

Trace Analytical Laboratories, Inc.  
2241 Black Creek Road  
Muskegon, MI 49444-2673



231-773-5998 Phone  
888-979-4469 Fax  
www.trace-labs.com

April 12, 2024

Michelle Mrocko  
18010 Pleasant Lake Rd  
Manchester, MI 48158  
clerk@sharontownship.org

RE: Trace Project 24C0351  
Client Project 2023 Be Well Informed Request #3735

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports.

If you have questions concerning this report, please contact your Local Health Department. You can also use this online tool: <https://bewellinformed.info/workbench>

Sincerely,  
Trace Analytical Laboratories, Inc.

**STATE OF MICHIGAN LABORATORY ID: 8001**

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### SAMPLE SUMMARY

Trace Project ID: 24C0351  
Client Project ID: 2023 Be Well Informed Request #3735

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
24C0351-01	Kitchen Faucet	Drinking Water	Client	04/02/24 15:07	04/03/24 10:00

### CERTIFICATE OF ANALYSIS

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## AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

### DEFINITIONS

RDL	Reporting Detection Limit
MCL	Maximum Contamination Limits as set by the Federal Safe Drinking Water Act
AL	Action Level as set by the Federal Safe Drinking Water Act
Not Detected	The compound was not detected by the test method.
Reg Level	Reg Level for all analytes except Copper and Lead is the MCL, for Copper and Lead it is the AL.

**Results that are reported in bold or red have equalled or exceeded the Reg Level.**

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**ANALYTICAL RESULTS**

**Results that are reported in bold or red have equalled or exceeded the Reg Level.**

Sample Location: 2023 Be Well Informed Request #3735

Trace ID: 24C0351-01 Date Collected: 04/02/24 15:07  
 Sample Point Description: Kitchen Faucet Date Received: 04/03/24 10:00

PARAMETERS	RESULTS	RDL	UNITS	PREPARED	BY	ANALYZED	BY	Reg Level
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**METALS, TOTAL**

**Analysis Method: EPA 200.7 Rev. 4.4**

Batch: T149281

Aluminum	Not Detected	0.050	mg/L	4/8/24 10:31	jlh	4/9/24 11:53	jlh	0.20
Boron	Not Detected	0.042	mg/L	4/8/24 10:31	jlh	4/9/24 11:53	jlh	No MCL/AL
Calcium	Not Detected	1.0	mg/L	4/8/24 10:31	jlh	4/9/24 11:53	jlh	No MCL/AL
Iron	Not Detected	0.10	mg/L	4/8/24 10:31	jlh	4/9/24 11:53	jlh	0.30
Magnesium	Not Detected	1.0	mg/L	4/8/24 10:31	jlh	4/9/24 11:53	jlh	No MCL/AL
Sodium	120	1.0	mg/L	4/8/24 10:31	jlh	4/9/24 11:53	jlh	No MCL/AL

**Analysis Method: EPA 200.8 Rev. 5.4**

Batch: T149499

Uranium	Not Detected	0.010	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	No MCL/AL
Antimony	Not Detected	0.0020	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	0.0060
Arsenic	0.0015	0.0010	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	0.010
Cadmium	Not Detected	0.0020	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	0.0050
Chromium	Not Detected	0.010	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	0.10
Copper	Not Detected	0.025	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	1.3
Lead	Not Detected	0.0010	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	0.015
Manganese	Not Detected	0.020	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	0.050
Selenium	Not Detected	0.0020	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	0.050
Zinc	0.060	0.010	mg/L	4/11/24 14:48	acs	4/11/24 18:22	acs	5.0

**Analysis Method: EPA 245.1 Rev. 3.0**

Batch: T149195

Mercury	Not Detected	0.00020	mg/L	4/9/24 10:13	fs	4/9/24 15:28	acs	0.0020
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**WET CHEMISTRY**

**Analysis Method: EPA 300.0 Rev. 2.1**

Batch: T149151

Fluoride	0.39	0.20	mg/L	4/3/24 14:54	bm	4/3/24 19:46	bm	4.0
Chloride	2.5	1.5	mg/L	4/3/24 14:54	bm	4/3/24 19:46	bm	250

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**ANALYTICAL RESULTS**

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Sample Location: 2023 Be Well Informed Request #3735

Trace ID: 24C0351-01 Date Collected: 04/02/24 15:07  
 Sample Point Description: Kitchen Faucet Date Received: 04/03/24 10:00

PARAMETERS	RESULTS	RDL	UNITS	PREPARED	BY	ANALYZED	BY	Reg Level
<b>WET CHEMISTRY</b>								
Nitrate as N	Not Detected	0.20	mg/L	4/3/24 14:54	bm	4/3/24 19:46	bm	10
Nitrite as N	Not Detected	0.20	mg/L	4/3/24 14:54	bm	4/3/24 19:46	bm	1.0
Sulfate as SO4	Not Detected	6.0	mg/L	4/3/24 14:54	bm	4/3/24 19:46	bm	250
<b>Analysis Method: SM 9223B</b>								
<i>Batch: T149143</i>								
Total Coliform	Negative			4/3/24 13:53	ch	4/4/24 17:19	ch	1.0
E. Coli	Negative			4/3/24 13:53	ch	4/4/24 17:19	ch	1.0

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**ANALYTICAL RESULTS**

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Sample Location: 2023 Be Well Informed Request #3735

Trace ID: 24C0351-01 Date Collected: 04/02/24 15:07  
 Sample Point Description: Kitchen Faucet Date Received: 04/03/24 10:00

PARAMETERS	RESULTS	RDL	UNITS	PREPARED BY	ANALYZED BY	Reg Level
<b>METALS, DRINKING WATER</b>						
Analysis Method: SM 2340 B-11						
Batch: [CALC]						
Hardness as Calcium Carbonate	Not Detected	6.6	mg/L	4/8/24 10:31	4/9/24 11:53 jlh	No MCL/AL

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24C0351-01 A  
 Sample 171  
 SAMPLE DATE: 03/06/24 00:00  
 [blank]

**\*\*Return ship Monday thru Wednesday only\*\***

For questions call us at:  
 231-773-5998 Ext. 264

## Sample Information Form

Return this form with samples using provided return-shipping label to:

Trace Analytical Laboratories, Inc.  
 2241 Black Creek Road  
 Muskegon, MI 49444

- Sample **MUST** be shipped the sample day they are collected
- Please check UPS.com/dropoff for the last available **AIR** drop off time in your area.
- See Backside of sheet for Sampling Instructions

Please fill out completely and print clearly:

Sample Name (circle one):	<input checked="" type="checkbox"/> Kitchen Faucet	<input type="checkbox"/> Outside Spigot	<input type="checkbox"/> Bathroom Faucet	<input type="checkbox"/> Other:
Collection Date:	April 2, 2024			
Collection Time:	3:07 pm			
Sample Kit:	Total Coliform, Partial Chemistry, Complete Metals			

Name:	Michelle Brooko
Address:	18610 Pleasant Lake Rd
City:	Manchester
State:	MI
Zip Code:	48158
County:	Washtenaw
Phone number:	734 972 4866
Email Address (required):	clerk@sharptownship.org
Signature*:	
Samples will not be accepted without a signature	

Unpacked By: BV  
 Updated By: BV

**Sample Receipt:**

	Yes	No	N/A
Received on ice:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proper containers:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Received within hold time:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air bubbles absent from VOAs:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Proper chemical preservatives:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Samples preserved at Trace:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Receipt Temperature (°C):	-1.0		



DRINKING WATER LABORATORY -  
 LANSING DEPARTMENT OF  
 ENVIRONMENT, GREAT LAKES, AND  
 ENERGY

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