Ontario Ministry of the Environment

O.Reg. 170/03 Community Lead Testing – End of Period Report

(O. Reg. 170/03 under Schedule 15.1)

Instructions

Please complete this form and fax/email directly to:

Ministry of the Environment
Drinking Water Programs Branch

Fax: 416 212-0607

Email: leadsubmission.moe@ontario.ca

Use this form to submit a report to the ministry as required under Section 15.1-9 (6.1) under Schedule 15.1 of O.Reg. 170/03. If you require assistance in completing the form report, please call 1 866 793-2588 (toll free).

The most current version of this form report is posted on the Ministry of the Environment web site at www.ontario.ca/drinkingwater

Part A: Drinking Water System Information

1. Drinking Water System Name

Town of Tecumseh

2. **Drinking Water System (DWS) Number** *(Ministry assigned 9 digits number starting with "2".)*

260004969

3. Drinking Water System Owner

Town of Tecumseh

4. **Report Period** *(Year: yyyy)*

a) ☑ Summer (June 15th to October 15th) b) ☐ Winter (December 15th to April 15th) 5. Year:

Part B: Report Submission Information

	Plumbing	Distribution
6. Number of individual samples		4
7. Number of sampling points (Locations)		N/A
8. Number of individual sample exceedances		0
9. Number of sampling points with an exceedance during the period		N/A
10. Percentage of sample points with an exceedance		N/A

11. Is the system required to have a Corrosion Control Plan prepared under Section 15.1-11 under Schedule 15.1 of O.Reg.170/03?	☐ Yes	☑ No
12. Do the reduced sampling & frequency requirements of Section 15.1-5 under Schedule 15.1 of O.Reg.170/03 apply to the system?	☑ Yes	☐ No
13. Do the plumbing sample exemptions of Section 15.1-5 (9) under Schedule 15 of O.Reg.170/03 apply to the system?	☑ Yes	☐ No

Part C: Form Submission Information

I declare that all the information provided on this form and any attachment(s) is true and correct to the best of my knowledge.

Prepared by *(print name)*	Signature	Date *(yyyy/mm/dd)*	Telephone No. *(including area code)*
Denis Berthiaume		2018/07/03	519-735-2184

Collection of information on this form is collected by the Drinking Water Management Division on behalf of the Ministry of the Environment in accordance with the *Safe Drinking Water Act, 2002* (SDWA) and its regulations. The collection, use and dissemination of this information are governed by the *Freedom of Information and Protection of Privacy Act* (FOIPPA). The information gathered herein will be used for the purpose of corrosion control, and may be used for secondary purposes including reporting, investigating and law enforcement under the SDWA and its regulations. Information contained on this form, including personal information, may be disclosed to other government agencies including municipalities, public health unit employees, the Ministry of Health and Long Term Care, the Ministry of Education and the Ministry of Community and Social Services pursuant to section 42 of FOIPPA for the consistent purpose of administering programs related to drinking water safety.

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Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: DW1806261315-W

REPORT No. B18-18383

Report To:
Town of Tecumseh
1189 LaCasse Blvd,
Tecumseh Ontario N8N 2C7 Canada
Attention: Denis Berthiaume

Caduceon Environmental Laboratories
3201 Marentette Ave. Unit #5
Windsor ON N8X 4G3
Tel: 519-966-9541
Fax: 519-966-9567

DATE RECEIVED: 26-Jun-18
DATE REPORTED: 03-Jul-18
SAMPLE MATRIX: Drinking Water

JOB/PROJECT NO.: Town of Tecumseh
P.O. NUMBER:
WATERWORKS NO. 260004969

		Parameter	Alkalinity(CaCO3) to pH4.5	Lead			
		Units	mg/L	mg/L			
		R.L.	5	0.00002			
		Reference Method	SM 2320B	EPA 200.8			
		Date Analyzed/Site	28-Jun-18/O	29-Jun-18/O			
Client I.D.	**Sample I.D.**	**Date Collected**					
Edgewater @ St. Gregory Hydrant	B18-18383-1	26-Jun-18	77	< 0.00002			
226 St Marks -Hydrant	B18-18383-2	26-Jun-18	79	0.00004			
471 Arlington - Hydrant	B18-18383-3	26-Jun-18	78	0.00010			
395 Kensington - Hydrant	B18-18383-4	26-Jun-18	78	0.00005			

Lorina Merko
Lab Supervisor

R.L. = Reporting Limit
Test methods may be modified from specified reference method unless indicated by an *
Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill,B-Barrie

The analytical results reported herein refer to the samples as received. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.

DRINKING WATER SUBMISSION FORM

CADUCEON ENVIRONMENTAL LABORATORIES
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Indicate Laboratory or Depot Samples are Submitted to
☐ Kingston ☐ Ottawa ☐ Richmond Hill ☒ Windsor ☐ Barrie ☐ London

DRINKING WATER FACILITY CLASSIFICATION

☒ Municipal	☐ Non-Municipal	☐ Reg. 170/03
☒ Large	☐ Small	☐ Reg. 318/08 & 319/08
☐ Residential	☐ Non-Residential	☐ Reg. 243/07
☐ Seasonal	☐ Year-Round	☐ Private Well Water
☐ Other:		

REPORT NUMBER (Lab Use)

Organization: TOWN OF TECUMSEH	Waterworks Address: TOWN OF TECUMSEH 1189 LACASSE BLVD TECUMSEH ON. N8N 2C7	Invoicing Address (if different):
Contact: DENIS BERTHIAUME		
Tel: 519-991-7071 / Fax: 519-735-1895		
After Hours Tel: 519-991-7071 / Public Health Unit:	Waterworks No.: 260004969	Project Name/No.: TOWN OF TECUMSEH
Email:	Quote No.:	P.O. No.:

ANALYSES REQUESTED

Lab No.	Sample Source and/or Sample Identification	S.P.L.	Sample Matrix*	Date Collected (yy-mm-dd)	Time Collected	Adverse Resample	Total Coliform / E.coli (Microbiological)	Background (Microbiological)	Heterotrophic Plate Count (Microbiological)	Sodium (Chemical)	Lead (Chemical)	Fluoride (Chemical)	Trihalomethanes (Chemical)	HAA's (Chemical)	Nitrite, Nitrate as N (Chemical)	Sch. 23 Inorganics (Chemical)	Sch. 24 Organics (Chemical)	ALKALINITY (Other)	DISTRIBUTION (Other)	Other	Chlorine Free	Chlorine Total	# Bottles/ Sample
1	EDGEWATER @ ST. GREGORY - HYDRANT		DW	18-06-26	10:30AM	NO					✓							✓	✓				2
2	226 ST. MARKS - HYDRANT		DW	18-06-26	10:51AM	NO					✓							✓	✓				2
3	471 ARLINGTON - HYDRANT		D.W.	18-06-26	11:20AM	NO					✓							✓	✓				2
4	395 KENSINGTON - HYDRANT		D.W	18-06-26	11:43AM	NO					✓							✓	✓				2

* Sample Matrix Legend: TW = Treated Water, DW = Distribution Water, GW = Raw Groundwater, SW = Raw Surface Water, UGW = Untreated Groundwater (Drinking Water/Distribution)
GUDI = Groundwater under the influence of surface water, PR = Plumbing Residential, PNR = Plumbing Non-Residential ** Fastest possible TAT achievable (same day if applicable) *** See Caduceon General Turnaround Time Terms

TURNAROUND TIME REQUESTED

Summary of Surcharges ***
- ☐ Platinum 200% - same day**
- ☐ Gold 100% - 24 Hour
- ☐ Silver 50% - 48 Hours
- ☐ Bronze 25% - 72 Hours
- ☒ Standard 5-7 days
- ☐ Specific Date: _____

Has Lab Service Notification (LSN) Form been completed & submitted to the MOE/PHU? ☒ Yes ☐ No ☐ Not Applicable
Laboratory Analysis will not commence until all Notification information is received and the Submission form is appropriately completed

SAMPLE SUBMISSION INFORMATION

	Sampled by	Submitted by
Print:	JAMIE BALKWILL	JAMIE BALKWILL
Sign:		
	18-06-26 11:43AM	18-06-26 1:44 PM
	Date (yy-mm-dd)/Time	Date (yy-mm-dd)/Time

SHIPPING INFORMATION
- ☐ Courier (Client account)
- ☐ Courier (Caduceon account)
- ☐ Drop Off
- ☐ Caduceon (Pick-up)

Invoice ☐
# of Pieces

REPORTING / INVOICING
- ☐ Report by Fax
- ☐ Report by Email
- ☐ Invoice by Email
- ☐ Invoice by Mail

SAMPLE RECEIVING INFORMATION (LABORATORY USE ONLY)

Received By (print): SAYHAS Signature: [signature]
Date Received (yy-mm-dd): 180626 Time Received: 1:15
Laboratory Prepared Bottles: ☒ Yes ☐ No
Sample Temperature °C: 14 Labeled by:

Comments:

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DW 180626B/15

Ontario

Ministry of the Environment

Community Lead Testing - Sampling and Action log

Date Sampled (dd/mm/yy)	Sampling Location	911 Street Address (for plumbing samples)	Corresponding Distibution Sample Location ID if applicable (2)	Sample Type	Re-sample? (3)	Possible Lead Source if information available (4)	Lead Results (mg/L)	
							1st Litre	2nd Litre (if plumbing)
26/06/2018	hydrant	Edgewater & St Gregory		distribution	no		0.00002	
26/06/2018	hydrant	226 St Marks		distribution	no		0.00004	
26/06/2018	hydrant	471 Arlington		distribution	no		0.00014	
26/06/2018	hydrant	395 Kensington		distribution	no		0.00005	

Alkalinity Result - mg/L (5)	pH Result	Date Lead Results Received (dd/mm/yy)	Date Lead Results Provided to Occupant (dd/mm/yy)	Delivery Method	AWQI number (6)	Corrective Action directed by Health Unit	Corrective Action taken by Municipality (7)	Additional Comments
77	8.2	03/07/2018	N/A	email	N/A	N/A	N/A	
79	8.28	03/07/2018	N/A	email	N/A	N/A	N/A	
78	8.25	03/07/2018	N/A	email	N/A	N/A	N/A	
78	8.32	03/07/2018	N/A	email	N/A	N/A	N/A	

TOWN OF Tecumseh
ONTARIO · CANADA

WATER DIVISION
COMMUNITY LEAD TESTING DATA SHEET

PLEASE PRINT ALL INFORMATON

Document Verified by (Initials Only)	

Location	EDGEWATER @ ST. GREGORY	Date	JUNE 26 2018
Operator (print)	MIKE / JAMIE		
Operator Signature			

SAMPLE LOCATION	TYPE OF SAMPLE
☐ Kitchen	☐ Private Residential
☐ Bathroom	☐ Non-Residential
☒ Hydrant	☒ Distribution
☐ Sample Station	
☐ Flushing Station	
☐ Other:	

FILTER DEVICE	SAMPLE TAKEN
☒ No Filter Device	☒ Lead Sample #1
☐ Filter Device	☐ Lead Sample #2
☐ Bypass	☒ Alkalinity
☐ Filter Removed	☒ pH 8.20
☐ Other:	

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	10:20 AM
Time of First Sample Taken	10:30 AM

Comments

TOWN OF Tecumseh
ONTARIO · CANADA

WATER DIVISION
COMMUNITY LEAD TESTING DATA SHEET

PLEASE PRINT ALL INFORMATON

Document Verified by (Initials Only)	MD

Location	226 ST. MARKS	Date	JUNE 26 2018
Operator (print)	MIKE / JAMIE		
Operator Signature			

SAMPLE LOCATION	TYPE OF SAMPLE
☐ Kitchen	☐ Private Residential
☐ Bathroom	☐ Non-Residential
☒ Hydrant	☒ Distribution
☐ Sample Station	
☐ Flushing Station	
☐ Other:	

FILTER DEVICE	SAMPLE TAKEN
☒ No Filter Device	☒ Lead Sample #1
☐ Filter Device	☐ Lead Sample #2
☐ Bypass	☒ Alkalinity
☐ Filter Removed	☒ pH 8.28
☐ Other:	

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	10:36 AM
Time of First Sample Taken	10:51 AM

Comments

TOWN OF Tecumseh
ONTARIO · CANADA

WATER DIVISION
COMMUNITY LEAD TESTING DATA SHEET

PLEASE PRINT ALL INFORMATON

Document Verified by (Initials Only)	

Location	471 ARLINGTON	Date	JUNE 26 2018
Operator (print)	MIKE/JAMIE		
Operator Signature			

SAMPLE LOCATION	TYPE OF SAMPLE
☐ Kitchen	☐ Private Residential
☐ Bathroom	☐ Non-Residential
☒ Hydrant	☒ Distribution
☐ Sample Station	
☐ Flushing Station	
☐ Other:	

FILTER DEVICE	SAMPLE TAKEN
☒ No Filter Device	☒ Lead Sample #1
☐ Filter Device	☐ Lead Sample #2
☐ Bypass	☒ Alkalinity
☐ Filter Removed	☒ pH 8.25
☐ Other:	

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	11:07AM
Time of First Sample Taken	11:20AM

Comments

TOWN OF Tecumseh ONTARIO · CANADA

WATER DIVISION

COMMUNITY LEAD TESTING DATA SHEET

PLEASE PRINT ALL INFORMATON

Document Verified by (Initials Only)	

Location	395 KENSINGTON	Date	JUNE 26/18
Operator (print)	MIKE / JAMIE		
Operator Signature			

SAMPLE LOCATION	TYPE OF SAMPLE
☐ Kitchen	☐ Private Residential
☐ Bathroom	☐ Non-Residential
☒ Hydrant	☒ Distribution
☐ Sample Station	
☐ Flushing Station	
☐ Other:	

FILTER DEVICE	SAMPLE TAKEN
☒ No Filter Device	☒ Lead Sample #1
☐ Filter Device	☐ Lead Sample #2
☐ Bypass	☒ Alkalinity
☐ Filter Removed	☒ pH 8.32
☐ Other:	

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	11:29 AM
Time of First Sample Taken	11:43 AM

Comments