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: 64895-01
Date Issued: May 21, 2025

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

Re: District-Wide Drinking Water Testing for Lead and Copper. Sampling Date: April 21, 2025.

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. First-draw water samples were collected from representative bottle filling stations and kitchen/staff lounge sinks. All sampling locations were allowed to stagnate for a minum of eight hours prior to conducting sampling. Afterward, the samples were transported 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 water testing was conducted at Barnes Early Childhood Center as a separate project and was reported under TEC Project Number: 64912-01 dated May 20, 2025.

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 50 water samples were collected. No water samples exceeded the updated Action Levels for lead and copper established under the Michigan Lead and Copper Rule of 2018. A copy of the laboratory's State of Michigan drinking water certification is found in Appendix O.

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: April 21, 2025

School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
Brownell	1	1P	1st Floor; Bottle Filling Station across from Boys Locker Rm	1st	<0.0010	0.026
	2	2P	1st Floor; Room C5, Sink in Home Making Room; Cold	1st	<0.0010	0.041
	3	3P	1st Floor; Faculty Lounge Sink; Cold	1st	<0.0010	0.026
	4	4P	2nd Floor; Bottle Filling Station across from Rm A59	1st	<0.0010	0.019
Defer	1	1P	1st Floor; Drinking Fountain near Elevator	1st	<0.0010	0.11
	2	2P	2nd Floor; Food Prep Sink in Room 206; cold	1st	<0.0010	0.023
	3	3P	3rd Floor; Drinking Fountain near Elevator	1st	<0.0010	0.19
Ferry	1	1P	1st Floor; Bottle Filling Station across from Room 128	1st	<0.0010	0.15
	2	2P	1st Floor; Bottle Filling Station across from Rm 102	1st	<0.0010	0.084
	3	3P	2nd Floor; Drinking Fountain across from Rm 201	1st	<0.0010	0.20

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: April 21, 2025

School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
Kerby	1	1P	1st Floor; Bottle Filling Station outside Rm 23	1st	<0.0010	0.082
	2	2P	1st Floor; Faculty Lounge Sink; cold	1st	<0.0010	0.032
	3	3P	1st Floor; Drinking Fountain across from Room 19	1st	<0.0010	0.075
Maire	1	1P	1st Floor; Bottle Filling Station across from Gymnasium	1st	<0.0010	0.057
	2	2P	1st Floor; Kitchen Sink; cold	1st	<0.0010	0.0022
	3	3P	2nd Floor; Bottle Filling Station across from Rm 200	1st	<0.0010	0.070
Mason	1	1P	1st Floor; Botle Filling Station outside Library	1st	<0.0010	0.14
	2	2P	1st Floor; Kitchen; Kitchen Sink; Cold	1st	<0.0010	0.010
	3	3P	2nd Floor; Bottle Filling Station outside Rm 203	1st	<0.0010	0.12

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: April 21, 2025

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	<0.0010	0.051
	2	2P	2nd Floor; Bottle Filling Station outside Rm 202	1st	<0.0010	0.072
	3	3P	2nd Floor; Faculty Lounge; Sink; Cold	1st	<0.0010	0.051
North HS	1	1P	1st Floor; Bottle Filling Station outside Rm A117	1st	<0.0010	0.031
	2	2P	1st Floor; Faculty Lounge across from B133; Sink; cold	1st	<0.0010	0.23
	3	3P	1st Floor; Bottle Filling Station outside Rm B102	1st	<0.0010	0.21
	4	4P	1st Floor; Green Room; Sink; Cold	1st	0.0022	0.089
	5	5P	1st Floor; Bottle Filling Station across from Rm C107	1st	<0.0010	0.12
	6	6P	1st Floor; Bottle Filling Station outside Auditorium	1st	<0.0010	0.52
	7	7P	2nd Floor; Drinking Fountain outside Rm B205	1st	<0.0010	0.29
	8	8P	3rd Floor; Bottle Filling Station outside Rm B310	1st	0.0014	0.32

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: April 21, 2025

School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
Parcells	1	1P	1st Floor; Copy/Coffee Rm; Sink; Cold	1st	0.0043	0.030
	2	2P	1st Floor; Bottle Filling Station outside Room 110	1st	<0.0010	0.079
	3	3P	1st Floor; Bottle Filling Station outside Boy's Gym (Room 159)	1st	<0.0010	0.11
	4	4P	2nd Floor; Bottle Filling Station outside Rm 220	1st	<0.0010	0.12
Pierce	1	1P	1st Floor; Bottle Filling Station outside gym	1st	<0.0010	0.17
	2	2P	1st Floor; Staff Lounge Sink; cold	1st	<0.0010	0.057
	3	3P	2nd Floor; Bottle Filling Station across from Rm 201	1st	<0.0010	0.14
Richard	1	1P	1st Floor; Left Drinking Fountain outside Girls Restroom	1st	<0.0010	0.0067
	2	2P	1st Floor; Kitchen Area; Kitchen Sink; cold	1st	<0.0010	0.063
	3	3P	2nd Floor; Bottle Filling Station adjacent to Rm 206	1st	<0.0010	0.012

Grosse Pointe Public School System
Summary of
Drinking Water Test Results
Sampling Dates: April 21, 2025

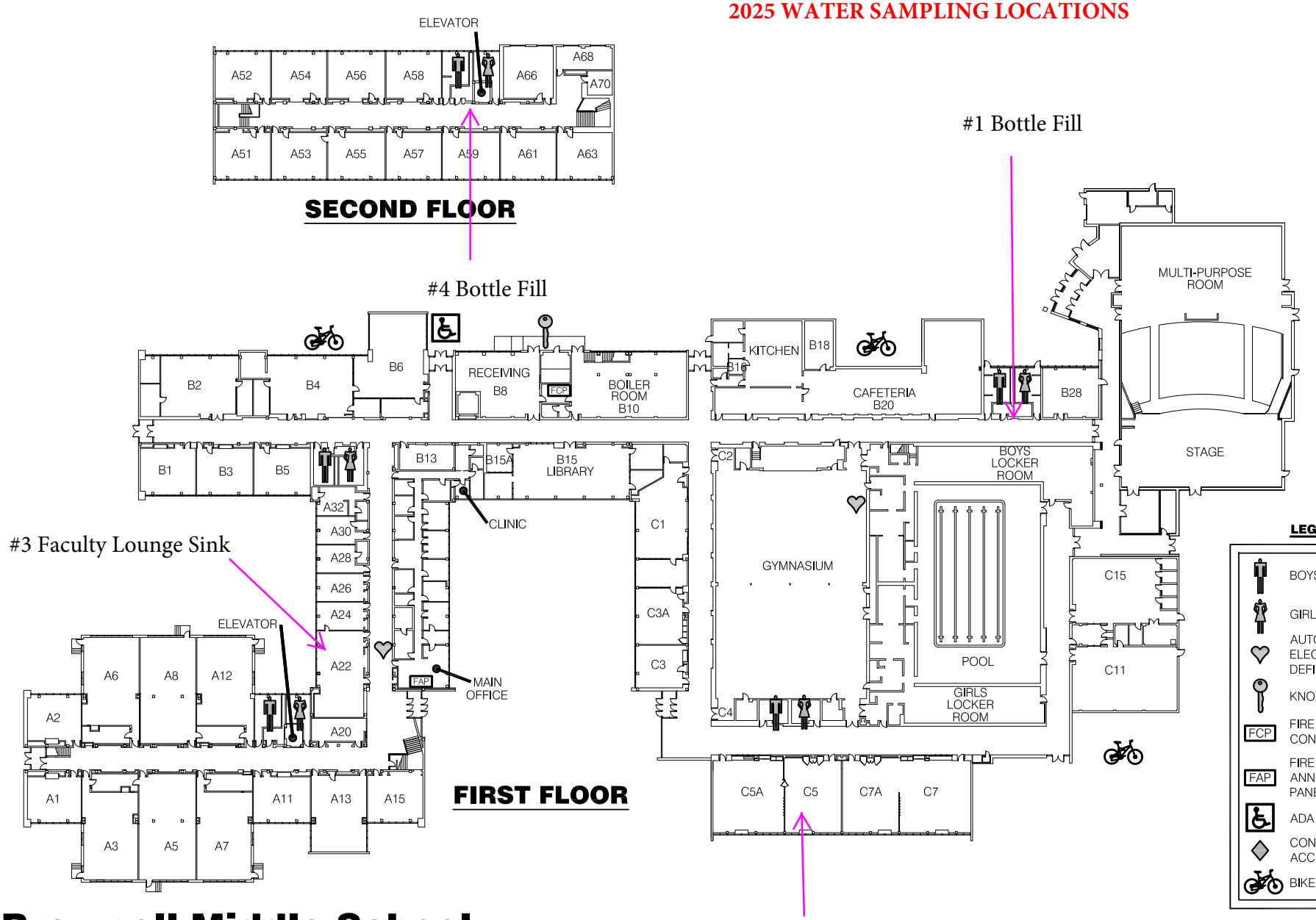
School	Location #	Sample ID	Description	Type	Lead, mg/L	Copper, mg/L
South HS	1	1P	1st Floor; Bottle Filling Station across from Counseling Cntr (Rm 124)	1st	<0.0010	0.029
	2	2P	1st Floor; Bottle Filling Station across from Room 148	1st	<0.0010	0.055
	3	3P	1st Floor; Drinking Fountain adjacent to Rm 166	1st	<0.0010	0.019
	4	4P	1st Floor; Drinking Fountain outside Rm 119 Not Accessible	1st	Void	Void
	5	5P	2nd Floor; Bottle Filling Station outside Rm 229	1st	<0.0010	0.068
	6	6P	2nd Floor; Cafeteria Area; West Food Prep Sink; Cold	1st	<0.0010	0.060
	7	7P	2nd Floor; Faculty Lounge Sink in Room 275; Cold	1st	0.0021	0.060
	8	8P	2nd Floor; Bottle Filling Station across from Rm 248	1st	<0.0010	0.044
Trombly	1	1P	1st Floor; Kitchen Sink (Right)	1st	<0.0010	0.066
	2	2P	1st Floor; Bottle Filling Station outside Receiving	1st	<0.0010	0.039
	3	3P	2nd Floor; Faculty Lounge Sink	1st	<0.0010	0.041

APPENDIX B

Table One
Drinking Water Test Results
Brownell Middle School
260 Chalfonte Ave, Grosse Pointe, MI 48236
Sampling Date: April 21, 2025

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	0.026
2	1st Floor; Room C5, Sink in Home Making Room; Cold	2P	1st Draw	Lead	<0.0010
				Copper	0.041
3	1st Floor; Faculty Lounge Sink; Cold	3P	1st Draw	Lead	<0.0010
				Copper	0.026
4	2nd Floor; Bottle Filling Station across from Rm A59	4P	1st Draw	Lead	<0.0010
				Copper	0.019
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

2025 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

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402480
Project Name: 64895-01B Brownell Middle School
Purchase Order: 64895-01B

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024800001	Brownell-1P		D	04/21/2025 10:40	04/29/2025 12:14	Zachary
4024800002	Brownell-2P		D	04/21/2025 10:40	04/29/2025 12:14	Zachary
4024800003	Brownell-3P		D	04/21/2025 10:40	04/29/2025 12:14	Zachary
4024800004	Brownell-4P		D	04/21/2025 10:40	04/29/2025 12:14	Zachary

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024800001	Date Collected:	04/21/2025 10:40	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:					

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.026		mg/L	0.0010		1		1.3	05/01/2025 14:01	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:01	LDP

ANALYTICAL RESULTS

Lab ID:	4024800002	Date Collected:	04/21/2025 10:40	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:					

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.041		mg/L	0.0010		1		1.3	05/01/2025 14:03	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:03	LDP

ANALYTICAL RESULTS

Lab ID:	4024800003	Date Collected:	04/21/2025 10:40	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:					

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.026		mg/L	0.0010		1		1.3	05/01/2025 14:04	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:04	LDP

ANALYTICAL RESULTS

Lab ID:	4024800004	Date Collected:	04/21/2025 10:40	Matrix:	Drinking Water, Potable (D)
Sample ID:	Brownell-4P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:					

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.019		mg/L	0.0010		1		1.3	05/01/2025 14:06	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:06	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 _

402480 TEC Testing Engineers & Consultants

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd
City, State, Zip:	Troy, MI 48083
Phone and Fax:	248-588-6200
Email:	schandler@tectest.com
Client Job Name / No.:	64895-01B
Job Location:	Brownell Middle School
WSSN #:	PIN #:
Sampled By:	Zachary Lutz
PO No.:	64895-01B

Remarks:

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	4/21/25		X		Brownell - 1P	DW	1	✓	✓	402480-W1
02	4/21/25		X		Brownell - 2P	DW	1	✓	✓	W2
03	4/21/25		X		Brownell - 3P	DW	1	✓	✓	W3
04	4/21/25		X		Brownell - 4P	DW	1	✓	✓	W4

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	10:40 AM
2.		SDT	4.29.25	12:11

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: Cocs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 113194	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers
402476 TEC Testing Engineers
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers
402492 TEC Testing Engineers & Consultants

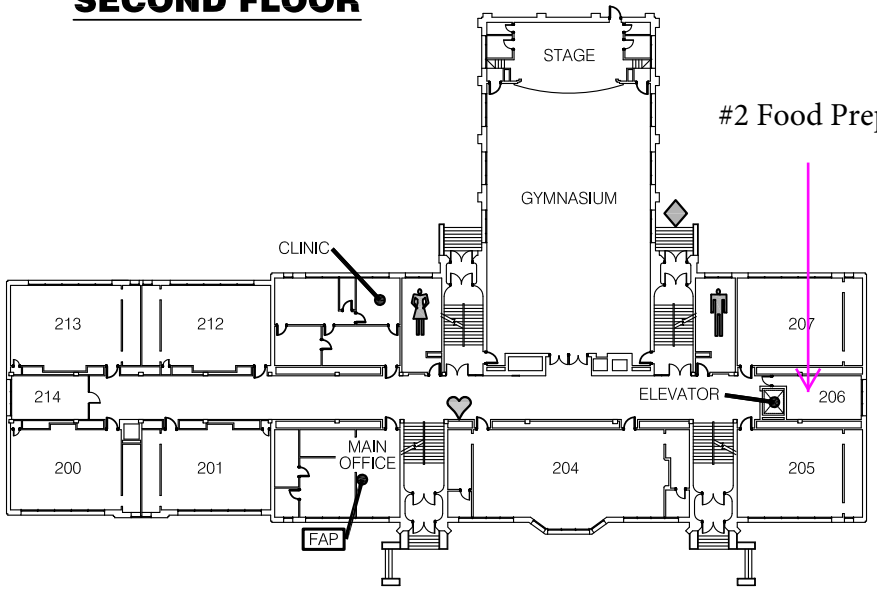
*Refer to REF-N0008A

APPENDIX C

Table One
Drinking Water Test Results
Defer Elementary School
15425 Kercheval Ave Grosse Pointe, MI 48230
Sampling Date: April 21, 2025

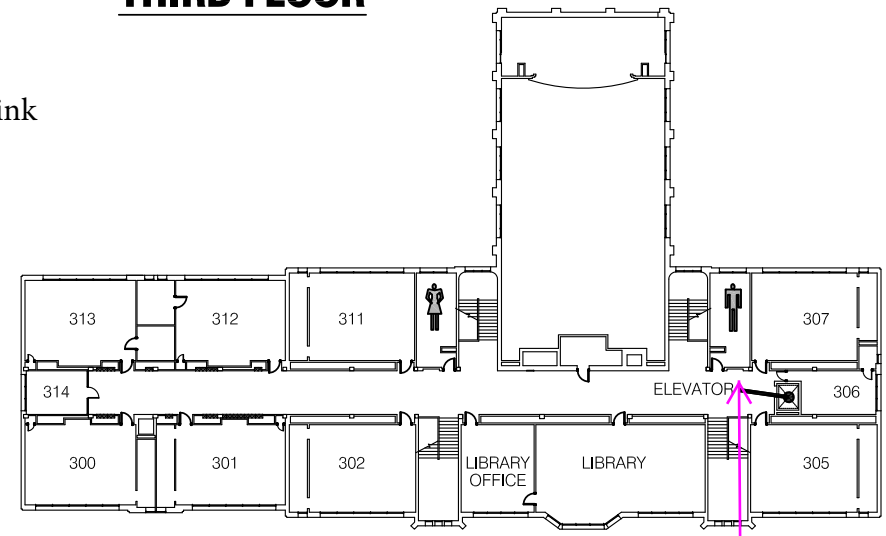
Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Drinking Fountain near Elevator	1P	1st Draw	Lead	<0.0010
				Copper	0.11
2	2nd Floor; Food Prep Sink in Rm 206; cold	2P	1st Draw	Lead	<0.0010
				Copper	0.023
3	3rd Floor; Drinking Fountain near Elevator	3P	1st Draw	Lead	<0.0010
				Copper	0.19
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

SECOND FLOOR



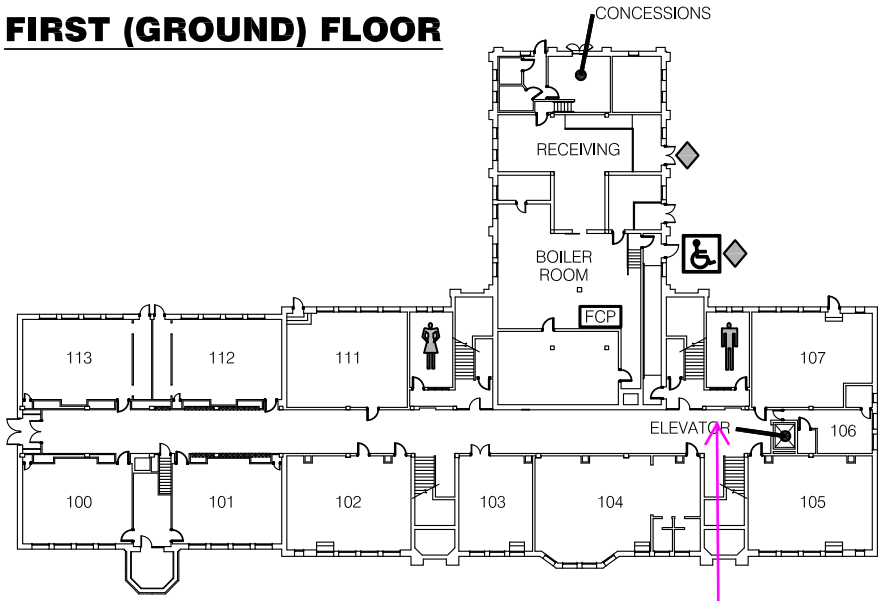
#2 Food Prep Sink

THIRD FLOOR



#3 Drinking Fountain

FIRST (GROUND) FLOOR



#1 Drinking Fountain

2025 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

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402488
Project Name: 64895-01C Defer Elementary School
Purchase Order: 64895-01C

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
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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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024880001	Defer-1P	Grab	D	04/21/2025 08:30	04/29/2025 12:14	Zachary
4024880002	Defer-2P	Grab	D	04/21/2025 08:30	04/29/2025 12:14	Zachary
4024880003	Defer-3P	Grab	D	04/21/2025 08:30	04/29/2025 12:14	Zachary

WORKORDER SUMMARY

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024880001	Date Collected:	04/21/2025 08:30	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.11		mg/L	0.0010		1		1.3	05/01/2025 14:45	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:45	LDP

ANALYTICAL RESULTS

Lab ID:	4024880002	Date Collected:	04/21/2025 08:30	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.023		mg/L	0.0010		1		1.3	05/01/2025 14:52	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:52	LDP

ANALYTICAL RESULTS

Lab ID:	4024880003	Date Collected:	04/21/2025 08:30	Matrix:	Drinking Water, Potable (D)
Sample ID:	Defer-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.19		mg/L	0.0010		1		1.3	05/01/2025 14:53	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:53	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

402488
TEC
Testing Engineers & Consultants

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI 48083
Phone and Fax: 248-588-6200
Email: schandler@tectest.com
Client Job Name / No.: 64845-01C
Job Location: Defer Elementary School
WSSN #: PIN #:
Sampled By: Zachary Lee PO No.: 64845-01C

Remarks:

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	4/21/25		X		Defer - 1P	DW	1	✓	✓	402488-LW1
02	4/21/25		X		Defer - 2P	DW	1	✓	✓	LW2
03	4/21/25		X		Defer - 3P	DW	1	✓	✓	LW3

Tran. #	Released By	Received By	Date	Time
1.			4/29/25	8:30 AM
2.		SDT	4.29.25	12:14

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: cocs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: EGP	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers & Consultants
402476 TEC Testing Engineers & Consultants
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

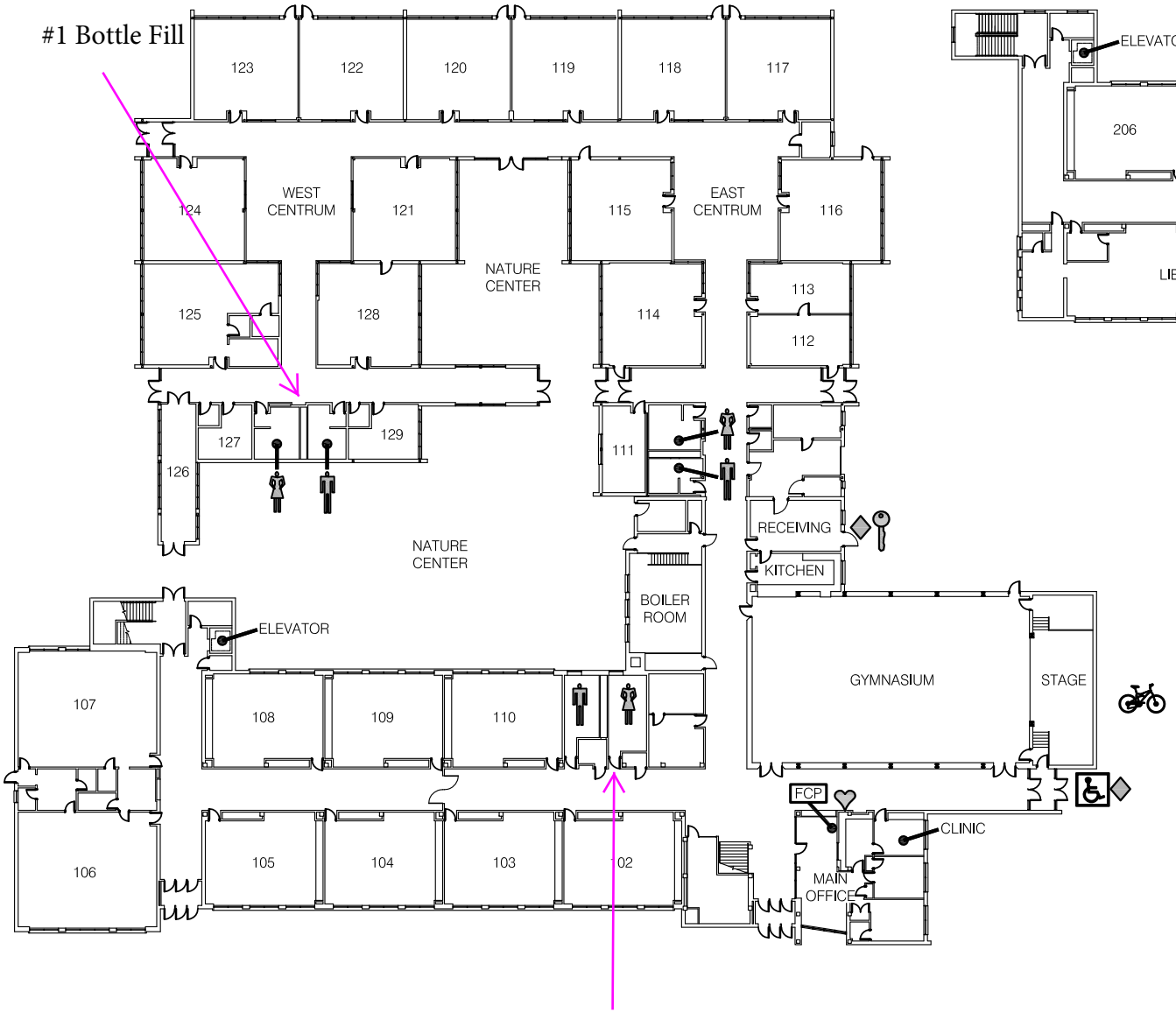
*Refer to REF-N0008A

APPENDIX D

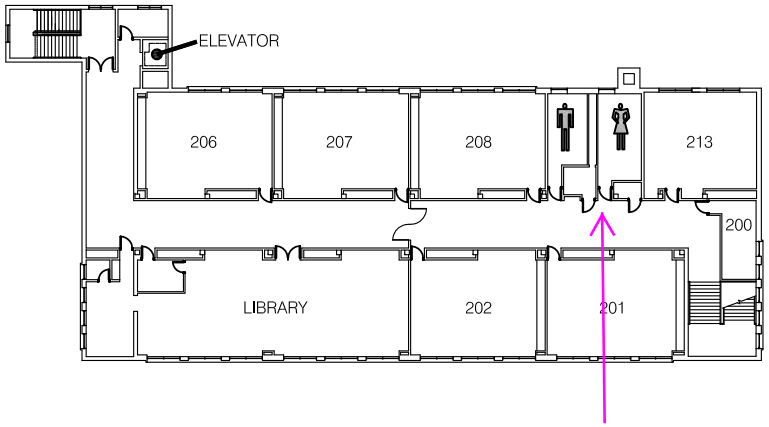
Table One
Drinking Water Test Results
Ferry Elementary School
748 Roslyn Rd, Grosse Pointe Woods, MI 48236
Sampling Date: April 21, 2025

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	0.150
2	1st Floor; Bottle Filling Station across from Rm 102	2P	1st Draw	Lead	<0.0010
				Copper	0.084
3	2nd Floor; Drinking Fountain across from Rm 201	3P	1st Draw	Lead	<0.0010
				Copper	0.200
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

FIRST FLOOR



SECOND FLOOR



#3 Drinking Fountain

Kitchen Sink

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

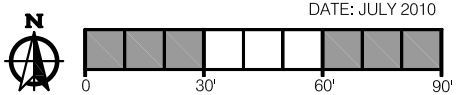
Ferry Elementary School

748 Roslyn
Grosse Pointe Woods, MI 48236
313.432.4100

2025 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010



PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402491
Project Name: 64895-01D Ferry Elementary School
Purchase Order: 64895-01D

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024910001	Ferry-1P	Grab	D	04/21/2025 12:45	04/29/2025 12:14	Zachary
4024910002	Ferry-2P	Grab	D	04/21/2025 12:45	04/29/2025 12:14	Zachary
4024910003	Ferry-3P	Grab	D	04/21/2025 12:45	04/29/2025 12:14	Zachary

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024910001	Date Collected:	04/21/2025 12:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.15		mg/L	0.0010		1		1.3	05/01/2025 15:11	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:11	LDP

ANALYTICAL RESULTS

Lab ID:	4024910002	Date Collected:	04/21/2025 12:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.084		mg/L	0.0010		1		1.3	05/01/2025 15:13	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:13	LDP

ANALYTICAL RESULTS

Lab ID:	4024910003	Date Collected:	04/21/2025 12:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Ferry-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.20		mg/L	0.0010		1		1.3	05/01/2025 15:14	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:14	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

402491 TEC Testing Engineers & Consultants

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI 48083
Phone and Fax: 248-588-6200
Email: schandler@testest.com
Client Job Name / No.: 64895-01D
Job Location: Ferry Elementary School
WSSN #: PIN #:
Sampled By: Zachary Lee PO No.: 64895-01D

Remarks:

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	4/21/25		X		~~Ferry - 1P~~ Ferry - 1P	DW	1	✓	✓	402491-001
02	4/21/25		X		Ferry - 2P	DW	1	✓	✓	002
03	4/21/25		X		Ferry - 3P	DW	1	✓	✓	003

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	12:45 PM
2.		507	4.29.25	12:14

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: cocs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: EGA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

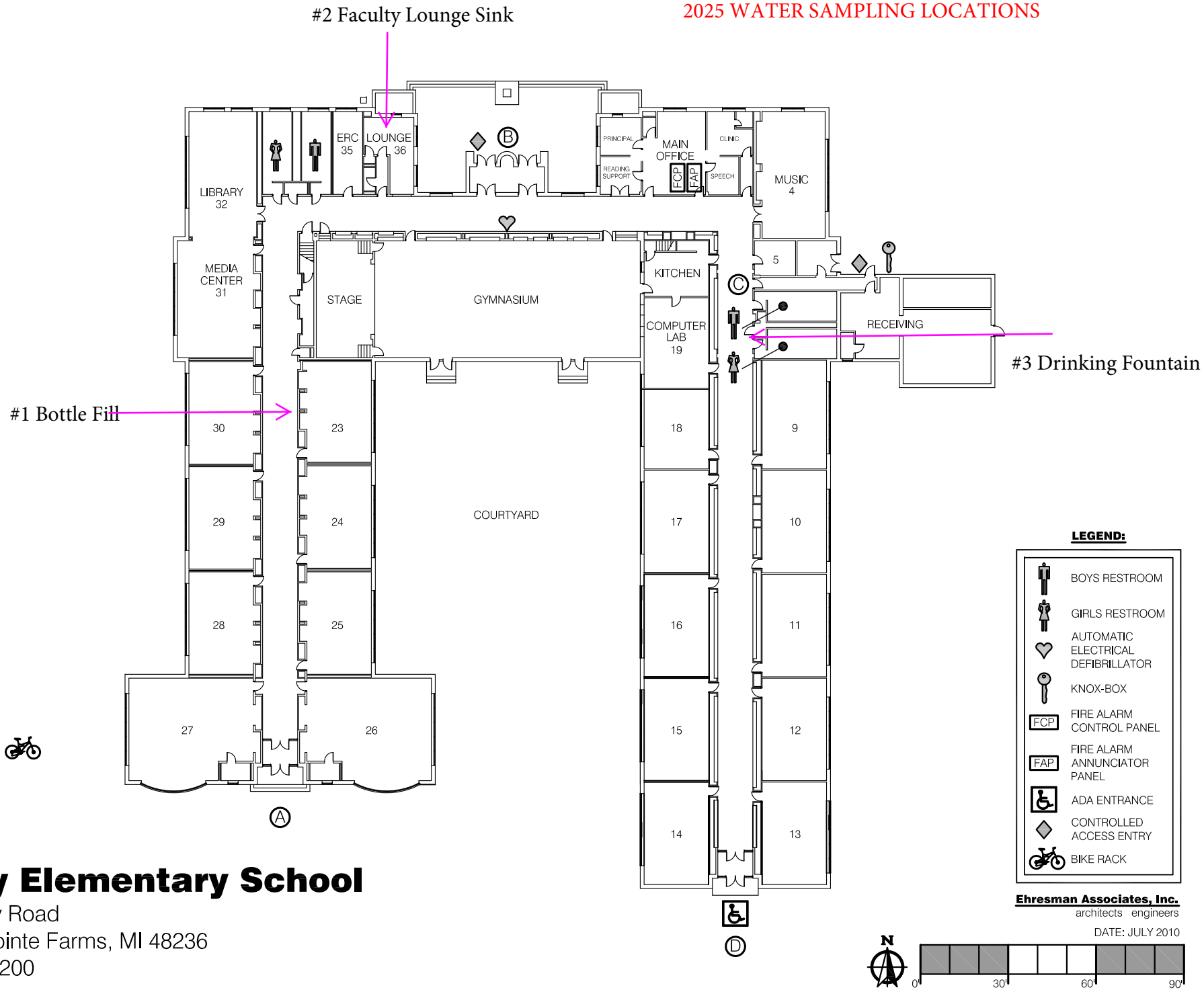
*Refer to REF-N0008A

APPENDIX E

Table One
Drinking Water Test Results
Kerby Elementary School
285 Kerby Rd, Grosse Pointe, MI 48236
Sampling Date: April 21, 2025

Location	Description	Cust.Sample ID	Type	Cmp	Result
1	1st Floor; Bottle Filling Station outside Rm 23	1P	1st Draw	Lead	<0.0010
				Copper	0.082
2	1st Floor; Faculty Lounge Sink; Cold	2P	1st Draw	Lead	<0.0010
				Copper	0.032
3	1st Floor; Drinking Fountain across from Room 19	3P	1st Draw	Lead	<0.0010
				Copper	0.075
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

2025 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

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402479
Project Name: 64895-01E Kerby Elementary School
Purchase Order: 64895-01E

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024790001	Kerby-1P	Grab	D	04/21/2025 10:15	04/29/2025 12:14	Zackery
4024790002	Kerby-2P	Grab	D	04/21/2025 10:15	04/29/2025 12:14	Zackery
4024790003	Kerby-3P	Grab	D	04/21/2025 10:15	04/29/2025 12:14	Zackery

WORKORDER SUMMARY

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024790001	Date Collected:	04/21/2025 10:15	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby-1P	Date Received:	04/29/2025 12:14	Collector:	Zackery
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.082		mg/L	0.0010		1		1.3	05/01/2025 13:57	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:57	LDP

ANALYTICAL RESULTS

Lab ID:	4024790002	Date Collected:	04/21/2025 10:15	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby-2P	Date Received:	04/29/2025 12:14	Collector:	Zackery
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.032		mg/L	0.0010		1		1.3	05/01/2025 13:59	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:59	LDP

ANALYTICAL RESULTS

Lab ID:	4024790003	Date Collected:	04/21/2025 10:15	Matrix:	Drinking Water, Potable (D)
Sample ID:	Kerby-3P	Date Received:	04/29/2025 12:14	Collector:	Zackery
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.075		mg/L	0.0010		1		1.3	05/01/2025 14:00	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:00	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 ___

402479

TEC Testing Engineers & Consultants

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd.
City, State, Zip:	Troy, MI 48083
Phone and Fax:	248-588-6200
Email:	schandler@tectest.com
Client Job Name / No.:	64895-01E
Job Location:	Kerby Elementary School
WSSN #:	PIN #:
Sampled By:	Zachary Lee
PO No.:	64895-01E

Remarks:

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	4/21/25		X		Kerby-1P	DW	1	✓	✓	402479-001
02	4/21/25		X		Kerby-2P	DW	1	✓	✓	002
03	4/21/25		X		Kerby-3P	DW	1	✓	✓	003

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	10:15 AM
2.		SDT	4.29.25	12:14

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: COCs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: EGA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers & Consultants
402476 TEC Testing Engineers & Consultants
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

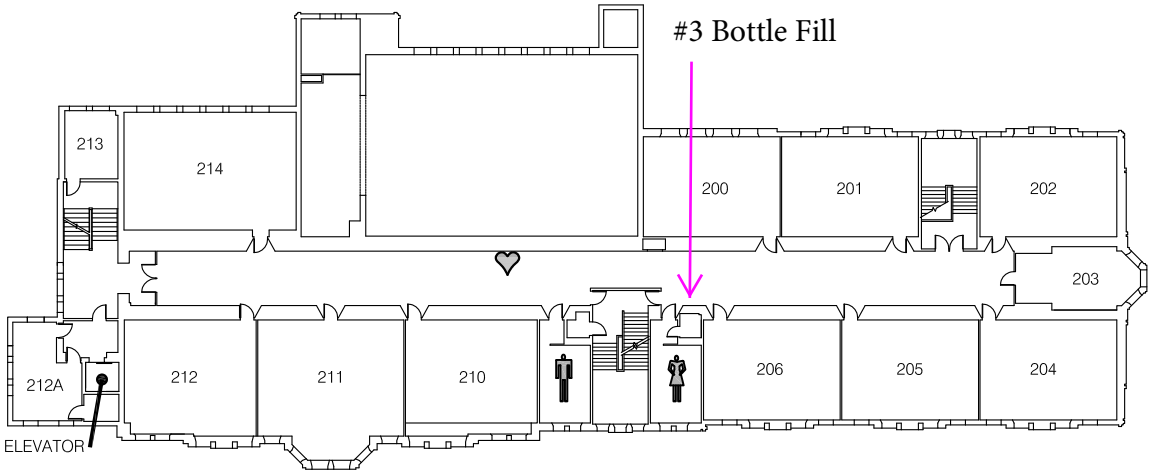
*Refer to REF-N0008A

APPENDIX F

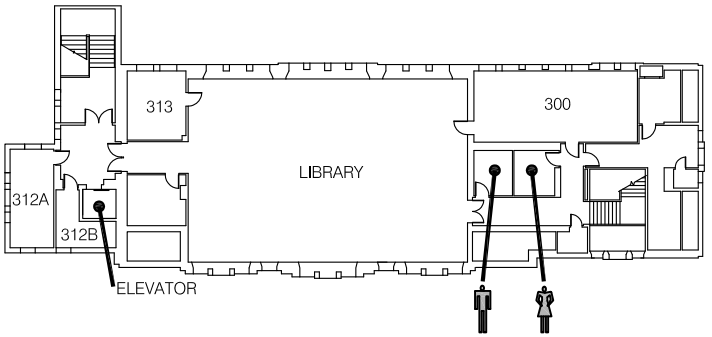
Table One
Drinking Water Test Results
Maire Elementary School
740 Cadieux Rd, Grosse Pointe, MI 48230
Sampling Date: April 21, 2025

Location	Description	Cust.Sample ID	Type	Cmp	Result
1	1st Floor; Bottle Filling Station across from Gymnasium	1P	1st Draw	Lead	<0.0010
				Copper	0.057
2	1st Floor; Kitchen Sink; cold	2P	1st Draw	Lead	<0.0010
				Copper	0.0022
3	2nd Floor; Bottle Filling Station across from Rm 200	3P	1st Draw	Lead	<0.0010
				Copper	0.070
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

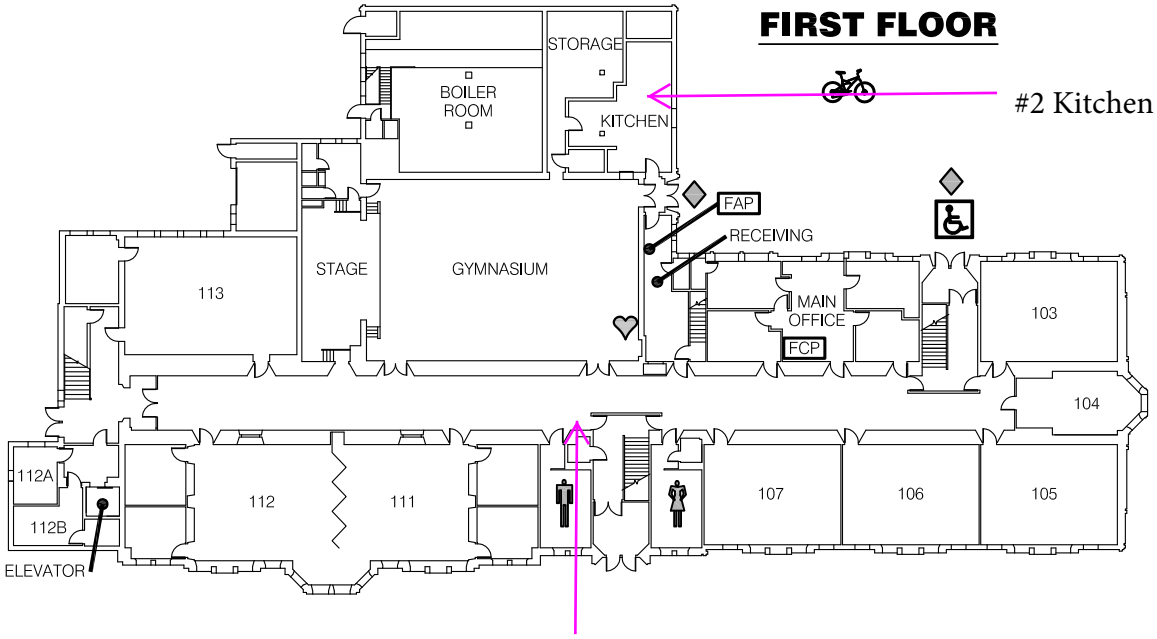
SECOND FLOOR



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

2025 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402489
Project Name: 64895-01F Maire Elementary School
Purchase Order: 64895-01F

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024890001	Maire-1P	Grab	D	04/21/2025 08:50	04/29/2025 12:14	Zachary
4024890002	Maire-2P	Grab	D	04/21/2025 08:50	04/29/2025 12:14	Zachary
4024890003	Maire-3P	Grab	D	04/21/2025 08:50	04/29/2025 12:14	Zachary

WORKORDER SUMMARY

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

Analysis Results Narrative

4024890001 - Maire-1P - Copper, Total

The MS and/or MSD recovery for this analyte was above the upper control limit.

ANALYTICAL RESULTS

Lab ID:	4024890001	Date Collected:	04/21/2025 08:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.057	*	mg/L	0.0010		1		1.3	05/01/2025 14:54	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:54	LDP

ANALYTICAL RESULTS

Lab ID:	4024890002	Date Collected:	04/21/2025 08:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.0022		mg/L	0.0010		1		1.3	05/01/2025 14:59	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:59	LDP

ANALYTICAL RESULTS

Lab ID:	4024890003	Date Collected:	04/21/2025 08:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	Maire-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.070		mg/L	0.0010		1		1.3	05/01/2025 15:00	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:00	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

402489 TEC Testing Engineers & Consultants

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd
City, State, Zip:	Troy, MI 48083
Phone and Fax:	248-588-6200
Email:	schandler@tecteet.com
Client Job Name / No.:	64895-01F
Job Location:	Maire Elementary School
WSSN #:	PIN #:
Sampled By:	Zachary Lee
PO No.:	64895-01F

Remarks:

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	4/21/25		X		Maire - 1P	DW	1	✓	✓	402489-01
02	4/21/25		X		Maire - 2P	DW	1	✓	✓	02
03	4/21/25		X		Maire - 3P	DW	1	✓	✓	03

Tran. #	Released By	Received By	Date	Time
1.			4/29/25	8:50 AM
2.		SDT	4.29.25	12:14

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: cocs missing collection times. client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers & Consultants
402476 TEC Testing Engineers & Consultants
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

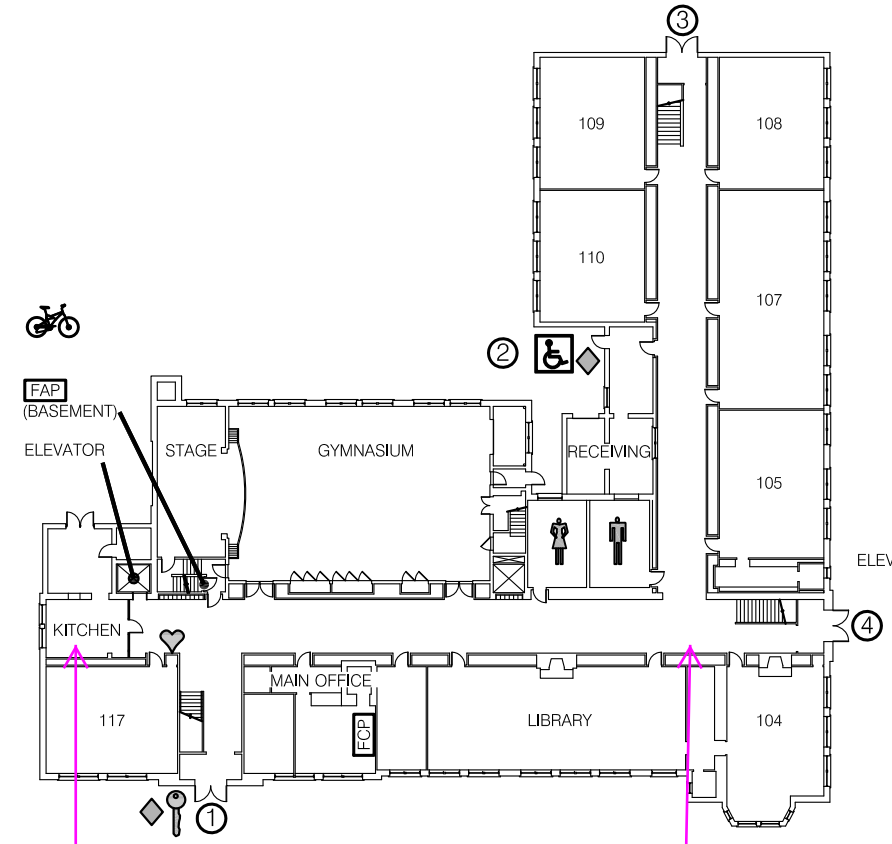
*Refer to REF-N0008A

APPENDIX G

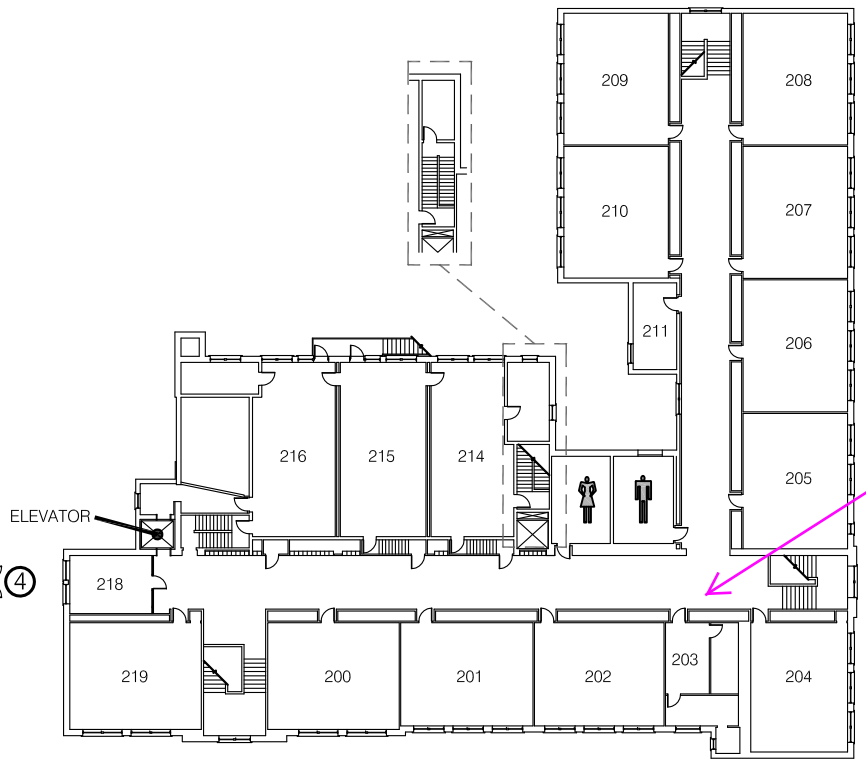
Table One
Drinking Water Test Results
Mason Elementary School
1640 Vernier Rd, Grosse Pointe, MI 48236
Sampling Date: April 21, 2025

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	0.14
2	1st Floor; Kitchen; Kitchen Sink; cold	2P	1st Draw	Lead	<0.0010
				Copper	0.010
3	2nd Floor; Bottle Filling Station outside Rm 203	3P	1st Draw	Lead	<0.0010
				Copper	0.12
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

2025 WATER SAMPLING LOCATIONS



FIRST FLOOR



SECOND FLOOR

#3 Bottle Fill

#1 Bottle Fill

#2 Kitchen Sink

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

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402484
Project Name: 64895-01G Mason Elementary School
Purchase Order: 64895-01G

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024840001	Mason-1P	Grab	D	04/21/2025 12:25	04/29/2025 12:14	Zachary
4024840002	Mason-2P	Grab	D	04/21/2025 12:25	04/29/2025 12:14	Zachary
4024840003	Mason-3P	Grab	D	04/21/2025 12:25	04/29/2025 12:14	Zachary

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

Analysis Results Narrative

4024840003 - Mason-3P - 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:	4024840001	Date Collected:	04/21/2025 12:25	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.14		mg/L	0.0010		1		1.3	05/01/2025 14:23	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:23	LDP

ANALYTICAL RESULTS

Lab ID:	4024840002	Date Collected:	04/21/2025 12:25	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.010		mg/L	0.0010		1		1.3	05/01/2025 14:25	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:25	LDP

ANALYTICAL RESULTS

Lab ID:	4024840003	Date Collected:	04/21/2025 12:25	Matrix:	Drinking Water, Potable (D)
Sample ID:	Mason-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.12	*	mg/L	0.0010		1		1.3	05/01/2025 14:32	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:32	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

402484 TEC Testing Engineers & Consultants

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd.
City, State, Zip:	Troy, MI 48083
Phone and Fax:	248-588-6200
Email:	schandler@tectest.com
Client Job Name / No.:	64895-01G
Job Location:	Mason Elementary School
WSSN #:	PIN #:
Sampled By:	Zachary Lee
PO No.:	64895-01G

Remarks:

Regulatory Requirements		Turnaround Requirements		Matrix Key		
RCRA	☐	1 Day (RUSH)	☐	DW = Drinking Water	WW = Wastewater	
NPDES	☐	2 Day (RUSH)	☐	W = Water	D = Diesel	BD = Biodiesel
Drinking Water	☒	3 Day (RUSH)	☐	G = Gasoline	E8 = E85	O = Oil
Other:		5 Day (STANDARD)	☒	SL = Sludge	S = Soil	X = Other
		Other:				

ANALYSIS REQUESTED

Item No.	Date Taken	Time Taken	Grab	Comp	Client Sample ID	Matrix	No. of containers	Lead	Copper	PARAGON SAMPLE NO.
01	4/21/25		X		Mason - 1P	DW	1	✓	✓	402484-W1
02	4/21/25		X		Mason - 2P	DW	1	✓	✓	W2
03	4/21/25		X		Mason - 3P	DW	1	✓	✓	W3

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	12:25 PM
2.		SDT	4.29.25	12:M

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: cocs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers
402476 TEC Testing Engineers
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

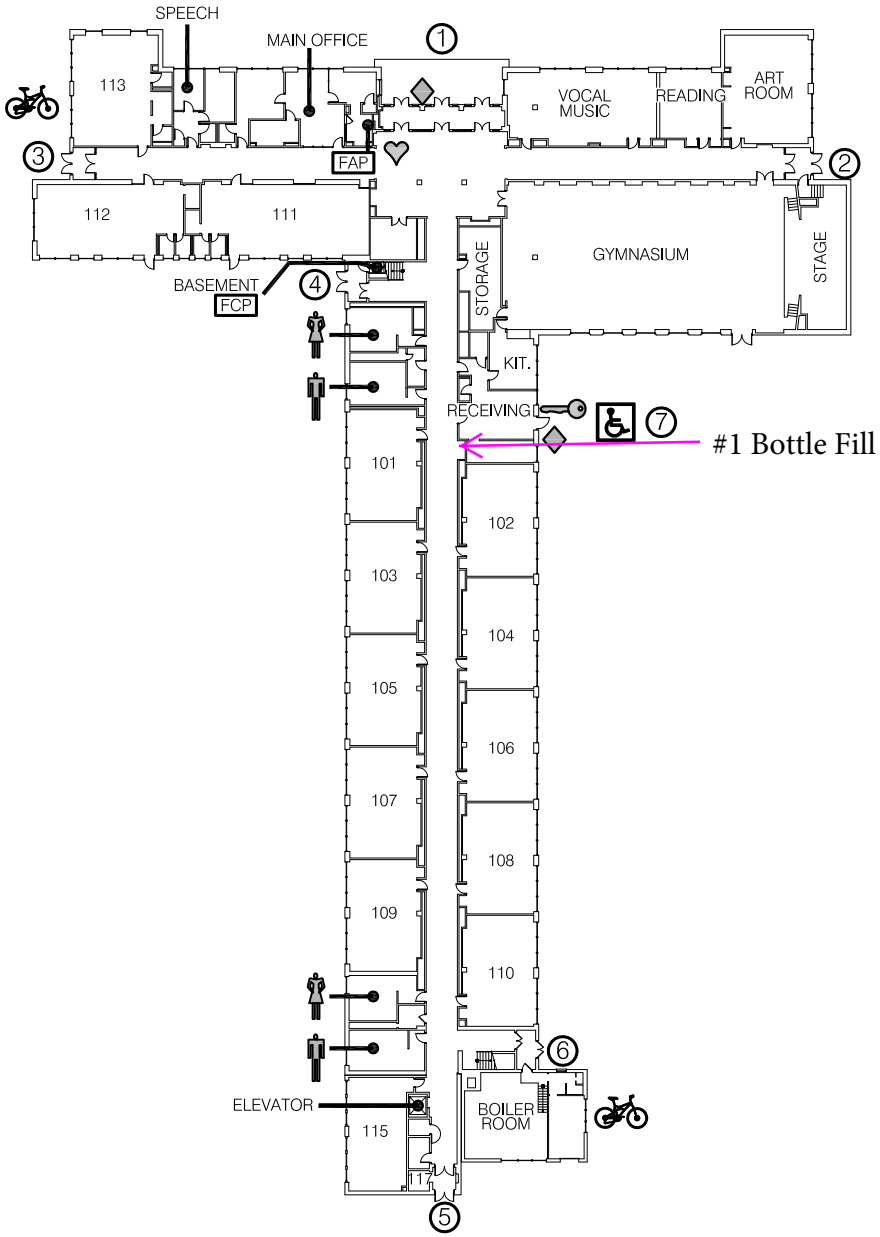
*Refer to REF-N0008A

APPENDIX H

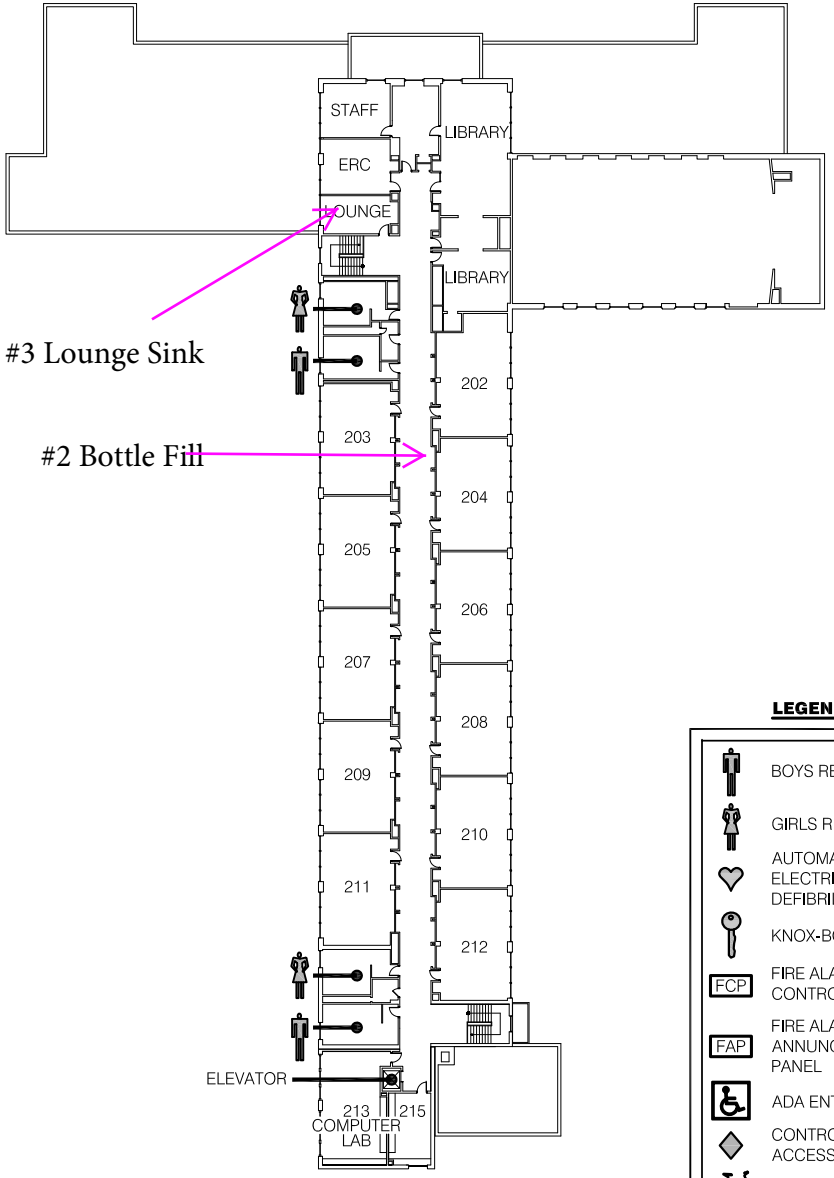
Table One
Drinking Water Test Results
Monteith Elementary School
1275 Cook Rd, Grosse Pointe Woods, MI 48236
Sampling Date: April 21, 2025

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station across from Rm 101	1P	1st draw	Lead	<0.0010
				Copper	0.051
2	2nd Floor; Bottle Filling Station outside Rm 202	2P	1st draw	Lead	<0.0010
				Copper	0.072
3	2nd Floor; Faculty Lounge; Sink; cold	3P	1st draw	Lead	<0.0010
				Copper	0.051
			Regulatory Limit	Lead	0.012 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

2025 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402481
Project Name: 64895-01H Monteith Elementary School
Purchase Order: 64895-01H

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024810001	Monteith-1P	Grab	D	04/21/2025 11:00	04/29/2025 12:14	Zachary
4024810002	Monteith-2P	Grab	D	04/21/2025 11:00	04/29/2025 12:14	Zachary
4024810003	Monteith-3P	Grab	D	04/21/2025 11:00	04/29/2025 12:14	Zachary

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024810001	Date Collected:	04/21/2025 11:00	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.051		mg/L	0.0010		1		1.3	05/01/2025 14:10	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:10	LDP

ANALYTICAL RESULTS

Lab ID:	4024810002	Date Collected:	04/21/2025 11:00	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.072		mg/L	0.0010		1		1.3	05/01/2025 14:15	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:15	LDP

ANALYTICAL RESULTS

Lab ID:	4024810003	Date Collected:	04/21/2025 11:00	Matrix:	Drinking Water, Potable (D)
Sample ID:	Monteith-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.051		mg/L	0.0010		1		1.3	05/01/2025 14:16	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:16	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

402481
TEC
Testing Engineers & Consultants

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 - 588 - 6200
Email:	Schandler@tectest.com
Client Job Name / No.:	64895-01H
Job Location:	Monteith Elementary School
WSSN #:	PIN #:
Sampled By:	Zachary Lee
PO No.:	64895-01H

Remarks:

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	4/21/25		X		Monteith - 1P	DW	1	✓	✓	402481-W1
02	4/21/25		X		Monteith - 2P	DW	1	✓	✓	W2
03	4/21/25		X		Monteith - 3P	DW	1	✓	✓	W3

Tran. #	Released By	Received By	Date	Time
1.	Zachary Lee		4-29-25	11:00 AM
2.	RBoothe	SOT	4.29.25	12:14

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: cocs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers
402476 TEC Testing Engineers
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

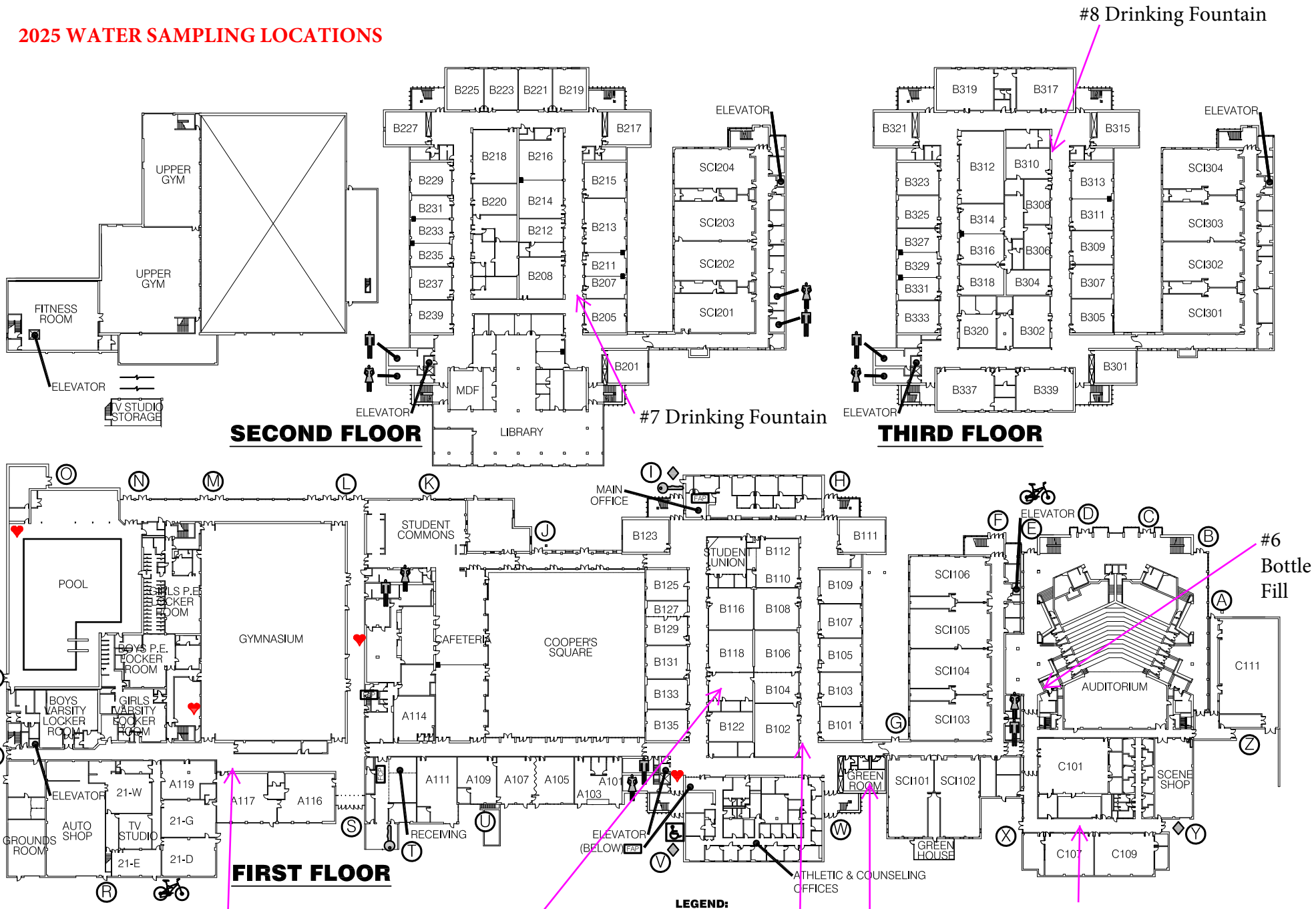
*Refer to REF-N0008A

APPENDIX I

Table One
Drinking Water Test Results
Grosse Pointe North High School
707 Vernier Rd, Grosse Pointe Woods, MI 48236
Sampling Date: April 21, 2025

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	0.031
2	1st Floor; Board Room/Break Room Sink across from Rm 131	2P	1st draw	Lead	<0.0010
				Copper	0.23
3	1st Floor; Bottle Filling Station outside Rm B102	3P	1st draw	Lead	<0.0010
				Copper	0.21
4	1st Floor; Green Room; Sink; Cold	4P	1st draw	Lead	0.0022
				Copper	0.089
5	1st Floor; Bottle Filling Station across from Rm C107	5P	1st draw	Lead	<0.0010
				Copper	0.12
6	1st Floor; Bottle Filling Station outside Auditorium	6P	1st draw	Lead	<0.0010
				Copper	0.52
7	2nd Floor; Drinking Fountain outside Rm B205	7P	1st draw	Lead	<0.0010
				Copper	0.29
8	3rd Floor; Bottle Filling Station outside Rm B310	8P	1st draw	Lead	0.0014
				Copper	0.32
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

2025 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

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402492
Project Name: 64895-01J Grosse Pointe North High School
Purchase Order: 64895-01J

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024920001	North HS-1P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary
4024920002	North HS-2P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary
4024920003	North HS-3P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary
4024920004	North HS-4P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary
4024920005	North HS-5P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary
4024920006	North HS-6P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary
4024920007	North HS-7P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary
4024920008	North HS-8P	Grab	D	04/21/2025 13:35	04/29/2025 12:14	Zachary

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

Analysis Results Narrative

4024920002 - North HS-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:	4024920001	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.031		mg/L	0.0010		1		1.3	05/01/2025 15:16	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:16	LDP

ANALYTICAL RESULTS

Lab ID:	4024920002	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.23	*	mg/L	0.0010		1		1.3	05/01/2025 15:17	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:17	LDP

ANALYTICAL RESULTS

Lab ID:	4024920003	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.21		mg/L	0.0010		1		1.3	05/01/2025 15:21	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:21	LDP

ANALYTICAL RESULTS

Lab ID:	4024920004	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-4P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.089		mg/L	0.0010		1		1.3	05/01/2025 15:23	LDP
Lead, Total	0.0022		mg/L	0.0010		1		0.012	05/01/2025 15:23	LDP

ANALYTICAL RESULTS

Lab ID:	4024920005	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-5P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.12		mg/L	0.0010		1		1.3	05/01/2025 15:24	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:24	LDP

ANALYTICAL RESULTS

Lab ID:	4024920006	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-6P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.52		mg/L	0.0010		1		1.3	05/01/2025 15:30	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:30	LDP

ANALYTICAL RESULTS

Lab ID:	4024920007	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-7P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.29		mg/L	0.0010		1		1.3	05/01/2025 15:32	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:32	LDP

ANALYTICAL RESULTS

Lab ID:	4024920008	Date Collected:	04/21/2025 13:35	Matrix:	Drinking Water, Potable (D)
Sample ID:	North HS-8P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.32		mg/L	0.0010		1		1.3	05/01/2025 15:33	LDP
Lead, Total	0.0014		mg/L	0.0010		1		0.012	05/01/2025 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

402492 TEC
Testing Engineers & Consultants

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd.
City, State, Zip: Troy, MI 48083
Phone and Fax: 248-588-6200
Email: schandler@tectest.com
Client Job Name / No.: 64895-01J
Job Location: Grosse Pointe North High School
WSSN #: PIN #:
Sampled By: Zachary Lee PO No.: 64895-01J

Remarks:

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	4/21/25		X		North HS - 1P	DW	1	✓	✓	402492-001
02	4/21/25		X		North HS - 2P	DW	1	✓	✓	002
03	4/21/25		X		North HS - 3P	DW	1	✓	✓	003
04	4/21/25		X		North HS - 4P	DW	1	✓	✓	004
05	4/21/25		X		North HS - 5P	DW	1	✓	✓	005
06	4/21/25		X		North HS - 6P	DW	1	✓	✓	006
07	4/21/25		X		North HS - 7P	DW	1	✓	✓	007
08	4/21/25		X		North HS - 8P	DW	1	✓	✓	008

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	1:35 PM
2.		SOT	4.29.25	12:14

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: COCs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

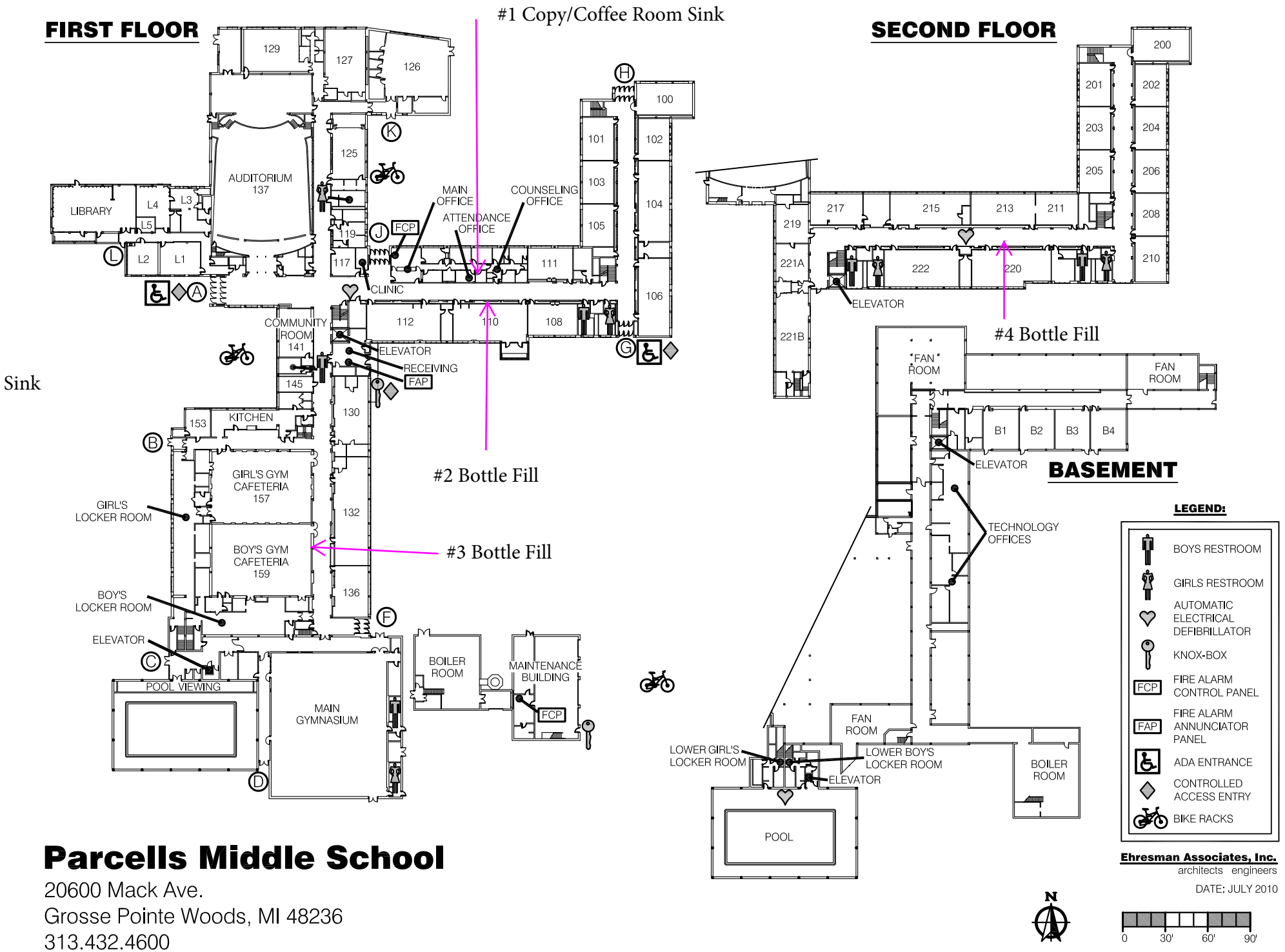
		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

*Refer to REF-N0008A

APPENDIX J

Table One
Drinking Water Test Results
Parcells Middle School
20600 Mack Ave, Grosse Pointe Woods, MI 48236
Sampling Date: Sampling Date: April 21, 2025

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Copy/Coffee Rm Sink; cold	1P	1st draw	Lead	0.0043
				Copper	0.030
2	1st Floor; Bottle Filling Station outside Rm 110	2P	1st draw	Lead	<0.0010
				Copper	0.079
3	1st Floor; Bottle Filling Station outside Boy's Gym (Room 159)	3P	1st draw	Lead	<0.0010
				Copper	0.11
4	2nd Floor; Bottle Filling Station outside Rm 220	4P	1st draw	Lead	<0.0010
				Copper	0.12
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L



Parcells Middle School

20600 Mack Ave.
Grosse Pointe Woods, MI 48236
313.432.4600

2025 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers
DATE: JULY 2010

PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402482
Project Name: 64895-01K Parcells Middle School
Purchase Order: 64895-01K

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024820001	Parcells-1P	Grab	D	04/21/2025 12:10	04/29/2025 12:14	Zachary
4024820002	Parcells-2P	Grab	D	04/21/2025 12:10	04/29/2025 12:14	Zachary
4024820003	Parcells-3P	Grab	D	04/21/2025 12:10	04/29/2025 12:14	Zachary
4024820004	Parcells-4P	Grab	D	04/21/2025 12:10	04/29/2025 12:14	Zachary

WORKORDER SUMMARY

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024820001	Date Collected:	04/21/2025 12:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.030		mg/L	0.0010		1		1.3	05/01/2025 14:17	LDP
Lead, Total	0.0043		mg/L	0.0010		1		0.012	05/01/2025 14:17	LDP

ANALYTICAL RESULTS

Lab ID:	4024820002	Date Collected:	04/21/2025 12:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.079		mg/L	0.0010		1		1.3	05/01/2025 14:19	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:19	LDP

ANALYTICAL RESULTS

Lab ID:	4024820003	Date Collected:	04/21/2025 12:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.11		mg/L	0.0010		1		1.3	05/01/2025 14:20	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:20	LDP

ANALYTICAL RESULTS

Lab ID:	4024820004	Date Collected:	04/21/2025 12:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Parcells-4P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.12		mg/L	0.0010		1		1.3	05/01/2025 14:22	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:22	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

402482 TEC
Testing Engineers & Consultants

Client Name: Testing Engineers & Consultants, Inc
Contact Person: Scott Chandler
Mailing Address: 1343 Rochester Rd
City, State, Zip: Troy, MI 48083
Phone and Fax: 248-588-6200
Email: schandler@tectest.com
Client Job Name / No.: 64895-01K
Job Location: Parcells Middle School
WSSN #: PIN #:
Sampled By: Zachary Lee PO No.: 64895-01K

Remarks:

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	4/21/25		X		~~Parcells - 1P~~ Parcells - 1P	DW	1	✓	✓	402482-01
02	4/21/25		X		Parcells - 2P	DW	1	✓	✓	02
03	4/21/25		X		Parcells - 3P	DW	1	✓	✓	03
04	4/21/25		X		Parcells - 4P	DW	1	✓	✓	04

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	12:10 PM
2.		FDT	4.29.25	12:14
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: COCs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402488
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

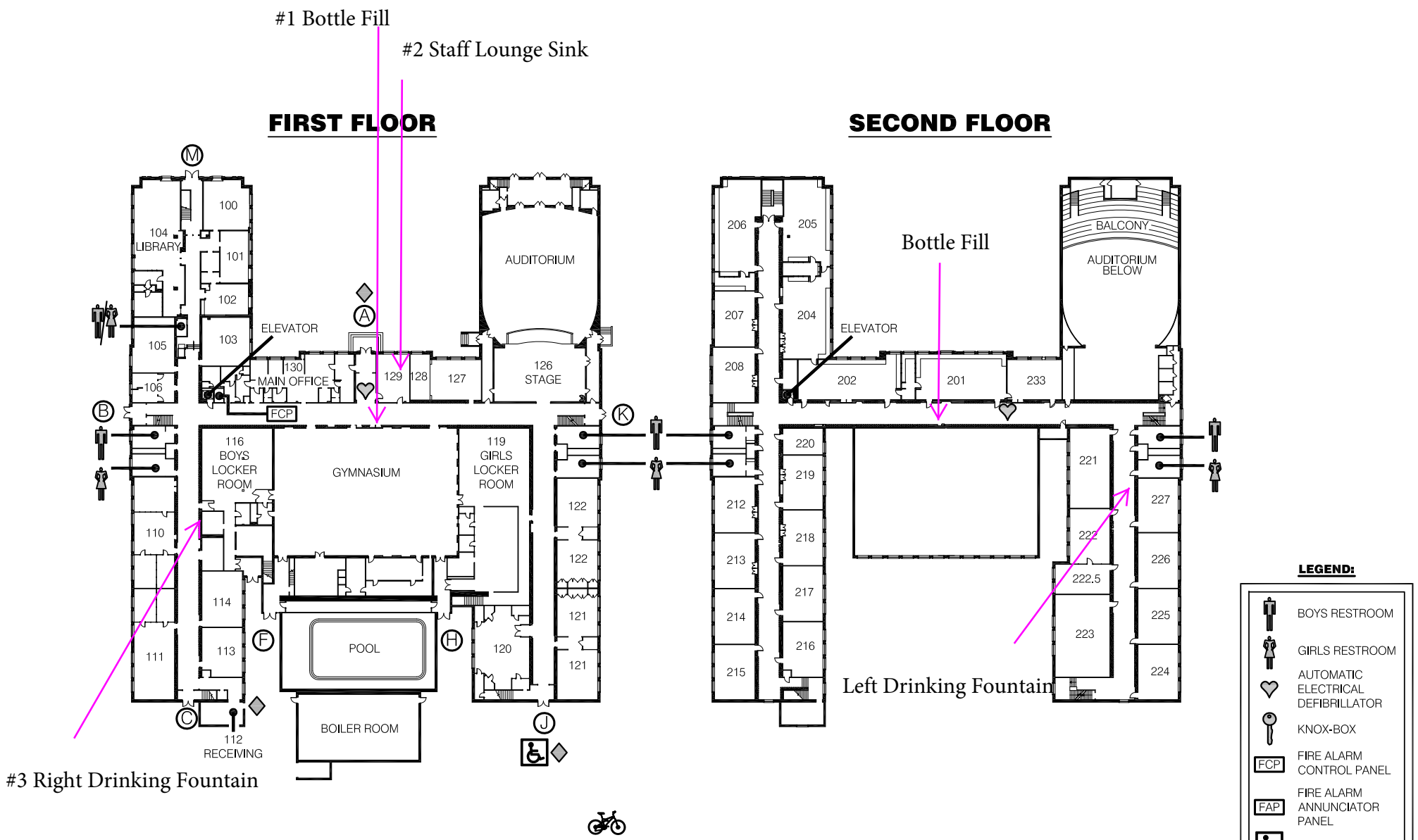
402472 TEC Testing Engineers & Consultants
402476 TEC Testing Engineers & Consultants
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

*Refer to REF-N0008A

APPENDIX K

Table One
Drinking Water Test Results
Pierce Middle School
15430 Kercheval Ave, Grosse Pointe, MI 48230
Sampling Date: April 21, 2025

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	0.17
2	1st Floor; Staff Lounge; Sink; Cold	2P	1st draw	Lead	<0.0010
				Copper	0.057
3	2nd Floor; Bottle Filling Station across from Rm 201	3P	1st draw	Lead	<0.0010
				Copper	0.14
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L



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

Pierce Middle School

15430 Kercheval
Grosse Pointe Park, MI 48230
313.432.4700

2025 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402487
Project Name: 64895-01L Pierce Middle School
Purchase Order: 64895-01L

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024870001	Pierce-1P	Grab	D	04/21/2025 08:10	04/29/2025 12:14	Zachary
4024870002	Pierce-2P	Grab	D	04/21/2025 08:10	04/29/2025 12:14	Zachary
4024870003	Pierce-3P	Grab	D	04/21/2025 08:10	04/29/2025 12:14	Zachary

WORKORDER SUMMARY

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024870001	Date Collected:	04/21/2025 08:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.17		mg/L	0.0010		1		1.3	05/01/2025 14:41	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:41	LDP

ANALYTICAL RESULTS

Lab ID:	4024870002	Date Collected:	04/21/2025 08:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.057		mg/L	0.0010		1		1.3	05/01/2025 14:42	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:42	LDP

ANALYTICAL RESULTS

Lab ID:	4024870003	Date Collected:	04/21/2025 08:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Pierce-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.14		mg/L	0.0010		1		1.3	05/01/2025 14:44	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:44	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

Page ___ of ___

402487 TEC Testing Engineers & Consultants

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd.
City, State, Zip:	Troy, MI 48083
Phone and Fax:	248-588-6200
Email:	schandler@tectest.com
Client Job Name / No.:	64895-01L
Job Location:	Pierce Middle School
WSSN #:	PIN #:
Sampled By:	Zachary Hive
PO No.:	64895-01L

Remarks:

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	4/21/25		X		Pierce - 1P	DW	1	✓	✓	402487-001
02	4/21/25		X		Pierce - 2P	DW	1	✓	✓	002
03	4/21/25		X		Pierce - 3P	DW	1	✓	✓	003

Tran. #	Released By	Received By	Date	Time
1.			4/29/25	8:10 AM
2.	RBooth	SOT	4.29.25	12:14

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

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: cocs missing collection times. client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: EGA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers
402476 TEC Testing Engineers
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

*Refer to REF-N0008A

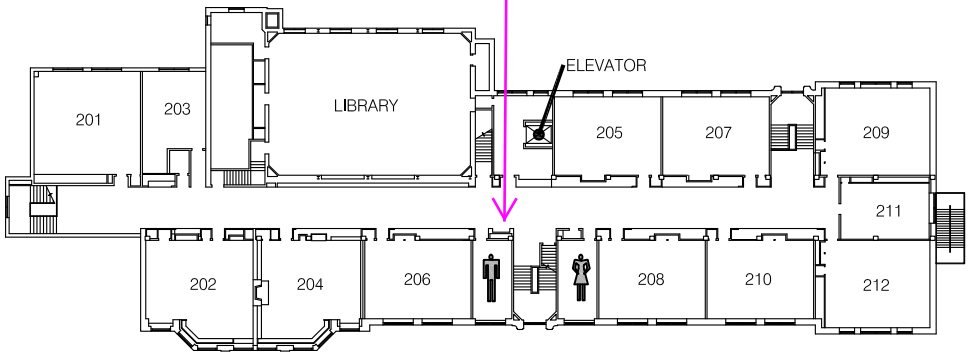
APPENDIX L

Table One
Drinking Water Test Results
Richard Elementary School
176 McKinley, Grosse Pointe Farms, MI 48236
Sampling Date: April 21, 2025

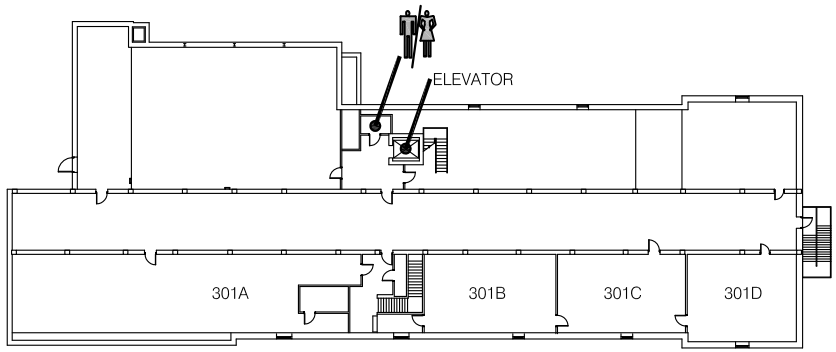
Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Left Drinking Fountain outside Girls Restroom	1P	1st draw	Lead	<0.0010
				Copper	0.0067
2	1st Floor; Kitchen Area; Kitchen Sink; cold	2P	1st draw	Lead	<0.0010
				Copper	0.063
3	2nd Floor; Bottle Filling Station adjacent to Room 206	3P	1st draw	Lead	<0.0010
				Copper	0.012
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

SECOND FLOOR

#3 Bottle Fill



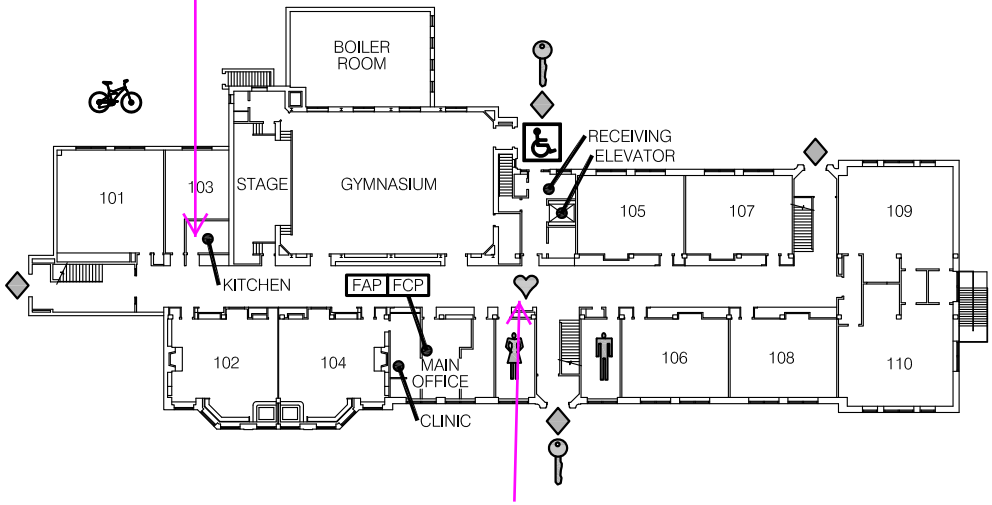
THIRD FLOOR



#2 Kitchen Sink

Bottle Fill

FIRST FLOOR



#1 Left Drinking Fountain

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

2025 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402490
Project Name: 64895-01N Richard Elementary School
Purchase Order: 64895-01N

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024900001	Richard-1P	Grab	D	04/21/2025 09:10	04/29/2025 12:14	Zachary
4024900002	Richard-2P	Grab	D	04/21/2025 09:10	04/29/2025 12:14	Zachary
4024900003	Richard-3P	Grab	D	04/21/2025 09:10	04/29/2025 12:14	Zachary

WORKORDER SUMMARY

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024900001	Date Collected:	04/21/2025 09:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Richard-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.0067		mg/L	0.0010		1		1.3	05/01/2025 15:02	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:02	LDP

ANALYTICAL RESULTS

Lab ID:	4024900002	Date Collected:	04/21/2025 09:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Richard-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.063		mg/L	0.0010		1		1.3	05/01/2025 15:03	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:03	LDP

ANALYTICAL RESULTS

Lab ID:	4024900003	Date Collected:	04/21/2025 09:10	Matrix:	Drinking Water, Potable (D)
Sample ID:	Richard-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.012		mg/L	0.0010		1		1.3	05/01/2025 15:05	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 15:05	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

402490
TEC
Testing Engineers & Consultants

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd.
City, State, Zip:	Troy, MI 48083
Phone and Fax:	248-588-6200
Email:	schandler@tectest.com
Client Job Name / No.:	64895-01N
Job Location:	Richard Elementary School
WSSN #:	PIN #:
Sampled By:	Zachary Live
PO No.:	64895-01N

Remarks:

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	4/21/25		X		Richard -1P	DW	1	✓	✓	402490-001
02	4/21/25		X		Richard -2P	DW	1	✓	✓	002
03	4/21/25		X		Richard -3P	DW	1	✓	✓	003

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	9:10 AM
2.		SDT	4.29.25	12:14
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: COCs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 113194	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: EGM	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

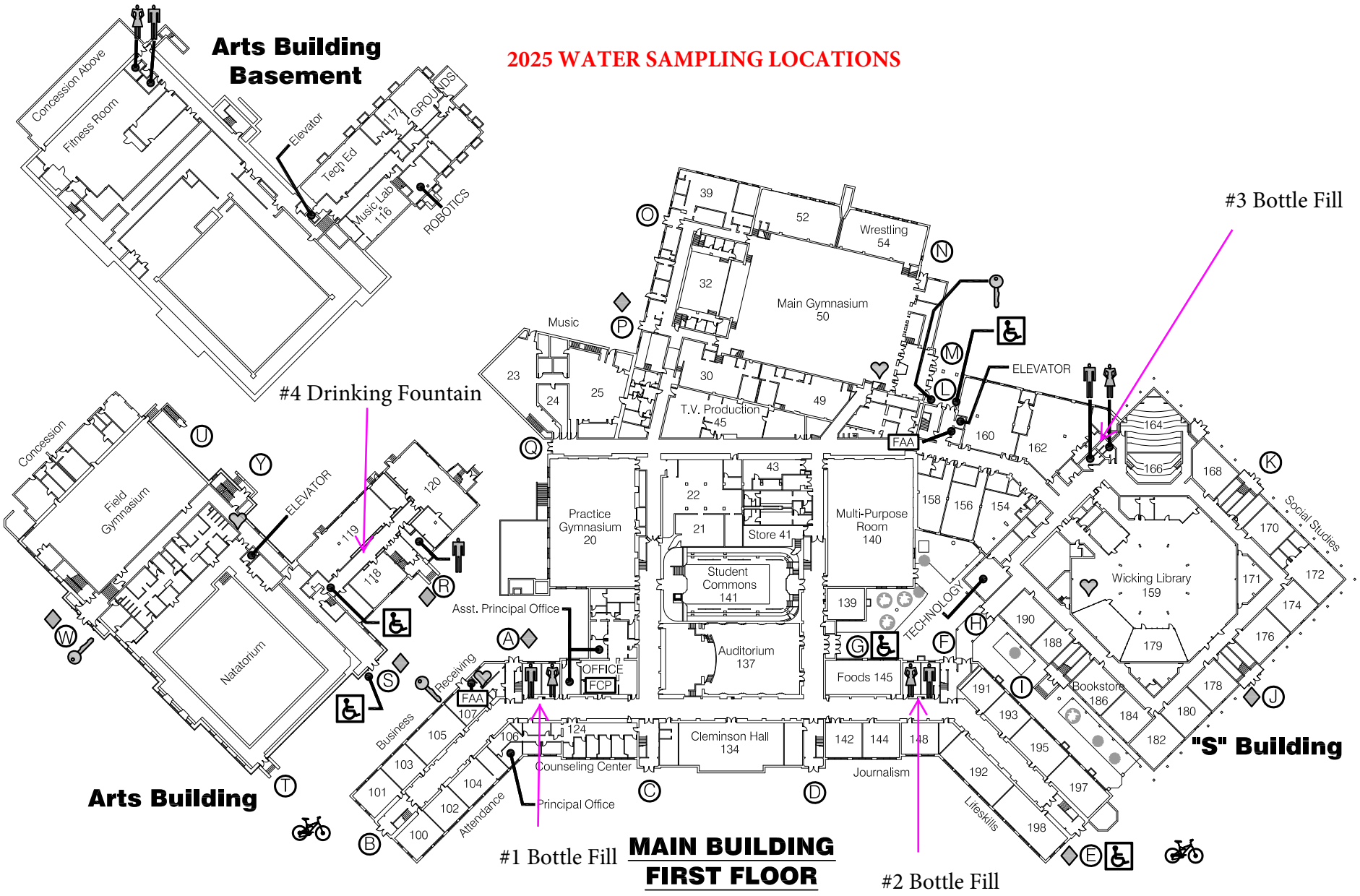
402472 TEC Testing Engineers
402476 TEC Testing Engineers
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers
402492 TEC Testing Engineers & Consultants

*Refer to REF-N0008A

APPENDIX M

Table One
Drinking Water Test Results
Grosse Pointe South High School
11 Grosse Pointe Blvd, Grosse Pointe Farms, MI 48236
Sampling Date: April 21,m 2025

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Bottle Filling Station across from Counseling Cntr	1P	1st Draw	Lead	<0.0010
				Copper	0.029
2	1st Floor; Bottle Filling Station across from Room 148	2P	1st Draw	Lead	<0.0010
				Copper	0.055
3	1st Floor; Drinking Fountain adjacent to Rm 166	3P	1st Draw	Lead	<0.0010
				Copper	0.019
4	1st Floor; Drinking Fountain outside Rm 119	4P	1st Draw	Lead	Void
				Copper	Void
5	2nd Floor; Bottle Filling Station across from Rm 229	5P	1st Draw	Lead	<0.0010
				Copper	0.068
6	2nd Floor; Cafeteria Area; West Food Prep Sink; Cold	6P	1st Draw	Lead	<0.0010
				Copper	0.060
7	2nd Floor; Faculty Lounge Sink in Room 275; Cold	7P	1st Draw	Lead	0.0021
				Copper	0.060
8	2nd Floor; Bottle Filling Station across from Rm 248	8P	1st Draw	Lead	<0.0010
				Copper	0.044
			Regulatory Limit	Lead	0.012 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

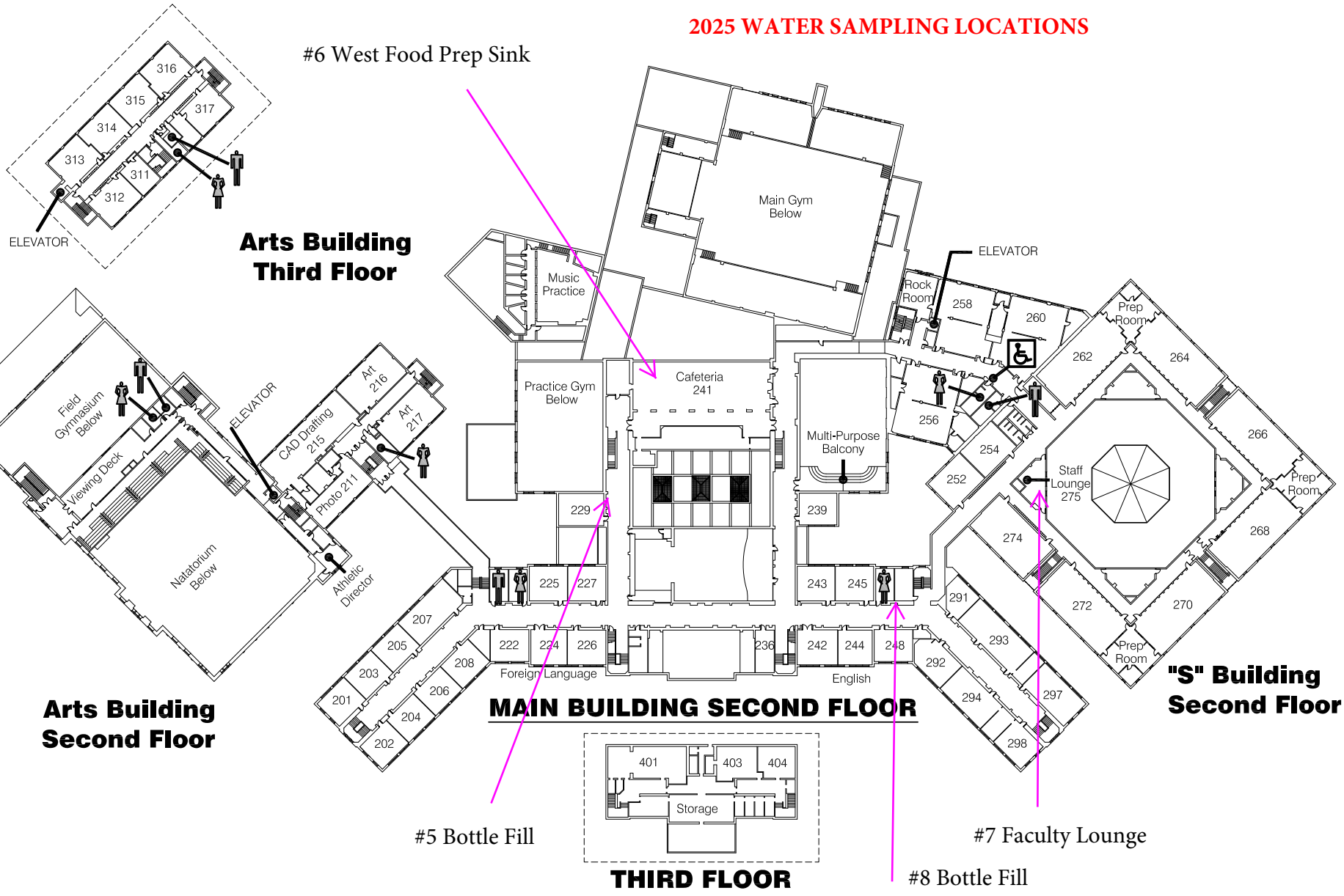
Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

2025 WATER SAMPLING LOCATIONS



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'

PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402476
Project Name: 64895-010 Grosse Pointe South High School
Purchase Order: 64895-010

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024760001	South HS-1P	Grab	D	04/21/2025 09:50	04/29/2025 12:14	Zachary
4024760002	South HS-2P	Grab	D	04/21/2025 09:50	04/29/2025 12:14	Zachary
4024760003	South HS-3P	Grab	D	04/21/2025 09:50	04/29/2025 12:14	Zachary
4024760004	South HS-5P	Grab	D	04/21/2025 09:50	04/29/2025 12:14	Zachary
4024760005	South HS-6P	Grab	D	04/21/2025 09:50	04/29/2025 12:14	Zachary
4024760006	South HS-7P	Grab	D	04/21/2025 09:50	04/29/2025 12:14	Zachary
4024760007	South HS-8P	Grab	D	04/21/2025 09:50	04/29/2025 12:14	Zachary

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

Analysis Results Narrative

4024760004 - South HS-5P - Copper, Total

The MS and/or MSD recovery for this analyte was above the upper control limit.

ANALYTICAL RESULTS

Lab ID:	4024760001	Date Collected:	04/21/2025 09:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.029		mg/L	0.0010		1		1.3	05/01/2025 13:35	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:35	LDP

ANALYTICAL RESULTS

Lab ID:	4024760002	Date Collected:	04/21/2025 09:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.055		mg/L	0.0010		1		1.3	05/01/2025 13:40	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:40	LDP

ANALYTICAL RESULTS

Lab ID:	4024760003	Date Collected:	04/21/2025 09:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.019		mg/L	0.0010		1		1.3	05/01/2025 13:41	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:41	LDP

ANALYTICAL RESULTS

Lab ID:	4024760004	Date Collected:	04/21/2025 09:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS-5P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.068	*	mg/L	0.0010		1		1.3	05/01/2025 13:45	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:45	LDP

ANALYTICAL RESULTS

Lab ID:	4024760005	Date Collected:	04/21/2025 09:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS-6P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.060		mg/L	0.0010		1		1.3	05/01/2025 13:50	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:50	LDP

ANALYTICAL RESULTS

Lab ID:	4024760006	Date Collected:	04/21/2025 09:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS-7P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.060		mg/L	0.0010		1		1.3	05/01/2025 13:51	LDP
Lead, Total	0.0021		mg/L	0.0010		1		0.012	05/01/2025 13:51	LDP

ANALYTICAL RESULTS

Lab ID:	4024760007	Date Collected:	04/21/2025 09:50	Matrix:	Drinking Water, Potable (D)
Sample ID:	South HS-8P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.044		mg/L	0.0010		1		1.3	05/01/2025 13:53	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 13:53	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 ___

402476 TEC Testing Engineers & Consultants

Client Name:	Testing Engineers & Consultants, Inc.
Contact Person:	Scott Chandler
Mailing Address:	1343 Rochester Rd.
City, State, Zip:	Troy, MI 48083
Phone and Fax:	248-588-6200
Email:	schandler@tecteet.com
Client Job Name / No.:	64895-010
Job Location:	Grosse Pointe South High School
WSSN #:	PIN #:
Sampled By:	Zachary Lee
PO No.:	64895-010

Remarks:

★ Client said to use these times for collection time, SDT

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	4/21/25		X		South HS - 1P	DW	1	✓	✓	402476-001
02	4/21/25		X		South HS -2P	DW	1	✓	✓	002
03	4/21/25		X		South HS -3P	DW	1	✓	✓	003
~~04~~	~~4/21/25~~		~~X~~		~~South HS -4P~~	~~DW~~	~~1~~	~~✓~~	~~✓~~	
05	4/21/25		X		South HS -5P	DW	1	✓	✓	402476-005
06	4/21/25		X		South HS -6P	DW	1	✓	✓	006
07	4/21/25		X		South HS -7P	DW	1	✓	✓	007
08	4/21/25		X		South HS -8P	DW	1	✓	✓	008

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	9:50AM ★
2.	RBoot	SDT	4.29.25	12:14
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: COCs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers
402476 TEC Testing Engineers
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

*Refer to REF-N0008A

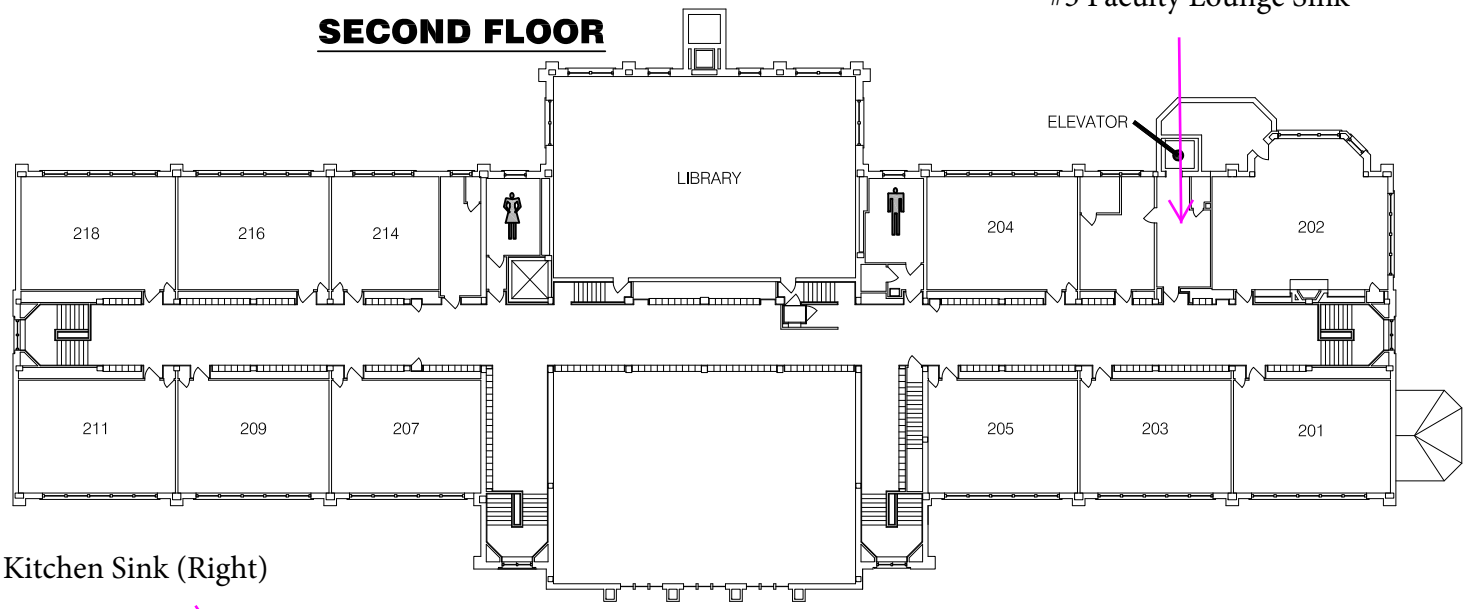
APPENDIX N

Table One
Drinking Water Test Results
Trombly Elementary School
820 Beaconsfield, Grosse Pointe Park, MI 48236
Sampling Date: April 21, 2025

Location	Description	Cust.Sample ID	Type	Compound	Result (mg/L)
1	1st Floor; Kitchen Sink (Right); Cold	1P	1st draw	Lead	<0.0010
				Copper	0.066
2	1st Floor; Bottle Filling Station outside Receiving	2P	1st draw	Lead	<0.0010
				Copper	0.039
3	2nd Floor; Faculty Lounge Sink; Cold	3P	1st draw	Lead	<0.0010
				Copper	0.041
			Regulatory Limit	Lead	0.012 mg/L
				Copper	1.3 mg/L

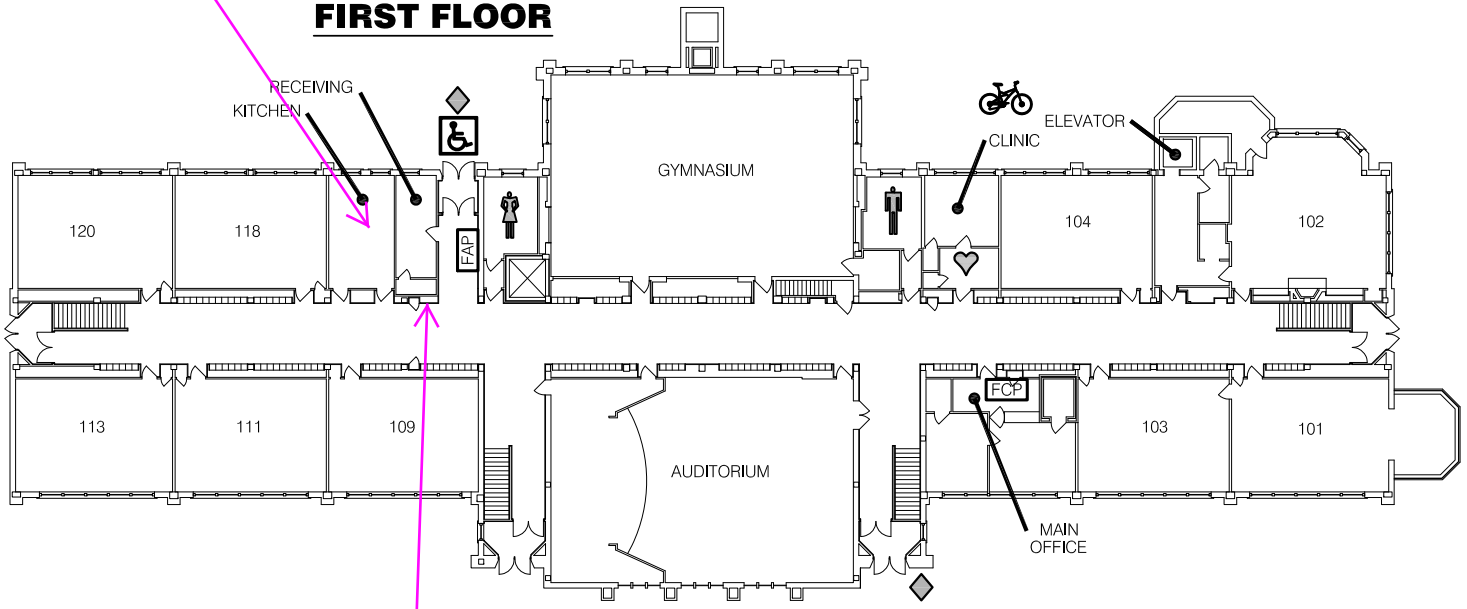
#3 Faculty Lounge Sink

SECOND FLOOR



#1 Kitchen Sink (Right)

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

Trombly Elementary School

820 Beaconsfield
Grosse Pointe Park, MI 48236
313.432.5000

#2 Bottle Fill

2025 WATER SAMPLING LOCATIONS

Ehresman Associates, Inc.
architects engineers

DATE: JULY 2010

N

0 30' 60' 90'

PARAGON LABORATORIES

P:734.462.3900
paragonlaboratories.com

Monday, May 5, 2025

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

Workorder: 402485
Project Name: 64895-01P Trombly Elementary School
Purchase Order: 64895-01P

Scott Chandler,

Paragon Laboratories, Inc. received the sample(s) associated with the Workorder listed above for the test results presented in the following report. The results pertain only to the aliquot(s) of the sample(s) tested.

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
Senior Project Manager

[MI] 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)

State of Michigan Drinking Water Certification (EGLE)

[N] 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 06/30/2025)

NELAP Accreditation - Lab E871171

[A] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by A2LA for analytical methods referring to this note. (A2LA Cert. No. 2705.01 Expires 05/31/2025)

A2LA Accreditation to ISO/IEC 17025:2017

[P] Paragon Laboratories, Inc. is accredited to ISO/IEC 17025:2017 by PJLA for analytical methods referring to this note. (PJLA Cert. No. L25-50 Expires 02/28/2027)

PJLA Accreditation to ISO/IEC 17025:2017 (Food and Food Safety)

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.
NC	Non-Calcuable	QC result is non-calcuable based on results.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
4024850001	Trombly-1P	Grab	D	04/21/2025 07:45	04/29/2025 12:14	Zachary
4024850002	Trombly-2P	Grab	D	04/21/2025 07:45	04/29/2025 12:14	Zachary
4024850003	Trombly-3P	Grab	D	04/21/2025 07:45	04/29/2025 12:14	Zachary

WORKORDER SUMMARY

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 22.7 °C on April 29th, 2025.

ANALYTICAL RESULTS

Lab ID:	4024850001	Date Collected:	04/21/2025 07:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Trombly-1P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.066		mg/L	0.0010		1		1.3	05/01/2025 14:36	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:36	LDP

ANALYTICAL RESULTS

Lab ID:	4024850002	Date Collected:	04/21/2025 07:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Trombly-2P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.039		mg/L	0.0010		1		1.3	05/01/2025 14:38	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:38	LDP

ANALYTICAL RESULTS

Lab ID:	4024850003	Date Collected:	04/21/2025 07:45	Matrix:	Drinking Water, Potable (D)
Sample ID:	Trombly-3P	Date Received:	04/29/2025 12:14	Collector:	Zachary
Description:	Grab				

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Metals by EPA 200.8 [N] [MI]										
Copper, Total	0.041		mg/L	0.0010		1		1.3	05/01/2025 14:39	LDP
Lead, Total	<0.0010		mg/L	0.0010		1		0.012	05/01/2025 14:39	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

402485 TEC Testing Engineers & Consultants

Client Name: Testing Engineers & Consultants, Inc.
Contact Person: (2L) ~~Schott~~ Scott Chandler
Mailing Address: 1343 Rochester Road
City, State, Zip: Troy, MI 48083
Phone and Fax: 248-588-6200
Email: schandler@tectest.com
Client Job Name / No.: 64895-01P
Job Location: Trombly Elementary School
WSSN #: PIN #:
Sampled By: Zachary Love PO No.: 64895-01P

Remarks:

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	4/21/25		X		Trombly - 1P	DW	1	✓	✓	402485-LW1
02	4/21/25		x		Trombly - 2P	DW	1	✓	✓	LW2
03	4/21/25		x		Trombly - 3P	DW	1	✓	✓	LW3
~~04~~	~~4/21/25~~ (2L)									

Tran. #	Released By	Received By	Date	Time
1.			4-29-25	7:45 AM
2.		SDT	4.29.25	12:14
3.				
4.				

Sample Receipt Acceptability Checklist

Sample Receiver	Initials: SOT	Date: 4.29.25	Client: TEC

	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: COCs missing collection times, client said to use date plus the times written on the first release section
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 / Cor**
8.	Samples within holding time?	✓			If "No", explain:
9.	Are any water samples frozen?		✓		If "Yes", explain:
10.	Average sample temperature? (°C) Thermometer Asset #: 11319	22.7			If multiple samples in one cooler, take the temperatures of three : (Refer to SOP-N0182) 22.8 22.8 22.6
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: _____				

Account Coordinator	Initials: ECA	Date: 4/29/25	Workorder: 402472 / 402476 / 402479 / 402480

		Yes	No	Additional Info / Comments
1.	Is there sufficient volume for all requested analyses?	X		If "No", explain: 402481 / 402482 / 402484 / 402485 / 402487
2.	Client contacted?		X	Date: Mode of communication: Issue(s): 402488 / 402489 / 402490 / 402491 / 402492
3.	All samples accepted?	X		If "No" (or "Yes" with resolution), explain:

402472 TEC Testing Engineers & Consultants
402476 TEC Testing Engineers & Consultants
402479 TEC Testing Engineers & Consultants
402480 TEC Testing Engineers & Consultants
402481 TEC Testing Engineers & Consultants
402482 TEC Testing Engineers & Consultants
402484 TEC Testing Engineers & Consultants
402485 TEC Testing Engineers & Consultants
402487 TEC Testing Engineers & Consultants
402488 TEC Testing Engineers & Consultants
402489 TEC Testing Engineers & Consultants
402490 TEC Testing Engineers & Consultants
402491 TEC Testing Engineers & Consultants
402492 TEC Testing Engineers & Consultants

*Refer to REF-N0008A

APPENDIX O

STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING

GRETCHEN WHITMER
GOVERNOR

PHILLIP D. ROOS
DIRECTOR

July 24, 2024

John Parmentier
Paragon Laboratories, Inc.
12649 Richfield Court
Livonia, MI 48150

Laboratory No: 9901
Effective Date: 7/24/2024

Dear John Parmentier:

SUBJECT: Amended Laboratory Certification

The information prepared and submitted to this office by your laboratory has been reviewed. Based on this information, the Department of Environment, Great Lakes, and Energy (EGLE) has certified your laboratory for compliance monitoring under the Safe Drinking Water Act, 1976 PA 399, as amended. Our certification for your laboratory by parameter is as follows:

Microbiology
Certified Parameters:

Total Coliform and *E. coli* and Enumeration of Total Coliform and *E.coli*
(via Membrane Filtration, MI Agar, U.S. EPA Method 1604)
Total Coliform and *E. coli (*via Standard Methods, 22nd Edition, Method 9223B)
Enumeration of Total Coliform and *E.coli* (via Standard Methods, 22nd Edition, Method 9223B, QT/MW)
Heterotrophic Plate Count (via Standard Methods, 22nd Edition, Method 9215B)
Total Coliform and *E. coli* (via Standard Methods, 22nd Edition, Method 9223B)

Inorganic Chemistry
Certified Parameters:

Calcium, Magnesium, Potassium, and Sodium (via U.S. EPA Method 200.7)
Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Manganese, Mercury, Nickel, Selenium, Thallium and Uranium
(via U.S. EPA Method 200.8)
Mercury (via U.S. EPA Method 245.1)
Chloride, Fluoride, Nitrate, Nitrite, Nitrate+Nitrite, and Sulfate
(via U.S. EPA Method 300.0)
Chloride, Fluoride, Nitrate, Nitrite, Nitrate+Nitrite, Orthophosphate and Sulfate
(via U.S. EPA Method 300.1, Part A)

Inorganic Chemistry
Certified Parameters:

Bromate, Bromide, Chlorate and Chlorite (via U.S. EPA Method 300.1, Part B)
Orthophosphate (via Standard Methods, 22nd Edition, Method 4500P-E)
Total Organic Carbon (via Standard Methods, 22nd Edition, Method 5310C)
Cyanide (via OIA-1677 DW)

Organic Chemistry
Certified Parameters:

Dibromochloropropane (DBCP) and Ethylene Dibromide (EDB)
(via U.S. EPA Method 504.1)
2,4-D, Dalapon, Dicamba, Dinoseb, Pentachlorophenol, Picloram and 2,4,5 -TP (Silvex)
(via U.S. EPA Method 515.4)
Vinyl Chloride, Regulated, Unregulated Volatile Organic Chemicals and Total Trihalomethanes (via U.S. EPA Method 524.2)
Alachlor, Aldrin, Atrazine, Benzo(a)pyrene, Butachlor, Chlordane, Dieldrin, Di(2-ethylhexyl)adipate, Di(2-ethylhexyl)phthalate, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lindane, Metolachlor, Methoxychlor, Metribuzin, PCBs (Screen only), Propachlor, Simazine, and Toxaphene
(via U.S. EPA Method 525.2)
Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbaryl, Carbofuran, Methomyl, Oxamyl, and 3-Hydrocarbofuran (via U.S. EPA Method 531.2)
Dalapon and Halo Acetic Acids (via U.S. EPA Method 552.3)

Organic Chemistry
PFAS Certified Parameters:

Hexafluoropropylene oxide dimer acid (HFPO-DA), Perfluorobutane sulfonic acid (PFBS), Perfluorohexane sulfonic acid (PFHxS), Perfluorohexanoic acid (PFHxA), Perfluorononanoic acid (PFNA), Perfluorooctane sulfonic acid (PFOS), and Perfluorooctanoic acid (PFOA) (Michigan Regulated PFAS via U.S. EPA Method 537.1).

N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA), N-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA), Perfluorodecanoic acid (PFDA), Perfluorododecanoic acid (PFDoA), Perfluoroheptanoic acid (PFHpA), Perfluorotetradecanoic acid (PFTA), Perfluorotridecanoic acid (PFTrDA), Perfluoroundecanoic acid (PFUnA), 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS), 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS), and 4,8-dioxa-3H-perfluorononanoic acid (ADONA) (via U.S. EPA Method 537.1).

Our certification of Paragon Laboratories, Inc. for the microbiological and chemical examination of drinking water is contingent on your continued compliance with state and federal regulations. Additionally, your certification is contingent on the submission of acceptable proficiency test results from a state-approved supplier on a running 12-month basis.

Our certifications of your facility will expire on February 25, 2026. At your option, you may display the enclosed certificates. If you have questions regarding this information, please contact me by phone at 517-930-7040 or by email at lundyg@michigan.gov.

Sincerely,

Gregg A. Lundy
Laboratory Certification Officer
Laboratory Services Section
Remediation and Redevelopment Division

GL/ls

Enclosure

cc: EGLE DWEHD Southeastern Michigan District Office
Wayne County Health Department