

1-31-22
PL

MIDDLE SCHOOL
HIGH SCHOOL
SYRING SCHOOL
3462 DYE ROAD MTA

TOTAL	FREE
0.5	0.5
0.5	0.5
0.5	0.5
0.5	0.5



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ98189
Work Order: 20200003_02

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6500
Collection Address:	SYRING ELEMENTARY SCHOOL OAK	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/31/2022 09:57
Sample Point:	KITCHEN SINK	Date Received:	02/01/2022 07:22
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			02/01/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



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Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ98190
Work Order: 20200003_03

System Name/Owner:	GENESEE CO WATER SYSTEMS	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK MIDDLE SCHOOL, Sv	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/31/2022 09:35
Sample Point:	KITCHEN SINK	Date Received:	02/01/2022 07:22
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			02/01/2022		SM 9223 B	TC-00-B

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Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ98191
Work Order: 20200003_04

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK HIGH SCHOOL, SWA	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/31/2022 09:47
Sample Point:	KITCHEN SINK	Date Received:	02/01/2022 07:22
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			02/01/2022		SM 9223 B	TC-00-B

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Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ98188
Work Order: 20200003_01

System Name/Owner: GENESEE CO WATER SYSTEM
Collection Address: 3462 DYE RD, SWARTZ CREEK
Collected By: ROD
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE III
Site Code:
Collector: Other
Date Collected: 01/31/2022 09:15
Date Received: 02/01/2022 07:22
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL POSITIVE 02/01/2022 SM 9223 B TC-00-B

Coliform bacteria detected. Results will be evaluated by regulating agency.

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Laboratory Contact: Marlene Kane

GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE

-DIVISION OF-

WATER & WASTE SERVICES

G-4610 BEECHER ROAD · FLINT, MICHIGAN 48532-2617

PHONE (810) 732-7870 · FAX (810) 732-9773



JEFFREY WRIGHT
COMMISSIONER

February 4, 2022

To: DPW Supervisor
Robert Bincsik
8083 Civic Dr.
Swartz Creek, MI. 48473

Re: Re-sample results 2-3-2022.

The results for total coliforms by Std. Methods 9223B are as follow:

<u>Date</u>	<u>Time</u>	<u>Sample Location</u>	<u>Results</u>
2-3-2022	10:50am	3440 Dye Rd.	Negative
2-3-2022	10:20am	3462 Dye Rd.	Negative
2-3-2022	12:45pm	3418 Dye Rd.	Negative

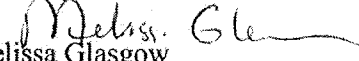
Analysis Date/Time: 2-3-2022 @ 11:55am, 1:45pm

Analyst: GS/BA

A.R. Treatment Plant Laboratory 2615

If you have any questions call me at (810) 232-7662 ext. 2226.

Sincerely,


Melissa Glasgow

Laboratory Manager

Genesee County Water and Waste Services

Genesee County WWS
 AR Treatment Plant Lab 2615
 9290 Farrand RD
 Montrose, MI 48457
 (810) 232-7662

Chain of Custody Record

Customer Information		Parameter/ Method Request	
Client: <u>City of Swartz Creek</u>	Sampled By (print): <u>Robert</u>	A	Total Coliform/E. Coli
Address: <u>8083 Civic Dr.</u>	Sampler Signature: _____	B	
Phone: <u>(810) 635-4464</u>	WSSN (if applicable): <u>6805</u>	C	
Email: <u>rb.neslyke@cityofswartzcreek.org</u>		D	
Project Name: <u>Per Sample</u>		E	
		F	

No.	Sample Description/ID	Date	Time	Matrix	# of Bottles	Preservative	A	B	C	D	E	F
1	3418 Dye Rd (C)	2/3/22	12:50pm	DW	1		X					
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Relinquished By: Debra Baon Date: 2/3/22 Time: 1:40

Received By: Melvin G. L. Date: 2/3/22 Time: 1:40pm

Genesee County WWS
AR Treatment Plant Lab 2615
9290 Farrand RD
Montrose, MI 48457
(810) 232-7662

Chain of Custody Record

Customer Information		Parameter/ Method Request	
Client: <u>City of Swartz Creek</u>	Sampled By (print): <u>Rebecca</u>	A	Total Coliform/E. Coli
Address: <u>8089 Civic Dr.</u>	Sampler Signature: _____	B	
Phone: <u>(810) 635-4464</u>	WSSN (if applicable): <u>6505</u>	C	
Email: <u>cbi@cityofswartzcreek.org</u>		D	
Project Name: <u>50-sample</u>		E	
		F	

No.	Sample Description/ID	Date	Time	Matrix	# of Bottles	Preservative	A	B	C	D	E	F
1	3462 Dye Rd. (A)	2/3/22	10:20 AM	DW	1		X					
2	3462 Dye Rd. (B)	↓	10:30 AM	↓	1		X					
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

Relinquished By: Rebecca Boon Date: 2/3/22 Time: 11:38 AM

Received By: Melissa Glen Date: 2/3/22 Time: 11/38 AM

WSSN 6505

4/11/2022

FREE CHLORINE RESIDUAL TEST

5121 MORRISH ROAD
ELMS RD. ELEMENTARY
8240 MILLER ROAD
8083 CIVIC DRIVE

TOTAL	FREE
.4	.4
.5	.4
.6	.6

Roxanne
732-0079

4.25.22

MIDDLE SCHOOL
HIGH SCHOOL
SYRING SCHOOL
3462 DYE ROAD MTA

TOTAL	FREE
.5	.4
.6	.5
.6	.5

faxed 4/25/22 1:30p



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Official Laboratory Report

Report To: ROBERT BINCSIK
8083 CIVIC DRIVE
SWARTZ CREEK MI 48475

Sample ID: LK07960
Work Order: 20400837_03

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	5121 MORRISH ROAD, SWARTZ CREEK	Source:	TYPE III
Collected By:	REBECCA BUSHES	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	04/11/2022 09:30
Sample Point:	KITCHEN SINK	Date Received:	04/11/2022 11:36
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			04/11/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603**

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AL: Action Level

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Not Detected: Not detected at or above the reporting limit (RL)



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Official Laboratory Report

Report To: ROBERT BINCSIK
8083 CIVIC DRIVE
SWARTZ CREEK MI 48475

Sample ID: LK07959

Work Order: 20400837_02

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	3259 ELMS ROAD, SWARTZ CREEK	Source:	TYPE III
Collected By:	REBECCA BUSHS	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	04/11/2022 10:00
Sample Point:	KITCHEN SINK	Date Received:	04/11/2022 11:36
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION

REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			04/11/2022		SM 9223 B	TC-00-B

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Official Laboratory Report

Report To: ROBERT BINCSIK
8083 CIVIC DRIVE
SWARTZ CREEK MI 48475

Sample ID: LK07958
Work Order: 20400837_01

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	8083 CIVIC DRIVE, SWARTZ CREEK	Source:	TYPE III
Collected By:	REBECCA BUSHES	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	04/11/2022 10:20
Sample Point:	KITCHEN SINK	Date Received:	04/11/2022 11:36
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			04/11/2022		SM 9223 B	TC-00-B

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Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK09506
Work Order: 20402174_03

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK MIDDLE SCHOOL, SV	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	04/25/2022 09:40
Sample Point:	KITCHEN SINK	Date Received:	04/25/2022 11:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION

REGULATORY INFORMATION

Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			04/25/2022		SM 9223 B	TC-00-B

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Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK09504
Work Order: 20402174_01

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK HIGH SCHOOL, SWA	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	04/25/2022 10:05
Sample Point:	KITCHEN SINK	Date Received:	04/25/2022 11:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			04/25/2022		SM 9223 B	TC-00-B

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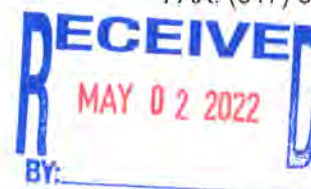


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Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK09505

Work Order: 20402174_02

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SYRING SCHOOL, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	04/25/2022 10:25
Sample Point:	KITCHEN SINK	Date Received:	04/25/2022 11:37
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			04/25/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

4-6-22

Paragon

Water Quality Parameters

	Temp	pH	Free	TOTAL	Time	Date
5121 Morish	45°	7.8	0.5	0.5	10am	4-6-22
4061 Elms	50°	7.4	0.6	0.6	8am	4-6-22
8083 Civic	49°	7.7	0.5		10:20am	4-6-22

Monday, April 11, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 376737
Project Name: City of Swartz Creek

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded 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.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3767370001	5121 Morrish	WSSN: 6505, Grab	D	04/06/2022 10:00	04/06/2022 15:55	Jay
3767370002	4061 Elms	WSSN: 6505, Grab	D	04/06/2022 08:00	04/06/2022 15:55	Jay
3767370003	8083 Civic	WSSN: 6505, Grab	D	04/06/2022 10:20	04/06/2022 15:55	Jay

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received on natural ice with an average temperature of 3.2°C on April 6, 2022.

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ANALYTICAL RESULTS

Lab ID: 3767370001
Sample ID: 5121 Morrish
Description: WSSN: 6505, Grab

Date Collected: 04/06/2022 10:00
Date Received: 04/06/2022 15:55

Matrix: Drinking Water, Potable (D)
Collector: Jay

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	73		mg/L	1.0		1			04/08/2022 15:00	RTS
Hardness, Magnesium as CaCO ₃	33		mg/L	1.0		1			04/08/2022 15:00	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			04/08/2022 15:00	RTS
Individual Parameters by EPA 300.0										
Chloride	10		mg/L	5.0		1		250	04/07/2022 18:47	RTS
Sulfate	26		mg/L	5.0		1		250	04/07/2022 18:47	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.26		NTU	0.05		1		1	04/07/2022 16:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			04/08/2022 12:50	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.75		mg/L	0.025		1			04/07/2022 15:19	LDP
Metals by EPA 200.7										
Aluminum, Total	0.023		mg/L	0.010		1		0.20	04/08/2022 12:00	RTS
Metals by EPA 200.8										
Copper, Total	0.0018		mg/L	0.0010		1		1.30	04/11/2022 10:00	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	04/11/2022 10:00	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	04/11/2022 10:00	RTS

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ANALYTICAL RESULTS

Lab ID: 3767370002
Sample ID: 4061 Elms
Description: WSSN: 6505, Grab

Date Collected: 04/06/2022 08:00
Date Received: 04/06/2022 15:55

Matrix: Drinking Water, Potable (D)
Collector: Jay

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	72		mg/L	1.0		1			04/08/2022 15:00	RTS
Hardness, Magnesium as CaCO ₃	34		mg/L	1.0		1			04/08/2022 15:00	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			04/08/2022 15:00	RTS
Individual Parameters by EPA 300.0										
Chloride	10		mg/L	5.0		1		250	04/07/2022 19:06	RTS
Sulfate	26		mg/L	5.0		1		250	04/07/2022 19:06	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.18		NTU	0.05		1		1	04/07/2022 16:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			04/08/2022 12:50	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.77		mg/L	0.025		1			04/07/2022 15:19	LDP
Metals by EPA 200.7										
Aluminum, Total	0.024		mg/L	0.010		1		0.20	04/08/2022 12:00	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	04/11/2022 10:00	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	04/11/2022 10:00	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	04/11/2022 10:00	RTS

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ANALYTICAL RESULTS

Lab ID: 3767370003	Date Collected: 04/06/2022 10:20	Matrix: Drinking Water, Potable (D)
Sample ID: 8083 Civic	Date Received: 04/06/2022 15:55	Collector: Jay
Description: WSSN: 6505, Grab		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	72		mg/L	1.0		1			04/08/2022 15:00	RTS
Hardness, Magnesium as CaCO ₃	34		mg/L	1.0		1			04/08/2022 15:00	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			04/08/2022 15:00	RTS
Individual Parameters by EPA 300.0										
Chloride	10		mg/L	5.0		1		250	04/07/2022 19:24	RTS
Sulfate	26		mg/L	5.0		1		250	04/07/2022 19:24	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.31		NTU	0.05		1		1	04/07/2022 16:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			04/08/2022 12:50	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.78		mg/L	0.025		1			04/07/2022 15:19	LDP
Metals by EPA 200.7										
Aluminum, Total	0.026		mg/L	0.010		1		0.20	04/08/2022 12:00	RTS
Metals by EPA 200.8										
Copper, Total	0.015		mg/L	0.0010		1		1.30	04/11/2022 10:10	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	04/11/2022 10:10	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	04/11/2022 10:10	RTS

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PARAGON SAMPLING

FEB 9 2022

WATER QUALITY PARAMETER

	FREE	TOTAL	PH	TEMP
5121 MURRISH	.5	.5	7.6	50°F
0883 CIVIC	.5	.5	7.3	49°F
4401 ELMS	.6	.6	7.35	53°F

TTHM/HAA5/VOC's

	FREE	TOTAL	PH	TEMP
3259 ELMS	.6	.6	7.3	50°F
8230 CRAPO	.5	.5	7.3	56°F

Monday, February 14, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 375584

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
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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.

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SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3755840001	5121 MORRISH	WSSN: 6505	D	02/09/2022 09:15	02/09/2022 15:14	B. Becca
3755840002	8083 CIVIC	WSSN: 6505	D	02/09/2022 10:00	02/09/2022 15:14	B. Becca
3755840003	4061 ELMS	WSSN: 6505	D	02/09/2022 10:50	02/09/2022 15:14	B. Becca

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FINAL LABORATORY REPORT

10/10/2022

WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received on natural ice with an average temperature of 1.1°C on February 9, 2022.

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ANALYTICAL RESULTS

Lab ID: 3755840001	Date Collected: 02/09/2022 09:15	Matrix: Drinking Water, Potable (D)
Sample ID: 5121 MORRISH	Date Received: 02/09/2022 15:14	Collector: Becca B.
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	75		mg/L	1.0		1			02/14/2022 11:40	RTS
Hardness, Magnesium as CaCO ₃	33		mg/L	1.0		1			02/14/2022 11:40	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			02/14/2022 11:40	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	02/11/2022 16:46	RTS
Sulfate	25		mg/L	5.0		1		250	02/11/2022 16:46	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.91		NTU	0.05		1		1	02/10/2022 10:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			02/11/2022 13:20	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.75		mg/L	0.025		1			02/10/2022 08:43	LDP
Metals by EPA 200.7										
Aluminum, Total	0.034		mg/L	0.010		1		0.20	02/14/2022 11:39	RTS
Metals by EPA 200.8										
Copper, Total	0.0056		mg/L	0.0010		1		1.30	02/14/2022 09:55	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	02/14/2022 09:55	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	02/14/2022 09:55	RTS

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ANALYTICAL RESULTS

Lab ID: 3755840002	Date Collected: 02/09/2022 10:00	Matrix: Drinking Water, Potable (D)
Sample ID: 8083 CIVIC	Date Received: 02/09/2022 15:14	Collector: Becca B.
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	73		mg/L	1.0		1			02/14/2022 11:42	RTS
Hardness, Magnesium as CaCO ₃	34		mg/L	1.0		1			02/14/2022 11:42	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			02/14/2022 11:42	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	02/11/2022 17:04	RTS
Sulfate	25		mg/L	5.0		1		250	02/11/2022 17:04	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.18		NTU	0.05		1		1	02/10/2022 10:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			02/11/2022 13:20	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.80		mg/L	0.025		1			02/10/2022 08:43	LDP
Metals by EPA 200.7										
Aluminum, Total	0.070		mg/L	0.010		1		0.20	02/14/2022 11:42	RTS
Metals by EPA 200.8										
Copper, Total	0.016		mg/L	0.0010		1		1.30	02/14/2022 09:55	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	02/14/2022 09:55	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	02/14/2022 09:55	RTS

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ANALYTICAL RESULTS

Lab ID: 3755840003
Sample ID: 4061 ELMS
Description: WSSN: 6505

Date Collected: 02/09/2022 10:50
Date Received: 02/09/2022 15:14

Matrix: Drinking Water, Potable (D)
Collector: Becca B.

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	73		mg/L	1.0		1			02/14/2022 11:58	RTS
Hardness, Magnesium as CaCO ₃	34		mg/L	1.0		1			02/14/2022 11:58	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			02/14/2022 11:58	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	02/11/2022 17:23	RTS
Sulfate	25		mg/L	5.0		1		250	02/11/2022 17:23	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.37		NTU	0.05		1		1	02/10/2022 10:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			02/11/2022 13:20	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.78		mg/L	0.025		1			02/10/2022 08:43	LDP
Metals by EPA 200.7										
Aluminum, Total	0.033		mg/L	0.010		1		0.20	02/14/2022 11:58	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	02/14/2022 10:15	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	02/14/2022 10:15	RTS
Zinc, Total	0.0046		mg/L	0.0040		1		5	02/14/2022 10:15	RTS

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FREE CHLORINE RESIDUAL TEST

	TOTAL	FREE
5121 MORRISH ROAD	.4	.3
ELMS RD. ELEMENTARY	.4	.3
8240 MILLER ROAD		
8083 CIVIC DRIVE	.6	.5

Roxanne
732-0079

2-28-22

	TOTAL	FREE
MIDDLE SCHOOL	.5	.4
HIGH SCHOOL	.5	.4
SYRING SCHOOL	.6	.5
3462 DYE ROAD MTA		

fayed 3/7/22

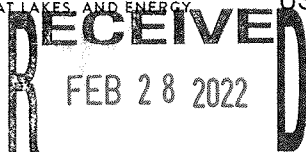


MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562



BY: _____

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK00652

Work Order: 20201846_02

System Name/Owner: GENESEE CO WATER SYSTEM
Collection Address: 5121 MORRISH RD, SWARTZ CREEK
Collected By: JAY SANDFORD
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE II
Site Code:
Collector: Other
Date Collected: 02/22/2022 08:55
Date Received: 02/22/2022 10:30
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected			02/22/2022	SM 9223 B	TC-00-B
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Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit

MCL: Maximum Contaminant Level

AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)

ng/L: nanograms / Liter (ppt)

MPN: Most Probable Number

CFU: Colony Forming Unit

CAS: Chemical Abstract Service

Laboratory Contact: Marlene Kane

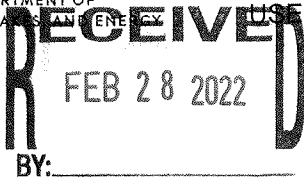


MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562



BY: _____

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK00651

Work Order: 20201846_01

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	ELMS RD ELEMENTARY, SWARTZ CRI	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	02/22/2022 09:20
Sample Point:	KITCHEN SINK	Date Received:	02/22/2022 10:30
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected	02/22/2022	SM 9223 B	TC-00-B
--------------------------------------	---------------------	-------------------	------------------	----------------

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

EC Positive = Coliform and E. Coli bacteria were found

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562



Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK00653

Work Order: 20201846_03

System Name/Owner: GENESEE CO WATER SYSTEM
Collection Address: 8083 CIVIC DR, SWARTZ CREEK
Collected By: JAY SANDFORD
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE II
Site Code:
Collector: Other
Date Collected: 02/22/2022 09:05
Date Received: 02/22/2022 10:31
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			02/22/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK01916
Work Order: 20202420_03

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK HIGH SCHOOL, SWA	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	02/28/2022 09:55
Sample Point:	KITCHEN SINK	Date Received:	02/28/2022 11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

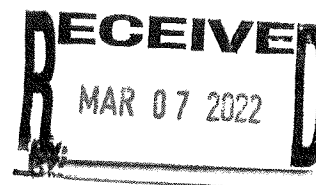
TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			02/28/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603





MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK01915
Work Order: 20202420_02

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK MIDDLE SCHOOL, SW	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	02/28/2022 09:30
Sample Point:	KITCHEN SINK	Date Received:	02/28/2022 11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

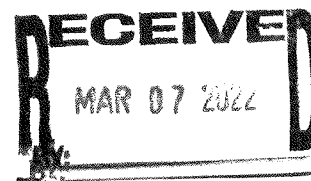
TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			02/28/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK01914
Work Order: 20202420_01

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SYRING ELEMENTARY, SWARTZ CREI	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	02/28/2022 10:15
Sample Point:	KITCHEN SINK	Date Received:	02/28/2022 11:26
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			02/28/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

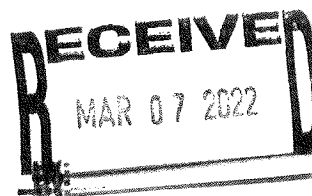
Positive = Total Coliform was found and E. coli bacteria was not found

EC Positive = Coliform and E. Coli bacteria were found

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603



Tuesday, January 25, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 374953

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded 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.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3749530001	5121 Morrish	WSSN: 6505	D	01/05/2022 08:50	01/05/2022 16:02	B. Becca
3749530002	8083 Civic	WSSN: 6505	D	01/05/2022 09:40	01/05/2022 16:02	B. Becca
3749530003	4061 Elms	WSSN: 6505	D	01/05/2022 10:00	01/05/2022 16:02	B. Becca

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received on natural ice with an average temperature of 2.5°C on January 5, 2022.

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ANALYTICAL RESULTS

Lab ID: 3749530001
Sample ID: 5121 Morrish
Description: WSSN: 6505

Date Collected: 01/05/2022 08:50
Date Received: 01/05/2022 16:02

Matrix: Drinking Water, Potable (D)
Collector: Becca B.

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	70		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			01/25/2022 14:29	RTS
Individual Parameters by EPA 300.0										
Chloride	9.6		mg/L	5.0		1		250	01/06/2022 17:28	RTS
Sulfate	25		mg/L	5.0		1		250	01/06/2022 17:28	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.17		NTU	0.05		1		1	01/06/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			01/07/2022 14:26	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.70		mg/L	0.025		1			01/06/2022 08:25	LDP
Metals by EPA 200.7										
Aluminum, Total	0.057		mg/L	0.010		1		0.20	01/24/2022 14:05	RTS
Metals by EPA 200.8										
Copper, Total	0.0018		mg/L	0.0010		1		1.30	01/06/2022 11:00	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	01/06/2022 11:00	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	01/06/2022 11:00	RTS

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ANALYTICAL RESULTS

Lab ID: 3749530002
Sample ID: 8083 Civic
Description: WSSN: 6505

Date Collected: 01/05/2022 09:40
Date Received: 01/05/2022 16:02

Matrix: Drinking Water, Potable (D)
Collector: Becca B.

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	68		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Magnesium as CaCO ₃	32		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			01/25/2022 14:29	RTS
Individual Parameters by EPA 300.0										
Chloride	9.6		mg/L	5.0		1		250	01/06/2022 17:46	RTS
Sulfate	25		mg/L	5.0		1		250	01/06/2022 17:46	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.50		NTU	0.05		1		1	01/06/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			01/07/2022 14:26	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.71		mg/L	0.025		1			01/06/2022 08:25	LDP
Metals by EPA 200.7										
Aluminum, Total	0.059		mg/L	0.010		1		0.20	01/24/2022 14:05	RTS
Metals by EPA 200.8										
Copper, Total	0.019		mg/L	0.0010		1		1.30	01/06/2022 11:00	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	01/06/2022 11:00	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	01/06/2022 11:00	RTS

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ANALYTICAL RESULTS

Lab ID: 3749530003
Sample ID: 4061 Elms
Description: WSSN: 6505

Date Collected: 01/05/2022 10:00
Date Received: 01/05/2022 16:02

Matrix: Drinking Water, Potable (D)
Collector: Becca B.

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	68		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Magnesium as CaCO ₃	32		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			01/25/2022 14:29	RTS
Individual Parameters by EPA 300.0										
Chloride	9.5		mg/L	5.0		1		250	01/06/2022 18:05	RTS
Sulfate	24		mg/L	5.0		1		250	01/06/2022 18:05	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.40		NTU	0.05		1		1	01/06/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			01/07/2022 14:26	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.73		mg/L	0.025		1			01/06/2022 08:25	LDP
Metals by EPA 200.7										
Aluminum, Total	0.096		mg/L	0.010		1		0.20	01/24/2022 14:05	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	01/06/2022 11:30	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	01/06/2022 11:30	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	01/06/2022 11:30	RTS

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WQP

DOCKA
1/5/2021

	FREE	TOTAL	PH	TEMP
5121 MURRISH	.5	.6	7.5	51.3
9687 CIVIC	.4	.6	7.7	52
4001 EUMS	.7	.7	7.7	55



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

Tuesday, January 25, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 374953

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,

Elizabeth Pangborn
Account Coordination Team Leader

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GLOSSARY

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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.

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SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3749530001	5121 Morrish	WSSN: 6505	D	01/05/2022 08:50	01/05/2022 16:02	B. Becca
3749530002	8083 Civic	WSSN: 6505	D	01/05/2022 09:40	01/05/2022 16:02	B. Becca
3749530003	4061 Elms	WSSN: 6505	D	01/05/2022 10:00	01/05/2022 16:02	B. Becca

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received on natural ice with an average temperature of 2.5°C on January 5, 2022.

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ANALYTICAL RESULTS

Lab ID: 3749530001	Date Collected: 01/05/2022 08:50	Matrix: Drinking Water, Potable (D)
Sample ID: 5121 Morrish	Date Received: 01/05/2022 16:02	Collector: Becca B.
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	70		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			01/25/2022 14:29	RTS
Individual Parameters by EPA 300.0										
Chloride	9.6		mg/L	5.0		1		250	01/06/2022 17:28	RTS
Sulfate	25		mg/L	5.0		1		250	01/06/2022 17:28	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.17		NTU	0.05		1		1	01/06/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			01/07/2022 14:26	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.70		mg/L	0.025		1			01/06/2022 08:25	LDP
Metals by EPA 200.7										
Aluminum, Total	0.057		mg/L	0.010		1		0.20	01/24/2022 14:05	RTS
Metals by EPA 200.8										
Copper, Total	0.0018		mg/L	0.0010		1		1.30	01/06/2022 11:00	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	01/06/2022 11:00	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	01/06/2022 11:00	RTS

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ANALYTICAL RESULTS

Lab ID: 3749530002	Date Collected: 01/05/2022 09:40	Matrix: Drinking Water, Potable (D)
Sample ID: 8083 Civic	Date Received: 01/05/2022 16:02	Collector: Becca B.
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	68		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Magnesium as CaCO ₃	32		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			01/25/2022 14:29	RTS
Individual Parameters by EPA 300.0										
Chloride	9.6		mg/L	5.0		1		250	01/06/2022 17:46	RTS
Sulfate	25		mg/L	5.0		1		250	01/06/2022 17:46	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.50		NTU	0.05		1		1	01/06/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			01/07/2022 14:26	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.71		mg/L	0.025		1			01/06/2022 08:25	LDP
Metals by EPA 200.7										
Aluminum, Total	0.059		mg/L	0.010		1		0.20	01/24/2022 14:05	RTS
Metals by EPA 200.8										
Copper, Total	0.019		mg/L	0.0010		1		1.30	01/06/2022 11:00	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	01/06/2022 11:00	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	01/06/2022 11:00	RTS

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ANALYTICAL RESULTS

Lab ID: 3749530003	Date Collected: 01/05/2022 10:00	Matrix: Drinking Water, Potable (D)
Sample ID: 4061 Elms	Date Received: 01/05/2022 16:02	Collector: Becca B.
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	68		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Magnesium as CaCO ₃	32		mg/L	1.0		1			01/25/2022 14:29	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			01/25/2022 14:29	RTS
Individual Parameters by EPA 300.0										
Chloride	9.5		mg/L	5.0		1		250	01/06/2022 18:05	RTS
Sulfate	24		mg/L	5.0		1		250	01/06/2022 18:05	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.40		NTU	0.05		1		1	01/06/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			01/07/2022 14:26	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.73		mg/L	0.025		1			01/06/2022 08:25	LDP
Metals by EPA 200.7										
Aluminum, Total	0.096		mg/L	0.010		1		0.20	01/24/2022 14:05	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	01/06/2022 11:30	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	01/06/2022 11:30	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	01/06/2022 11:30	RTS

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WSSN 6505

1-4-22

FREE CHLORINE RESIDUAL TEST

	TOTAL	FREE
<u>5121 MORRISH ROAD</u>	<u>0.4</u>	<u>0.3</u>
<u>ELMS RD. ELEMENTARY</u>	<u>0.3</u>	<u>0.3</u>
<u>8240 MILLER ROAD</u>		
<u>8083 CIVIC DRIVE</u>	<u>0.5</u>	<u>0.4</u>

Roxanne
732-0079

1/18/2022

	TOTAL	FREE
<u>MIDDLE SCHOOL</u>	<u>.6</u>	<u>.6</u>
<u>HIGH SCHOOL</u>	<u>.6</u>	<u>.6</u>
<u>SYRING SCHOOL</u>	<u>.7</u>	<u>.9</u>
<u>3462 DYE ROAD MTA</u>	<u>.5</u>	<u>.5</u>



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: BOB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ95496

Work Order: 20100335_02

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	5121 MORRISH RD, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/04/2022 09:10
Sample Point:	KITCHEN SINK	Date Received:	01/05/2022 08:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected			01/05/2022		SM 9223 B	TC-00-B
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Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

EC Positive = Coliform and E. Coli bacteria were found

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

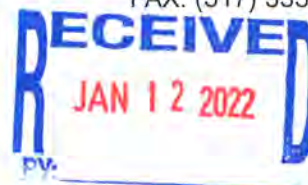
CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



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Official Laboratory Report

Report To: BOB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ95497
Work Order: 20100335_03

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	ELMS RD ELEMENTARY, SWARTZ CRI	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/04/2022 09:40
Sample Point:	KITCHEN SINK	Date Received:	01/05/2022 08:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected			01/05/2022		SM 9223 B	TC-00-B
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ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



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FAX: (517) 335-8562



Official Laboratory Report

Report To: BOB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ95495

Work Order: 20100335_01

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	8083 CIVIC DR, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/04/2022 10:00
Sample Point:	KITCHEN SINK	Date Received:	01/05/2022 08:04
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected			01/05/2022		SM 9223 B	TC-00-B
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Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

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AL: Action Level

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mg/L: milligrams / Liter (ppm)

ng/L: nanograms / Liter (ppt)

MPN: Most Probable Number

CFU: Colony Forming Unit

CAS: Chemical Abstract Service

Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BINCSIIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ96885
Work Order: 20101455_01

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	1 DRAGON DR, SWARTZ CREEK	Source:	TYPE III
Collected By:	REBECCA	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/18/2022 10:30
Sample Point:	KITCHEN SINK	Date Received:	01/19/2022 07:18
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

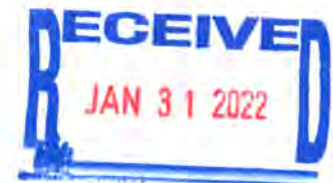
TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			01/19/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603



RL: Reporting Limit	mg/L: milligrams / Liter (ppm)	CFU: Colony Forming Unit
MCL: Maximum Contaminant Level	ng/L: nanograms / Liter (ppt)	CAS: Chemical Abstract Service
AL: Action Level	MPN: Most Probable Number	Laboratory Contact: Marlene Kane
Not Detected: Not detected at or above the reporting limit (RL)		



MICHIGAN DEPARTMENT OF
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USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: ROB BINCSIIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ96886

Work Order: 20101455_02

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	8230 CRAPO ST, SWARTZ CREEK	Source:	TYPE III
Collected By:	REBECCA	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/18/2022 10:00
Sample Point:	KITCHEN SINK	Date Received:	01/19/2022 07:18
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			01/19/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

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AL: Action Level

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mg/L: milligrams / Liter (ppm)

ng/L: nanograms / Liter (ppt)

MPN: Most Probable Number

CFU: Colony Forming Unit

CAS: Chemical Abstract Service

Laboratory Contact: Marlene Kane



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Official Laboratory Report

Report To: ROB BINCSIIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ96887

Work Order: 20101455_03

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	5300 OAKVIEW DR, SWARTZ CREEK	Source:	TYPE III
Collected By:	REBECCA	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	01/18/2022 11:00
Sample Point:	KITCHEN SINK	Date Received:	01/19/2022 07:18
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			01/19/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL: Maximum Contaminant Level
AL: Action Level

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mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

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DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: ROB BINCSIIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LJ96888

Work Order: 20101455_04

System Name/Owner: GENESEE CO WATER SYSTEM
Collection Address: 3462 DYE RD, SWARTZ CREEK
Collected By: REBECCA
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE III
Site Code:
Collector: Other
Date Collected: 01/18/2022 11:20
Date Received: 01/19/2022 07:18
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			01/19/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

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MCL: Maximum Contaminant Level

AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)

ng/L: nanograms / Liter (ppt)

MPN: Most Probable Number

CFU: Colony Forming Unit

CAS: Chemical Abstract Service

Laboratory Contact: Marlene Kane

7-5-22

FREE CHLORINE RESIDUAL TEST

	TOTAL	FREE
<u>5121 MORRISH ROAD</u>	<u>.4</u>	<u>.4</u>
<u>ELMS RD. ELEMENTARY</u>	<u>.6</u>	<u>.5</u>
<u>8240 MILLER ROAD</u>		
<u>8083 CIVIC DRIVE</u>	<u>.5</u>	<u>.4</u>

Roxanne
732-0079

7-18-22

	TOTAL	FREE
<u>MIDDLE SCHOOL</u>	<u>.4</u>	<u>.3</u>
<u>HIGH SCHOOL</u>	<u>.5</u>	<u>.5</u>
<u>SYRING SCHOOL</u>	<u>.4</u>	<u>.4</u>
<u>3462 DYE ROAD MTA</u>		



MICHIGAN DEPARTMENT OF
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P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK20272
Work Order: 20700190_03

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	5121 MORRISH RD, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	07/05/2022 09:20
Sample Point:	KITCHEN SINK	Date Received:	07/05/2022 11:57
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			07/05/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
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mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK20271
Work Order: 20700190_02

System Name/Owner: GENESEE CO WATER SYSTEM
Collection Address: 8083 CIVIC DR, SWARTZ CREEK
Collected By: JAY SANDFORD
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE II
Site Code:
Collector: Other
Date Collected: 07/05/2022 09:35
Date Received: 07/05/2022 11:57
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			07/05/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
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mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK20270
Work Order: 20700190_01

System Name/Owner: GENESEE CO WATER SYSTEM
Collection Address: ELMS SCHOOL, SWARTZ CREEK
Collected By: JAY SANDFORD
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE II
Site Code:
Collector: Other
Date Collected: 07/05/2022 10:50
Date Received: 07/05/2022 11:57
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			07/05/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
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AL: Action Level
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mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK22287
Work Order: 20701641_03

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK HIGH SCHOOL, SWA	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	07/18/2022 10:40
Sample Point:	KITCHEN SINK	Date Received:	07/18/2022 12:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			07/18/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
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EC Positive = Coliform and E. Coli bacteria were found

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Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603





MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

**MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY**
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK22285
Work Order: 20701641_01

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6506
Collection Address:	SWARTZ CREEK MIDDLE SCHOOL,SV	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	07/18/2022 09:50
Sample Point:	KITCHEN SINK	Date Received:	07/18/2022 12:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			07/18/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
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MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK22286
Work Order: 20701641_02

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SYRING SCHOOL, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	/002/	Collector:	Other
County:	Genesee	Date Collected:	07/18/2022 11:00
Sample Point:	KITCHEN SINK	Date Received:	07/18/2022 12:02
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			07/18/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

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mg/L: milligrams / Liter (ppm)
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MPN: Most Probable Number

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Laboratory Contact: Marlene Kane

6-6-22

FREE CHLORINE RESIDUAL TEST

	TOTAL	FREE
<u>5121 MORRISH ROAD</u>	<u>0.5</u>	<u>0.4</u>
<u>ELMS RD. ELEMENTARY</u>	<u>0.3</u>	<u>0.3</u>
<u>8240 MILLER ROAD</u>		
<u>8083 CIVIC DRIVE</u>	<u>0.5</u>	<u>0.5</u>

6-21-22

	TOTAL	FREE
<u>MIDDLE SCHOOL</u>	<u>0.2</u>	<u>0.2</u>
<u>HIGH SCHOOL</u>	<u>0.2</u>	<u>0.2</u>
<u>SYRING SCHOOL</u>	<u>0.4</u>	<u>0.4</u>
<u>3462 DYE ROAD MTA</u>	<u>0.5</u>	<u>0.5</u>

Roxanne
732-0079

faxed. 6/21/22 ③



MICHIGAN DEPARTMENT OF
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TEL: (517) 335-8184
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Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK14909

Work Order: 20600376_02

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	5121 MORRISH RD, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	06/06/2022 09:55
Sample Point:	KITCHEN SINK	Date Received:	06/06/2022 11:45
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected			06/06/2022		SM 9223 B	TC-00-B
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Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit

MCL: Maximum Contaminant Level

AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)

ng/L: nanograms / Liter (ppt)

MPN: Most Probable Number

CFU: Colony Forming Unit

CAS: Chemical Abstract Service

Laboratory Contact: Marlene Kane



Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK14910
Work Order: 20600376_03

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	ELMS RD ELEMENTARY, SWARTZ CRI	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	06/06/2022 10:30
Sample Point:	KITCHEN SINK	Date Received:	06/06/2022 11:45
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected			06/06/2022		SM 9223 B	TC-00-B
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Flint, MI 48502-1540
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AL: Action Level

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mg/L: milligrams / Liter (ppm)

ng/L: nanograms / Liter (ppt)

MPN: Most Probable Number

CFU: Colony Forming Unit

CAS: Chemical Abstract Service

Laboratory Contact: Marlene Kane



Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK14908
Work Order: 20600376_01

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	8083 CIVIC DR, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	06/06/2022 10:45
Sample Point:	KITCHEN SINK	Date Received:	06/06/2022 11:45
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			06/06/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
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Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473



Sample ID: LK17895
Work Order: 20602160_01

System Name/Owner: GENESEE COUNTY WATER SYSTEM
Collection Address: 3462 DYE RD MTA, SWARTZ CREEK
Collected By: ROD
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE III
Site Code:
Collector: Other
Date Collected: 06/21/2022 09:05
Date Received: 06/21/2022 11:27
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			06/21/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

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CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473



Sample ID: LK17896
Work Order: 20602160_02

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK MIDDLE SCHOOL, SWAR	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	06/21/2022 09:20
Sample Point:	KITCHEN SINK	Date Received:	06/21/2022 11:27
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			06/21/2022	SM 9223 B		TC-00-B

Explanation of Coliform Results:

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AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473



Sample ID: LK17897
Work Order: 20602160_03

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SYRING ELEMENTARY SCHOOL OAKVIE, MI	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	06/21/2022 09:50
Sample Point:	KITCHEN SINK	Date Received:	06/21/2022 11:27
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			06/21/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

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MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Official Laboratory Report

Report To: ROB BENCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473



Sample ID: LK17898
Work Order: 20602160_04

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK HIGH SCHOOL, SWARTZ	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	06/21/2022 09:40
Sample Point:	KITCHEN SINK	Date Received:	06/21/2022 11:27
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			06/21/2022	SM 9223 B		TC-00-B

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CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Thursday, June 16, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 378161
Project Name: City of Swartz Creek, Swartz Creek

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded 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.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3781610001	5121 Morrish Rd.	WSSN: 6505	D	06/08/2022 09:45	06/08/2022 14:39	Sandford
3781610002	4061 Elms	WSSN: 6505	D	06/08/2022 11:30	06/08/2022 14:39	Sandford
3781610003	8083 Civic	WSSN: 6505	D	06/08/2022 11:00	06/08/2022 14:39	Sandford

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received with an average temperature of 17.6 °C on June 8th, 2022.

Analysis Results Narrative

3781610001 - 5121 Morrish Rd. - Aluminum, Total

H|Result (or RL) is above Max limit.

3781610002 - 4061 Elms - Aluminum, Total

H|Result (or RL) is above Max limit.

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ANALYTICAL RESULTS

Lab ID: 3781610001	Date Collected: 06/08/2022 09:45	Matrix: Drinking Water, Potable (D)
Sample ID: 5121 Morrish Rd.	Date Received: 06/08/2022 14:39	Collector: Jay Sandford
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	71		mg/L	1.0		1			06/10/2022 15:30	RTS
Hardness, Magnesium as CaCO ₃	32		mg/L	1.0		1			06/10/2022 15:30	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			06/10/2022 15:30	RTS
Individual Parameters by EPA 300.0										
Chloride	12		mg/L	5.0		1		250	06/13/2022 13:07	ERM
Sulfate	27		mg/L	5.0		1		250	06/13/2022 13:07	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.40		NTU	0.05		1		1	06/09/2022 11:05	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			06/13/2022 13:08	LDP
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.73		mg/L	0.025		1			06/09/2022 10:14	LDP
Metals by EPA 200.7										
Aluminum, Total	0.20	*	mg/L	0.010		1		0.20	06/10/2022 11:08	RTS
Metals by EPA 200.8										
Copper, Total	0.0020		mg/L	0.0010		1		1.30	06/14/2022 09:45	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	06/14/2022 09:45	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	06/14/2022 09:45	RTS

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ANALYTICAL RESULTS

Lab ID: 3781610002
Sample ID: 4061 Elms
Description: WSSN: 6505

Date Collected: 06/08/2022 11:30
Date Received: 06/08/2022 14:39

Matrix: Drinking Water, Potable (D)
Collector: Jay Sandford

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	69		mg/L	1.0		1			06/10/2022 15:30	RTS
Hardness, Magnesium as CaCO ₃	33		mg/L	1.0		1			06/10/2022 15:30	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			06/10/2022 15:30	RTS
Individual Parameters by EPA 300.0										
Chloride	12		mg/L	5.0		1		250	06/13/2022 13:25	ERM
Sulfate	28		mg/L	5.0		1		250	06/13/2022 13:25	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.46		NTU	0.05		1		1	06/09/2022 11:05	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			06/13/2022 13:08	LDP
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.82		mg/L	0.025		1			06/09/2022 10:14	LDP
Metals by EPA 200.7										
Aluminum, Total	0.43	*	mg/L	0.010		1		0.20	06/10/2022 11:19	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	06/14/2022 09:45	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	06/14/2022 09:45	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	06/14/2022 09:45	RTS

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ANALYTICAL RESULTS

Lab ID: 3781610003
Sample ID: 8083 Civic
Description: WSSN: 6505

Date Collected: 06/08/2022 11:00
Date Received: 06/08/2022 14:39

Matrix: Drinking Water, Potable (D)
Collector: Jay Sandford

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	70		mg/L	1.0		1			06/10/2022 15:30	RTS
Hardness, Magnesium as CaCO ₃	33		mg/L	1.0		1			06/10/2022 15:30	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			06/10/2022 15:30	RTS
Individual Parameters by EPA 300.0										
Chloride	12		mg/L	5.0		1		250	06/13/2022 13:44	ERM
Sulfate	27		mg/L	5.0		1		250	06/13/2022 13:44	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.18		NTU	0.05		1		1	06/09/2022 11:05	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			06/13/2022 13:08	LDP
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.70		mg/L	0.025		1			06/09/2022 10:14	LDP
Metals by EPA 200.7										
Aluminum, Total	0.11		mg/L	0.010		1		0.20	06/10/2022 11:23	RTS
Metals by EPA 200.8										
Copper, Total	0.0041		mg/L	0.0010		1		1.30	06/14/2022 09:45	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	06/14/2022 09:45	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	06/14/2022 09:45	RTS

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PRECIPITATION

	FREE	TOTAL	PH	TEMP
5121 MORKISH	.6	.6	7.7	59°F
8083 CIVIL	.6	.6	7.6	56°F
4001 ELMS	.6	.6	7.7	57°F
9230 CLAPD	.5	.5	7.7	56°F
3259 ELMS	.6	.6	7.8	53°F



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

Thursday, May 12, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 377352

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,

Elizabeth Pangborn
Account Coordination Team Leader

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GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded 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.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3773520001	5121 Morrish	WSSN: 6505	D	05/04/2022 10:00	05/04/2022 14:48	Rebecca
3773520002	8083 Civic	WSSN: 6505	D	05/04/2022 10:30	05/04/2022 14:48	Rebecca
3773520003	4061 Elms	WSSN: 6505	D	05/04/2022 11:40	05/04/2022 14:48	Rebecca
3773520004	8230 Crapo	WSSN: 6505	D	05/04/2022 10:45	05/04/2022 14:48	Rebecca
3773520005	3259 Elms	WSSN: 6505	D	05/04/2022 11:15	05/04/2022 14:48	Rebecca

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received on natural ice with an average temperature of 4.0°C on May 4, 2022.

All VOA vials contained zero head-space.

Analysis Results Narrative

3773520003 - 4061 Elms - Aluminum, Total

H|Result (or RL) is above Max limit.

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ANALYTICAL RESULTS

Lab ID: 3773520001	Date Collected: 05/04/2022 10:00	Matrix: Drinking Water, Potable (D)
Sample ID: 5121 Morrish	Date Received: 05/04/2022 14:48	Collector: Rebecca Bosas
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	66		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Total as CaCO ₃	97		mg/L	1.0		1			05/09/2022 16:15	RTS
Individual Parameters by EPA 300.0										
Chloride	9.5		mg/L	5.0		1		250	05/05/2022 13:13	ERM
Sulfate	25		mg/L	5.0		1		250	05/05/2022 13:13	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.31		NTU	0.05		1		1	05/05/2022 11:55	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			05/06/2022 10:45	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.76		mg/L	0.025		1			05/05/2022 10:26	LDP
Metals by EPA 200.7										
Aluminum, Total	0.16		mg/L	0.010		1		0.20	05/09/2022 11:15	RTS
Metals by EPA 200.8										
Copper, Total	0.0020		mg/L	0.0010		1		1.30	05/09/2022 09:20	RTS
Lead, Total	0.0020		mg/L	0.0010		1		0.0150	05/09/2022 09:20	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	05/09/2022 09:20	RTS

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ANALYTICAL RESULTS

Lab ID: 3773520002	Date Collected: 05/04/2022 10:30	Matrix: Drinking Water, Potable (D)
Sample ID: 8083 Civic	Date Received: 05/04/2022 14:48	Collector: Rebecca Bosas
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	65		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Total as CaCO ₃	95		mg/L	1.0		1			05/09/2022 16:15	RTS
Individual Parameters by EPA 300.0										
Chloride	9.6		mg/L	5.0		1		250	05/05/2022 13:32	ERM
Sulfate	25		mg/L	5.0		1		250	05/05/2022 13:32	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.34		NTU	0.05		1		1	05/05/2022 11:55	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			05/06/2022 10:45	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.69		mg/L	0.025		1			05/05/2022 10:26	LDP
Metals by EPA 200.7										
Aluminum, Total	0.063		mg/L	0.010		1		0.20	05/09/2022 11:20	RTS
Metals by EPA 200.8										
Copper, Total	0.015		mg/L	0.0010		1		1.30	05/09/2022 09:20	RTS
Lead, Total	0.0021		mg/L	0.0010		1		0.0150	05/09/2022 09:20	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	05/09/2022 09:20	RTS

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ANALYTICAL RESULTS

Lab ID:	3773520003	Date Collected:	05/04/2022 11:40				Matrix:	Drinking Water, Potable (D)		
Sample ID:	4061 Elms	Date Received:	05/04/2022 14:48				Collector:	Rebecca Bosas		
Description:	WSSN: 6505									
Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO3	64		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Magnesium as CaCO3	30		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Total as CaCO3	95		mg/L	1.0		1			05/09/2022 16:15	RTS
Individual Parameters by EPA 300.0										
Chloride	9.5		mg/L	5.0		1		250	05/05/2022 13:50	ERM
Sulfate	25		mg/L	5.0		1		250	05/05/2022 13:50	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.40		NTU	0.05		1		1	05/05/2022 11:55	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO3	70		mg/L	10		1			05/06/2022 10:45	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.84		mg/L	0.025		1			05/05/2022 10:26	LDP
Metals by EPA 200.7										
Aluminum, Total	0.33	*	mg/L	0.010		1		0.20	05/09/2022 11:30	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	05/09/2022 09:20	RTS
Lead, Total	0.0020		mg/L	0.0010		1		0.0150	05/09/2022 09:20	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	05/09/2022 09:20	RTS

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ANALYTICAL RESULTS

Lab ID: 3773520004
Sample ID: 8230 Crapo
Description: WSSN: 6505

Date Collected: 05/04/2022 10:45
Date Received: 05/04/2022 14:48

Matrix: Drinking Water, Potable (D)
Collector: Rebecca Bosas

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Haloacetic Acids (HAAs) by EPA 552.3										
Bromoacetic acid (MBAA)	<1.0		µg/L	1.0	0.36	1			05/06/2022 06:32	GFM
Chloroacetic acid (MCAA)	<2.0		µg/L	2.0	0.30	1			05/06/2022 06:32	GFM
Dibromoacetic acid (DBAA)	<1.0		µg/L	1.0	0.39	1			05/06/2022 06:32	GFM
Dichloroacetic acid (DCAA)	9.8		µg/L	1.0	0.20	1			05/06/2022 06:32	GFM
Trichloroacetic acid (TCAA)	5.6		µg/L	1.0	0.12	1			05/06/2022 06:32	GFM
Haloacetic Acids, Total (HAA5)	15		µg/L	1.0		1		60	05/06/2022 06:32	GFM
Sample Preparation by EPA 552.3										
Liquid-Liquid Extraction, HAAs	Complete					1			05/05/2022 09:43	MZT
Volatiles by EPA 524.2										
Bromodichloromethane	4.9		µg/L	0.50		1			05/10/2022 21:35	DTM
Bromoform	<0.50		µg/L	0.50		1			05/10/2022 21:35	DTM
Chloroform	12		µg/L	0.50		1			05/10/2022 21:35	DTM
Dibromochloromethane	2.1		µg/L	0.50		1			05/10/2022 21:35	DTM
Trihalomethanes, Total (TTHM)	19		µg/L	0.50		1		80	05/10/2022 21:35	DTM

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ANALYTICAL RESULTS

Lab ID: 3773520005	Date Collected: 05/04/2022 11:15	Matrix: Drinking Water, Potable (D)
Sample ID: 3259 Elms	Date Received: 05/04/2022 14:48	Collector: Rebecca Bosas
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Haloacetic Acids (HAAs) by EPA 552.3										
Bromoacetic acid (MBAA)	<1.0		µg/L	1.0	0.36	1			05/06/2022 07:13	GFM
Chloroacetic acid (MCAA)	<2.0		µg/L	2.0	0.30	1			05/06/2022 07:13	GFM
Dibromoacetic acid (DBAA)	1.0		µg/L	1.0	0.39	1			05/06/2022 07:13	GFM
Dichloroacetic acid (DCAA)	13		µg/L	1.0	0.20	1			05/06/2022 07:13	GFM
Trichloroacetic acid (TCAA)	4.8		µg/L	1.0	0.12	1			05/06/2022 07:13	GFM
Haloacetic Acids, Total (HAA5)	19		µg/L	1.0		1		60	05/06/2022 07:13	GFM

Sample Preparation by EPA 552.3

Liquid-Liquid Extraction, HAAs	Complete		1		05/05/2022 09:43	MZT
--------------------------------	----------	--	---	--	------------------	-----

Volatiles by EPA 524.2

Bromodichloromethane	4.8	µg/L	0.50	1	05/10/2022 22:04	DTM
Bromoform	<0.50	µg/L	0.50	1	05/10/2022 22:04	DTM
Chloroform	9.3	µg/L	0.50	1	05/10/2022 22:04	DTM
Dibromochloromethane	2.2	µg/L	0.50	1	05/10/2022 22:04	DTM
Trihalomethanes, Total (TTHM)	16	µg/L	0.50	1	80 05/10/2022 22:04	DTM

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Thursday, May 12, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 377352

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded 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.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3773520001	5121 Morrish	WSSN: 6505	D	05/04/2022 10:00	05/04/2022 14:48	Rebecca
3773520002	8083 Civic	WSSN: 6505	D	05/04/2022 10:30	05/04/2022 14:48	Rebecca
3773520003	4061 Elms	WSSN: 6505	D	05/04/2022 11:40	05/04/2022 14:48	Rebecca
3773520004	8230 Crapo	WSSN: 6505	D	05/04/2022 10:45	05/04/2022 14:48	Rebecca
3773520005	3259 Elms	WSSN: 6505	D	05/04/2022 11:15	05/04/2022 14:48	Rebecca

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received on natural ice with an average temperature of 4.0°C on May 4, 2022.

All VOA vials contained zero head-space.

Analysis Results Narrative

3773520003 - 4061 Elms - Aluminum, Total

H|Result (or RL) is above Max limit.

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ANALYTICAL RESULTS

Lab ID: 3773520001
Sample ID: 5121 Morrish
Description: WSSN: 6505

Date Collected: 05/04/2022 10:00
Date Received: 05/04/2022 14:48

Matrix: Drinking Water, Potable (D)
Collector: Rebecca Bosas

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	66		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Total as CaCO ₃	97		mg/L	1.0		1			05/09/2022 16:15	RTS
Individual Parameters by EPA 300.0										
Chloride	9.5		mg/L	5.0		1		250	05/05/2022 13:13	ERM
Sulfate	25		mg/L	5.0		1		250	05/05/2022 13:13	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.31		NTU	0.05		1		1	05/05/2022 11:55	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			05/06/2022 10:45	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.76		mg/L	0.025		1			05/05/2022 10:26	LDP
Metals by EPA 200.7										
Aluminum, Total	0.16		mg/L	0.010		1		0.20	05/09/2022 11:15	RTS
Metals by EPA 200.8										
Copper, Total	0.0020		mg/L	0.0010		1		1.30	05/09/2022 09:20	RTS
Lead, Total	0.0020		mg/L	0.0010		1		0.0150	05/09/2022 09:20	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	05/09/2022 09:20	RTS

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ANALYTICAL RESULTS

Lab ID: 3773520002
Sample ID: 8083 Civic
Description: WSSN: 6505

Date Collected: 05/04/2022 10:30
Date Received: 05/04/2022 14:48

Matrix: Drinking Water, Potable (D)
Collector: Rebecca Bosas

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	65		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Total as CaCO ₃	95		mg/L	1.0		1			05/09/2022 16:15	RTS
Individual Parameters by EPA 300.0										
Chloride	9.6		mg/L	5.0		1		250	05/05/2022 13:32	ERM
Sulfate	25		mg/L	5.0		1		250	05/05/2022 13:32	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.34		NTU	0.05		1		1	05/05/2022 11:55	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			05/06/2022 10:45	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.69		mg/L	0.025		1			05/05/2022 10:26	LDP
Metals by EPA 200.7										
Aluminum, Total	0.063		mg/L	0.010		1		0.20	05/09/2022 11:20	RTS
Metals by EPA 200.8										
Copper, Total	0.015		mg/L	0.0010		1		1.30	05/09/2022 09:20	RTS
Lead, Total	0.0021		mg/L	0.0010		1		0.0150	05/09/2022 09:20	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	05/09/2022 09:20	RTS

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ANALYTICAL RESULTS

Lab ID: 3773520003
Sample ID: 4061 Elms
Description: WSSN: 6505

Date Collected: 05/04/2022 11:40
Date Received: 05/04/2022 14:48

Matrix: Drinking Water, Potable (D)
Collector: Rebecca Bosas

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	64		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Magnesium as CaCO ₃	30		mg/L	1.0		1			05/09/2022 16:15	RTS
Hardness, Total as CaCO ₃	95		mg/L	1.0		1			05/09/2022 16:15	RTS
Individual Parameters by EPA 300.0										
Chloride	9.5		mg/L	5.0		1		250	05/05/2022 13:50	ERM
Sulfate	25		mg/L	5.0		1		250	05/05/2022 13:50	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.40		NTU	0.05		1		1	05/05/2022 11:55	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			05/06/2022 10:45	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.84		mg/L	0.025		1			05/05/2022 10:26	LDP
Metals by EPA 200.7										
Aluminum, Total	0.33	*	mg/L	0.010		1		0.20	05/09/2022 11:30	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	05/09/2022 09:20	RTS
Lead, Total	0.0020		mg/L	0.0010		1		0.0150	05/09/2022 09:20	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	05/09/2022 09:20	RTS

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ANALYTICAL RESULTS

Lab ID: 3773520004
Sample ID: 8230 Crapo
Description: WSSN: 6505

Date Collected: 05/04/2022 10:45
Date Received: 05/04/2022 14:48

Matrix: Drinking Water, Potable (D)
Collector: Rebecca Bosas

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Haloacetic Acids (HAAs) by EPA 552.3										
Bromoacetic acid (MBAA)	<1.0		µg/L	1.0	0.36	1			05/06/2022 06:32	GFM
Chloroacetic acid (MCAA)	<2.0		µg/L	2.0	0.30	1			05/06/2022 06:32	GFM
Dibromoacetic acid (DBAA)	<1.0		µg/L	1.0	0.39	1			05/06/2022 06:32	GFM
Dichloroacetic acid (DCAA)	9.8		µg/L	1.0	0.20	1			05/06/2022 06:32	GFM
Trichloroacetic acid (TCAA)	5.6		µg/L	1.0	0.12	1			05/06/2022 06:32	GFM
Haloacetic Acids, Total (HAA5)	15		µg/L	1.0		1		60	05/06/2022 06:32	GFM
Sample Preparation by EPA 552.3										
Liquid-Liquid Extraction, HAAs	Complete					1			05/05/2022 09:43	MZT
Volatiles by EPA 524.2										
Bromodichloromethane	4.9		µg/L	0.50		1			05/10/2022 21:35	DTM
Bromoform	<0.50		µg/L	0.50		1			05/10/2022 21:35	DTM
Chloroform	12		µg/L	0.50		1			05/10/2022 21:35	DTM
Dibromochloromethane	2.1		µg/L	0.50		1			05/10/2022 21:35	DTM
Trihalomethanes, Total (TTHM)	19		µg/L	0.50		1		80	05/10/2022 21:35	DTM

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ANALYTICAL RESULTS

Lab ID: 3773520005
Sample ID: 3259 Elms
Description: WSSN: 6505

Date Collected: 05/04/2022 11:15
Date Received: 05/04/2022 14:48

Matrix: Drinking Water, Potable (D)
Collector: Rebecca Bosas

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Haloacetic Acids (HAAs) by EPA 552.3										
Bromoacetic acid (MBAA)	<1.0		µg/L	1.0	0.36	1			05/06/2022 07:13	GFM
Chloroacetic acid (MCAA)	<2.0		µg/L	2.0	0.30	1			05/06/2022 07:13	GFM
Dibromoacetic acid (DBAA)	1.0		µg/L	1.0	0.39	1			05/06/2022 07:13	GFM
Dichloroacetic acid (DCAA)	13		µg/L	1.0	0.20	1			05/06/2022 07:13	GFM
Trichloroacetic acid (TCAA)	4.8		µg/L	1.0	0.12	1			05/06/2022 07:13	GFM
Haloacetic Acids, Total (HAA5)	19		µg/L	1.0		1		60	05/06/2022 07:13	GFM
Sample Preparation by EPA 552.3										
Liquid-Liquid Extraction, HAAs	Complete					1			05/05/2022 09:43	MZT
Volatiles by EPA 524.2										
Bromodichloromethane	4.8		µg/L	0.50		1			05/10/2022 22:04	DTM
Bromoform	<0.50		µg/L	0.50		1			05/10/2022 22:04	DTM
Chloroform	9.3		µg/L	0.50		1			05/10/2022 22:04	DTM
Dibromochloromethane	2.2		µg/L	0.50		1			05/10/2022 22:04	DTM
Trihalomethanes, Total (TTHM)	16		µg/L	0.50		1		80	05/10/2022 22:04	DTM

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WATER QUALITY PARAMETERS

7-13-22

	FREE	TOTAL	Ortho	PH	TEMP
5121 MORRIS	.42 mg/L	.63 mg/L	3.5 mg/L	7.8	61°F
8083 CIVIC	.58	.75	3.02	7.4	64°F
4061 ELMS	.04	.87	.75	7.8	63°F

DID NOT SEND SAMPLE FROM
THIS LOCATION TO LAB

WAP
4061 ELMS

FREE 0.8 mg/L
TOTAL 0.8 mg/L
PH 7.68
TEMP 66.8°F

7/19/2022 10:45 AM

COUNTY TESTED FOR ORTHOPHOSPHATE
810-232-7662
↓
2.17 mg/l

MOVE DOWN TO LAB

RECEIVED

Friday, July 22, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 378992

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded 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.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3789920001	5121 Morrish		D	07/13/2022 10:00	07/13/2022 15:30	B. Becca
3789920002	8083 Civic		D	07/13/2022 11:30	07/13/2022 15:30	B. Becca

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received chilled on natural ice with an average temperature of 1.7 °C on July 13th, 2022.

Analysis Results Narrative

3789920001 - 5121 Morrish - Aluminum, Total

H|Result (or RL) is above Max limit.

3789920002 - 8083 Civic - Aluminum, Total

H|Result (or RL) is above Max limit.

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ANALYTICAL RESULTS

Lab ID: 3789920001 Date Collected: 07/13/2022 10:00 Matrix: Drinking Water, Potable (D)
Sample ID: 5121 Morrish Date Received: 07/13/2022 15:30 Collector: Becca B.
Description:

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	69		mg/L	1.0		1			07/20/2022 10:00	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			07/20/2022 10:00	RTS
Hardness, Total as CaCO ₃	100		mg/L	1.0		1			07/20/2022 10:00	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	07/15/2022 14:03	ERM
Sulfate	23		mg/L	5.0		1		250	07/15/2022 14:03	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.94		NTU	0.05		1		1	07/14/2022 09:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			07/18/2022 11:49	LDP
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	1.0		mg/L	0.025		1			07/14/2022 08:11	LDP
Metals by EPA 200.7										
Aluminum, Total	0.84	*	mg/L	0.010		1		0.20	07/19/2022 10:05	RTS
Metals by EPA 200.8										
Copper, Total	0.0020		mg/L	0.0010		1			07/18/2022 09:30	RTS
Lead, Total	<0.0010		mg/L	0.0010		1			07/18/2022 09:30	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1			07/18/2022 09:30	RTS

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ANALYTICAL RESULTS

Lab ID: 3789920002 Date Collected: 07/13/2022 11:30 Matrix: Drinking Water, Potable (D)
Sample ID: 8083 Civic Date Received: 07/13/2022 15:30 Collector: Becca B.
Description:

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	68		mg/L	1.0		1			07/20/2022 10:00	RTS
Hardness, Magnesium as CaCO ₃	31		mg/L	1.0		1			07/20/2022 10:00	RTS
Hardness, Total as CaCO ₃	99		mg/L	1.0		1			07/20/2022 10:00	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	07/15/2022 14:22	ERM
Sulfate	23		mg/L	5.0		1		250	07/15/2022 14:22	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.41		NTU	0.05		1		1	07/14/2022 09:30	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			07/18/2022 11:49	LDP
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.73		mg/L	0.025		1			07/14/2022 08:11	LDP
Metals by EPA 200.7										
Aluminum, Total	0.36	*	mg/L	0.010		1		0.20	07/19/2022 10:15	RTS
Metals by EPA 200.8										
Copper, Total	0.0043		mg/L	0.0010		1			07/18/2022 09:55	RTS
Lead, Total	<0.0010		mg/L	0.0010		1			07/18/2022 09:55	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1			07/18/2022 09:55	RTS

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Wednesday, July 27, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 379156

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,



Elizabeth Pangborn
Account Coordination Team Leader

GLOSSARY

Abbreviation	Meaning	Explanation
ID	Identification	Preceded by "Lab", it describes the unique 10-digit sample number assigned by the laboratory. Preceded 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.

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SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3791560001	4061 Elms	WSSN: 6505	D	07/19/2022 10:45	07/19/2022 15:39	RB

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received ambient with an average temperature of 23.0 °C on July 19th, 2022.

Analysis Results Narrative

3791560001 - 4061 Elms - Sulfate

The concentration for this analyte was greater than 4X the MS/MSD spike concentration.

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ANALYTICAL RESULTS

Lab ID: 3791560001	Date Collected: 07/19/2022 10:45	Matrix: Drinking Water, Potable (D)
Sample ID: 4061 Elms	Date Received: 07/19/2022 15:39	Collector: RB
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	66		mg/L	1.0		1			07/22/2022 14:50	RTS
Hardness, Magnesium as CaCO ₃	30		mg/L	1.0		1			07/22/2022 14:50	RTS
Hardness, Total as CaCO ₃	96		mg/L	1.0		1			07/22/2022 14:50	RTS
Individual Parameters by EPA 300.0										
Chloride	12		mg/L	5.0		1		250	07/21/2022 13:05	ERM
Sulfate	23	*	mg/L	5.0		1		250	07/21/2022 13:05	ERM
Individual Parameters by SM 2130 B										
Turbidity	0.20		NTU	0.05		1		1	07/20/2022 11:50	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	70		mg/L	10		1			07/22/2022 09:05	LDP
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.65		mg/L	0.025		1			07/20/2022 14:51	LDP
Metals by EPA 200.7										
Aluminum, Total	0.13		mg/L	0.010		1		0.20	07/22/2022 12:45	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1			07/22/2022 10:40	RTS
Lead, Total	<0.0010		mg/L	0.0010		1			07/22/2022 10:40	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1			07/22/2022 10:40	RTS

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3/9/2022
REBECCA

WATER QUALITY PARAMETERS

	pH	TEMP	FREE	TOTAL
5121 MORRIS	8.3	42°F	.4	.5
0023 CIVIC	7.3	47°F	.6	.6
4001 ELMS	7.3	50°F	.6	.6



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

Wednesday, March 16, 2022

Rob Bincsik
Swartz Creek WDS
8083 Civic Drive
Swartz Creek, MI 48473

Workorder: 376140

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

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

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

We appreciate the opportunity to assist you. If you have any questions concerning this report, please contact me at 734.469.5619.

Sincerely,

Elizabeth Pangborn
Account Coordination Team Leader

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GLOSSARY

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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.

SAMPLE SUMMARY

Lab ID	Sample ID	Sample Description	Matrix	Date Collected	Date Received	Collector
3761400001	5121 Morrish	WSSN: 6505	D	03/09/2022 09:35	03/09/2022 15:02	Rebecca
3761400002	8083 Civic	WSSN: 6505	D	03/09/2022 10:00	03/09/2022 15:02	Rebecca
3761400003	4061 Elms	WSSN: 6505	D	03/09/2022 10:20	03/09/2022 15:02	Rebecca

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WORKORDER SUMMARY

Accreditations

Paragon Laboratories, Inc. is certified by the Michigan Department of Environment, Great Lakes, and Energy to analyze Drinking Water. (EGLE Lab No. 9901 Expires 2/25/2023)

Workorder Narrative

General Comments:

Samples were received on natural ice with an average temperature of 2.2°C on March 9, 2022.

Analysis Results Narrative

3761400001 - 5121 Morrish - Aluminum, Total

The MS and/or MSD recovery for this analyte was below the lower control limit.

3761400001 - 5121 Morrish - Sulfate

The concentration for this analyte was greater than 4X the MS/MSD spike concentration.

ANALYTICAL RESULTS

Lab ID: 3761400001	Date Collected: 03/09/2022 09:35	Matrix: Drinking Water, Potable (D)
Sample ID: 5121 Morrish	Date Received: 03/09/2022 15:02	Collector: Rebecca Busas
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	79		mg/L	1.0		1			03/11/2022 16:00	RTS
Hardness, Magnesium as CaCO ₃	34		mg/L	1.0		1			03/11/2022 16:00	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			03/11/2022 16:00	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	03/10/2022 15:52	RTS
Sulfate	25	*	mg/L	5.0		1		250	03/10/2022 15:52	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.23		NTU	0.05		1		1	03/10/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	90		mg/L	10		1			03/11/2022 10:25	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.76		mg/L	0.025		1			03/10/2022 09:32	LDP
Metals by EPA 200.7										
Aluminum, Total	0.054	*	mg/L	0.010		1		0.20	03/11/2022 13:08	RTS
Metals by EPA 200.8										
Copper, Total	0.0017		mg/L	0.0010		1		1.30	03/11/2022 13:30	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	03/11/2022 13:30	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	03/11/2022 13:30	RTS

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ANALYTICAL RESULTS

Lab ID: 3761400002	Date Collected: 03/09/2022 10:00	Matrix: Drinking Water, Potable (D)
Sample ID: 8083 Civic	Date Received: 03/09/2022 15:02	Collector: Rebecca Busas
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	74		mg/L	1.0		1			03/11/2022 16:00	RTS
Hardness, Magnesium as CaCO ₃	35		mg/L	1.0		1			03/11/2022 16:00	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			03/11/2022 16:00	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	03/10/2022 16:34	RTS
Sulfate	25		mg/L	5.0		1		250	03/10/2022 16:34	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.15		NTU	0.05		1		1	03/10/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			03/11/2022 10:25	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.76		mg/L	0.025		1			03/10/2022 09:32	LDP
Metals by EPA 200.7										
Aluminum, Total	0.047		mg/L	0.010		1		0.20	03/11/2022 13:30	RTS
Metals by EPA 200.8										
Copper, Total	0.011		mg/L	0.0010		1		1.30	03/11/2022 13:30	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	03/11/2022 13:30	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	03/11/2022 13:30	RTS

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ANALYTICAL RESULTS

Lab ID: 3761400003	Date Collected: 03/09/2022 10:20	Matrix: Drinking Water, Potable (D)
Sample ID: 4061 Elms	Date Received: 03/09/2022 15:02	Collector: Rebecca Busas
Description: WSSN: 6505		

Parameter	Result	Qual	Unit	RL	MDL	DF	Min	Max	Analyzed	By
Calculated Parameters by SM 2340 B										
Hardness, Calcium as CaCO ₃	74		mg/L	1.0		1			03/11/2022 16:00	RTS
Hardness, Magnesium as CaCO ₃	35		mg/L	1.0		1			03/11/2022 16:00	RTS
Hardness, Total as CaCO ₃	110		mg/L	1.0		1			03/11/2022 16:00	RTS
Individual Parameters by EPA 300.0										
Chloride	11		mg/L	5.0		1		250	03/10/2022 16:48	RTS
Sulfate	25		mg/L	5.0		1		250	03/10/2022 16:48	RTS
Individual Parameters by SM 2130 B										
Turbidity	0.16		NTU	0.05		1		1	03/10/2022 10:00	RTS
Individual Parameters by SM 2320 B										
Alkalinity, Total as CaCO ₃	80		mg/L	10		1			03/11/2022 10:25	SKS
Individual Parameters by SM 4500-P E										
Orthophosphate, as P	0.77		mg/L	0.025		1			03/10/2022 09:32	LDP
Metals by EPA 200.7										
Aluminum, Total	0.049		mg/L	0.010		1		0.20	03/11/2022 13:34	RTS
Metals by EPA 200.8										
Copper, Total	<0.0010		mg/L	0.0010		1		1.30	03/11/2022 13:30	RTS
Lead, Total	<0.0010		mg/L	0.0010		1		0.0150	03/11/2022 13:30	RTS
Zinc, Total	<0.0040		mg/L	0.0040		1		5	03/11/2022 13:30	RTS

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WSSN 6505

3-14-22

FREE CHLORINE RESIDUAL TEST

	TOTAL	FREE
5121 MORRISH ROAD	0.3	0.3
ELMS RD. ELEMENTARY	0.3	0.3
8240 MILLER ROAD		
8083 CIVIC DRIVE	0.5	0.5

Roxanne
732-0079

3-28-22

	TOTAL	FREE
MIDDLE SCHOOL	0.4	0.3
HIGH SCHOOL	0.4	0.4
SYRING SCHOOL	0.5	0.5
3462 DYE ROAD MTA		



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY
USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR SWARTZ CREEK
SWARTZ CREEK MI 48473

Sample ID: LK03746
Work Order: 20301555_01

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	5121 MORRISH RD, SWARTZ CREEK	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	03/14/2022 09:15
Sample Point:	KITCHEN SINK	Date Received:	03/14/2022 11:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			03/14/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
EC Positive = Coliform and E. Coli bacteria were found

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Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

Genesee County Health Dept.
630 South Saginaw
Flint, MI 48502-1540
810 257-3603



RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



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Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR SWARTZ CREEK
SWARTZ CREEK MI 48473

Sample ID: LK03747
Work Order: 20301555_02

System Name/Owner:	GENESEE CO WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	ELM RD ELEMENTARY SCHOOL, SWA	Source:	TYPE III
Collected By:	ROD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	03/14/2022 09:38
Sample Point:	KITCHEN SINK	Date Received:	03/14/2022 11:21
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			03/14/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
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EC Positive = Coliform and E. Coli bacteria were found

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AL: Action Level
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MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
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Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR SWARTZ CREEK
SWARTZ CREEK MI 48473

Sample ID: LK03748

Work Order: 20301555_03

System Name/Owner: GENESEE CO WATER SYSTEM
Collection Address: 8083 CIVIC DR, SWARTZ CREEK
Collected By: ROD
Township/Well#/Section: //
County: Genesee
Sample Point: KITCHEN SINK
Water System: Treated Public Distribution System

WSSN/Pool ID: 6505
Source: TYPE III
Site Code:
Collector: Other
Date Collected: 03/14/2022 09:57
Date Received: 03/14/2022 11:21
Purpose: Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

Coliform Organisms per 100 mL	Not Detected			03/14/2022		SM 9223 B	TC-00-B
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Explanation of Coliform Results: Not Detected = Coliform and E. coli bacteria were not found
Positive = Total Coliform was found and E. coli bacteria was not found
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AL: Action Level
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ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



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Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK05552
Work Order: 20302986_03

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK MIDDLE SCHOOL, SW	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	03/28/2022 10:10
Sample Point:	KITCHEN SINK	Date Received:	03/28/2022 12:30
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			03/28/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

EC Positive = Coliform and E. Coli bacteria were found

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630 South Saginaw
Flint, MI 48502-1540
810 257-3603

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK05551
Work Order: 20302986_02

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SWARTZ CREEK HIGH SCHOOL, SWA	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	03/28/2022 10:40
Sample Point:	KITCHEN SINK	Date Received:	03/28/2022 12:30
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			03/28/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

EC Positive = Coliform and E. Coli bacteria were found

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AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



Official Laboratory Report

Report To: ROB BINCSIK
8083 CIVIC DR
SWARTZ CREEK MI 48473

Sample ID: LK05550
Work Order: 20302986_01

System Name/Owner:	GENESEE COUNTY WATER SYSTEM	WSSN/Pool ID:	6505
Collection Address:	SYRING SCHOOL, SWARTZ CREEK	Source:	TYPE II
Collected By:	JAY SANDFORD	Site Code:	
Township/Well#/Section:	//	Collector:	Other
County:	Genesee	Date Collected:	03/28/2022 10:55
Sample Point:	KITCHEN SINK	Date Received:	03/28/2022 12:30
Water System:	Treated Public Distribution System	Purpose:	Routine Monitoring

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Coliform Organisms per 100 mL	Not Detected			03/28/2022		SM 9223 B	TC-00-B

Explanation of Coliform Results:

Not Detected = Coliform and E. coli bacteria were not found

Positive = Total Coliform was found and E. coli bacteria was not found

EC Positive = Coliform and E. Coli bacteria were found

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