

Ministry of the Environment, Conservation and Parks / Ministère de l'Environnement, de la Protection de la nature et des Parcs

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March 30th, 2026

by Email

Paul Laperriere, CAO
The Corporation of the Town of Mattawa
160 Water St.
Mattawa, ON P0H 1V0

**RE: Inspection of Mattawa Drinking Water System (No. 210001905) at 400 Bissett St.,
Mattawa, ON on February 10, 2026 | Planned Event No. 1-1416312315**

Attached to this letter is the report for the announced inspection completed at the Mattawa Drinking Water System at 400 Bissett St. Mattawa, ON on February 10, 2026. This report provides an assessment of compliance and conformance based on observations and information available during the inspection review period only.

CORRECTIVE ACTIONS

Instances of non-compliance and/or non-conformance were identified during the inspection. Please refer to the "Non-Compliance/Non-Conformance Items" section within the report to determine the actions required and take any necessary steps by the date(s) prescribed to bring the system/facility into compliance/conformance.

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 inspection results.

The IRR will follow in a separate email.

Thank you for your co-operation. If you have any questions about the inspection process, including this information request, please contact me at (705) 358-1316 or by email at erin.spire@ontario.ca.

Sincerely,

Erin Spire

Erin Spire
Provincial Officer Badge #1540 and Water Inspector
Drinking Water and Environmental Compliance Division
Ministry of the Environment, Conservation and Parks' North Bay Area Office

Attachments

Cc: B. Allen, Program Manger(A) – North Bay Parry Sound District Health Unit
Source Protection, North Bay – Mattawa Conservation Authority
P. Dryda, Sr. Operations Manager – Ontario Clean Water Agency
J. DeWaal, Overall Responsible Operator – OCWA
M. Malette, Process and Compliance Technician – OCWA
L. Duquette, Supervisor – MECP – DWECD – Timmins/North Bay Office



MATTAWA DRINKING WATER SYSTEM
Physical Address: 400 BISSETT ST, MATTAWA,
ON

INSPECTION REPORT

System Number: 210001905
Entity: MATTAWA MUNICIPAL
CORPORATION
Inspection Start Date: February 10, 2026
Site Inspection Date: February 10, 2026
Inspection End Date: March 24, 2026
Inspected By: Erin Spires
Badge #: 1540



(signature)

INTRODUCTION

Purpose

This announced, 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 component parts of the system listed in the "System Components" of the report 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 by the Corporation of the Town of Mattawa and operated by the Ontario Clean Water Agency (OCWA).

The system serves an estimated population of 2 150 and is categorized as a Large Municipal Residential Drinking Water System (DWS). Information reviewed for this inspection covered the time period of January 23, 2025 to February 10, 2026.

Water Compliance Officers Erin Spires and Gursharan Kaur met with Josh DeWaal, Sr. Operator and Operator with Overall Responsibility, and Monique Malette, Process Compliance Technician, OCWA on February 10, 2026.

Systems/Components

The following sites were visited as part of the inspection of the drinking water system:

Well No. 1 (Well Record No. 4300581):

Well No. 1 was constructed in 1958. It is the larger of the two wells located within the well house at 400 Bissett St. It is a gravel wall type of construction and has a total depth of 26.5 m. A 660 mm diameter steel outer casing extends from grade to a depth of 19.1 m. A 400 mm diameter stainless steel screen extends from 22.1 m to 26.7 m. Well No. 1 is equipped with a 100 Hp vertical turbine pump and is rated at 53 L/sec at a 105.8 m TDH. The pump is set at approximately 21.9 m below grade. The well head is approximately 30 cm above the pumphouse floor. Well No. 1 is generally operated as the duty well from 6 am to midnight to meet the higher water demand. The switchover of well pumps is controlled by a timer within the system's programmable logic controller.

Well No. 2 (Well Record No. 4300579):

Well No. 2 was constructed in 1949. It is the smaller of the two wells located within the well house at 400 Bissett Street. It is a gravel wall type well construction and has a total depth of 23.8 m. A 560 mm diameter steel outer casing extends from grade to a depth of 18.6 m. A 300 mm diameter inner casing extends from grade to 20.6 m and a 300 mm diameter #6 stainless steel screen extends from 20.6 m to 23.6m. Well No. 2 is equipped with a 40 Hp vertical turbine pump and is rated at 22.7 L/sec at a 91.5 m TDH. The pump is set at approximately 17.3 m below grade. The well head is approximately 15 cm above the pumphouse floor. Well No. 2 is generally operated as the duty well from midnight to 6 am for energy conservation purposes.

Treated Water

The pumphouse is located at 400 Bissett St. Raw water flows from the wells into a common 200 mm discharge header within the pump house. Primary disinfection is achieved using two ultraviolet reactors. Each unit is capable of providing a minimum ultraviolet dosage of 40 mJ/cm² at a peak flow rate of 75.7 L/sec and raw water ultraviolet transmittance of 95%.

Secondary disinfection with 12% sodium hypochlorite is completed in the common discharge header prior to entry to the distribution system. The hypochlorite system consists of one 200 L storage tank, with spill containment, and two chemical metering pumps (one duty and one standby) with discharge lines into the common discharge header. The chemical metering pumps are equipped with an automatic switch-over device and controls which provide for flow proportional dosing. If both dosing pumps fail an alarm call out is initiated and the raw water pumps automatically shut down. A sample line is installed on the 150 mm discharge header so that continuous online monitoring for free chlorine residual can be achieved.

There is a pipe that provides treated water from the point of entry to the distribution system that

is used for cooling of the diesel generator and the UV reactors during their warm up cycle and for water lubrication of Well No. 1's pump.

A SCADA system is used for automated control of the water production and treatment components and to produce the required performance and monitoring reports.

Backup power is supplied by a 300 kW diesel generator equipped with an automatic transfer switch and a 2 200 L capacity above ground fuel tank. This system can run the entire pumphouse and nearby sewage lift station.

Reservoir

The in-ground reservoir has an operating capacity of 795 m³ and is located 700 m to the northwest of the well house. The normal high operating water level in the reservoir is approximately 70 m of elevation above the well house. The reservoir is located within a fenced compound and is equipped with two access hatches, two vent pipes and an overflow pipe. Monitoring of the reservoir level is used to control the operation of the well pumps at the pumphouse.

Distribution System

The Mattawa distribution system is designated as a Class 2 Water Distribution System. The distribution system is fed from the well house when the pumps are operating, with excess water being directed to the elevated in-ground reservoir. When the well pumps are off the distribution system is gravity fed from the reservoir. The system has approximately 1 050 service connections to residential and commercial consumers. There is approximately 20 000 m of various sized cast iron, ductile iron and PVC piping. There are 107 fire hydrants and 239 valves in the distribution system.

Permissions/Approvals

The 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:

- Drinking Water Works Permit (Permit) No. 195-201 (Issue No. 4) dated December 4, 2025
- Municipal Drinking Water Licence (Licence) No. 195-101 (Issue No. 5) dated December 4, 2025
- Permit To Take Water (PTTW) No. P-300-9212085377 (issued April 13, 2024)
- Previous ministry inspection reports dated February 14, 2024 and January 23, 2025

NON-COMPLIANCE

The following item(s) have been identified as non-compliance, based on a "No" response captured for a legislative question(s).

For additional information on each question see the Inspection Details section of the report.

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

Item	Question	Compliance Response/Corrective Action(s)
NC-1	Question ID: DWMR1115001 Were the inspection questions sufficient to address other non-compliance items identified during the inspection period?	The following instance(s) of non-compliance were also noted during the inspection: REQUIRED ACTIONS: By no later than April 30, 2026, the owner and operating authority shall provide to Water Compliance Officer Erin Spires written documentation indicating how the off-specification is calculated and confirmation that the values provided in the off-specification report from the SCADA monthly reports are accurate. The information shall also demonstrate how compliance is determined if the off-specification reports indicate that the UV units were operating out of validated range for greater than 600 seconds (10 minutes). On March 24, 2026, the operating authority notified Water Compliance Officer Erin Spires that their SCADA team is investigating the off-spec issues and will be implementing delays or additional validation logic to ensure off spec readings are captured accurately.
NC-2	Question ID: DWMR1033001 Was secondary disinfectant residual tested as required for the large municipal residential distribution system?	Secondary disinfectant residual was not tested as required for the large municipal residential distribution system. REQUIRED ACTIONS: On March 3rd, 2025, the operating authority identified the incident and reported the non-

compliance to the ministry. Corrective actions were listed as reminding operators to ensure that the distribution system samples taken and tested for free chlorine residual are measured at least 48 hours apart.

A review of the Mattawa Distribution System Chlorine Monitoring sheets for the inspection period indicate that monitoring for secondary disinfection occurred as required for the rest of the inspection period.

No further action required.

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). The Town of Mattawa has obtained funding and is planning on installing an additional reservoir on Dorion Road. The additional reservoir will be used to support new subdivisions being developed. Operators indicated during the inspection that the owner may be considering adding a third well to the Mattawa Water Treatment Plant as part of the expansion. If a third well is going to be installed, then the owner will need to discuss any plans to add a new source with the North Bay – Mattawa Conservation Authority, review the requirements of O. Reg. 205/18, and reach out to the Municipal Water and Wastewater Permissions group (MDWL@ontario.ca) as soon as possible to discuss the alterations and supporting information that may be required as part of any applications. Contacting the local Source Protection Authority regarding projects at the earliest possible opportunity can prevent delays in providing water to the public from the new water source. Note: O. Reg. 205/18 requires the Director (Manager of Water and Wastewater – Environmental Assessment and Permissions Division – Environmental Permissions Branch) to prohibit the supply of water to the public from a new water source until the local source protection plan has been amended to include any necessary updates relating to the source. The regulation applies when alterations are being made to an existing municipal residential DWS located in a source protection area that results in establishing a new groundwater well. Further information relating to Source Protection can be found at: Source protection ontario.ca and in the attached appendixes.			

Question ID	DWMR1007001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (1)1;			
Question: Was the owner maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner was maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials.			

Question ID	DWMR1009001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Were measures in place to protect the groundwater and/or GUDI source in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Measures were in place to protect the groundwater and/or GUDI source. Condition 16.2.8 through 16.2.10 of Schedule B of the Licence requires that the operations and maintenance manual shall include, at a minimum, an inspection schedule for all wells associated with the drinking water system, well inspection and maintenance procedures, and remedial action plans for situations of non-compliance and/or risk to the raw water quality. A review of the Annual Well Inspection Records indicate that Well No. 1 and 2 were inspected on August 4th, 2025. There are Standard Operating Procedures for the above grade well inspection and below grade well inspections (dated July 19th, 2003). The most recent below grade inspection for Well No. 1 occurred in April 2017. Well No. 2 was last inspected in April 2016.			

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. Condition 1.1 of Schedule C of the Licence specifies the rated capacity as 6 540 m ³ /day of treated water that flows from the treatment subsystem to the distribution system. A review of the Mattawa Water Treatment Plant's Monthly Reports for the inspection period indicates that the maximum treated water daily rated capacity was 3 577.87 m ³ on November 2nd, 2025.			

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. The Town of Mattawa has obtained funding and is planning on installing an additional reservoir on Dorion Road, Mattawa, ON. The additional reservoir will be used to support new subdivisions being developed. The addition of a reservoir will require a Schedule C: Authorization to Alter the Drinking Water System of the Permit prior to altering the drinking water system.			

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.

A review of the Distribution Repair and Maintenance Forms indicates that there were four Category 1 watermain breaks and one Category 2 watermain break during the inspection period that were disinfected in accordance with the ministry's Watermain Disinfection Procedure.

Question ID	DWMR1023001	Question Type	Legislative
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. Section 1-3 of Schedule 1 of O. Reg. 170/03 requires that the owner of a drinking water system that uses water from a raw water supply that is ground water must ensure that the water treatment equipment provided is designed to be capable of achieving, at all times, primary disinfection in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario, including at least 99 percent (2 log) inactivation of viruses by the time water enters the distribution system. Ultraviolet Disinfection provides 2 log inactivation credits for <i>Cryptosporidium</i> oocysts, 3 log inactivation credits for <i>Giardia</i> cysts, and 2 log inactivation credits for viruses when a dosage of 40 mJ/cm ² is achieved and the uv units are operating and maintained in accordance with Schedule E of the Licence. The UV units provide a minimum dosage of 40 mJ/cm ² at a peak flow of 76 L/second, and a minimum UVT of 95%. A review of the continuous trending and elogbooks indicate that primary disinfection was achieved during the inspection period.			

Question ID	DWMR1026001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-6 (2);			
Question: If primary disinfection equipment did not use chlorination or chloramination, was the equipment equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 1-6 of O. Reg. 170/03?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Primary disinfection equipment was equipped with alarms or shutoff mechanisms that satisfied the standards. Section 1-6 of Schedule 1 of O. Reg. 170/03 states that, if primary disinfection equipment that does not use chlorination or chloramination is provided by a drinking water system, the owner of the system and the operating authority for the system shall ensure that: (a) the disinfection equipment has a feature that ensures that no water is directed to users of water treated by the equipment in the event that the equipment malfunctions, loses power or ceases to provide the appropriate level of disinfection; and (b) if the disinfection equipment malfunctions, loses power or ceases to provide the appropriate level of disinfection, a certified operator or emergency substitute operator takes appropriate action at the location where the equipment is installed before water is again directed to users of water treated by the equipment. The Mattawa WTP has a UV intensity alarm setpoint of 48 mJ/cm ² with a 90 second delay, that will lockout and trigger a callout to operators. There is a low UV intensity alarm set at 40 mJ/cm ² with a 600 second delay (10 minutes). There is a UVT alarm set at 95% that will lockout the water treatment plant without delay.			

Question ID	DWMR1024001	Question Type	Legislative
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. A review of the Mattawa Distribution System Chlorine Monitoring sheets for the inspection period indicates that the lowest free chlorine residual occurred on July 15th, 2025 at 0.22 mg/L.			

Question ID	DWMR1033001	Question Type	Legislative
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 not tested as required for the large municipal residential distribution system. REQUIRED ACTIONS: On March 3rd, 2025, the operating authority identified the incident and reported the non-compliance to the ministry. Corrective actions were listed as reminding operators to ensure that the distribution system samples taken and tested for free chlorine residual are measured at least 48 hours apart. A review of the Mattawa Distribution System Chlorine Monitoring sheets for the inspection period indicate that monitoring for secondary disinfection occurred as required for the rest of the inspection period. No further action required. DETAILS: Section 7-2(3)(a) of Schedule 7 of O. Reg. 170/03 requires the owner and operating authority of a large municipal residential system that provides secondary disinfection shall ensure that at least seven distribution samples are taken each week and are tested immediately for free chlorine residual. The distribution samples taken and tested for free chlorine residual must be taken at least 48 hours apart with at least four samples taken one day of the week and at least three samples taken on a second day. When more than one sample is taken on the same day of the week, each sample must be taken from a different location. On March 3rd, 2025, the operating authority reported an incident of non-compliance where the frequency of taking free chlorine residuals at least 48 hours apart was not met when four chlorine residuals were measured on February 26th, 2025 at 10 am, and then the next set was taken on February 28th, 2025 at 9:10 am, less than 48 hours apart. Failure to ensure that a set of four samples were taken on one day of the week and three samples taken on a second day of the week, at least 48 hours apart, and tested for free chlorine residual is a violation of Section 7-2(3)(a) of Schedule 7 of O. Reg. 170/03.			

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	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	DWMR1042001	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			

Question:

If UV disinfection was used, were duty sensors and reference UV sensors checked and calibrated as per the requirements of Schedule E of the Municipal Drinking Water Licence or at a frequency as otherwise recommended by the UV equipment manufacturer?

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

All UV sensors were checked and calibrated as required.

Schedule E of the Licence requires the Duty UV Sensor to be checked at least monthly against a reference UV sensor or as recommended by the manufacturer, and;

- The calibration ratio shall be less than or equal to 1.2;
- If the calibration ratio is greater than 1.2, the duty UV sensor shall be replaced with a calibrated UV sensor or correction factor shall be applied while the problem is being resolved;
- Reference UV sensors shall be checked against a Master Reference Assembly at a minimum frequency of once every three years or on a more frequent basis depending upon the recommendations of the equipment manufacturer.

A review of the UV Reference Check Readings for the inspection period indicates that all of the UV duty sensors checked monthly against a reference UV sensor.

The Reference UV Sensors are sent out annually (alternating) to be checked against a Master Reference Assembly.

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	Question Type	Legislative
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.

Section 10-3 of Schedule 10 of O. Reg. 170/03 requires that the owner and operating authority of the drinking water system must ensure that a treated water sample is taken at least once every week and tested for E.coli, total coliforms, and general bacteria population expressed as colony counts on a heterotrophic plate count (HPC).

A review of the certificates of analysis for the inspection period indicates that a treated water sample was taken weekly and tested for E.coli, total coliforms, and HPC.

Question ID	DWMR1081001	Question Type	Legislative
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. Section 10-2 of Schedule 10 of O. Reg. 170/03 requires that the owner and operating authority for the drinking water system must ensure that at least ten distribution samples are taken every month, with at least one of the samples being taken each week. The owner and operating authority must ensure that each of the samples are tested for E.coli, total coliforms, and that at least 25% of the samples are tested for HPC. A review of the certificates of analysis for the inspection period indicates that three distribution system samples were taken each week and tested for E.coli, total coliforms, and at least one of these samples were also tested for HPC.			

Question ID	DWMR1096001	Question Type	Legislative
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.			

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. Section 13-2 of Schedule 13 of O. Reg. 170/03 requires that the owner and operating authority for the drinking water system must ensure that at least one treated water sample is taken every 36 months from a ground water source and tested for every parameter in Schedule 23 (Inorganics). A review of the certificates of analysis for the inspection period indicates that treated water samples were taken on October 10th, 2024 and tested for every parameter in Schedule 23 (Inorganics). The next sample is required by October 10th, 2027 (+/- 60 days).			

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. Section 13-4 of Schedule 13 of O. Reg. 170/03 requires that the owner and operating authority for the drinking water system must ensure that at least one treated water sample is taken every 36 months from a ground water source and tested for every parameter in Schedule 24 (Organics). A review of the certificates of analysis for the inspection period indicate that treated water samples were taken on October 10th, 2024 and tested for every parameter in Schedule 24 (Organics). The next sample is required by October 10th, 2027 (+/- 60 days).			

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. Section 13-6.1 of Schedule 13 of O. Reg. 170/03 requires that the owner and operating authority for a drinking water system that provides chlorination must ensure that at least one distribution sample is taken in each calendar quarter, from a point in the distribution system that is likely to have an elevated potential for the formation of haloacetic acids, and tested for haloacetic acids (HAA). On January 1, 2020, Ontario Drinking Water Quality Standards Regulation O. Reg. 169/03 standard for HAA (80 µg/L) came into effect and is expressed as a RAA, where RAA is defined as "the running annual average of quarterly results" for HAA for a drinking water system. A review of the certificates of analysis for the inspection period indicates that HAAs were tested on January 30th, 2025 (< 5.3 µg/L), April 29th, 2025 (< 5.3 µg/L), July 22nd, 2025 (< 5.3 µg/L), October 8th, 2025 (< 5.3 µg/L), and January 28th, 2026 (< 5.3 µg/L). The current RAA for HAAs is <5.3 µg/L.			

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. Section 13-6 of Schedule 13 of O. Reg. 170/03 requires that the owner and operating authority of the drinking water system that provides chlorination must ensure that at least one distribution sample is taken in each calendar quarter from a point in the distribution system that is likely to have an elevated potential for the formation of trihalomethanes and tested for			

trihalomethanes (THMs).

O. Reg. 169/03 sets the standard for THMs as 0.1 mg/L (100 µg/L) expressed as a RAA. RAA is defined as "the running annual average of quarterly results".

O. Reg. 170/03 defines the "calendar quarter" as the three-month period that begins on January 1, April 1, July 1, or October 1.

A review of the certificates of analysis for the inspection period indicates that THMs were tested on January 30th, 2025 (<6 µg/L), April 29th, 2025 (<6 µg/L), July 22nd, 2025 (<4.4 µg/L), October 8th, 2025 (<6.7 µg/L) and January 28th, 2026 (<6.1µg/L).

The current RAA for THMs is <5.8 µg/L.

Question ID	DWMR1088001	Question Type	Legislative
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. Section 13-7 of Schedule 13 of O. Reg. 170/03 requires that the owner and operating authority for the drinking water system must ensure that at least one treated water sample is taken every three months and tested for nitrate and nitrite. A review of the certificates of analysis indicates that treated water samples were taken every three months and tested for nitrate and nitrites.			

Question ID	DWMR1089001	Question Type	Legislative
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. Section 13-8 of Schedule 13 of O. Reg. 170/03 requires that the owner and operating authority for the drinking water system must ensure that at least one treated water sample is taken every 60 months and tested for sodium.			

The most recent sodium sample was collected on January 24th, 2023 at 14.4 mg/L. The next sample is required by January 24th, 2028 (+/- 90 days).

Question ID	DWMR1090001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-9;			
Question: Where fluoridation is not practiced, were fluoride sampling requirements prescribed by Schedule 13-9 of O. Reg. 170/03 met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Fluoride sampling requirements were met. Section 13-9 of Schedule 13 of O. Reg. 170/03 requires that the owner and operating authority for the drinking water system must ensure that at least one treated water sample is taken every 60 months and tested for fluoride. The most recent fluoride sample was collected on February 15th, 2023 at <0.1 mg/L. The next sample is required by February 15th, 2028 (+/- 90 days).			

Question ID	DWMR1104001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 16-6 (1); SDWA O. Reg. 170/03 16-6 (2); SDWA O. Reg. 170/03 16-6 (3); SDWA O. Reg. 170/03 16-6 (3.1); SDWA O. Reg. 170/03 16-6 (3.2); SDWA O. Reg. 170/03 16-6 (4); SDWA O. Reg. 170/03 16-6 (5); SDWA O. Reg. 170/03 16-6 (6);			
Question: Were immediate verbal notification requirements for adverse water quality incidents met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Immediate verbal notification requirements for adverse water quality incidents were met. AWQI No. 167558 was reported to the ministry on March 22, 2025 for a Category 2 Watermain break.			

Question ID	DWMR1101001	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 17-1; SDWA O. Reg. 170/03 17-10 (1); SDWA O. Reg. 170/03 17-11; SDWA O. Reg. 170/03 17-12; SDWA O. Reg. 170/03 17-13; SDWA O. Reg. 170/03 17-14; SDWA O. Reg. 170/03 17-2; SDWA O. Reg. 170/03 17-3; SDWA O. Reg. 170/03 17-4; SDWA O. Reg. 170/03 17-5; SDWA O. Reg. 170/03 17-6; SDWA O. Reg. 170/03 17-9;			
Question: For large municipal residential systems, were corrective actions, including any steps directed			

by the Medical Officer of Health, taken to address adverse conditions?

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

Corrective actions were taken to address adverse conditions.

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.			

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 Mattawa Water Treatment Plant is fenced and gated. The door locks automatically and there is a security alarm system. The Mattawa Standpipe is in a remote area and not easily accessible. There is security fencing and an intruder alarm.			

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.

Josh DeWaal and Curtis Green act as alternating Operator with Overall Responsibility.

Tim Fraser, Don Michaud, and Darren Aljoe are available as back-up Operators with Overall Responsibility.

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	DWMR1115001	Question Type	Legislative
Legislative Requirement(s): Not Applicable			
Question: Were the inspection questions sufficient to address other non-compliance items identified during the inspection period?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The following instance(s) of non-compliance were also noted during the inspection: REQUIRED ACTIONS: By no later than April 30, 2026, the owner and operating authority shall provide to Water Compliance Officer Erin Spires written documentation indicating how the off-specification is calculated and confirmation that the values provided in the off-specification report from the SCADA monthly reports are accurate. The information shall also demonstrate how compliance is determined if the off-specification reports indicate that the UV units were operating out of validated range for greater than 600 seconds (10 minutes). On March 24, 2026, the operating authority notified Water Compliance Officer Erin Spires that their SCADA team is investigating the off-spec issues and will be implementing delays or additional validation logic to ensure off spec readings are captured accurately. DETAILS: Condition 1.6.4 of Schedule C of the Licence requires that for the Mattawa Water Treatment Plant, and while directing water to the distribution system and being used to meet pathogen log inactivation credits specified in Schedule E, requires that a monthly summary report shall be prepared at the end of each calendar month which sets out the time, date, and duration of each UV equipment alarm if the UV disinfection equipment is malfunctioning, has lost power, or is not providing the appropriate level of disinfection, the volume of water treated during each alarm period and the actions taken by the operating authority to correct the alarm situation. The UV units provide primary disinfection with a minimum dosage of 40 mJ/cm ² at a peak flow of 76 L/second, and a minimum UVT of 95% . If the UV units are operating outside of these validated limits, they are operating "off-specification". An adverse water quality incident would be considered if the UV units are operating off-specification for a continuous period of 10 minutes (600 seconds). Please refer to Appendix A for specific instances where the SCADA Monthly Reports indicate that the UV systems were not operating within the validated limits (off-spec) for > 10 minutes (600 seconds). There were several occasions when the daily off-spec is above 600 seconds (10 mins) and			

up to 15 hours (approx.), however, the SCADA information for the UVT, dosage, and Ultrasonic flow is within the operating parameters.

For example, in July 15, 2025, the SCADA Monthly Report identifies: Max plant flow of 92.65 L/sec, Ultrasonic Plant flow of 47.71 L/sec, min. UV Dose No. 1 at 48.71 mJ/cm², min. UVT at 96.74%, and <40 at 19211 seconds (5.34 hrs). However, the SCADA Monthly Reports and continuous trending indicate that the system was operating within the validated limits.

On March 20th, 2026, Water Compliance Officer Erin Spires emailed the operating authority requesting more information on how the off-specification report is calculated.

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: Condition 16.4 of Schedule B of the Licence specifies that for each production well where below grade components have not been inspected since December 3, 2036, a below grade inspection of that well shall be completed on or before December 3, 2028. These dates are likely an error. Discussions with the operating authority indicated that the most recent below grade inspection of the wells occurred in 2017/2018. Water Compliance Officer Erin Spires will follow up with the ministry's Municipal Water and Wastewater Permissions for further direction.			

Appendix A – Off-Spec > 10 minutes (600 seconds)

Time Off-Spec for UV1:

Date	Time (seconds)	Approx. Time (hours)
July 15, 2025	19 211	5
July 16, 2025	43 186	12
July 17, 2025	49 993	14
July 18, 2025	54 058	15
July 19, 2025	46 349	13
July 20, 2025	46 301	13
July 21, 2025	54 199	15
July 22, 2025	28 951	8
May 1, 2025	2 600	43 minutes
May 21, 2025	17 638	5
May 22, 2025	32 082	9
May 23, 2025	34 566	10
May 24, 2025	34 605	10
May 25, 2025	32 229	9
May 26, 2025	23 910	7
May 27, 2025	26 618	7
May 28, 2025	19 252	5
March 1, 2025	40 892	11
March 2, 2025	37 761	10
March 3, 2025	37 899	10
March 4, 2025	37 719	10
March 5, 2025	39 309	11
March 6, 2025	18 805	5
February 26, 2025	16 117	4
February 27, 2025	37 340	10
February 28, 2025	37 867	10
UV2		
May 1, 2025	1888	31 minutes
May 26, 2025	8994	2.5

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As a source protection authority, you have obligations under the amended *Clean Water Act* regulation that impact a municipality's ability to move forward with projects for new or changing municipal residential drinking water systems. This bulletin provides information on the municipal obligations under the new *Safe Drinking Water Act* regulation, and outlines how this new regulation, as well as amendments made to the General Regulation under the *Clean Water Act*, affect you. Further guidance on other amendments to the General Regulation are provided in a separate guidance document.

Regulation 205/18: Municipal Residential Drinking Water Systems in Source Protection Areas

The new regulation applies to municipal residential drinking water system owners within source protection areas and works with a regulation under the *Clean Water Act* to identify when and how system owners must ensure that new or changing drinking water systems are protected by their local source protection plan.

The regulation applies where:

- a new municipal residential drinking water system is being located within a source protection area, or
- changes are being made to an existing municipal residential drinking water system located in a source protection area that results in new or revised vulnerable areas, including (but not limited to):
 - the establishment of a new well
 - deepening an existing well
 - increasing the capacity at an existing well
 - the establishment of a new surface water intake
 - moving an existing intake

What are the responsibilities of Source Protection Authorities?

Source protection authorities play an important role in ensuring that municipalities understand their obligations under this new regulation and minimizing delays in plan updates. Without established relationships with municipalities, there is an increased likelihood that municipalities will not inform source protection authorities of the work they are undertaking, and source protection authorities will not be prepared to update source protection plans as required in the related *Clean Water Act* regulation. When municipalities understand their obligations they will know to contact you as they begin planning for new or changing drinking water systems to discuss what work will be required under the *Clean Water Act* and how they are going to undertake the work necessary for you to update the source protection plan.

The work necessary for new or changing drinking water systems will depend on the information in the existing source protection plan, so you will need to help the municipality determine what work is needed.

- At a minimum, new vulnerable area delineation information will be required.
- Vulnerability scores are also required for new areas. Where the assessment report has transferable vulnerability information (i.e. areas of high, medium and low groundwater vulnerability), it can be used to generate the scoring for the new or changing system in accordance with technical rule¹ 83.
- Similarly, once the type of surface water system is known and vulnerable area delineated, this can be used to generate scores for the new or changing intake protection zone in accordance with rule 95.
- There may also be a need to update mapping for percent managed lands, livestock density or impervious surface areas if the assessment report doesn't contain this information for the area of the new or changing system, to determine where specific threats could be significant.
- The province is not expecting updated assessment reports to include a field enumeration of existing drinking water threats. However, you may need to undertake some level of desktop analysis of the impact of policies and to determine who has to be notified when consulting on the proposed plan amendments. If the project was subject to the Municipal Class EA, the municipality should have already done some of this analysis during that process to assess the impact of the *Clean Water Act* on landowners when identifying the preferred location for their system.

In many cases, this work will need to be completed by a qualified professional. Depending on how the source protection authority intends to review this work you may want to recommend

¹ Director's Technical Rules established under the *Clean Water Act*, 2017 <https://www.ontario.ca/page/2017-technical-rules-under-clean-water-act>

that the system owner have a peer review undertaken. Where this is the case, you should inform the municipality early in the process.

Once the technical work is complete the municipality or system owner will provide a written notice to the source protection authority of their intention to apply for a drinking water works permit. The source protection authority will need to confirm that the vulnerable area information is complete. Similar to how this was done during the first round of source protection planning, you should use your judgment to determine whether the work aligns with the technical rules established under the *Clean Water Act*. For example, you may want to compare the content of new technical work with what is already in your approved assessment report for consistency. Where a peer review has been undertaken, this may influence the level of review necessary by the source protection authority. Ultimately, you need to determine if this information will allow you to move forward with a plan amendment. For remaining questions or concerns, Source Protection Programs Branch staff are available to assist.

In some cases, additional technical work may not be required to ensure a new or changing drinking water system is protected by a source protection plan. A system owner may provide technical rationale to the source protection authority to demonstrate that no new vulnerable mapping or scores are needed, and that the well or intake is fully protected by the current vulnerable areas and plan policies. This may include situations in which a new wellhead protection area is fully enclosed within an existing wellhead protection area, or new areas of high vulnerability fall within existing areas with a vulnerability score of 10. In these situations, the source protection authority can specify in the notice to the system owner that no changes are needed in the source protection plan to protect the new or changing drinking water system. Care should be taken when making a decision that plan updates are not needed, as there are some source protection plans that apply different policies to different vulnerable area zones. Given this, you should confirm that the current policies would not need to change with the addition of the new or changing system before responding that no changes are needed to the plan. Where changes to a plan are not going to be made under section 34 of the *Clean Water Act*, you can include any necessary minor updates to include new wells or intakes and vulnerable area information through a future update under section 36 of the *Clean Water Act*.

When you are satisfied that the technical work is complete and can be used to proceed with source protection plan amendments you will provide a notice back to the system owner that must:

- include a statement that the source protection authority is satisfied the technical work is complete;

- identify any necessary amendments to the source protection plan, such as sections within the assessment report and source protection plan that will need to be revised, including whether or not it is anticipated that new policies will need to be developed;
- indicate when the source protection authority will be able to propose amendments to the source protection plan, you could consider including details such as when the changes will be provided to affected municipalities for endorsement, subsequent public consultation, and submission of the proposed amendment to the Minister if known; and
- identify whether any of the amendments have already been made.

Source protection authorities should have business processes in place so that you can receive the technical information provided by the system owners, provide the notice to the system owners, and amend source protection documents in a reasonable amount of time. The source protection authority must ensure that the person issuing the notice has the authority to issue this notice. Lead and local source protection authorities should examine any existing partnership agreements to ensure it's clear who has the authority to issue these notices in each of the source protection areas. It would be helpful to communicate your process to municipalities and system owners to ensure they are aware of your requirements.

Following issuance of the notice, the source protection authority and committee together will:

- amend the source protection plan and assessment report to include the new or changing system and associated vulnerable areas as well as any new or amended policies,
- consult on the proposed changes, and
- submit the proposed amendments to the Ministry for approval in accordance with the *Clean Water Act and regulations*.

Approval of the source protection plan amendment will ultimately rest with the Ministry, including confirmation that the technical work has been conducted in accordance with the Technical Rules as set out under *Clean Water Act*. Similar to the process used during the development of the initial assessment reports and source protection plans this will require examination of background documents developed in support of the vulnerable area delineation and scoring. Given this, please ensure you request this information from the drinking water system owner and submit it to the Ministry with your proposed source protection plan amendment.

Condition of approval

Drinking water works permits or licenses issued after July 1, 2018 will include a condition to prevent water from being supplied to the public until any necessary updates to the source protection plan are approved by the Minister. In order to ensure that new and changing

systems can provide treated water in a timely manner, ensure you consider their timelines when determining your timeline for the assessment report and source protection plan amendments.

Early engagement with municipalities

The province advises drinking water system owners to undertake source protection work early in the planning phases for new or changing drinking water systems to ensure that they are not delayed in providing water to the public. Where appropriate, they may initiate this work during the Class Environmental Assessment project. In other cases, they may initiate this work once they have finalized the location of wells or intakes and the planned pumping rates.

Some drinking water system owners may not understand the importance of initiating work early. Therefore, you should be working with your municipalities to encourage early engagement with you during the planning stages for new or changing systems. If you are aware of drinking water system projects that are underway that may not have completed the required vulnerable area information, you should contact the municipality to ensure that they will be able to meet the new regulatory requirements.

Regulation exemptions

You should also be aware that the new regulation does not apply in the following emergency situations:

- where an application for a drinking water works permit is being made to address an immediate drinking water health hazard; or
- a Declaration Order has been issued under the *Environmental Assessment Act*

Accordingly, there may be situations in which source protection plans would be required to be amended after a new system or system changes are made and brought into service. In this case, plan amendments should be made as soon as reasonably possible.

When the regulation does not apply

There may also be situations where the regulation does not require a notice be included with an application for a drinking water works permit. For example, if a drinking water system has already been included in a source protection plan as a planned system, then the regulation under the *Safe Drinking Water Act* does not apply. If this is the case, the source protection authority may want to provide a letter (which could be in the same format as your notice) that confirms the system is already included in the source protection plan. Alternatively, the municipality may choose to indicate in their application how it is already included in the existing source protection plan.

Resources Available

The new regulation can be accessed: www.ontario.ca/laws/regulation/r18205

For additional information about the new regulation please contact the Source Protection Programs Branch through your Liaison Officer or by email source.protection@ontario.ca

For more information on the drinking water works permit application process, please contact the Approvals & Licensing section in the Environmental Assessment and Permissions Branch of the Ministry of the Environment, Conservation, and Parks at:

Local: 416-314-4300

Toll Free: 1-888-999-1305

E-Mail: MDWLP@Ontario.ca

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Accordingly, there may be situations in which source protection plans would be required to be amended after a new system or system changes are made and brought into service. In this case, plan amendments should be made as soon as reasonably possible.

When the regulation does not apply

There may also be situations where the regulation does not require a notice be included with an application for a drinking water works permit. For example, if a drinking water system has already been included in a source protection plan as a planned system, then the regulation under the *Safe Drinking Water Act* does not apply. If this is the case, the source protection authority may want to provide a letter (which could be in the same format as your notice) that confirms the system is already included in the source protection plan. Alternatively, the municipality may choose to indicate in their application how it is already included in the existing source protection plan.

Resources Available

The new regulation can be accessed: www.ontario.ca/laws/regulation/r18205

For additional information about the new regulation please contact the Source Protection Programs Branch through your Liaison Officer or by email source.protection@ontario.ca

For more information on the drinking water works permit application process, please contact the Approvals & Licensing section in the Environmental Assessment and Permissions Branch of the Ministry of the Environment, Conservation, and Parks at:

Local: 416-314-4300

Toll Free: 1-888-999-1305

E-Mail: MDWLP@Ontario.ca

Key Reference and Guidance Material for Municipal Residential Drinking Water Systems

Many useful materials are available to help you operate your drinking water system. Below is a list of key materials owners and operators of municipal residential drinking water systems frequently use.

To access these materials online click on their titles below or use your web browser to search for their titles. Contact the Ministry if you need assistance or have questions at 1-866-793-2588 or

waterforms@ontario.ca.

For more information on Ontario's drinking water visit

www.ontario.ca/page/drinking-water



Click on the publication below to access it

- [Drinking Water System Profile Information Form - 012-2149E](#)
- [Laboratory Services Notification Form – 012-2148E](#)
- [Adverse Test Result Notification Form – 012-4444E](#)
- [Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils](#)
- [Procedure for Disinfection of Drinking Water in Ontario](#)
- [Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids](#)
- [Filtration Processes Technical Bulletin](#)
- [Ultraviolet Disinfection Technical Bulletin](#)
- [Guide for Applying for Drinking Water Works Permit Amendments, & License Amendments](#)
- [Certification Guide for Operators and Water Quality Analysts](#)
- [Training Requirements for Drinking Water Operator](#)
- [Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption](#)
- [Drinking Water System Contact List – 7128E01](#)
- [Ontario's Drinking Water Quality Management Standard - Pocket Guide](#)
- [2020 Watermain Disinfection Procedure](#)
- [List of Licensed Laboratories](#)