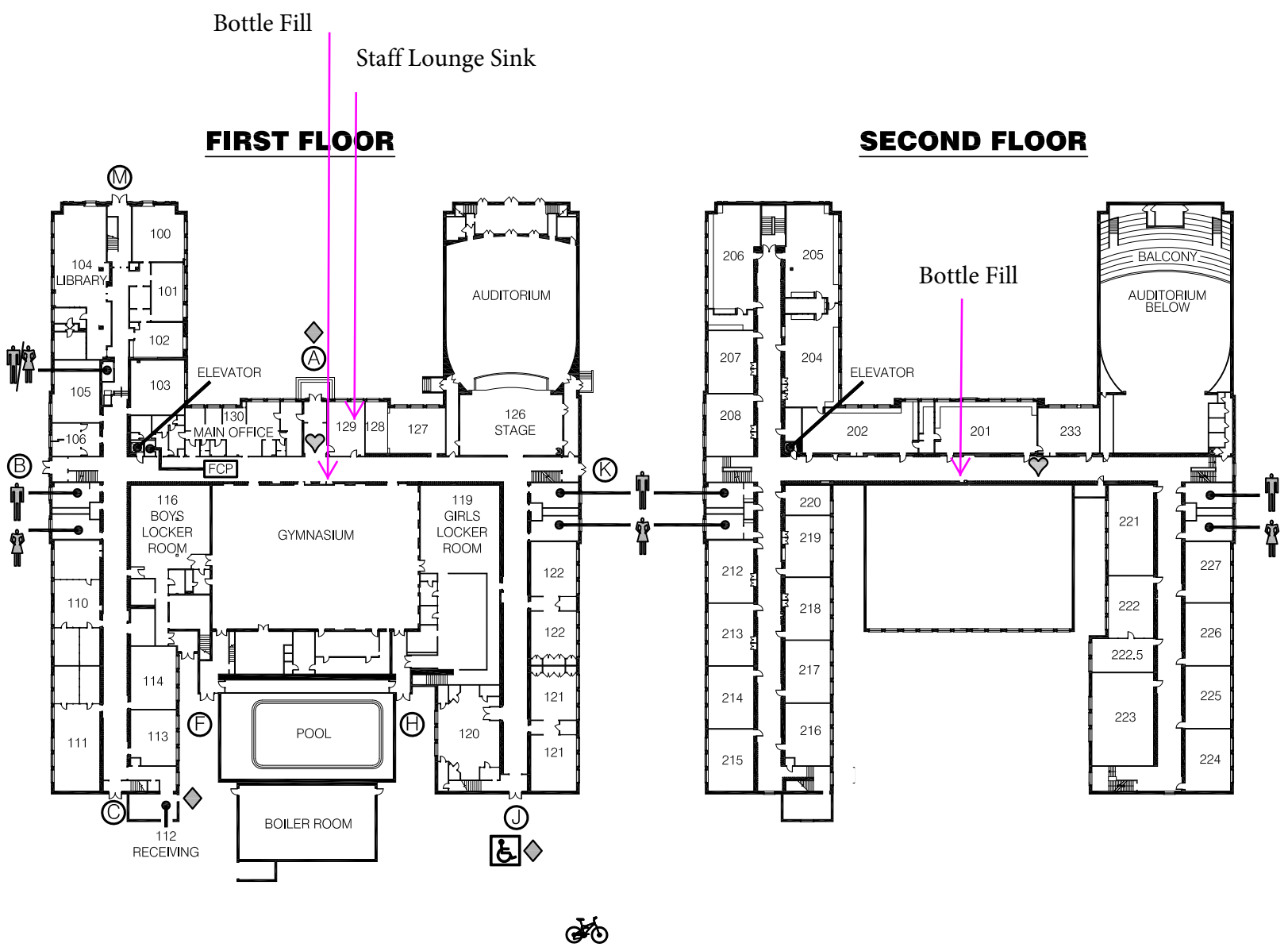
		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

*Refer to REF-N0008A

APPENDIX L

Table One
Drinking Water Test Results
Pierce Middle School
15430 Kercheval Ave, Grosse Pointe, MI 48230
Sampling Date: December 28, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station outside Gymnasium	1P	1st draw	Lead	<0.0010
				Copper	0.052
		1F	2 min. flush	Lead	<0.0010
				Copper	0.050
2	1st Floor; Staff Lounge; Sink; Cold	2P	1st draw	Lead	<0.0010
				Copper	0.038
		2P	1st draw	Lead	<0.0010
				Copper	0.0024
3	2nd Floor; Bottle Filling Station across from Rm 201	3P	1st draw	Lead	<0.0010
				Copper	0.047
		3F	2 min. flush	Lead	<0.0010
				Copper	0.064
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L



Pierce Middle School

15430 Kercheval
Grosse Pointe Park, MI 48230
313.432.4700

2023 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390942
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909420001	Pierce - 1P	Grab	D	12/28/2023 08:45	12/29/2023 13:09	Jacob Pallach
3909420002	Pierce - 1F	Grab	D	12/28/2023 08:47	12/29/2023 13:09	Jacob Pallach
3909420003	Pierce - 2P	Grab	D	12/28/2023 08:54	12/29/2023 13:09	Jacob Pallach
3909420004	Pierce - 2F	Grab	D	12/28/2023 08:56	12/29/2023 13:09	Jacob Pallach
3909420005	Pierce - 3P	Grab	D	12/28/2023 08:57	12/29/2023 13:09	Jacob Pallach
3909420006	Pierce - 3F	Grab	D	12/28/2023 08:59	12/29/2023 13:09	Jacob Pallach

WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

ANALYTICAL RESULTS

Lab ID:	3909420001	Date Collected:	12/28/2023 08:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.052		mg/L	0.0010		1		1.3	01/02/2024 10:26	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:26	LDP

ANALYTICAL RESULTS

Lab ID:	3909420002	Date Collected:	12/28/2023 08:47	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.050		mg/L	0.0010		1		1.3	01/02/2024 10:28	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:28	LDP

ANALYTICAL RESULTS

Lab ID:	3909420003	Date Collected:	12/28/2023 08:54	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.038		mg/L	0.0010		1		1.3	01/02/2024 10:30	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:30	LDP

ANALYTICAL RESULTS

Lab ID:	3909420004	Date Collected:	12/28/2023 08:56	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.0024		mg/L	0.0010		1		1.3	01/02/2024 10:32	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:32	LDP

ANALYTICAL RESULTS

Lab ID:	3909420005	Date Collected:	12/28/2023 08:57	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.047		mg/L	0.0010		1		1.3	01/02/2024 10:37	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:37	LDP

ANALYTICAL RESULTS

Lab ID:	3909420006	Date Collected:	12/28/2023 08:59	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.064		mg/L	0.0010		1		1.3	01/02/2024 10:39	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 10:39	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Road
City, State, Zip: Troy, MI 48083
Phone and Fax: 248-755-1557
Email: SChandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———

WSSN #: ———
PIN #: ———
Sampled By: Jacob Pallach
PO No.: 63866-01

Remarks:
Use EPA Method 200-8

390942
TEC
Testing Engineers & Consulta

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: ———

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: ———

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12/28/23	8:45	✓		Pierce - 1P	DW	1	x	x	390942-0001
02	↓	8:48	✓		Pierce - 1F	DW	1	x	x	02
03		8:54	✓		Pierce - 2P	DW	1	x	x	03
04		8:56	✓		Pierce - 2F	DW	1	x	x	04
05		8:57	✓		Pierce - 3P	DW	1	x	x	05
06	↓	8:59	✓		Pierce - 3F	DW	1	x	x	06

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

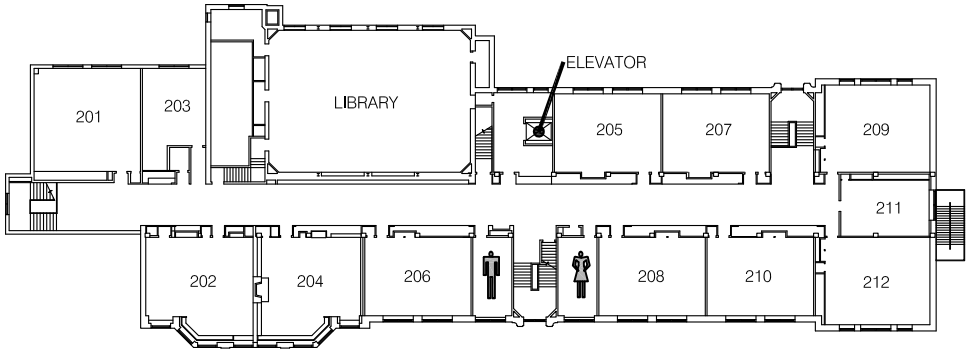
*Refer to REF-N0008A

APPENDIX M

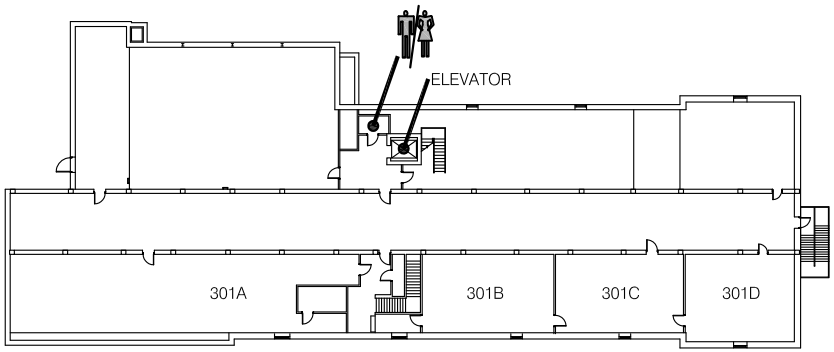
Table One
Drinking Water Test Results
Richard Elementary School
176 McKinley, Grosse Pointe Farms, MI 48236
Sampling Date: December 29, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Kitchen Area; Kitchen Sink; cold	1P	1st draw	Lead	<0.0010
				Copper	0.050
		1F	2 min. flush	Lead	<0.0010
				Copper	0.025
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L

SECOND FLOOR

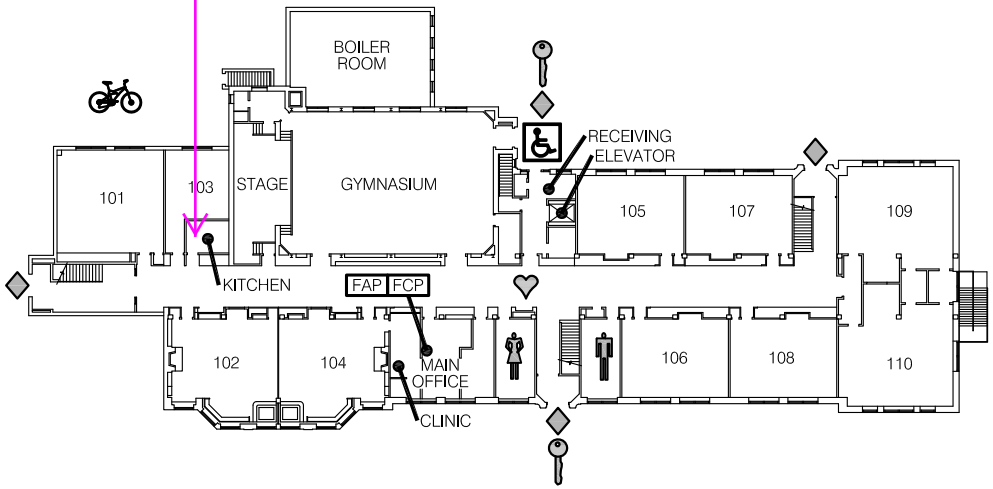


THIRD FLOOR



Kitchen Sink

FIRST FLOOR



LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELECTRICAL DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- CONTROLLED ACCESS ENTRY
- BIKE RACK

Richard Elementary School

176 McKinley
Grosse Pointe Farms, MI 48236
313.432.4900

2023 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390951
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

Please note that any unused portion of the sample(s) will be discarded 40 days after sample receipt, unless requested otherwise.

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceeded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceeded by "Sample", it describes the client-specified sample identifier.
Qual	Qualifier	Column that populates with an asterisk (*) when a related narrative comment appears in the Workorder Summary.
RL	Reporting Limit	The value at or above which a result is routinely reported.
MDL	Method Detection Limit	The minimum measured concentration that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results.
DF	Dilution Factor	The dilution applied to the sample during analysis to arrive at the final reported analyte result.
Min	Minimum	The minimum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
Max	Maximum	The maximum value that a result can be to meet the applicable specification, regulatory, permit, or client-specified limit.
(S)	Surrogate	A compound that is added to the sample to mimic one or more compounds of interest. Its recovery is used to evaluate the efficiency of recovering the compound(s) of interest.
<	Less Than	Symbol that indicates that a result is less than the value following it.
>	Greater Than	Symbol that indicates that a result is greater than the value following it.
CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909510001	Richard - 1P	Grab	D	12/29/2023 08:52	12/29/2023 13:09	Jacob Pallach
3909510002	Richard - 1F	Grab	D	12/29/2023 08:54	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

ANALYTICAL RESULTS

Lab ID:	3909510001	Date Collected:	12/29/2023 08:52	Matrix:	Drinking Water, Potable (D)
Sample ID:	Richard - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.050		mg/L	0.0010		1		1.3	01/02/2024 13:42	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:42	LDP

ANALYTICAL RESULTS

Lab ID:	3909510002	Date Collected:	12/29/2023 08:54	Matrix:	Drinking Water, Potable (D)
Sample ID:	Richard - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.025		mg/L	0.0010		1		1.3	01/02/2024 13:44	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 13:44	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES

12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390351
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1567
Email: schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: ———
WSSN #: ———
PIN #: ———
Sampled By: Jacob Pallach
PO No.: 63866-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
- RCRA ☐
- NPDES ☐
- Drinking Water ☑
- Other: _____

Turnaround Requirements
- 1 Day (RUSH) ☐
- 2 Day (RUSH) ☐
- 3 Day (RUSH) ☐
- 5 Day (STANDARD) ☑
- Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-29-23	8:52	X		Richard - 1P	DW	1	X	X	390951-0001
02	↓	8:54	X		Richard - 1F	DW	1	X	X	↓ 0002

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

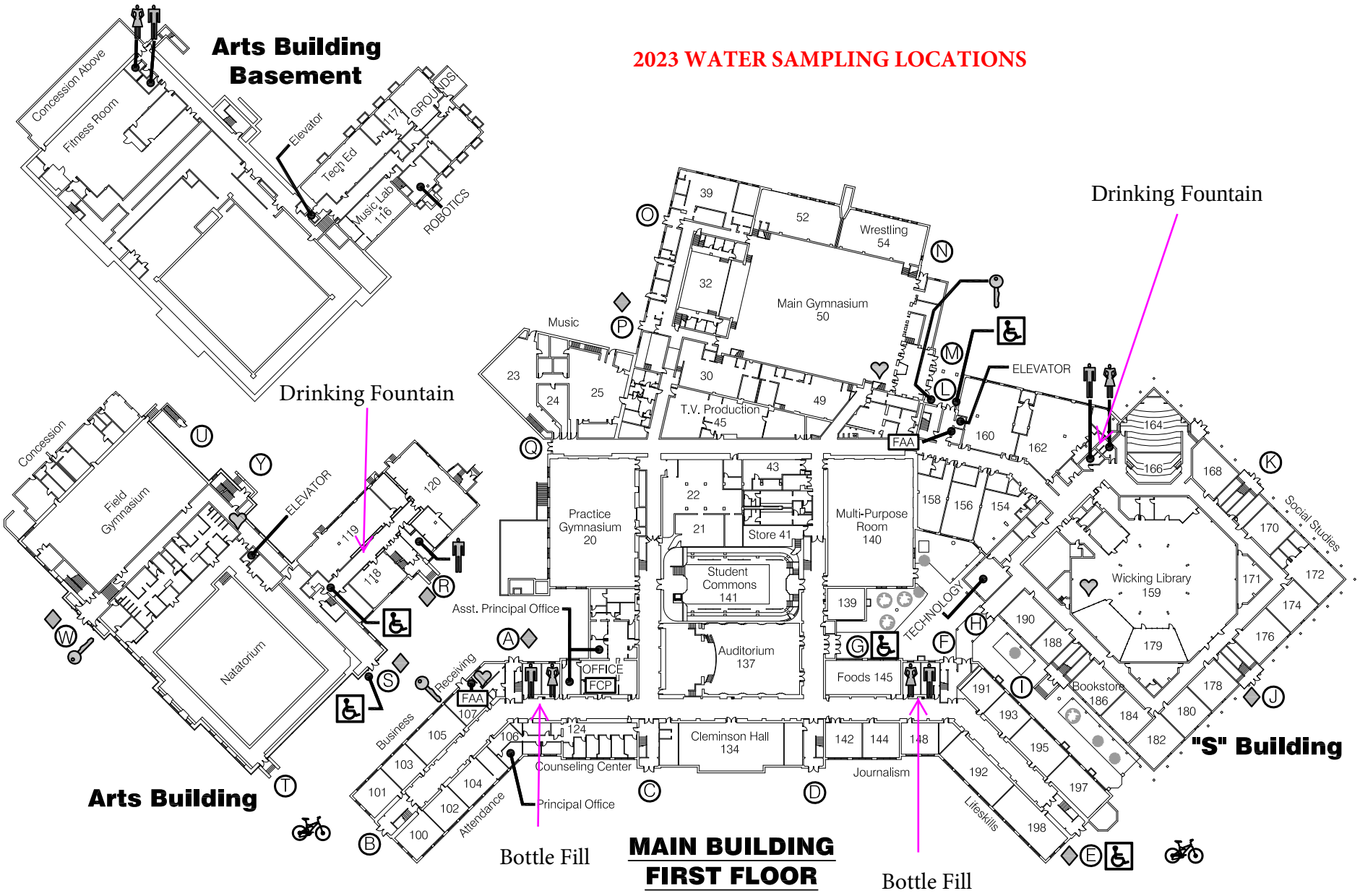
		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

*Refer to REF-N0008A

APPENDIX N

Table One
Drinking Water Test Results
Grosse Pointe South High School
11 Grosse Pointe Blvd, Grosse Pointe Farms, MI 48236
Sampling Date: December 28, 2023

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station across from Counseling Cntr (Rm 124)	1P	1st Draw	Lead	<0.0010
				Copper	0.045
		1F	2 min. flush	Lead	<0.0010
				Copper	0.036
2	1st Floor; Bottle Filling Station across from Room 148	2P	1st Draw	Lead	<0.0010
				Copper	0.019
		2F	2 min. flush	Lead	<0.0010
				Copper	0.046
3	1st Floor; Drinking Fountain adjacent to Rm 166	3P	1st Draw	Lead	<0.0010
				Copper	0.036
		3F	2 min. flush	Lead	<0.0010
				Copper	0.022
4	1st Floor; Drinking Fountain outside Rm 119	4P	1st Draw	Lead	<0.0010
				Copper	0.054
		4F	2 min. flush	Lead	<0.0010
				Copper	0.024
5	2nd Floor; Bottle Filling Station across from Rm 229	5P	1st Draw	Lead	<0.0010
				Copper	0.062
		5F	2 min. flush	Lead	<0.0010
				Copper	0.024
6	2nd Floor; Cafeteria Area; West Food Prep Sink; Cold	6P	1st Draw	Lead	<0.0010
				Copper	0.033
		6F	2 min. flush	Lead	<0.0010
				Copper	0.016
7	2nd Floor; Faculty Lounge Sink in Room 275; Cold	7P	1st Draw	Lead	0.0020
				Copper	0.076
		7F	2 min. flush	Lead	<0.0010
				Copper	0.013
8	2nd Floor; Bottle Filling Station across from Rm 248	8P	1st Draw	Lead	<0.0010
				Copper	0.031
		8F	2 min. flush	Lead	<0.0010
				Copper	0.012
		EPA	Action Level	Lead	0.015 mg/L
				Copper	1.3 mg/L



Grosse Pointe South High School

11 Grosse Pointe Blvd.
Grosse Pointe Farms, MI 48236
313.432.3500

LEGEND:

- BOYS RESTROOM
- GIRLS RESTROOM
- AUTOMATIC ELEC. DEFIBRILLATOR
- KNOX-BOX
- FCP — FIRE ALARM CONTROL PANEL
- FAP — FIRE ALARM ANNUNCIATOR PANEL
- ADA ENTRANCE
- CONTROLLED ACCESS ENTRY
- BIKE RACK

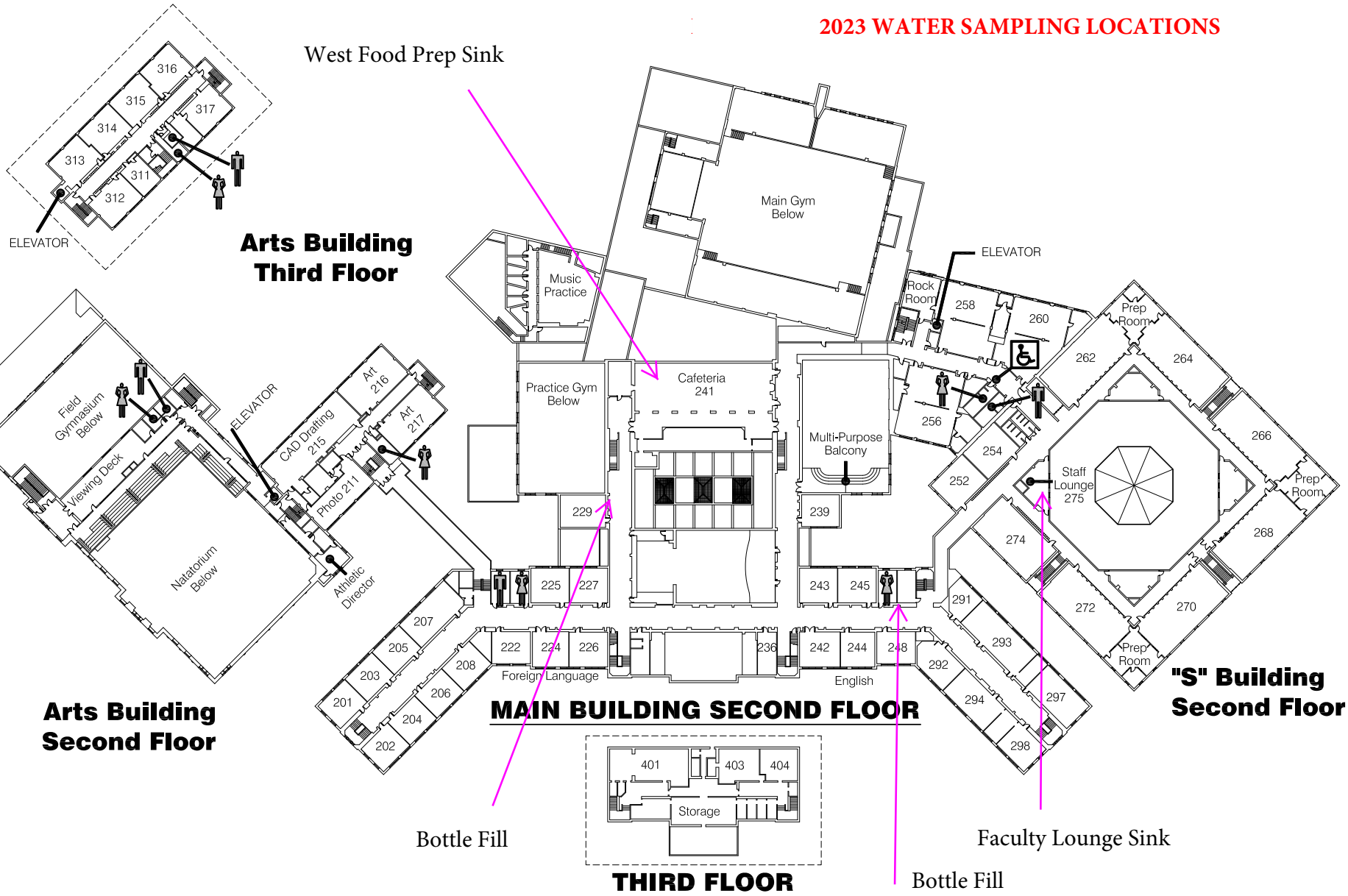
Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

2023 WATER SAMPLING LOCATIONS



Grosse Pointe South High School

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Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON Laboratories

12649 Richfield Ct.
Livonia, MI 48150
P: 734.462.3900
paragonlaboratories.com

Thursday, January 4, 2024

Scott Chandler
Testing Engineers & Consultants
1343 Rochester Rd
Troy, MI 48083

Workorder: 390945
Project Name: 63866-01
Purchase Order: 63866-01

Scott Chandler,
Paragon Laboratories, Inc. received the samples associated with the workorder listed above for the analyses presented in the following report. The analyses pertain only to the aliquot of sample received.

This material is confidential and is intended solely for the person to whom it is addressed. If this is received in error, please contact the number below.

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We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734-469-5619.

Sincerely,

Elizabeth Pangborn

Elizabeth Pangborn
Senior Project Manager

GLOSSARY

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CD	Customer Supplied Data	Initials in "By" section of Analytical Results that indicate data was supplied by customer. Paragon Laboratories Inc., takes no responsibility for customer supplied data.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3909450001	South HS - 1P	Grab	D	12/28/2023 10:34	12/29/2023 13:09	Jacob Pallach
3909450002	South HS - 1F	Grab	D	12/28/2023 10:40	12/29/2023 13:09	Jacob Pallach
3909450003	South HS - 2P	Grab	D	12/28/2023 10:44	12/29/2023 13:09	Jacob Pallach
3909450004	South HS - 2F	Grab	D	12/28/2023 10:46	12/29/2023 13:09	Jacob Pallach
3909450005	South HS - 3P	Grab	D	12/28/2023 10:51	12/29/2023 13:09	Jacob Pallach
3909450006	South HS - 3F	Grab	D	12/28/2023 10:53	12/29/2023 13:09	Jacob Pallach
3909450007	South HS - 4P	Grab	D	12/28/2023 11:16	12/29/2023 13:09	Jacob Pallach
3909450008	South HS - 4F	Grab	D	12/28/2023 11:18	12/29/2023 13:09	Jacob Pallach
3909450009	South HS - 5P	Grab	D	12/28/2023 11:11	12/29/2023 13:09	Jacob Pallach
3909450010	South HS - 5F	Grab	D	12/28/2023 11:13	12/29/2023 13:09	Jacob Pallach
3909450011	South HS - 6P	Grab	D	12/28/2023 11:07	12/29/2023 13:09	Jacob Pallach
3909450012	South HS - 6F	Grab	D	12/28/2023 11:09	12/29/2023 13:09	Jacob Pallach
3909450013	South HS - 7P	Grab	D	12/28/2023 10:57	12/29/2023 13:09	Jacob Pallach
3909450014	South HS - 7F	Grab	D	12/28/2023 10:59	12/29/2023 13:09	Jacob Pallach
3909450015	South HS - 8P	Grab	D	12/28/2023 11:02	12/29/2023 13:09	Jacob Pallach
3909450016	South HS - 8F	Grab	D	12/28/2023 11:04	12/29/2023 13:09	Jacob Pallach

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 02/25/2026)

Paragon Laboratories, Inc. is NELAP certified by the State of Florida Department of Health, Bureau of Public Health Laboratories for the examination of environmental samples in specified categories.
Please refer to https://www.paragonlaboratories.com/about-paragon/quality-system for details. (Lab No. E871171 Expires 06/30/2024)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 17.6 °C on December 29th, 2023.

Analysis Results Narrative

3909450001 - South HS - 1P - Copper, Total
The MS and/or MSD recovery for this analyte was above the upper control limit.
3909450011 - South HS - 6P - Copper, Total
The MS and/or MSD recovery for this analyte was above the upper control limit.

ANALYTICAL RESULTS

Lab ID:	3909450001	Date Collected:	12/28/2023 10:34	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 1P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.045	*	mg/L	0.0010		1		1.3	01/02/2024 11:13	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:13	LDP

ANALYTICAL RESULTS

Lab ID:	3909450002	Date Collected:	12/28/2023 10:40	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 1F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.036		mg/L	0.0010		1		1.3	01/02/2024 11:22	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:22	LDP

ANALYTICAL RESULTS

Lab ID:	3909450003	Date Collected:	12/28/2023 10:44	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 2P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.019		mg/L	0.0010		1		1.3	01/02/2024 11:24	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:24	LDP

ANALYTICAL RESULTS

Lab ID:	3909450004	Date Collected:	12/28/2023 10:46	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 2F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.046		mg/L	0.0010		1		1.3	01/02/2024 11:26	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:26	LDP

ANALYTICAL RESULTS

Lab ID:	3909450005	Date Collected:	12/28/2023 10:51	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 3P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.036		mg/L	0.0010		1		1.3	01/02/2024 11:28	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:28	LDP

ANALYTICAL RESULTS

Lab ID:	3909450006	Date Collected:	12/28/2023 10:53	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 3F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.022		mg/L	0.0010		1		1.3	01/02/2024 11:30	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:30	LDP

ANALYTICAL RESULTS

Lab ID:	3909450007	Date Collected:	12/28/2023 11:16	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 4P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.054		mg/L	0.0010		1		1.3	01/02/2024 11:32	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:32	LDP

ANALYTICAL RESULTS

Lab ID:	3909450008	Date Collected:	12/28/2023 11:18	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 4F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.024		mg/L	0.0010		1		1.3	01/02/2024 11:33	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:33	LDP

ANALYTICAL RESULTS

Lab ID:	3909450009	Date Collected:	12/28/2023 11:11	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 5P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.062		mg/L	0.0010		1		1.3	01/02/2024 11:35	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:35	LDP

ANALYTICAL RESULTS

Lab ID:	3909450010	Date Collected:	12/28/2023 11:13	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 5F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.024		mg/L	0.0010		1		1.3	01/02/2024 11:37	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 11:37	LDP

ANALYTICAL RESULTS

Lab ID:	3909450011	Date Collected:	12/28/2023 11:07	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 6P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.033	*	mg/L	0.0010		1		1.3	01/02/2024 12:27	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:27	LDP

ANALYTICAL RESULTS

Lab ID:	3909450012	Date Collected:	12/28/2023 11:09	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 6F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.016		mg/L	0.0010		1		1.3	01/02/2024 12:35	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:35	LDP

ANALYTICAL RESULTS

Lab ID:	3909450013	Date Collected:	12/28/2023 10:57	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 7P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.076		mg/L	0.0010		1		1.3	01/02/2024 12:37	LDP
Lead, Total	0.0020		mg/L	0.0010		1		0.015	01/02/2024 12:37	LDP

ANALYTICAL RESULTS

Lab ID:	3909450014	Date Collected:	12/28/2023 10:59	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 7F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.013		mg/L	0.0010		1		1.3	01/02/2024 12:39	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:39	LDP

ANALYTICAL RESULTS

Lab ID:	3909450015	Date Collected:	12/28/2023 11:02	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 8P	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.031		mg/L	0.0010		1		1.3	01/02/2024 12:40	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:40	LDP

ANALYTICAL RESULTS

Lab ID:	3909450016	Date Collected:	12/28/2023 11:04	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS - 8F	Date Received:	12/29/2023 13:09	Collector:	Jacob Pallach
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8										
Copper, Total	0.012		mg/L	0.0010		1		1.3	01/02/2024 12:42	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.015	01/02/2024 12:42	LDP

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 **P** 734.462.3900 **F** 734.462.3911 **W** www.paragonlaboratories.com

390945
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: schandler@tectest.com
Client Job Name / No.: 63866-01
Job Location: —
WSSN #: — PIN #: —
Sampled By: Jacob Pallach PO No.: 63866-01

Remarks:
Use EPA method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☑
Other: _____

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☑
Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	12-28-23	10:34	X		South HS-1P	DW	1	X	X	390945-0001
02	12-28-23	10:40	X		South HS-1F	DW	1	X	X	0002
03	12-28-23	10:44	X		South HS-2P	DW	1	X	X	0003
04	12-28-23	10:46	X		South HS-2F	DW	1	X	X	0004
05	12-28-23	10:51	X		South HS-3P	DW	1	X	X	0005
06	12-28-23	10:53	X		South HS-3F	DW	1	X	X	0006
07	12-28-23	11:16	X		South HS-4P	DW	1	X	X	0007
08	12-28-23	11:18	X		South HS-4F	DW	1	X	X	0008
09	12-28-23	11:11	X		South HS-5P	DW	1	X	X	0009
10	12-28-23	11:13	X		South HS-5F	DW	1	X	X	0010

Tran. #	Released By	Received By	Date	Time
1.	[signature]	SDT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

CHAIN-OF-CUSTODY RECORD

PARAGON LABORATORIES
12649 Richfield Ct. Livonia, MI 48150 P 734.462.3900 F 734.462.3911 W www.paragonlaboratories.com

390945
TEC
Testing Engineers & Consulta

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Road
City, State, Zip: Troy, MI, 48083
Phone and Fax: 248-755-1557
Email: SChandler@tectest.com
Client Job Name / No.: 638666-01
Job Location: —
WSSN #: — PIN #: —
Sampled By: Jacob Pallach PO No.: 638666-01

Remarks:
Use EPA Method 200-8

Regulatory Requirements
RCRA ☐
NPDES ☐
Drinking Water ☒
Other: _____

Turnaround Requirements
1 Day (RUSH) ☐
2 Day (RUSH) ☐
3 Day (RUSH) ☐
5 Day (STANDARD) ☒
Other: _____

Matrix Key
DW = Drinking Water WW = Wastewater
W = Water D = Diesel BD = Biodiesel
G = Gasoline E8 = E85 O = Oil
SL = Sludge S = Soil X = Other

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
11	12/28/23	11:07	X		South HS - 6P	DW	1	X	X	390945-001
12		11:09	X		South HS - 6F	DW	1	X	X	W12
13		10:57	X		South HS - 7P	DW	1	X	X	W13
14		10:59	X		South HS - 7F	DW	1	X	X	W14
15		11:02	X		South HS - 8P	DW	1	X	X	W15
16		11:04	X		South HS - 8F	DW	1	X	X	W16

Tran. #	Released By	Received By	Date	Time
1.		SOT-391	12.29.23	13:09
2.				

Tran. #	Released By	Received By	Date	Time
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SPT-391	Date: 12.29.23	Client: Testing Engineers

	Criteria - All Samples	Yes	No	n/a	Additional Info / Comments
1.	Delivery method? (circle one)				Courier: _____ (Client drop-off) Paragon pick-up Paragon sampled
2.	Arrived in cooler?	✓			Cooling method (circle one): Natural ice Blue ice (Ambient) n/a
3.	COC or other paperwork present and adequate?	✓			If other paperwork provided, describe:
4.	Sample containers intact?	✓			If "No", explain:
5.	Sample containers in agreement with COC?	✓			If "No", explain:
6.	All samples in containers provided by Paragon?	✓			If "No", explain:
7.	Containers underfilled or overfilled? (Microbiology, Pb&Cu, Petroleum)		✓		If "Yes", explain:
	Additional Criteria - Environmental Samples*	**Yes**	**No**	**n/a**	**Additional Info / Comments**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11320	17.6			If multiple samples in one cooler, take the temperatures of three samples to compute the aver (Refer to SOP-N0182) 18.6 17.0 17.2
11.	Average temperature within limits or sampled within 24 hrs of receipt?	✓			
12.	Containers requiring zero headspace have no headspace or bubbles are < 6 mm (1/4")			✓	If "No", container identification(s):
13.	Sample(s) properly preserved?			✓	
14.	pH Readings:			✓	Notes or additional pH readings:
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				
	Sample ID: _____ pH: _____				

390954 / 390955 / 390956 / 390957
390946 / 390947 / 390949 / 390951 / 390952

Account Coordinator	Initials: ECP	Date: 12/29/23	Workorder: 390942 / 390943 / 390944 / 390945

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain:
2.	Client contacted?		X	Date: Mode of communication: Issue(s):
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

*Refer to REF-N0008A