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: 2018

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		2018/12/21	519 818-9611

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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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)
18/12/2018	hydrant	305 Burdick		distribution	no		0.00003	
18/12/2018	hydrant	226 Coronado		distribution	no		0.00015	
18/12/2018	hydrant	1728 Shawnee		distribution	no		0.00004	
18/12/2018	hydrant	S/E St Anne & Maisonneuve		distribution	no		0.00009	

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
92	6.92	21/12/2018	N/A	email	N/A	N/A	N/A	
89	7.01	21/12/2018	N/A	email	N/A	N/A	N/A	
84	6.85	21/12/2018	N/A	email	N/A	N/A	N/A	
89	6.95	21/12/2018	N/A	email	N/A	N/A	N/A	

CADUCEON ENVIRONMENTAL LABORATORIES

Laboratory

- [ ] Kingston
- [ ] Ottawa
- [ ] Peterborough
- [x] Windsor

Community Lead Testing Drinking Water Submission Form

Drinking Water Facility Classification

- [x] Municipal
- [ ] Non-Municipal
- [x] Large
- [ ] Small
- [ ] Residential
- [ ] Non-Residential
- [ ] Seasonal
- [ ] Year-Round

Turnaround Time Requested

- Rush 24 Hr [ ] 100% Surcharge
- Rush 48 Hr [ ] 50% Surcharge
- Rush 72 Hr [ ] 25% Surcharge
- 5-7 Day [x] Standard
- Specific Date:

Client: Town of Tecumseh

Contact: Denis Berthiaume

Tel: 519-991-7071 Fax: 519-735-1895

After Hours Tel: 519-991-7071

Email: dberthiaume@tecumseh.ca

Waterworks Address: Town of Tecumseh, 1189 Lacasse Blvd., Tecumseh ON N8N 2C7

Waterworks No.: 260004969

Quote No.:

Invoicing Address (if different):

Project Name/No.: Town of Tecumseh

P.O. No.:

REPORT NUMBER

Lab No.	Street Address / Sample Identification	Tap Location (kitchen, fountain, lunchroom, etc)	Date Collected (dd-mm-yyy)	Time Collected	Non Residential	Private Residential	Distribution Sample	Re-Sample	Left On	Removed		Lead	Alkalinity			# Bottles/Sample
					Sample Information				Lead Filter Device			Analyses				
					By Using an √ Mark All That Apply											
1	305 Burdick	Hydrant	18.12.2018	9:18 Am			√					√	√			2
2	226 Coronado	Hydrant	18.12.2018	9:44 Am			√					√	√			2
3	1728 Shawnee	Hydrant	18.12.2018	10:17 Am			√					√	√			2
4	South/East St Anne & Maisonneuve	Hydrant	18.12.2018	10:40 Am			√					√	√			2

Sample Submission Information

Sampled By (print): Shawn Laporte

Submitted By (print): Shawn Laporte

Signature: SL

Date (yy-mm-dd): 2018.12.18 Time: 10:59 Am

Shipping Information

- Courier (Client account) [ ]
- Courier (Caduceon account) [ ]
- Drop Off [√]
- Caduceon (Pick-up) [ ]

Invoice [ ]

# of Pieces: 8

Reporting and Invoicing

- Fax Results [ ]
- Email Results [X]
- Invoice by Email [ ]
- Invoice by Mail [ ]

LABORATORY USE ONLY

Received By (print): Signature:

Date Received (yy-mm-dd): Time Received: 11:00

Comments:

Lab Prepared Bottles: [X] YES [ ] NO

Temp °C: Page 1 of 1

* Sample Matrix Legend: TW = Treated Water DW = Distribution Water Tap = Tap Water GW = Raw Groundwater SW = Raw Surface Water GUDI = Groundwater under the influence of surface water

Ontario Laboratory Locations/ Shipping Addresses

Kingston Lab - 285 Dalton Ave., Kingston, ON K7K 6Z1, Tel: (613) 544-2001 Fax: (613) 544-2770 Email: contactkingston@caduceonlabs.com

Ottawa Lab - 2378 Holly Lane, Ottawa, ON K1V 7P1, Tel: (613) 526-0123 Fax: (613) 526-1244 Email: contactottawa@caduceonlabs.com

Peterborough Lab - #206-160 Charlotte St., Peterborough, ON K9J 2T8, Tel: (705) 748-1500 Fax: (705) 748-6514 Email: contactpeterborough@caduceonlabs.com

Windsor Lab - 3201 Marentette Ave., Windsor, ON N8X 4G3, Tel: (519) 966-9541 Fax: (519) 966-9597 Email: contactwindsor@caduceonlabs.com

CLT 181218100-W

White: Lab Copy / Yellow: Invoicing Copy / Pink: Client Copy

CADUCEON ENVIRONMENTAL LABORATORIES
Client committed. Quality assured.

CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: DW1812181100-W

REPORT No. B18-38424

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: 18-Dec-18
DATE REPORTED: 21-Dec-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		19-Dec-18/O	20-Dec-18/O			
Client I.D.	**Sample I.D.**	**Date Collected**					
305 Burdick	B18-38424-1	18-Dec-18	92	0.00003			
226 Coronado	B18-38424-2	18-Dec-18	89	0.00015			
1728 Shawnee	B18-38424-3	18-Dec-18	84	0.00004			
South/East St Anne & Maisonneuve	B18-38424-4	18-Dec-18	89	0.00009			

Lorina Merko
Lab Supervisor

R.L. = Reporting Limit
Test methods are 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.

TOWN OF Tecumseh ONTARIO · CANADA

WATER DIVISION

COMMUNITY LEAD TESTING DATA SHEET

PLEASE PRINT ALL INFORMATON

Document Verified by (Initials Only)	MP

Location	305 Burdick	Date	Dec 18, 2018
Operator (print)	Shawn Laporte, Mike Hardy		
Operator Signature	SL		

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 6.92
☒ Other: Temperature 9.2 °C	

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	9:00 AM
Time of First Sample Taken	9:18 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 Coronado	Date	Dec 18, 2018
Operator (print)	Shawn Laporte, Mike Hardy		
Operator Signature	SL		

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 7.01
☒ Other: Temperature 8.2°C	8.2°C

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	9:25 Am
Time of First Sample Taken	9:44 Am

Comments

TOWN OF Tecumseh ONTARIO · CANADA

WATER DIVISION

COMMUNITY LEAD TESTING DATA SHEET

PLEASE PRINT ALL INFORMATON

Document Verified by (Initials Only)	MP

Location	1728 Shawnee	Date	Dec 18, 2018
Operator (print)	Shawn Laporte, Mike Hardy		
Operator Signature	SL		

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 6.85
☒ Other: Temperature 7.5°C	

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	10:00 Am
Time of First Sample Taken	10:17 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	S/E corner of St Anne & Maisonneuve	Date	Dec 18, 2018
Operator (print)	Shawn Laporte, Mike Hardy		
Operator Signature	SL		

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 6.95
☒ Other: Temperature 9.4°C	

Distance from Private or Non-Residential	N/A Meters
Location from Private or Non-Residential	N/A
Flushing Start Time	10:23 Am
Time of First Sample Taken	10:40 Am

Comments

EcoSense® pH10A Calibration Record

Date DD/MM/YYYY	Calibration	Operator	Comments
30/08/2017	3 POINT	TAS	-CALIBRATION, NEW PROBE INSTALLED.
28/09/2017	3 POINT	TAS	-ROUTINE CALIBRATION
29/09/2017	3 POINT	TAS	-ROUTINE CALIBRATION
02/10/2017	3 POINT	TAS	-ROUTINE CALIBRATION
04/10/2017		TAS	-BATTERIES REPLACED (357/303)
06/10/2017	3 POINT	TAS	-ROUTINE CALIBRATION
13/10/2017	3 POINT	TAS	-ROUTINE CALIBRATION
19/12/2017	3 Point	GB	-Routine Calibration
06/03/2018	3 POINT	TAS	-ROUTINE CALIBRATION
21/03/2018	3 POINT	TAS	-ROUTINE CALIBRATION
25/06/2018	3 Point	GB	-Routine Calibration
10/09/2018	3 POINT	TAS	-ROUTINE CALIBRATION
01/10/2018	3 POINT	TAS	-ROUTINE CALIBRATION
03/12/2018	3 POINT	TAS	-ROUTINE CALIBRATION
03/12/2018	SET TIME	TAS	-SET TIME
18/12/2018	3 POINT	DF	-ROUTINE CALIBRATION