

Drinking Water and Environmental
Compliance Division
733 Exeter Rd
London ON N6E 1L3
Tel (519) 873-5000
Fax (519) 873-5020

Division de la conformité en matière d'eau
potable et d'environnement
733, rue Exeter
London ON N6E 1L3
Tel (519) 873-5000
Fax (519) 873-5020

June 19, 2023

File no. SI-MI-MC-WY-540

The Municipality of Middlesex Centre
R.R. #2, 10227 Ilderton Road
Ilderton, ON N0M 2A0

Attention: Eric Joudrey, Manager of Water and Wastewater Operations

Re: Melrose Drinking Water System Inspection Report (WW #260002915)
Inspection conducted on May 4, 2023

Dear Mr. Joudrey,

The enclosed Drinking Water Inspection Report outlines non-compliance, if any, with Ministry legislation, and policies for the above noted water system. Violations noted in this report, if any, have been evaluated based on community risk. These violations will be monitored for compliance with the minimum standards for drinking water in Ontario as set forth under the *Safe Drinking Water Act* and associated regulations. Where risk is deemed to be high and/or compliance is an ongoing concern, violations will be forwarded to this Ministry's Investigation and Enforcement Branch.

In order to measure individual inspection results, the Ministry has established an inspection compliance risk framework based on the principles of the Inspection, Investigation & Enforcement (II&E) Secretariat and advice of internal/external risk experts. The Inspection Summary Rating Record (IRR) provides the Ministry, the system owner and the local Public Health Units with a summarized quantitative measure of the drinking water system's annual inspection and regulated water quality testing performance.

Section 19 of the Safe Drinking Water Act (Standard of Care) creates a number of obligations for individuals who exercise decision-making authority over municipal drinking water systems. Please be aware that the Ministry has encouraged such individuals, particularly municipal councillors, to take steps to be better informed about the drinking water systems over which they have decision-making authority. These steps could include asking for a copy of this inspection report and a review of its findings. Further information about Section 19 can be found in "*Taking Care of Your Drinking Water: A guide for members of municipal council*" found under "Resources" on the Drinking Water Ontario website at www.ontario.ca/drinkingwater.

The Inspection Rating Report (IRR) methodology memo describes how the risk rating model has improved to better reflect the health related and administrative non-compliance found in an inspection report. IRR ratings are published (for the previous inspection year) in the Ministry's Chief Drinking Water Inspector's Annual Report. Please note that due to a change in IT systems, the IRR cannot be generated at the same time as the inspection report. The IRR will be sent separately and prior to any public release (typically within 1-2 month of the completion of the inspection).

If you have any questions regarding the report, please feel free to call me at (519) 281-1508.

Yours truly,



Andrew Winkler
Provincial Officer
London District Office

cc. Middlesex London Health Unit
Upper Thames River Conservation Area
MECP London District File



MELROSE DRINKING WATER SYSTEM
7 WYNFIELD GATE, MIDDLESEX CENTRE, ON, N6H 5L2
INSPECTION REPORT

Entity: THE CORPORATION OF THE
TOWNSHIP OF MIDDLESEX
CENTRE
Inspection Start Date: May 04, 2023
Inspection End Date: June 01, 2023
Inspected By: Andrew Winkler
Badge #: 1908



(signature)

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	DWMR1001000	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: What was the scope of this inspection?			
Compliance Response(s)/Corrective Action(s)/Observation(s): <p>The primary focus of this inspection is to confirm compliance with Ministry of the Environment, Conservation and Parks (MECP) legislation as well as evaluating conformance with ministry drinking water policies and guidelines during the inspection period. 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 practices.</p> <p>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.</p> <p>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.</p> <p>Provincial Officer Andrew Winkler conducted a site inspection of the Melrose Drinking Water System on May 04, 2023. Documents and records reviewed in relation to this inspection included but may not have been limited to:</p> <ul style="list-style-type: none"> - Municipal Drinking Water Licence (MDWL) #052-103, Issue #7, Issue date: February 4, 2022, - Drinking Water Works Permit (DWWP) # 052-203, Issue #3, Issue date: February 4, 2022, - Permit to Take Water (PTTW) number P-300-8072386149, Effective Date: March 14, 2020, - operator certification, - operation and maintenance manual(s), - operational/maintenance logs, and - microbiological & chemical test results. <p>Unless otherwise stated, the inspection review period included May 1, 2022 to April 30, 2023.</p>			

Question ID	DWMR1000000	Question Type	Information
Legislative Requirement(s): Not Applicable			

<p>Question: Does this drinking water system provide primary disinfection?</p>
<p>Compliance Response(s)/Corrective Action(s)/Observation(s): This drinking water system provides for both primary and secondary disinfection and distribution of water.</p>

Question ID	DWMR1007000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (1);			
Question: Is 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. While on-site it was noted that commercially manufactured well caps complete with seals, screened vents, electrical conduits and padlocks, were fastened to the well casings. The area in proximity to the well included sufficient grading to prevent standing water or soil erosion. Cement bollards were installed to prevent vehicles from damaging well casings. No concerns were noted with respect to sources of contamination.			

Question ID	DWMR1009000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Are measures in place to protect the groundwater and/or GUDI source in accordance with any MDWL and DWWP issued under Part V of the SDWA?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Measures were in place to protect the groundwater and/or GUDI source in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.			

As required by Section 16 Schedule B of the Municipal Drinking Water Licence, the system owner developed an inspection schedule for all wells associated with the drinking water system. Further, well inspection and maintenance procedures consider the entire well structure of each well including all above and below grade well components, and remedial action plans for situations where an inspection indicates noncompliance with respect to regulatory requirements and/or risk to raw well water quality.

Operations staff perform above surface well inspections monthly, and a third-party inspects subsurface components annually. Records show that a third-party last inspected subsurface components on September 2, 2022.

Question ID	DWMR1010000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Are trends in source water quality being monitored?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Trends in source water quality were being monitored. During the inspection it was noted that operations staff review current and historic raw water test results to evaluate source water quality trends. Potential irregularities would trigger further review and plan development for investigation or mitigation.			

Question ID	DWMR1014000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Is there sufficient monitoring of flow as required by the MDWL or DWWP issued under Part V of the SDWA?			
Compliance Response(s)/Corrective Action(s)/Observation(s): There was sufficient monitoring of flow as required by the Municipal Drinking Water Licence or Drinking Water Works Permit issued under Part V of the SDWA. In accordance with the Drinking Water Licence, source water entering the treatment plant and treated water leaving the plant to the distribution system were monitored and recorded. During the site inspection, a flowmeter was installed on each of the two raw water lines entering the treatment plant and one flowmeter installed to monitor flow entering the distribution system. Additional flowmeters were used to monitor flow of filtered and backwash water.			

Question ID	DWMR1015000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			

Question:

Are the flow measuring devices calibrated or verified in accordance with the requirements of the MDWL issued under Part V of the SDWA?

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

The flow measuring devices were calibrated or verified in accordance with the requirements of the MDWL issued under Part V of the SWDA.

MDWL # 052-103, Schedule C, Section 3 stipulates that applicable flow meters are required to be checked and calibrated in accordance with the manufacturer's instructions. If the manufacturer's instructions do not indicate how often to check and calibrate the flow measuring devices, then they are required to be done on an annual basis.

The services of a third-party is obtained to verify the accuracy applicable flowmeters on an annual basis. Records demonstrate that flowmeters were last verified on October 31, 2022.

Question ID	DWMR1016000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Is the owner in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the MDWL issued under Part V of the SDWA?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner was in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the Municipal Drinking Water Licence issued under Part V of the SDWA. The Municipal Drinking Water Licence identifies the rated capacity for this facility as 277 m3/day. Records demonstrate that the greatest daily flow to the distribution system was 116.64 m3 on July 10, 2022.			

Question ID	DWMR1017000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Were appropriate records of flows and any capacity exceedances made in accordance with the MDWL issued under Part V of the SDWA?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Appropriate records of flows and any capacity exceedances were made in accordance with the Municipal Drinking Water Licence issued under Part V of the SDWA. Appropriate flow records were maintained. No capacity exceedances were noted during this inspection review period.			

Question ID	DWMR1013000	Question Type	Legislative
Legislative Requirement(s): OWRA 34 (3);			
Question: Is the owner in compliance with all conditions of the PTTW?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner was in compliance with all conditions of the PTTW. The system owner was issued Permit To Take Water (PTTW) number P-300-8072386149, dated March 14, 2020. In accordance with the permit, the system owner maintained dates & times of water taking, flow rates of pumping and total volume of water taken per day, from each production well.			

Question ID	DWMR1018000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Has the owner ensured that all equipment is 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 had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.			

Question ID	DWMR1021000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Is the owner/operating authority able to demonstrate that, when required during the inspection period, Form 2 documents were prepared in accordance with their Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner/operating authority was in compliance with the requirement to prepare Form 2 documents as required by their Drinking Water Works Permit during the inspection period. A Form 2 is used to record minor modifications to the Drinking Water System. A Form 2 record was created for replacing the existing distribution chlorine storage tank with a 60L HDPE tank, dated November 22, 2022.			

Question ID	DWMMR1028000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Are up-to-date plans for the drinking water system kept in place, or made available in such a manner, that they may be readily viewed by all persons responsible for all or part of the operation of the drinking water system in accordance with the DWWP and MDWL issued under Part V of the SDWA?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Up-to-date plans for the drinking water system were kept in a place, or made available in such a manner, that they could be readily viewed by all persons responsible for all or part of the operation of the drinking water system in accordance with the DWWP and MDWL issued under Part V of the SDWA.			

Question ID	DWMMR1023000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);			
Question: Do records indicate that the treatment equipment was operated in a manner that achieved the design capabilities required under Ontario Regulation 170/03 or a DWWP and/or MDWL issued under Part V of the SDWA 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 required under O. Reg. 170/03 or a Drinking Water Works Permit and/or Municipal Drinking Water Licence issued under Part V of the SDWA at all times that water was being supplied to consumers.			

The CT calculations document (dated August 18, 2017) in Appendix C of the facility's Operation and Maintenance Manual provides the following three operational scenarios:

1) Normal reservoir operation with fire pump in service

Both reservoirs in service – flow travels through reservoir #1 and reservoir #2.

- CT = 4
- Maximum Flow Rate = 38 L/sec
- Minimum depth in reservoir #1 and reservoir #2 = 0.84 m
- Baffling factor = 0.7
- Minimum Required Chlorine Concentration = 0.13 mg/L

2) Abnormal 1 – one reservoir with fire pump in service

Only reservoir #1 in service (reservoir #2 offline)

- CT = 4
- Maximum Flow Rate = 38 L/sec
- Minimum depth in reservoir #1 = 0.84 m
- Baffling factor = 0.7
- Minimum Required Chlorine Concentration = 0.26 mg/L

3) Abnormal 2 – one reservoir with fire pump in service

Only reservoir #2 in service (reservoir #1 offline)

- CT = 4
- Maximum Flow Rate = 38 L/sec
- Minimum depth in reservoir #1 = 0.84 m
- Baffling factor = 0.7
- Minimum Required Chlorine Concentration = 0.26 mg/L

The fire pump provides the greatest flow rate (38 L/sec) of the available distribution pumps. It is understood that if the fire pump is used, the PLC programming would prevent the remaining distribution pumps from running.

Data Review

Continuous analyzers used to monitor primary disinfection recorded data in one-minute intervals. Unusual readings were attributed to brief power disruptions, communication faults and equipment maintenance.

Question ID	DWMR1027000	Question Type	Legislative
<p>Legislative Requirement(s): SDWA 31 (1);</p>			
<p>Question: Does the owner have evidence indicating that all chemicals and materials which come in contact with water within the drinking water system have met all applicable AWWA and ANSI standards in accordance with the DWWP and MDWL issued under Part V of the SDWA?</p>			

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

The owner had evidence indicating that all chemicals and materials that come in contact with water within the drinking water system met the AWWA and ANSI standards in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.

Question ID	DWMMR1024000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);			
Question: Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes 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 purposes was operated so that at all times and all locations in the distribution system the chlorine residual was never less than 0.05 mg/l free or 0.25 mg/l combined. The same chlorination equipment is used for both primary and secondary disinfection. A continuous chlorine analyzer measures free chlorine residual just prior to treated water leaving the water plant and entering the distribution system. The lowest chlorine residual reading automatically recorded with a distribution pump running was 0.62 mg/L on August 30, 2022. Operators collect and test free chlorine residuals from hydrants and a sample station in the distribution system. Test results are recorded on "Melrose WD Residual" log sheets. The lowest free chlorine residual recorded was 0.93 mg/L on April 18, 2023.			

Question ID	DWMMR1034000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-2 (5); SDWA O. Reg. 170/03 7-2 (6);			
Question: Is the secondary disinfectant residual measured as required for the small municipal residential distribution system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The secondary disinfectant residual was measured as required for the small municipal residential distribution system. Records demonstrate that at least two water samples were collected at least 48 hours apart and tested for free chlorine residual each week. Test results were recorded on operational log sheets and chain of custody paperwork.			

Question ID	DWMMR1049000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Do records confirm that disinfectant residuals are routinely checked at the extremities and dead ends of the distribution system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records confirmed that disinfectant residuals were routinely checked at the extremities and dead ends of the distribution system. Records demonstrate that operators routinely collect samples and test for free chorine residuals from hydrants and a sample station in the distribution system.			

Question ID	DWMMR1036000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-7 (1);			
Question: Where continuous monitoring equipment is not used for chlorine residual analysis, are samples tested using an acceptable portable device?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Samples for chlorine residual analysis were tested using an acceptable portable device.			

Question ID	DWMMR1030000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-2 (1); SDWA O. Reg. 170/03 7-2 (2);			
Question: Is primary disinfection chlorine monitoring being conducted at a location approved by MDWL and/or DWWP issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Primary disinfection chlorine monitoring was conducted at a location approved by Municipal Drinking Water Licence and/or Drinking Water Works Permit issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved. A continuous analyzer monitors free chlorine residuals from a location after the reservoirs, and prior to treated water entering the distribution system.			

Question ID	DWMMR1031000	Question Type	BMP
Legislative Requirement(s): Not Applicable			

Question:

Are operators aware of the operational criteria necessary to achieve primary disinfection within the drinking water system?

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

Operators were aware of the operational criteria necessary to achieve primary disinfection within the drinking water system.

During the site inspection, the overall responsible operator presented the CT calculations worksheet that included minimum free chlorine residual requirements for different operational scenarios.

Question ID	DWMMR1035000	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:

Are operators examining continuous monitoring test results and are they examining the results within 72 hours of the test?

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

Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.

Operators review critical operational data and add comments to a daily report.

Question ID	DWMMR1038000	Question Type	Legislative
--------------------	--------------	----------------------	-------------

Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 6-5 | (1)1-4;

Question:

Is continuous monitoring equipment that is being utilized to fulfill O. Reg. 170/03 requirements performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 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 specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format.

The system owner provided one minute data intervals obtained from online analyzers that measured free chlorine residuals, reservoir levels, flow rates, turbidity, and distribution system pressure.

Question ID	DWMMR1037000	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; SDWA | O. Reg. 170/03 | 6-5 | (1.1);

Question:

Are all continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or MDWL or DWWP or order, equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6?

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

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, were equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6.

High and low setpoints for critical treatment parameters were programmed into SCADA and observed while on-site. Alarms and automatic shut off mechanisms were programmed to engage when the pre-determined setpoints are reached.

Question ID	DWWMR1040000	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:

Are 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, in accordance with the manufacturer's instructions or the regulation.

Operators verify readings from the continuous free chlorine analyzer against test results obtained from a portable chlorine analyzer three times per week. The continuous analyzer was calibrated as needed. Operators verified portable chlorine analyzers using calibration standards monthly and a third-party technician performed calibrations annually.

Operators verify readings from the continuous turbidity analyzer against test results obtained from a portable turbidity analyzer weekly. Operators verified the portable turbidity analyzer using calibration standards weekly and a third-party technician performed calibrations annually.

Question ID	DWWMR1108000	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; 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, an Order, MDWL, or DWWP issued under Part V, SDWA, has triggered an alarm or an automatic shut-off, did a qualified person respond in a timely manner and take appropriate actions?

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

Where required continuous monitoring equipment used for the monitoring of chlorine residual and/or turbidity triggered an alarm or an automatic shut-off, a qualified person responded in a timely manner and took appropriate actions.

The final continuous cl2 analyzer low level alarm was set to low 0.8 mg/L and low low 0.6 mg/L during the on-site inspection. Data recorded in SCADA demonstrates that test results briefly dipped below 0.8mg/L on August 30, 2022. While an operator and electrician were performing maintenance on-site. The operator took appropriate actions and the event was recorded in the facility's logbook.

Question ID	DWMR1099000	Question Type	Information
Legislative Requirement(s):			
Not Applicable			
Question:			
Do records show that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03)?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
Records showed that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03).			

Question ID	DWMR1080000	Question Type	Legislative
Legislative Requirement(s):			
SDWA O. Reg. 170/03 11-3 (1); SDWA O. Reg. 170/03 11-3 (3);			
Question:			
For SMR systems, are all microbiological water quality monitoring requirements for raw water samples prescribed by legislation being met?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
All microbiological water quality monitoring requirements prescribed by legislation for raw water samples were being met.			
Records demonstrate that monthly samples from each well were collected and tested for microbiological parameters in accordance with section 11-3 of O.Reg 170/03.			

Question ID	DWMMR1082000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 11-2 (1); SDWA O. Reg. 170/03 11-2 (2); SDWA O. Reg. 170/03 11-2 (6);			
Question: For SMR systems, are all microbiological water quality monitoring requirements for distribution samples prescribed by legislation being met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a small municipal residential system were being met. Records demonstrate that distribution samples were collected and tested for microbiological parameters every two weeks in accordance with section Section 11-2 of O. Reg. 170/03.			

Question ID	DWMMR1096000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-3 (1);			
Question: Do records confirm that chlorine residual tests are being conducted at the same time and at the same location that microbiological samples are obtained?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained. Chlorine residual test results were recorded on sample submission chain of custody paperwork and chlorine residual logsheets.			

Question ID	DWMMR1084000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-2;			
Question: Are all inorganic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All inorganic water quality monitoring requirements prescribed by legislation were conducted within the required frequency. Section 13-2 of O. Reg. 170/03 requires at least one sample collected and tested for the inorganic parameters identified in Schedule 23 every 60 months. Records demonstrate that the last two samples collected and tested for these inorganic parameters were on January 17, 2022, and January 2, 2017.			

Question ID	DWMMR1085000	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: Are all organic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All organic water quality monitoring requirements prescribed by legislation were conducted within the required frequency. Section 13-4 of O. Reg. 170/03 requires at least one sample collected and tested for the organic parameters identified in Schedule 24 every 60 months. Records demonstrate that the last two samples collected and tested for these organic parameters was on January 17, 2022, and January 2, 2017.			

Question ID	DWMMR1086000	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: Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All haloacetic acid water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location. Section 13-6.1 (1) & (2) of O. Reg. 170/03 required at least one distribution sample collected from a point in the distribution system or plumbing connected to the drinking water system, that is likely to have an elevated potential for the formation of haloacetic acids. Sample(s) must be collected every three months or in each calendar quarter and tested for haloacetic acids. The last five samples collected and tested for haloacetic acids occurred on April 11, 2023, January 3, 2023, October 3, 2022, July 4, 2022, and April 4, 2022.			

Question ID	DWMMR1087000	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:

Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?

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

All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.

Section 13-6 (1) & (2) of O. Reg. 170/03 required at least one distribution sample collected from a point in the distribution system or plumbing connected to the drinking water system, that is likely to have an elevated potential for the formation of trihalomethanes. Sample(s) must be collected every three months or in each calendar quarter and tested for trihalomethanes.

The last five samples collected and tested for trihalomethanes occurred on April 11, 2023, January 3, 2023, October 3, 2022, July 4, 2022, and April 4, 2022.

Question ID	DWMR1088000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-7;			
Question: Are all nitrate/nitrite water quality monitoring requirements prescribed by legislation conducted within the required frequency for the DWS?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All nitrate/nitrite water quality monitoring requirements prescribed by legislation were conducted within the required frequency.			
Section 13-7 of O. Reg. 170/03 required at least one sample collected every three months and tested for nitrate and nitrite. The last five samples collected for testing occurred on April 4, 2023, January 3, 2023, October 17, 2022, July 4, 2022, and April 4, 2022.			

Question ID	DWMR1089000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-8;			
Question: Are all sodium water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All sodium water quality monitoring requirements prescribed by legislation were conducted within the required frequency.			
Section 13-8 of O. Reg. 170 required at least one sample collected every 60 months and tested for sodium. The last two sampling events occurred on January 24, 2022 and January 9, 2017.			

Question ID	DWMMR1090000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-9;			
Question: Where fluoridation is not practiced, are all fluoride water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All fluoride water quality monitoring requirements prescribed by legislation were conducted within the required frequency. Section 13-9 of O. Reg. 170 required at least one sample collected every 60 months and tested for fluoride. The last two fluoride sampling events occurred on January 17, 2022 and January 2, 2017.			

Question ID	DWMMR1092000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-2;			
Question: Has the owner ensured that water samples are taken at the prescribed location?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner ensured that water samples were taken at the prescribed location.			

Question ID	DWMMR1094000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Are all water quality monitoring requirements imposed by the MDWL and DWWP being met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were being met. Distribution lead samples were collected and tested in accordance with Table 2 and Table 3 of the MDWL.			

Question ID	DWMMR1097000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-3 (1.1);			

<p>Question: If the drinking water system obtains water from a ground water source, is turbidity being tested at least once every month from each well that is supplying water to the system?</p>
<p>Compliance Response(s)/Corrective Action(s)/Observation(s): Turbidity was being tested at least once every month from each well that is supplying water to the system.</p>

Question ID	DWMR1098000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13 (1); SDWA O. Reg. 170/03 13 (2); SDWA O. Reg. 170/03 13 (3);			
Question: Has the owner indicated that the required records are kept and will be kept for the required time period?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner indicated that the required records are kept and will be kept for the required time period. The overall responsible operator indicated that operational records are kept for at least 15 years.			

Question ID	DWMR1110000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 11 (6);			
Question: Was an Annual Report containing the required information prepared by February 28 of the following year?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The Annual Report containing the required information was prepared by February 28th of the following year.			

Question ID	DWMR1111000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 22-2 (1); SDWA O. Reg. 170/03 22-2 (2); SDWA O. Reg. 170/03 22-2 (3); SDWA O. Reg. 170/03 22-2 (4);			
Question: Have Summary Reports for municipal council been completed on time, include the required content, and distributed in accordance with the regulatory requirements?			

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

Summary Reports for municipal council were completed on time, included the required content, and were distributed in accordance with the regulatory requirements.

Question ID	DWMR1113000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 10.1 (3);			
Question: Have all changes to the system registration information been provided to the Ministry within ten (10) days of the change?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All changes to the system registration information were provided within ten (10) days of the change.			

Question ID	DWMR1046000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Is there a backflow prevention program, policy and/or bylaw in place that addresses cross connections and connections to high hazard facilities?			
Compliance Response(s)/Corrective Action(s)/Observation(s): There was a backflow prevention program, policy and/or bylaw in place. The system owner created a Water By-law (2018 – 028) that addresses cross connections and backflow prevention.			

Question ID	DWMR1053000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Is the Owner able to maintain proper pressures in the distribution system and is pressure monitored to alert the operator of conditions which may lead to loss of pressure below the value under which the system is designed to operate?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner was able to maintain proper pressures in the distribution system and pressure was monitored to alert the operator of conditions which may lead to loss of pressure below the value under which the system is designed to operate.			

Equipment was installed to continuously monitor the pressure of water discharged from the water treatment facility to the distribution system. Records were electronically recorded through SCADA. Further, operators manually verified and recorded readings on operational log sheets.

The ministry recommends maintaining a minimum 20 psi in all parts of a distribution system. For this report, a distribution pressure less than 20 psi is considered a low-pressure event.

The system experienced a low-pressure event in the distribution system that lasted approximately 8 minutes on March 14, 2023 (AWQI # 161493). Continuous data records demonstrate that at least 7 psi was maintained in the distribution system during the event. It was reported that the event occurred due to the distribution system being isolated for 17 minutes, while a leaking chlorine injector fitting was replaced at the water plant.

The system experienced a low-pressure event in the distribution system that lasted approximately 26 minutes on April 6, 2023 (AWQI # 161701). Continuous data records demonstrate that at least 5 psi was maintained in the distribution system during the event. It was reported that the electric highlift pumps were not operational due to a power outage while the backup generator was being repaired.

Question ID	DWMR1047000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Does the owner have a program or maintain a schedule for routine cleanout, inspection and maintenance of reservoirs and elevated storage tanks within the distribution system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had a program or maintained a schedule for routine cleanout, inspection and maintenance of reservoirs and elevated storage tanks within the distribution system. In discussion with the overall responsible operator, it was noted that the on-site reservoirs are inspected every five years and cleaned every 10 years. There are no elevated storage tanks in this water system.			

Question ID	DWMR1048000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Has the owner implemented a program for the flushing of water mains as per industry standards?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had implemented a program for the flushing of water mains as per industry standards.			

In discussion with the overall responsible operator, it was noted that the system is flushed annually. Operators record flushing activities on an internal municipal form. Records demonstrate that the last system flushing occurred in conjunction with the hydrant testing program in June of 2022.

Question ID	DWMMR1050000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Is there a program in place for inspecting and exercising valves?			
Compliance Response(s)/Corrective Action(s)/Observation(s): There was a program in place for inspecting and exercising valves. In discussion with the Overall Responsible Operator, it was noted that all valves in the system are exercised annually. Operators record activities on the corresponding internal municipal form and include any potential issues that they identify.			

Question ID	DWMMR1051000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Is there a program in place for inspecting and operating hydrants?			
Compliance Response(s)/Corrective Action(s)/Observation(s): There was a program in place for inspecting and operating hydrants. Records demonstrated that fire flow testing and hydrant inspections occurred in June of 2022. Operators recorded actions and observations on the corresponding internal municipal tracking sheets.			

Question ID	DWMMR1052000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Is there a by-law or policy in place limiting access to hydrants?			
Compliance Response(s)/Corrective Action(s)/Observation(s): There was a by-law or policy in place limiting access to hydrants. The system owner created Water By-law (2018 – 028) that restricts access to hydrants.			

Question ID	DWMMR1058000	Question Type	Legislative
--------------------	--------------	----------------------	-------------

Legislative Requirement(s): SDWA O. Reg. 128/04 28;
Question: Do operators and maintenance personnel have ready access to operations and maintenance manuals?
Compliance Response(s)/Corrective Action(s)/Observation(s): Operators and maintenance personnel had ready access to operations and maintenance manuals. Manuals were observed at the water treatment facility and available to operators.

Question ID	DWWMR1059000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 28;			
Question: Do the operations and maintenance manuals contain plans, drawings and process descriptions sufficient for the safe and efficient operation of the system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.			

Question ID	DWWMR1060000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The operations and maintenance manuals met the requirements of the Drinking Water Works Permit and Municipal Drinking Water Licence issued under Part V of the SDWA.			

Question ID	DWWMR1061000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 27 (1); SDWA O. Reg. 128/04 27 (2); SDWA O. Reg. 128/04 27 (3); SDWA O. Reg. 128/04 27 (4); SDWA O. Reg. 128/04 27 (5); SDWA O. Reg. 128/04 27 (6); SDWA O. Reg. 128/04 27 (7);			
Question: Are logbooks properly maintained and contain the required information?			

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

Logbooks were properly maintained and contained the required information.

Question ID	DWMMR1062000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 7-5;			
Question: Do records or other record keeping mechanisms confirm that operational testing not performed by continuous monitoring equipment is being done by a certified operator, water quality analyst, or person who meets the requirements of O. Reg. 170/03 7-5?			
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 being done by a certified operator, water quality analyst, or person who suffices the requirements of O. Reg. 170/03 7-5.			

Question ID	DWMMR1063000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-10 (1);			
Question: For every required operational test and for every required sample, is a record made of the date, time, location, name of the person conducting the test and result of the test?			
Compliance Response(s)/Corrective Action(s)/Observation(s): For every required operational test and every required sample, a record was made of the date, time, location, name of the person conducting the test and result of the test. Applicable information was recorded in the facility's logbook or on an operational logsheets.			

Question ID	DWMMR1064000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 26 (2);			
Question: Did the operator-in-charge ensure that records were maintained of all adjustments made to the processes within his or her responsibility?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The operator-in-charge ensured that records were maintained of all adjustments made to the processes within his or her responsibility. Certified operators record process adjustments in the facility's logbook. Operators-in-charge and the compliance coordinator review logbook entries.			

Question ID	DWMR1065000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 27 (6);			
Question: Are logs and other record keeping mechanisms available for at least five (5) years?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Logs or other record keeping mechanisms were available for at least five (5) years.			

Question ID	DWMR1066000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Is spill containment provided for process chemicals and standby power generator fuel?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Spill containment was provided for process chemicals and/or standby power generator fuel. Sodium hypochlorite containers were stored in an area of the facility that provides secondary containment in the event of a spill. The standby generator runs on natural gas.			

Question ID	DWMR1067000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Are clean-up equipment and materials in place for the clean up of spills?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Clean-up equipment and materials were in place for the clean up of spills. A yellow container full of spill clean-up equipment was observed on-site.			

Question ID	DWMR1068000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: If available, are standby power generators tested under normal load conditions?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Standby power generators were tested under normal load conditions.			

Operators test the standby generator under load monthly, and a third-party technician performs annual maintenance & testing.

Question ID	DWMR1069000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Are all storage facilities completely covered and secure?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All storage facilities were completely covered and secure. Reservoir hatches are equipped with gaskets and located inside the water treatment building.			

Question ID	DWMR1070000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Are air vents and overflows associated with reservoirs and elevated storage structures equipped with screens?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Air vents and overflows associated with reservoirs and elevated storage structures were equipped with screens. Reservoir vents were equipped with screens and located inside the water treatment building.			

Question ID	DWMR1071000	Question Type	BMP
Legislative Requirement(s): Not Applicable			
Question: Has the owner provided security measures to protect components of the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had provided security measures to protect components of the drinking water system. In addition to mechanical security measures, electronic security measures are also installed. It was also noted that the municipality has cyber security initiatives in place.			

Question ID	DWMR1072000	Question Type	BMP
Legislative Requirement(s): Not Applicable			

Question:

Has the owner and/or operating authority undertaken efforts to promote water conservation and reduce water losses in their system?

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

The owner and/or operating authority undertook efforts to promote water conservation and reduce water losses in their system.

The system owner created a Water By-law (2018 – 028) that speaks to water conservation.

Question ID	DWMR1073000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 23 (1);			
Question: Has the overall responsible operator been designated for all subsystems which comprise the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The overall responsible operator had been designated for each subsystem. The Water and Wastewater Operations Supervisor was identified as the overall responsible operator (ORO) for the Melrose Drinking Water System and a certified operator was identified as the back-up ORO. The ORO and back-up ORO both held valid water operator certificates appropriate for this system.			

Question ID	DWMR1078000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 23 (1); SDWA O. Reg. 128/04 23 (2); SDWA O. Reg. 128/04 23 (4); SDWA O. Reg. 128/04 23 (6); SDWA O. Reg. 128/04 23 (7);			
Question: In instances where the overall responsible operator was unable to act, was an adequately certified operator designated to act in place of the overall responsible operator?			
Compliance Response(s)/Corrective Action(s)/Observation(s): An adequately licenced operator was designated to act in place of the overall responsible operator when the overall responsible operator was unable to act. The acting overall responsible operator was identified in the facility's logbook for each daily entry.			

Question ID	DWMR1074000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 25 (1);			

Question:

Have operators-in-charge been designated for all subsystems which comprise the drinking water system?

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

Operators-in-charge had been designated for all subsystems which comprise the drinking water system.

Question ID	DWMR1075000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 22;			
Question: Do all operators possess the required certification?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All operators possessed the required certification.			

Question ID	DWMR1076000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);			
Question: Do only certified operators make adjustments to the treatment equipment?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Only certified operators made adjustments to the treatment equipment. Entries in the facility logbook demonstrate that only certified operators make adjustments to treatment equipment.			



Key Reference and Guidance Material for Drinking Water Systems

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 in the table 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/drinkingwater



PUBLICATION TITLE	PUBLICATION NUMBER
FORMS: Drinking Water System Profile Information Laboratory Services Notification Adverse Test Result Notification	012-2149E 012-2148E 012-4444E
Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils	Website
Procedure for Disinfection of Drinking Water in Ontario	Website
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids	Website
Filtration Processes Technical Bulletin	Website
Ultraviolet Disinfection Technical Bulletin	Website
Guide for Applying for Drinking Water Works Permit Amendments, & License Amendments	Website
Certification Guide for Operators and Water Quality Analysts	Website
Guide to Drinking Water Operator Training Requirements	9802E
Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption	Website
Drinking Water System Contact List	7128E01
Ontario's Drinking Water Quality Management Standard - Pocket Guide	Website
Watermain Disinfection Procedure	Website
List of Licensed Laboratories	Website

Principaux guides et documents de référence sur les réseaux résidentiels municipaux d'eau potable

De nombreux documents utiles peuvent vous aider à exploiter votre réseau d'eau potable. Vous trouverez ci-après une liste de documents que les propriétaires et exploitants de réseaux résidentiels municipaux d'eau potable utilisent fréquemment. Pour accéder à ces documents en ligne, cliquez sur leur titre dans le tableau ci-dessous ou faites une recherche à l'aide de votre navigateur Web. Communiquez avec le ministère au 1-866-793-2588, ou encore à waterforms@ontario.ca si vous avez des questions ou besoin d'aide.



Pour plus de renseignements sur l'eau potable en Ontario, consultez le site www.ontario.ca/eaupotable

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Renseignements sur le profil du réseau d'eau potable	012-2149F
Avis de demande de services de laboratoire	012-2148F
Avis de résultats d'analyse insatisfaisants et de règlement des problèmes	012-4444F
Prendre soin de votre eau potable - Un guide destiné aux membres des conseils municipaux	Site Web
Marche à suivre pour désinfecter l'eau potable en Ontario	Site Web
Stratégies pour minimiser les trihalométhanes et les acides haloacétiques de sous-produits de désinfection	Site Web
Filtration Processes Technical Bulletin (en anglais seulement)	Site Web
Ultraviolet Disinfection Technical Bulletin (en anglais seulement)	Site Web
Guide de présentation d'une demande de modification du permis d'aménagement de station de production d'eau potable	Site Web
Guide sur l'accréditation des exploitants de réseaux d'eau potable et des analystes de la qualité de l'eau de réseaux d'eau potable	Site Web
Guide sur les exigences relatives à la formation des exploitants de réseaux d'eau potable	9802F
Échantillonnage et analyse du plomb dans les collectivités : échantillonnage normalisé ou réduit et admissibilité à l'exemption	Site Web
Liste des personnes-ressources du réseau d'eau potable	Site Web
L'eau potable en Ontario - Norme de gestion de la qualité - Guide de poche	Site Web
Procédure de désinfection des conduites principales	Site Web
Laboratoires autorisés	Site Web