



7940 Memorial Drive Plain City, Ohio 43064 (614) 873-4654

Date: March 02, 2023

Toronto Water Treatment Plant (1864)

Attn: Garry Daugherty

P.O.Box 189

Toronto, OH 43964

RE: Certificate of Analysis for Project - Public Drinking Water

The following report contains analytical results for samples submitted on the chain of custody dated February 28, 2023.

I have reviewed the validity of the analytical data generated. All data is reported in accordance to our laboratory QA/QC plan. Any exceptions are noted in the Case Narrative or with qualifiers in the report.

If you have any questions or need additional documentation, please contact our Office.

Sincerely,

A handwritten signature in black ink that reads "Cheryl Rex". The signature is written in a cursive style and is positioned above a solid black horizontal line.

Cheryl Rex
MASI Laboratories
QA/QC Officer
cheryl@masilabs.com
(614) 873-4654



CERTIFICATE of ANALYSIS

Microbiological/Inorganic Certification - 877

Organic Certification - 4100

Toronto Water Treatment Plant
 Garry Daugherty
 P.O.Box 189
 Toronto, OH 43964

Client #: 1864
 PO Number: 33097
 Date Received: 2/28/23 15:03
 Ohio EPA Analyzed Date: 3/2/23 14:34

Sampler Name: Garry Daugherty
 Sample Date/Time: 2/28/23 08:05
 Sample Monitoring Point: EP001
 Sample Type: SP
 Sample Tap/Address: Lab Sink, 950 Main Street, Toronto, Ohio 43964

PWSID: OH4102811 Facility ID: 4155325
 Repeat Sample #:
 Total Chlorine (mg/L):
 Free Chlorine (mg/L):
 Combined Chlorine (mg/L):

Sample ID: 81735

Lab Sample # : 3B03347-01 (Potable)

Analyte	Result	Units	Qual	Reporting Limit	MDL	Date/Time Prepared	Date/Time Analyzed	Analyst	Method
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Volatile Organic Chemicals (VOC)

1,1,1-Trichloroethane	ND	ug/L		0.5	0.08	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
1,1,2-Trichloroethane	ND	ug/L		0.5	0.04	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
1,1-Dichloroethene	ND	ug/L		0.5	0.07	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
1,2,4-Trichlorobenzene	ND	ug/L		0.5	0.04	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
1,2-Dichlorobenzene	ND	ug/L		0.5	0.05	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
1,2-Dichloroethane	ND	ug/L		0.5	0.07	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
1,2-Dichloropropane	ND	ug/L		0.5	0.07	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
1,4-Dichlorobenzene	ND	ug/L		0.5	0.07	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Benzene	ND	ug/L		0.5	0.05	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Carbon Tetrachloride	ND	ug/L		0.5	0.1	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Chlorobenzene	ND	ug/L		0.5	0.06	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
cis-1,2-Dichloroethene	ND	ug/L		0.5	0.05	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Ethylbenzene	ND	ug/L		0.5	0.03	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Methylene Chloride	ND	ug/L		0.5	0.07	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Styrene	ND	ug/L		0.5	0.06	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Tetrachloroethene	ND	ug/L		0.5	0.08	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Toluene	ND	ug/L		0.5	0.06	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
trans-1,2-Dichloroethene	ND	ug/L		0.5	0.08	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Trichloroethene	ND	ug/L		0.5	0.08	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Vinyl Chloride	ND	ug/L		0.5	0.07	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2
Total Xylenes	ND	ug/L		1.5	0.2	03/01/23 20:09	03/01/23 20:09	DTS	EPA Method 524.2

<i>Surrogate: 4-Bromofluorobenzene</i>	<i>114%</i>	<i>70-130</i>	<i>EPA Method 524.2</i>
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>88%</i>	<i>70-130</i>	<i>EPA Method 524.2</i>

*The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document.
 No duplication of this report is allowed, except in its entirety.*



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Toronto Water Treatment Plant
Garry Daugherty
P.O.Box 189
Toronto, OH 43964

Client #: 1864
PO Number: 33097
Date Received: 2/28/23 15:03
Ohio EPA Analyzed Date: 3/2/23 14:34

Notes and Definitions

Item	Definition
J	Analyte was positively identified, the associated numerical value is estimated.
ND	Analyte NOT DETECTED at or above the minimum detection limit (MDL)
mg/kg Dry	Sample results reported on a dry weight basis.
ug/L	ppb/Part per Billion.
mg/L	ppm/Part per Million.
!	Analyte is at or above the Maximum Contaminate Level.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

Notes:

1. Calculated analytes are based on raw data and may not reflect the rounding of the individual compounds.
2. Samples are analyzed using the information received on the request sheet and may not be analyzed when the parameters fall outside required guidelines.

MASI

ENVIRONMENTAL
LABORATORIES

7940 Memorial Drive
Plain City, OH 43084
614-873-4654

Potable Water Analysis Request Sheet

3B03347-01/2

AR # 81735

Received: 2/28/2023

Matrix: Potable

Number Must Appear on Bottle:

81735

Important SDS information *:

Client #: 1864 Client Name: Toronto PWS County: Jefferson P.O.# 33099

Sampler Name: Garry Daugherty SMP ID: EP001 Sample Type: Compliance (C)
 New Well (N)
 Special/Other (O)

Sample Tap: Lab Sink Date Collected: 02/28/2023 Time Collected: 08:25
(MM/DD/YY) (hh:mm/am/pm)

Tap Address: 950 main street, Toronto, ON M4A 4A9

Public Sample PWS ID #: 04141028/1 Facility ID #: 4165325 Private Sample

Non-Preserved Parameters	Misc. Parameters & Preservatives	SOC Parameter Groups
<input type="checkbox"/> 183 Asbestos	<input checked="" type="checkbox"/> 154 VOC (Ascorbic Acid/HCL) 524.2	<input type="checkbox"/> 900 GROUP 1 Method 525.2
<input type="checkbox"/> 158 Total (Gross) Alpha	<input type="checkbox"/> 213 TTHM (Ascorbic Acid/HCL) 524.2	<input type="checkbox"/> 899 GROUP 2 Method 515.3
<input type="checkbox"/> 159 Total (Gross) Beta	<input type="checkbox"/> 375 HAA5 (NH4CL) 552.3	<input type="checkbox"/> 903 GROUP 2 Method 531.1
<input type="checkbox"/> 254 Radium 228	<input type="checkbox"/> 171 Toluene 524.2 or 8260	<input type="checkbox"/> 898 GROUP 3 Method 508
	<input type="checkbox"/> 174 BTEX (Ascorbic Acid/HCL)	<input type="checkbox"/> 904 GROUP 3 Method 547
	<input type="checkbox"/> 317 Lithium	<input type="checkbox"/> 905 GROUP 3 Method 549.2
<input type="checkbox"/> 371 UV254	<input type="checkbox"/> 134 Titanium	<input type="checkbox"/> 900 GROUP 4 Method 525.2
<input type="checkbox"/> 354 DOC	<input type="checkbox"/> 157 Total Organic Halogens	<input type="checkbox"/> 901 GROUP 4 Method 548.1
<input type="checkbox"/> 1080 SUVA	<input type="checkbox"/> 366 Hydrogen Sulfide	<input type="checkbox"/> 701 Alachlor 525.2
	<input type="checkbox"/> 123 Sulfide	<input type="checkbox"/> 702 Atrazine 525.2
<input type="checkbox"/> 166 Bromide		<input type="checkbox"/> 707 Simazine 525.2
<input type="checkbox"/> 34 Chloride	<input type="checkbox"/> 1243 HAB Total Microcystins	<input type="checkbox"/> SOC
<input type="checkbox"/> 1195 Bromide Chloride Ratio		<input type="checkbox"/> SOC
<input type="checkbox"/> 746 2,3,7,8-TCDD (Dioxin)	<input type="checkbox"/> 1258 HAB Cyanobacteria Screening	<input type="checkbox"/> SOC
<input type="checkbox"/> 271 PAH 525.2 or 8270		<input type="checkbox"/> SOC
<input type="checkbox"/> 124 Sulfite		<input type="checkbox"/> SOC
<input type="checkbox"/> Other	Office Use Only: <u>12</u>	
<input type="checkbox"/> Other		
<input type="checkbox"/> Other		
<input type="checkbox"/> Other		
<input type="checkbox"/> Other		
<input type="checkbox"/> Other		
		<input type="checkbox"/> 9050 MASI Use Only

N: _____ Total Containers: 1

S: _____

U: _____

Route: _____

Office/Lab: RW 222

COOLER: _____

REVISED 05-19-21 DN

EB