



WAWA DRINKING WATER SYSTEM

Annual and Summary Report 2025



Prepared by:
Water & Sewer Department
Infrastructure Services

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1.0 Introduction

1.1 Requirements of the Summary Report

The 2025 Annual and Summary Report for the Municipality of Wawa Drinking Water System (DWS) are being submitted to satisfy both Section 11 and Schedule 22 of the Ontario Regulation 170/03. The requirements of the regulation for each report have been consolidated into a single document. This report is intended to brief the owner and the consumers of the Wawa Drinking Water System on the system's performance over the past calendar year January 1, to December 31, 2025.

This report encompasses all elements as required by O. Reg. 170/03. Each section explains what is required for the category Large Municipal Residential DWS (as it pertains to the Wawa DWS), how limits were met and if shortfalls were revealed.

1.2 Background

The Wawa water supply system serves the Community of Wawa– sometimes referred to as the Wawa townsite and the Michipicoten River Village– which are located within the Municipality of Wawa, District of Algoma. The facility is owned, maintained, and operated by The Corporation of the Municipality of Wawa and serves approximately 3,000 people. There are no major industrial users in the community.

The Wawa Water Treatment Plant (WTP) is located at 40C Broadway Avenue, at the north-east corner of Ganley Street and McKinley Avenue. The plant was constructed in accordance with Certificate of Approval 7008-648JTL issued by the Ministry of the Environment, Conservation and Parks (MECP) and remedied the deficiencies of the original plant. The WTP includes a low lift pumping station, membrane filtration system, disinfection utilizing sodium hypochlorite, fluoridation using hydrofluosilicic acid, chlorine contact cells, treated water storage, high lift pumping and a standby generator. The WTP has a rated capacity of 7,880 m³/day.

1.3 Facility Specifics

- The Wawa Water Treatment Plant is a Class II Plant. This type of facility requires the Overall Responsible Operator (ORO) to have a Class II Operator License. The Water and Wastewater Lead Hand possess a Class II Water Treatment License and a Class I Water Distribution License.
- Maximum rate of Raw Water Taking: 25,000 m³/day
- Waterworks Number: 210000050

1.4 Format

Chapter 2 of this report deals with the performance of the system and compliance with the requirements of the Act, Regulations, the system's approval, drinking water works permit, municipal drinking water license and any orders applicable to the system that were not met at any time during the period covered by the report.

Chapter 3 presents conclusions of the performance of the system.

2.0 System Requirements

2.1 The Act and Regulations

2.1.1 General

The system was compliant with the Act and Regulations during 2025.

2.1.2 Municipal Drinking Water Licence

MUNICIPAL DRINKING WATER LICENCE (2), Licence Number: 231-101 (Issue 4), Issued August 12, 2021.

Licence Expiry Date is June 2, 2026, with an application for licence renewal date of December 3, 2025.

2.1.3 Drinking Water Works Permit

DRINKING WATER WORKS PERMIT (2), Permit Number: 231-201, Issued August 12, 2021.

2.1.4 Permit to take Water

The new Permit to Take Water (PTTW) # 0627-DQBTSH, which renews, and replaces PTTW #8801-A3ZKAL, was issued to The Corporation of the Municipality of Wawa on January 26, 2026.

The Permit to take Water expires on December 1, 2035.

2.1.5 MECP Inspection Report

The Ministry of Environment, Conservation and Parks (MECP) inspection report outlines the design, operating requirements, and observations of the inspector, and includes recommendations and orders where required. Additional items are identified as best practices and serve as a guide to the Municipality and its Operators.

The MECP completed their 2024/2025 inspection of the Wawa Drinking Water System on August 29, 2025, and completed the inspection on August 29, 2025 (Event No. 1-207775752). This inspection, completed by Ministry Inspector Marc Roberge is conducted annually (or more often as required) and can be either announced, in which the operators have advance notification of the inspection, or unannounced, wherein no notice is given. This report was submitted to the Municipality of Wawa on November 28, 2025. The inspection report which follows a structured format, outlines the design, operating requirements and observations of the inspector, along with recommendations and orders where required. Additional items are identified as "Best Practices" and serve as a guidance to the Municipality and operators. Also with the inspection there is inspection summary rating record. The report and inspection rating is attached as Appendix D.

There were no non-compliance or additional actions identified in the 2024/2025 inspection report.

2.1.6 Drinking Water Quality Management Standard (DWQMS)

The Drinking Water Quality Management Standard (DWQMS) is a made in Ontario management standard developed specially by the drinking water sector for municipal

residential drinking water systems. It is also a tool for Owners and Operators of a drinking system to help ensure that consistent processes and procedures are in place to manage production and delivery of high-quality drinking water.

The development and implementation of the Municipal Drinking Water Licensing Program is based on Justice O'Connor's recommendations in the Walkerton Inquiry Report. A municipal drinking water license is an approval that is issued by the Ministry of the Environment to owners under the Safe Drinking Water Act, 2002 (SDWA) for the operation of municipal residential drinking water systems.

The Municipality of Wawa DWS received their Certificate of Accreditation for a Full Scope Drinking Water Quality Management Standard (DWQMS) renewal on January 12, 2026. The Certificate of Accreditation is attached as Appendix C.

2.2 Operational Checks, Sampling and Testing

2.2.1 Continuous Monitoring Equipment

In accordance with the Drinking Water Works Permit (Issue 4), the Wawa WTP is equipped with continuous monitoring equipment to sample and test for free chlorine residual, turbidity and fluoride concentration in the water leaving the plant. These parameters and others—such as pH—are measured at critical points in the treatment sequence to assist with operational decision making. The data is transmitted to and archived in a designated SCADA system computer in the main control room. The SCADA system analyzes and archives the data to generate daily, monthly and annual reports. Operational set points are programmed into the SCADA system which triggers an auto-dialer if an alarm condition occurs. The auto-dialer notifies Operational Personnel of any potential problems.

2.2.2 Free Chlorine Residual

Free chlorine residual is monitored continuously and recorded every second going into the chlorine contact chambers. This is consistent with the requirements in Schedule 7 of Regulation 170/03 that indicated that "...sampling and testing for free chlorine residual is carried out by continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed in accordance with the Ministry Procedure for Disinfection of Drinking Water in Ontario."

Chlorine residual readings of the water entering the clear wells for the year was averaged at 0.85 mg/L and for water being pumped to the distribution system was averaged at 0.84 mg/L. Refer to Table 1 for the minimum and maximum.

2.2.3 Turbidity

At the Wawa Water Treatment Plant, turbidity is continuously monitored in the effluent from each of the three membrane filter skids and recorded every second, consistent with Regulation 170/03. From January 1 to December 31, 2025 the average turbidity from all three skids was 0.03 NTU.

The Ministry Procedure for Disinfection of Drinking Water in Ontario further requires that filtered water turbidity from membrane filtration processes be less than or equal to 0.10 NTU in 95% of the measurements each month in order to claim 2.0 + log

cryptosporidium removal credit. Information from the operations at the plant indicates that this condition was met.

The turbidity for the water being pumped to distribution is also monitored and recorded every second. From January 1 to December 31, 2025, the average was 0.05 NTU. Refer to Table 1 below for the minimum and maximum.

2.2.4 Fluoride

At the Wawa Water Treatment Plant, fluoride is continuously monitored in the discharge from the high lift pumps and recorded at one second intervals. The average of the concentration recorded for the period of January 1 to December 31, 2025 was 0.73 mg/L. Regulation 170/03 (Schedule 7, sub.7.4) only requires fluoride testing once every day.

As per Ontario regulation 169/03 for Ontario Drinking Water Quality Standards the Maximum Allowable Concentration for fluoride is 1.5 mg/L for systems that provide fluoridation and if you have an exceedance of the Maximum Allowable Concentration, it is to be treated as an indicator of adverse water quality and must be reported to the proper authorities. There were no fluoride adverse incidents. Refer to Table 1 below for the minimum and maximum.

Table 1: Annual Summary of Operational Checks for 2025

Parameter	Number of Samples	Minimum	Average	Maximum
Free Chlorine Residual Entering CT Chamber (mg/L)	Online Analyzer (sample every second)	0.63	0.99	5.00
Free Chlorine Residual Pumped to the Distribution System (mg/L)	Online Analyzer (sample every second)	0.40	0.85	%.00
Turbidity Effluent from Each of the Three Membrane Filter Skids (NTU)	Online Analyzer (sample every second)	0.03	0.03	0.03
Fluoride Residual Pumped to the Distribution System (mg/L)	Online Analyzer (sample every second)	0.40	0.73	2.00
Distribution System Turbidity (NTU)	Online Analyzer (sample every second)	0.02	0.05	0.34

Note: The minimum and maximum residuals do not show true; there are the “spikes” in the readings that are caused by routine maintenance on analyzers (turning power off and back on). After maintenance, Operations Staff complete grab samples to calibrate the unit. This method has been discussed with and accepted by the Ministry of the Environment, Conservation and Parks.

2.2.5 Microbiological Sampling and Testing

The Regulation requires that:

1. In the distribution system, a minimum of twelve samples must be taken monthly and tested for:
 - E-Coli;
 - Total Coliforms; and
 - HPC (25% of the samples tested for this).

At least one of these samples must be taken every week.

2. Treated water samples at the Wawa WTP are to be taken at least once every week and tested for:
 - E-Coli or Fecal Coliform;
 - Total Coliforms; and
 - HPC.
3. Raw water samples at the WTP are to be taken at least once every week and tested for:
 - E-Coli; and,
 - Total Coliform.

Testing has conformed to the requirements of Regulation 170/03.

2.2.6 Chemical Testing

In accordance with Ontario Regulation 170/03, Schedule 13 – Chemical Sampling and Testing, for Large Municipal Residential System with surface water supply, the following testing is to be performed annually:

- Schedule 23 – Inorganic parameters;
- Schedule 24 – Organic parameters; and
- Lead – new mandatory testing since December 2007 – of testing for lead in the distribution system and into household plumbing. Refer to Table 2 on the for results from the 2023 lead sampling in the Municipality.

Table 2: Summary of Annual Lead Testing under Schedule 15.1

	Number of Samples	Range of Lead Results (min # - max #)	Number of Exceedances
Plumbing	N/A	N/A	N/A
Distribution	4	<1.0 -	0

Note: As per the Amended Reg.170/03 (Drinking Water System) made under the Safe Drinking Water Act, 2002, the Community Lead Testing Program (Schedule 15.1) The Municipality of Wawa is now exempt from plumbing sampling for lead. As

per Drinking Water System Regulation 170/03, made under the Safe Drinking water Act 2002, schedule 15.1-4 subsection 10.

In accordance with Ontario Regulation 170/03, Schedule 13 – Chemical Sampling and Testing, for Large Municipal Residential System with surface water supply, the following testing is to be performed quarterly:

- THM;
- HAA; and
- Nitrates and Nitrites.

In accordance with Ontario Regulation 170/03, Schedule 13 – Chemical Sampling and Testing, for Large Municipal Residential System with surface water supply, the following testing is to be performed every 60 months:

- Sodium

A review of the Municipality's records confirmed that all testing was performed as required during this reporting period. There was one incident of low pressure in the distribution system as a result of a power failure to the WTP's PLC. A BWA was not issued and subsequent distribution system sampling indicated that the drinking water distribution system was not adversely affected by the drop in pressure.

In 2014, the annual average for THMs in the Municipality's drinking water was 112.9 µg/L, exceeding the current allowable concentration of 100 µg/L. This does not pose any short-term or acute health risk. However, the Algoma Public Health Unit issued a drinking water advisory (DWA) for the whole Municipality on November 26, 2014. As a result of the efforts taken by the Municipality to reduce the THM concentration, the DWA from The Algoma Public Health Unit was lifted on June 10, 2020. The average THM concentration in 2025 was 54.7 µg/L.

THMs are formed as a by-product predominantly when chlorine is used to disinfect water for drinking. They represent one group of chemicals generally referred to as disinfection by-products. They result from the reaction of chlorine or bromine with organic matter present in the water being treated.

In addition, the Ontario Drinking Water Standard for Haloacetic Acids (HAAs) came into effect January 1, 2020, the standard is 80.0 µg/L. The Municipality's average for 2025 was 38.1 µg/L.

Furthermore, the Municipality began a monitoring testing plan in August 2019 as per the June 2019 inspection report's summary recommendations and best management practices. In 2024, the Municipality sampled seasonally (July to October) raw and treated water, with the average Microcystin (Blue /Green Algae) at a level of <0.15 µg/L, well below the maximum acceptable concentration of 1.5 µg/L.

The Municipality of Wawa was also selected by the MECP to participate in a Drinking Water Surveillance Program (DWSP). This program is voluntary and no cost to the Municipality. Samples are routinely taken and sent to the MECP lab in Etobicoke, Ontario for analysis.

The Operators consider this program to be another beneficial resource for monitoring water quality for the Municipality.

3.0 System Performance

The Wawa WTP flows are monitored continuously in the raw water intake and discharge to the distribution system, and are recorded on the SCADA system. Daily reports are generated that indicate the minimum, average, maximum and total monthly, and yearly flow. Table 3 illustrates the monthly maximum raw water and finished water flows, and Table 4 summarizes the plants annual flows and water consumption for 2025.

Table 3: Maximum Raw Water and Finished Water Flows

Month	Maximum Raw Water Taking Flow (m ³ /d)	Maximum Finished Water to Distribution System Flow (m ³ /d)
January	3,574.40	3,071.20
February	3,484.50	3,182.70
March	3,868.70	3,174.30
April	3,786.00	3,177.4
May	3,377.60	2,863.20
June	3,120.30	2,571.70
July	2,777.20	2,335.00
August	2,941.80	2,362.10
September	2,620.20	2,091.80
October	2,524.20	2,216.50
November	2,594.00	2,234.20
December	2,283.20	2,961.60
Maximum Allowable Daily Volume	25,000.00	7,880.00
Highest % of Maximum Volume	15%	40%

Table 4: Summary of Annual Flows and Water Consumption

Month	Total Consumption (m ³)	Average Daily Flow (m ³ /d)	Maximum Daily Flow (m ³ /d)	Instantaneous Peak Flow (L/s)	Wawa Monthly Consumption (m ³)	Net MRV Monthly Consumption (m ³)
January	84,154.50	2,714.70	3,071.20	49.10	82,146.50	2,008.00
February	78,874.70	2,816.90	3,182.70	56.20	76,768.70	2,106.00
March	88,215.30	2,845.65	3,174.30	50.20	86,247.30	1,968.00
April	82,249.10	2,741.63	3,177.40	59.70	80,525.10	1,724.00
May	77,971.60	2,515.20	2,863.20	75.00	76,223.60	1,748.00
June	81,762.70	2,725.40	2,571.70	68.10	79,518.70	2,244.00
July	66,754.40	2,153.36	2,335.00	53.50	64,860.40	1,894.00
August	68,262.40	2,153.36	2,362.10	45.40	66,585.40	1,677.00
September	59,657.90	1,988.50	2,091.80	52.20	58,144.90	1,513.00
October	48,570.20	1,566.70	2,216.50	78.10	47,179.20	1,391.00
November	53,391.20	1,779.70	2,234.20	54.00	52,046.20	1,345.00
December	68,901.00	2,222.61	2,961.60	158.80	67,398.00	1,503.00
Annual Totals	Total Consumption (m³)	Average Daily Flow (m³/d)	Maximum Daily Flow (m³/d)	Maximum Peak Flow (m³/d)	Wawa Total Consumption (m³)	MRV Total Consumption (m³)
	858,765.00	2,351.97	3,182.70	158.80	837,643.99	21121.00

The Wawa Water Treatment Plant has an approved, rated treatment capacity of 7,880 m³/day which includes an allowance of 392 m³/day to serve Michipicoten River Village. The maximum day flow in 2025 was 2,845.65 m³/day, which is approximately 36.1% of the WTP total rated capacity. The maximum recorded instantaneous flow rate was 158.8 L/s that occurred during the month of December.

Appendix A

Definition of Terms

AWQI	Adverse water quality incident
CT value	Product of disinfectant concentration and contact time (mg-min/L)
DWS	Drinking water system
EC	E. Coli
HAA	Haloacetic acids
HPC	Heterotrophic plate count
MAC	Maximum Acceptable Concentration
MECP	Ministry of the Environment, Conservation and Parks
m³	Cubic metres
m³/d	Cubic metres per day
mg/L	Milligram per litre (part per million)
ML	Megalitre (1000 m ³)
NTU	Nephelometric turbidity unit
ODWS	Ontario Drinking Water Standards
O. Reg. 170/03	Ontario Regulation 170/03
PLC	Programmable logic controller
PTTW	Permit to take water
SCADA	Supervisory control and data acquisition
TC	Total coliforms
THM	Trihalomethane
µg/L	Microgram per litre (part per billion)
WD	Water distribution
WT	Water treatment

Appendix B

WAWA DRINKING WATER SYSTEM

Waterworks No. 210000050



**Annual Report
2025**

WAWA WATER SYSTEM 2023 ANNUAL REPORT

Drinking-Water System Number:	210000050
Drinking-Water System Name:	Wawa Water Supply System
Drinking-Water System Owner:	The Corporation of the Municipality of Wawa
Drinking-Water System Category:	Municipal Residential – Large
Period being reported:	01-01-25 to 31-12-25

<u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u> Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X] Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No [] Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection. Municipal Office 40 Broadway Avenue Wawa, Ontario POS 1K0	<u>Complete for all other Categories.</u> Number of Designated Facilities served: N/A Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No [X] 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? Yes [] No [X]
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Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

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

Drinking Water System Name	Drinking Water System Number
--- NONE ---	

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 of its drinking water?

Yes ☐ No ☒

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 Government Office**

☐ **Public access/notice via a newspaper**

☒ **Public access/notice via Public Request**

☐ **Public access/notice via a Public Library**

☐ **Public access/notice via other method**

Describe your Drinking-Water System

Water Treatment Plant consisting of a membrane filtration process with the intake from Wawa Lake. Raw water is pumped through the membrane filters then chlorinated before going to an under-floor reservoir. Sodium hypochlorite is used for pre-chlorination, primary and secondary disinfection, and membrane cleaning. Hydrofluorosilicic acid is added to filtered water before entering the under-floor reservoir. (In 2020, the addition of aluminum sulphate to the raw water was initiated on July 15, 2020, to reduce THMs (Trihalomethanes) in the drinking water. Aluminum sulphate (Alum) is used as a coagulant to reduce organic matter in the water. With alum added, organic matter combines to form particles large enough to be removed from the water during filtration and before sodium hypochlorite addition (chlorine). With reduced levels of organic matter in the water, less chlorine is required and in-turn, less THMs and other disinfection by-products (like haloacetic acids, HAAs) are formed. Water quality analysis results from samples collected in the water treatment plant and in the water distribution system confirmed a reduction in THMs, HAAs and chlorine demand. The need to use alum is anticipated to be on a seasonal basis, when levels of naturally occurring organic matter is greatest. Alum addition ceased in November and the water quality analysis results will be reviewed to help confirm appropriate start and stop dates for 2026.

Residue from the filter backwash and acid cleaning is discharged to the municipal sanitary sewer system and could be discharged to the storm sewer system. Continuous analyzers are in place for turbidity, chlorine residual and fluoride monitoring. Flow meters are used to monitor raw water flow into each filter train and treated and chlorinated water entering the under-floor reservoir.

A transmission main connects the Wawa water distribution system to the elevated water storage tank at the Michipicoten River Village, where a “touch-up” chlorination facility using sodium hypochlorite is installed.

List all water treatment chemicals used over this reporting period

- Sodium hypochlorite
- Hydrofluorosilicic acid
- Aluminum Sulphate (seasonally)

Were any significant expenses incurred to?

- [X] Install required equipment
 [] Repair required equipment
 [X] Replace required equipment
 [X] Maintenance

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

- Water Intake Project \$2.96 Million
- Skid C Filter Module replacement \$210,000
- Air compressors, Chemical Rm ventilation \$186,000
- Hydrant Rehabilitation \$50,000
- Power Study \$25,000
- Flushing Hydrant MRV tower \$22,500
- Sodium Hypo Panels \$9,000
- Used Auto Dialer \$ 4,500
- New analyzer @ low lift \$2,086

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**

<i>Incident Date</i>	<i>Parameter</i>	<i>Result</i>	<i>Unit of Measure</i>	<i>Corrective Action</i>	<i>Corrective Action Date</i>
November 13, 2025	Loss of pressure in MRV water line	Flushing Hydrant install	N/A	MRV returned to being online, bacterial testing identified that the system was not impacted by the drop in pressure	November 25, 2025

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

	Number of Samples	Range of E.Coli or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	52	<1 -7	<1 - 308	N-A	N-A
Treated	52	Absent	Absent	52	<1 - 5
Distribution	204	Absent	Absent	52	<1-9

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**Water Treatment Plant**

NOTE: For continuous monitors use 8760 as the number of samples.

	Number of Grab Samples	Minimum	Average	Maximum
Turbidity (NTU)	8,760	0.024	0.060	0.340
Chlorine (mg/l)	8,760	0.360	0.850	5.000
Fluoride (mg/l)	8,760	0.580	0.720	1.880

Note: Minimum and Maximum levels are caused by instrument spikes due to maintenance to the instruments.

Distribution System

	Number of Samples	Minimum	Average	Maximum
Chlorine Residual (mg/l)	365	0.29	0.82	1.28

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	Result	Unit of Measure
Certificate of Approval 7805-76ZKUC	Waste Water Suspended Solids	N/A	None	No Discharge
Certificate of Approval 7805-76ZKUC	Waste Water Chlorine Residual	N/A	None	No Discharge

Summary of Inorganic parameters tested during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	21-Jan-25	<0.60	µg/L	No
Arsenic	21-Jan-25	<1.0	µg/L	No
Barium	21-Jan-25	<10	µg/L	No
Boron	21-Jan-25	<50	µg/L	No
Cadmium	21-Jan-25	<0.10	µg/L	No
Chromium	21-Jan-25	<1.0	µg/L	No
Fluoride	21-Jan-25	0.63	mg/L	No
*Lead				
Mercury	21-Jan-25	<0.100	µg/L	No
Nitrate	14-Jan-25	0.041	µg/L	No
Nitrite	14-Jan-25	<0.010	µg/L	No
Selenium	21-Jan-25	<1.0	µg/L	No
Sodium	21-Jan-25	6.71	mg/L	No
Uranium	21-Jan-25	<2.0	µg/L	No

Note: Only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

Summary of lead testing under Schedule 15.1 during this reporting period

(Applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

Note: The Municipality of Wawa is now exempt from plumbing sampling for lead. As per Drinking water System Regulation 170/03, made under the Safe Drinking water Act 2002, schedule 15.1-4 subsection 10.

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Number of Exceedances
Plumbing	N/A	N/A	N/A
Distribution	4	<1.0 - 1.5	0

Summary of Organic parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	25-Jan-28	<0.05	µg/L	No
Aldicarb				
Aldrin + Deildrin				
Atrazine + N-dealkylated metabolites	25-Jan-28	<0.14	µg/L	No
Azinphos-methyl				
Bendiocarb				
Benzene	25-Jan-28	<0.50	µg/L	No
Benzo(a)pyrene	25-Jan-28	<0.0050	µg/L	No
Bromoxynil	25-Jan-28	<0.200	µg/L	No
Carbaryl	25-Jan-28	<0.50	µg/L	No
Carbofuran	25-Jan-28	<0.025	µg/L	No
Carbon Tetrachloride	25-Jan-28	<0.20	µg/L	No
Chlordane (Total)				
Chlorpyrifos	25-Jan-28	<0.10	µg/L	No
Cyanazine				
Diazinon	25-Jan-28	<0.025	µg/L	No
Dicamba	25-Jan-28	<0.10	µg/L	No
1,2-Dichlorobenzene	25-Jan-28	<0.50	µg/L	No
1,4-Dichlorobenzene	25-Jan-28	<0.50	µg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites				
1,2-Dichloroethane	25-Jan-28	<0.50	µg/L	No

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
1,1-Dichloroethylene (Vinylidene Chloride)	25-Jan-28	<0.50	µg/L	No
Dichloromethane	25-Jan-28	<1.0	µg/L	No
2-4 Dichlorophenol	25-Jan-28	<0.20	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	25-Jan-28	<0.050	µg/L	No
Diclofop-methyl	25-Jan-28	<0.10	µg/L	No
Dimethoate	25-Jan-28	<0.50	µg/L	No
Dinoseb				
Diquat	25-Jan-28	<1.0	µg/L	No
Diuron	25-Jan-28	<0.050	µg/L	No
Glyphosate	25-Jan-28	<0.20	µg/L	No
Haptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion	25-Jan-28	<0.025	µg/L	No
Methoxychlor				
Metolachlor	25-Jan-28	<0.025	µg/L	No
Metribuzin	25-Jan-28	<0.10	µg/L	No
Monochlorobenzene				
Paraquat	25-Jan-28	<1.0	µg/L	No
Parathion				
Pentachlorophenol	25-Jan-28	<0.50	µg/L	No
Phorate	25-Jan-28	<0.25	µg/L	No
Picloram	25-Jan-28	<0.50	µg/L	No
Polychlorinated Biphenyls (PCB)	25-Jan-28	<0.030	µg/L	No
Prometryne	25-Jan-28	<0.025	µg/L	No
Simazine	25-Jan-28	<0.10	µg/L	No
THM (See latest annual average)				
Temephos				
Terbufos	25-Jan-28	<0.50	µg/L	No
Tetrachloroethylene	25-Jan-28	<0.50	µg/L	No
2,3,4,6-Trichlorophenol	25-Jan-28	<0.50	µg/L	No
Triallate	25-Jan-28	<0.10	µg/L	No
Trichloroethylene	25-Jan-28	<0.50	µg/L	No
2,4,6-Trichlorophenol	25-Jan-28	<0.20	µg/L	No
2,4,6-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin	25-Jan-28	<0.10	µg/L	No
Vinyl Chloride	25-Jan-28	<0.50	µg/L	No

THM – Summary Table

Date of Test	Location	Results (µg/L)
14-Jan-25	MRV Water Tower	45.9
04-Feb-22	MRV Water Tower	49.2
04-Mar-25	MRV Water Tower	37.6
22-Apr-25	MRV Water Tower	44.5
05-May-25	MRV Water Tower	49.4
13-May-24	MRV Water Tower	90.0
21-May-25	MRV Water Tower	61.1
02-June-25	MRV Water Tower	60.8
06-June-25	MRV Water Tower	68.1
16-June-25	MRV Water Tower	42.6
02-July-25	MRV Water Tower	40.9
14-July-25	MRV Water Tower	53.5
21-July-25	MRV Water Tower	61.4
28-July-25	MRV Water Tower	44
11-Aug -25	MRV Water Tower	63.3
25-Aug-25	MRV Water Tower	60.1
08-Sept-25	MRV Water Tower	40
06-Oct-25	MRV Water Tower	40.5
20-Oct-25	MRV Water Tower	36.5
	MRV Water Tower	
	MRV Water Tower	
	MRV Water Tower	

Average THM's for the year 2024 was 49.96 µg/L with the maximum acceptable concentration of 100 µg/L (A). "A" – The standard for THM's is expressed as a running annual average.

HAA – Summary Table

Date of Test	Location	Results (µg/L)
14-Jan-25	3 Chris Simon Drive	44.5
22-Apr-25	3 Chris Simon Drive	39.6
21-Jul-25	3 Chris Simon Drive	44.9
20-Oct-25	3 Chris Simon Drive	35.0

Average HAA's for the year 2024 was 43.08 µg/L with the maximum acceptable concentration of 80 µg/L (A). "A" – The standard for HAA's is expressed as a running annual average.

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample

Appendix C

Drinking Water Quality Management Standard

Certificate of Accreditation

CERTIFICATE OF ACCREDITATION

This is to certify that the following operating authority:

Municipality of Wawa

40 Broadway Avenue, Wawa, Ontario, P0S 1K0, Canada

operates a Drinking Water System on behalf of

Municipality of Wawa

40 Broadway Avenue, Wawa, Ontario, P0S 1K0, Canada

which conforms with the requirements of:

**DRINKING WATER QUALITY MANAGEMENT STANDARD
VERSION 2-2107**

for the following scope of accreditation:

Drinking Water Treatment & Distribution; Full Scope

Including:

Wawa Drinking Water System

Certificate Number:

0235559

File No.:

2023-140822

Issue Date:

12 Jan 2026

Original Certification Date:

17 Dec 2013

Certification Effective Date:

04 Jun 2025



SAI GLOBAL



Rathin Grover

President, Business Assurance

QMI-SAI Canada Ltd.
20 Carlson Court, Suite 200
Toronto, Ontario M9W 7K6 Canada



Appendix D

Ministry of the Environment, Conservation and Parks

Wawa Drinking Water System
Inspection Report and Inspection Rating



**Ministry of the Environment,
Conservation and Parks**

**Ministère de l'Environnement, de la Protection de
la nature et des Parcs**

**Drinking Water and Environmental Compliance
Division, Northern Region**

**Division de la conformité en matière d'eau potable et
d'environnement, Direction régionale du Nord**

70 Foster Drive Suite 110
Sault Ste Marie ON P6A 6V4
Tel.: 705-942-6354
Toll Free: 1-800-965-9990
Fax: 705-942-6327

70, Promenade Foster Suite 110
Sault Ste Marie ON P6A 6V4
Tél. : 705-942-6354
Numéro sans frais: 1-800-965-9990
Télééc. : 705-942-6327

November 28th, 2025

Maury O'Neill
Chief Administrative
Officer/Clerk Municipality of
Wawa, 40 Broadway
Avenue, P0S 1K0

RE: 2025/26 Inspection Report for the Wawa Drinking Water System, DWS# 210000050

Dear Ms. O'Neill,

Please find attached the annual Drinking Water System inspection report for the year 2025-26 and corresponding Incident Rating Report (IRR) to be sent later and Risk Methodology document. This report provides an assessment of compliance and conformance based on observations and information available during the inspection review period only.

The IRR is a summarized quantitative measure of the drinking water system's annual inspections and is published in the Ministry's Chief Drinking Water Inspector's Annual Report. The Risk Methodology document describes the risk rating methodology which has been applied to the findings of the Ministry's municipal residential drinking water system/licensed laboratory inspection results.

A copy of this inspection report has been provided to Algoma Public Health and Districts, as per the Ministry's Drinking Water Inspection Protocol.

Should you have any questions regarding the attached document or your obligations under Ontario's drinking water legislation, please contact me by email at Marc.Roberge@ontario.ca or by telephone at 705-971-5534.

Sincerely,
Marc Roberge
Water Compliance Officer, Badge No. 1513

Cc: Dave Lowe, Overall Responsible Operator, Township of Wawa
Marnie Managhan, Compliance Supervisor, Ministry of Environment Conservation and Parks
Mariah Tremblay, Health Inspector, Algoma Public Health Unit



WAWA DRINKING WATER SYSTEM
Physical Address: 40 BROADWAY AVE, WAWA,
ON P0S 1K0

INSPECTION REPORT

System Number: 210000050
Entity: CORPORATION OF THE
MUNICIPALITY OF WAWA
Inspection Start Date: August 29, 2025
Site Inspection Date: August 29, 2025
Inspection End Date: October 31, 2025
Inspected By: Marc Roberge
Badge #:
Inspected By: Marnie Managhan
Badge #: 718

(signature)

INTRODUCTION

Purpose

This unannounced focused inspection was conducted to confirm compliance with Ministry of the Environment, Conservation and Parks (MECP) legislation and conformance with ministry drinking water policies and guidelines.

Scope

The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment, and distribution components as well as management and the operation of the system. The inspection of the drinking water system included both the physical inspection of the plant, and the review of data and documents associated with the operation of the drinking water system during the review period. This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O. Reg. 170/03). This inspection has been conducted pursuant to Section 81 of the SDWA. This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

Facility Contacts and Dates

The drinking water system is owned & operated by the Corporation of the Township of Wawa. The system serves an estimated population of 1200 and is categorized as a Large Municipal Residential System. Information reviewed for this inspection covered the time of January 1st, 2025, to July 1st, 2025. The treatment plant is a Class 2 Water Treatment Subsystem, and the distribution is a Class 1 Water Distribution Subsystem. Marc Roberge, Water Compliance Officer (MECP) met with Dave Lowe, Overall Responsible Operator for the Township of Wawa as part of the inspection process.

Systems/Components

Water treatment facilities at 40C Broadway Ave were visited as part of this inspection

Permissions/Approvals

This drinking water system was subject to specific conditions contained within the following permissions and/or approvals (please note this list is not exhaustive) at the time of the inspection in addition to the requirements of the SDWA and its regulations:

- Municipal Drinking Water License No. 231-101
- Drinking Water Works Permit No. 231-201

- Permit to Take Water No. 5611-6F3HF3

NON-COMPLIANCE

This should not be construed as a confirmation of full compliance with all potential applicable legal requirements. These inspection findings are limited to the components and/or activities that were assessed, and the legislative framework(s) that were applied. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

If you have any questions related to this inspection, please contact the signed Provincial Officer.

RECOMMENDATIONS

This should not be construed as a confirmation of full conformance with all potential applicable BMPs. These inspection findings are limited to the components and/or activities that were assessed, and the legislative framework(s) that were applied. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

If you have any questions related to this inspection, please contact the signed Provincial Officer.

INSPECTION DETAILS

This section includes all questions that were assessed during the inspection.

Ministry Program: DRINKING WATER | **Regulated Activity:** DW Municipal Residential

Question ID	DWMR1006001	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: Is the owner planning to add a new drinking water source or to make changes to their current source(s)?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner is planning to add a new drinking water source or to make changes to their current source(s). At the time of the inspection the intake for the system in Wawa Lake was receiving rehabilitation work to the intake's crib and relining.			

Question ID	DWMR1012001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Did the owner have a harmful algal bloom monitoring plan in place that met the requirements of the Municipal Drinking Water Licence?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had a harmful algal bloom monitoring plan in place which met the requirements. Weekly observations of the intake are carried out by operators.			

Question ID	DWMR1014001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Was flow monitoring performed as required by the Municipal Drinking Water Licence or Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Flow monitoring was performed as required.			

Question ID	DWMR1016001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Was the owner in compliance with the conditions associated with maximum flow rate or the rated/operational capacity in the Municipal Drinking Water Licence?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner was in compliance with the conditions associated with maximum flow rate and/or the rated/operational capacity conditions.			

Question ID	DWMR1018001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Did the owner ensure that equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner ensured that equipment was installed as required.			

Question ID	DWMR1021001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Were Form 2 documents prepared as required?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Form 2 documents were prepared as required. Two Form Two documents were received from the owner to the drinking water system; (1) The system discontinued the use of the particle counter on the membrane filtration as it is not required. (2) The system did some rehabilitative work to their water intake which included new bar screens, cribbing work and relining of the intake pipe.			

Question ID	DWMR1025001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			

Question:

Were all parts of the drinking water system that came in contact with drinking water disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?

Compliance Response(s)/Corrective Action(s)/Observation(s):

All parts of the drinking water system were disinfected as required.

Question ID	DWMR1023001	Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 1-2 | (2);

Question:

Did records indicate that the treatment equipment was operated in a manner that achieved the design capabilities prescribed by O. Reg. 170/03, Drinking Water Works Permit and/or Municipal Drinking Water Licence at all times that water was being supplied to consumers?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities prescribed.

Question ID	DWMR1024001	Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 1-2 | (2);

Question:

Did records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection was operated as required?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Records confirmed that the water treatment equipment which provides chlorination or chloramination for secondary disinfection was operated as required.

Question ID	DWMR1033001	Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 7-2 | (3); SDWA | O. Reg. 170/03 | 7-2 | (4);

Question:

Was secondary disinfectant residual tested as required for the large municipal residential distribution system?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Secondary disinfectant residual was tested as required.

Question ID	DWMR1030001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-2 (1); SDWA O. Reg. 170/03 7-2 (2);			
Question: Was primary disinfection chlorine monitoring being conducted at a location approved by Municipal Drinking Water Licence and/or Drinking Water Works Permit or at/near a location where the intended CT had just been achieved?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Primary disinfection chlorine monitoring was conducted as required.			

Question ID	DWMR1032001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-3 (2);			
Question: If the drinking water system obtained water from a surface water source and provided filtration, was continuous monitoring of each filter effluent line performed for turbidity?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Continuous monitoring of each filter effluent line was performed for turbidity.			

Question ID	DWMR1035001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4;			
Question: Were operators examining continuous monitoring test results and did they examine the results within 72 hours of the test?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Operators were examining continuous monitoring test results as required.			

Question ID	DWMR1038001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4;			
Question: Was continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements performing tests for the parameters with at least the minimum frequency and recording data with the prescribed format?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements was performing tests for the parameters with at least the minimum frequency and recording data with the prescribed format.			

Question ID	DWMR1037001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)5-10; SDWA O. Reg. 170/03 6-5 (1.1);			
Question: Were all continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, equipped with alarms or shut-off mechanisms that satisfied the standards described in Schedule 6?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All required continuous monitoring equipment utilized for sampling and testing were equipped with alarms or shut-off mechanisms that satisfied the standards			

Question ID	DWMR1040001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10;			
Question: Were all continuous analysers calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All continuous analysers were calibrated, maintained, and operated as required.			

Question ID	DWMR1108001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)5-10; SDWA O. Reg. 170/03 6-5 (1.1);			

Question:

Where continuous monitoring equipment used for the monitoring of free chlorine residual, total chlorine residual, combined chlorine residual or turbidity, required by O. Reg. 170/03, Municipal Drinking Water Licence, Drinking Water Works Permit, or order triggered an alarm or an automatic shut-off, did a qualified person respond as required and take appropriate actions?

Compliance Response(s)/Corrective Action(s)/Observation(s):

A qualified person responded as required and took appropriate actions.

Question ID	DWMR1039001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-6 (3);			
Question: If primary disinfection equipment that does not use chlorination or chloramination was used, did the owner and operating authority ensure the equipment had a recording device that continuously recorded the performance of the disinfection equipment?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner and operating authority ensured that the primary disinfection equipment had a recording device that continuously recorded the performance of the disinfection equipment.			

Question ID	DWMR1109001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-6 (1); SDWA O. Reg. 170/03 1-6 (2);			
Question: If the system used equipment for primary disinfection other than chlorination or chloramination and the equipment malfunctioned, lost power, or ceased to provide the appropriate level of disinfection, causing an alarm or an automatic shut-off, did a certified operator respond as required and take appropriate actions?			
Compliance Response(s)/Corrective Action(s)/Observation(s): A certified operator responded as required and took appropriate actions.			

Question ID	DWMR1099001	Question Type	Information
Legislative Requirement(s): Not Applicable			

Question:

Do records show that water provided by the drinking water system met the Ontario Drinking Water Quality Standards?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Records showed that all water sample results met the Ontario Drinking Water Quality Standards.

Question ID	DWMR1083001
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Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 10-3;

Question:

Were treated microbiological sampling requirements prescribed by Schedule 10-3 of O. Reg. 170/03 for large municipal residential systems met?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Treated microbiological sampling requirements were met.

Question ID	DWMR1081001
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Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 10-2 | (1); SDWA | O. Reg. 170/03 | 10-2 | (2); SDWA | O. Reg. 170/03 | 10-2 | (3);

Question:

Were distribution microbiological sampling requirements prescribed by Schedule 10-2 of O. Reg. 170/03 for large municipal residential systems met?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Distribution microbiological sampling requirements were met.

Question ID	DWMR1096001
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Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 6-3 | (1);

Question:

Did records confirm that chlorine residual tests were conducted at the same time and location as microbiological samples?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Records confirmed that chlorine residual tests were conducted as required.

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Question ID	DWMR1084001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-2;			
Question: Were inorganic parameter sampling requirements prescribed by Schedule 13-2 of O. Reg. 170/03 met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Inorganic parameter sampling requirements were met.			

Question ID	DWMR1085001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-4 (1); SDWA O. Reg. 170/03 13-4 (2); SDWA O. Reg. 170/03 13-4 (3);			
Question: Were organic parameter sampling requirements prescribed by Schedule 13-4 of O. Reg. 170/03 met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Organic parameter sampling requirements were met.			

Question ID	DWMR1086001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-6.1 (1); SDWA O. Reg. 170/03 13-6.1 (2); SDWA O. Reg. 170/03 13-6.1 (3); SDWA O. Reg. 170/03 13-6.1 (4); SDWA O. Reg. 170/03 13-6.1 (5); SDWA O. Reg. 170/03 13-6.1 (6);			
Question: Were haloacetic acid sampling requirements prescribed by Schedule 13-6 of O. Reg. 170/03 met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Haloacetic acid sampling requirements were met.			

Question ID	DWMR1087001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-6 (1); SDWA O. Reg. 170/03 13-6 (2); SDWA O. Reg.			

170/03 | 13-6 | (3); SDWA | O. Reg. 170/03 | 13-6 | (4); SDWA | O. Reg. 170/03 | 13-6 | (5);
SDWA | O. Reg. 170/03 | 13-6 | (6);

Question:

Were trihalomethane sampling requirements prescribed by Schedule 13-6 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Trihalomethane sampling requirements were met.

Question ID	DWMR1088001
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Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 13-7;

Question:

Were nitrate/nitrite sampling requirements prescribed by Schedule 13-7 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Nitrate/nitrite sampling requirements were met.

Question ID	DWMR1089001
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Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 13-8;

Question:

Were sodium sampling requirements prescribed by Schedule 13-8 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Sodium sampling requirements were met.

Sampled on the 21st of January 2025 with in the 60 month period.

Question ID	DWMR1091001
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Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 7-4;

Question:

Where fluoridation is practiced, were fluoride sampling requirements prescribed by Schedule 7-4 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Fluoride sampling requirements were met.

Question ID	DWMR1114001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Did the owner have evidence that, when required, all legal owners associated with the drinking water system were notified of the requirements of the Municipal Drinking Water Licence and Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had evidence that the required notifications were made.			

Question ID	DWMR1060001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Did the operations and maintenance manual(s) meet the requirements of the Municipal Drinking Water Licence?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The operations and maintenance manual(s) met the requirements of the Municipal Drinking Water Licence. Operators reviewed and updated operational manual on annual basis.			

Question ID	DWMR1062001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-5;			
Question: Did records or other record keeping mechanisms confirm that operational testing not performed by continuous monitoring equipment was done by a certified operator, water quality analyst, or person who met the requirements of Schedule 7-5 of O. Reg. 170/03?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records or other record keeping mechanisms confirmed that operational testing not performed by continuous monitoring equipment was done by a certified operator, water quality analyst, or person who met the requirements of Schedule 7-5 of O. Reg. 170/03.			

Question ID	DWMR1071001	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Did the owner provide security measures to protect components of the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner provided security measures to protect components of the drinking water system. The owner provided cyber security locked doors and alarms that would trigger a call out to the operators and the Ontario Provincial Police. The system was tested by the inspector and overall responsible operator Dave Lowe during the inspection but it did not trigger a police response. The system has been further updated to provide that service.			

Question ID	DWMR1073001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 23 (1);			
Question: Was an overall responsible operator designated for all subsystems which comprise the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): An overall responsible operator was designated for all subsystem. Dave Lowe is the overall responsible operator and was classified for a class 2 system.			

Question ID	DWMR1074001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 25 (1);			
Question: Were operators-in-charge designated for all subsystems which comprise the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Operators-in-charge were designated for all subsystems.			

Question ID	DWMR1075001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 22;			

Question:

Were all operators certified as required?

Compliance Response(s)/Corrective Action(s)/Observation(s):

All operators were certified as required.

Question ID	DWMR1076001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);			
Question: Were adjustments to the treatment equipment only made by certified operators?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Adjustments to the treatment equipment were only made by certified operators.			

Question ID	DWMR1117001	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: Were there any other items related to the drinking water system that should be recognized in the report?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The following items were noted as being relevant to the drinking water system: Throughout the process of inspection the operating authority used paper log books and data collection. While this is an acceptable method as per MECP legislation, it creates a burden for operators and a potential delay in the ability to provide information requested by MECP, in a timely manner. Due to the changes and shortages in staff it recommended that the operating authority look into digital options to reduce duplications of documents and create more organizational efficiency.			

Ministry of the Environment, Conservation and Parks - Inspection Summary Rating Record (Reporting Year - 2025-26)

DWS Name: WAWA DRINKING WATER SYSTEM
DWS Number: 210000050
DWS Owner: CORPORATION OF THE MUNICIPALITY OF WAWA
Municipal Location: WAWA

Regulation: O.REG. 170/03

DWS Category: DW Municipal Residential

Type of Inspection: Focused

Compliance Assessment Start Date: Aug-29-25

Ministry Office: Sault Ste. Marie Area Office

Maximum Risk Rating: 476

Inspection Module	Non Compliance Risk (X out of Y)
Capacity Assessment	0/30
Certification and Training	0/42
Logbooks	0/14
Operations Manuals	0/14
Reporting & Corrective Actions	0/46
Source	0/0
Treatment Processes	0/218
Water Quality Monitoring	0/112
Overall - Calculated	0/476

Inspection Risk Rating: 0.00%

Final Inspection Rating: 100.00%

Ministry of the Environment, Conservation and Parks - Detailed Inspection Rating Record (Reporting Year - 2025-26)

DWS Name: WAWA DRINKING WATER SYSTEM
DWS Number: 210000050
DWS Owner Name: CORPORATION OF THE MUNICIPALITY OF WAWA
Municipal Location: WAWA

Regulation: O.REG. 170/03
DWS Category: DW Municipal Residential
Type of Inspection: Focused
Compliance Assessment Start Date: Aug-29-25
Ministry Office: Sault Ste. Marie Area Office

All legislative requirements were met. No detailed rating scores.

Maximum Question Rating: 476

Inspection Risk Rating: 0.00%

FINAL INSPECTION RATING: 100.00%