



Drinking Water System for the Municipality of Lakeshore

Tecumseh DS 2024 Annual Report

Tecumseh Drinking Water System 2024 Annual Report

Drinking-Water System Number: 260004982

Drinking-Water System Name: Tecumseh DS

Drinking-Water System Owner: Municipality of Lakeshore

Drinking-Water System Category: Small Municipal Drinking Water System

Period being reported: January 1st to December 31st, 2024

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people?

Yes No

Is your annual report available to the public at no charge on a web site on the Internet?

Yes No

Location where Annual Report required under O. Reg. 170/03 Schedule 11 will be available to the public.

Lakeshore.ca/Reports

419 Notre Dame Steet, Belle River, ON, N8L 0P8

Complete for all other Categories

Number of Designated Facilities served: N/A

Did you provide a copy of your annual report to all Designated Facilities you serve? N/A

Number of Interested Authorities you report to: N/A

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? N/A

List all Drinking-Water Systems (if any), which receive all their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
N/A	N/A

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all its drinking water?

Yes No N/A

Indicate how you notified system users that your annual report is available and is free of charge.

Public access/notice via the web

Public access/notice via a newspaper

Describe your Drinking-Water System

Tecumseh Drinking Water System 2024 Annual Report

This service area distributes water to the area generally bounded by Manning Road (County Road 19), by Kings Highway 401, by Scott Side Road and by County Road 42. This system receives water from the Windsor Water System through the Town of Tecumseh Water Distribution System.

Were any significant expenses incurred too?

- Install required equipment
- Repair required equipment
- Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Water Meter Replacement \$493,097 (All Systems)
 AMI Antenna Replacement Project \$195,998 (All Systems)

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date

Microbiological testing was completed under Schedule 10, 11 or 12 of Regulation 170/03 during this reporting period.

	Number of Samples	Range of E. coli Results (min #) - (max #) (CFU/100mL)	Range of Total Coliform Results (min #) - (max #) (CFU/100mL)	Number of HPC Samples	Range of HPC Results (min #) - (max #) (CFU/100mL)
Distribution - Routine	106	0-0	0-0	52	0-20
Distribution Water main Repairs/new installations/ service repairs	N/A				

Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.

Date of legal instrument issued	Parameter	Date Sampled (YYYY-MM-DD)	Result (µg/L)	Rolling Annual Average Quarter (µg/L)
Municipal Drinking Water License	TTHM	2024-Feb-27	31	32.5
		2024-May-29	25	31.5
		2024-Sept-12	22	25.75
		2024-Dec-10	11	22.25

Tecumseh Drinking Water System 2024 Annual Report

Notes:

1. Maximum Allowable Concentration (MAC) for THM is based on a four-quarter rolling annual average of 0.100 mg/L or 100.0 ug/L

Parameter	Sample Date (YYYY-MM-DD)	Result Value (ug/L)	Rolling Annual Average Quarter (ug/L)	Exceedance
HAA5 1 st Quarter	2024-Feb-27	8.6	16.4	No
HAA5 2 nd Quarter	2024-May-29	15.6	15.1	No
HAA5 3 rd Quarter	2024-Sept-12	<5.3	9.625	No
HAA5 4 th Quarter	2024-Dec-10	<5.3	8.7	No

Notes:

1. Maximum Allowable Concentration (MAC) for HAA is based on a four-quarter rolling annual average of 0.080 mg/L or 80.0 ug/L

Summary of lead testing under Schedule 15.1 during this reporting period

Location Type	Number of Total Samples	Range of Lead Results min# – max # (mg/L)	Number of Exceedances 1 st Sample
Distribution	4	<0.00002 – 0.00002	0
Location Type	Number of Total samples	pH (min # - max #)	
Distribution	4	7.34 – 7.61	
Location Type	Number of Total samples	Alkalinity mg/L (min # - max #)	
Distribution	4	82 – 98	

Notes:

1. Maximum Allowable Concentration (MAC) for lead is 0.010 mg/L or 10.0 ug/L.
2. Only Distribution lead samples above 0.010 mg/L or 10.0 ug/L are reportable.

Glossary

AWQI = adverse water quality indicator
 CFU = colony forming units
 DWS = drinking water system
 DS = distribution system
 EA = Environmental Assessment
 HAA5 = total haloacetic acid
 mg/L = milligrams per liter
 MDWL = Municipal Drinking Water License
 TTHM = trihalomethane
 ug/L = micrograms per liter
 WTP = water treatment plant

Tecumseh Drinking Water System 2024 Annual Report

Contact for more information:

Dave Lauzon

Compliance Coordinator

Email: watercompliance@lakeshore.ca

Jason Barlow

Division Leader – Water Management

Email: jbarlow@Lakeshore.ca