Ministry of the Environment, Conservation & Parks

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February 5, 2024

Sent by Email: clerk@southbruce.ca

The Corporation of the Municipality of South Bruce
21 Gordon Street East
Teeswater, Ontario
N0G 2S0

Attention: Leanne Martin
CAO/Clerk

Dear Ms. Martin:

Re: 2023/2024 Inspection Report
Mildmay Drinking Water System
Drinking Water Licence 095-101, Issue #6
Drinking Water Works Permit 095-201, Issue #4

Please find enclosed the Drinking Water System Inspection Report for the Mildmay Drinking Water System (DWS# 220002654). This year's inspection was conducted on November 24, 2023.

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 councilors, 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 on the Drinking Water Ontario website at www.ontario.ca/drinkingwater.

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. The IRR for each drinking water system is published in the Ministry's Chief Drinking Water Inspector's Annual Report.

Also enclosed is the Ministry's guidance document that describes the risk rating methodology which has been applied to the findings of the Ministry's municipal residential drinking water system inspection results. If you have any questions or concerns regarding the rating, please contact John Ritchie, District Manager, at (519) 377-1058.

Likewise, if you have any questions or concerns regarding this report, please call me at (519) 374-0231.

Yours truly,

Heather Lovely
Water Compliance Inspector
Phone: 519-374-0231
e-mail: heather.lovely@ontario.ca

Enclosure

ec: - Dr. Ian Arra, Medical Officer of Health, Grey-Bruce Health Unit
- Andrew Barton, Environmental Health Manager, Grey-Bruce Health Unit
- Stu Moffat, Operations Manager, Municipality of South Bruce
- Scott Gowan, Project Manager, Veolia Water Canada
- Bailey McGarrity, QMS Representative, Veolia Water Canada
- Nancy Guest, Administrative Assistant, Saugeen Valley Conservation Authority
-John Ritchie, District Manager, Owen Sound District Office, Ministry of the Environment, Conservation & Parks

c: File SI-BR-ST-AB-540 (2023)

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MILDMAY DRINKING WATER SYSTEM
38 ABSALOM ST W, SOUTH BRUCE, ON, N0G 2J0

INSPECTION REPORT

System Number:	220002654
Entity:	THE CORPORATION OF THE MUNICIPALITY OF SOUTH BRUCE VEOLIA WATER CANADA INC.
Inspection Start Date:	November 24, 2023
Inspection End Date:	February 02, 2024
Inspected By:	Heather Lovely
Badge #:	1680

(signature)

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:** DWMR1094000 Are all water quality monitoring requirements imposed by the MDWL and DWWP being met?	All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were not being met. By February 21, 2024, the operating authority shall provide the author of this report proof of staff training regarding compliance to the Mildmay Municipal Drinking Water Licence 095-101, Issue 6, Schedule E condition 3.

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):
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.

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.

On November 24, 2023, Heather Lovely met with Veolia Water Canada ORO, Scott Gowan, to conduct an inspection of the Mildmay Drinking Water System (DWS). The site inspection included the treatment equipment, the elevated tower and the diesel generator located in the pump house.

The Mildmay DWS is located in the Municipality of South Bruce and Veolia Water Canada is the Operating Authority of the drinking water system on behalf of the municipality (owner).

The inspection period for this report is from the date of the last inspection, November 17, 2022, to the date of the current inspection, November 24, 2023.

Question ID	DWMR1000000	**Question Type**	Information

Legislative Requirement(s):
Not Applicable

Question:
Does this drinking water system provide primary disinfection?

Compliance Response(s)/Corrective Action(s)/Observation(s):
This drinking water system provides for both primary and secondary disinfection and distribution of water.

This DWS has one water treatment site at the pump house for two artesian production wells and uses sodium hypochlorite to provide primary disinfection of groundwater.

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.

A review of almost 14 years of raw water test results (n=2909/parameter) indicates little influence of surface water on the groundwater sources. During that time there were 2909 samples taken from Wells 1 and 2 and analyzed for both total coliforms and E. coli. Of those samples, there were seven instances (0.24% of samples) in which total coliforms were detected and zero instances of E. coli detected. Most recently total coliforms were detected in the Well 1 raw water that was sampled on January 3, 2023, with a concentration of 1 cfu/100 mL.

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.

Conditions 16.2.8, 16.2.9 and 16.2.10 of Schedule B of Municipal Drinking Water Licence 095-101, Issue 6 prescribe that the Mildmay DWS Operations and Maintenance Manual must include a well inspection and maintenance program that includes the following:
•An inspection schedule for all wells associated with the drinking water system, including all

production wells, stand-by wells, test wells and monitoring wells;
•Well inspection and maintenance procedures for 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 non-compliance with respect to regulatory requirements and/or risk to raw well water quality.

The Mildmay DWS Operations and Maintenance Manual states the following:
Wells 1 and 2 are inspected Monthly by the Operators to verify that wells are artesian, and to check the overall well head conditions and security. Grab Raw Water Turbidity Samples are also collected from each well on a weekly basis. Detailed Well inspections of all above and below ground conditions and equipment are completed every 10 years, or additionally as required. The inspection of below ground conditions must be completed by a certified well technician. Any required repairs or remedial action will be dealt with in a timely manner, and all work will be performed by a certified well technician.

Records demonstrate that Well 1 and 2 were inspected each month as per the "Well Description and Inspection Schedule" (OMSB-MWS-H-03) of the Mildmay Operations and Maintenance Manual.

In addition, the Operating Authority summarized the raw water quality results in the 2022 Summary Compliance Report and included the following statements.
"Based on this information [microbiological and turbidity data] it does not appear that a below grade inspection of the well is required at this time. The previous below grade inspection for Well #1 was completed in 2014. The next below grade inspection should take place in 2024."
"Based on this information it does not appear that a below grade inspection of the well is required at this time. The previous below grade inspection for Well #2 was completed in 2015. The next below grade inspection should take place in 2025."

The ministry recommends that the historical (e.g., 10 years) raw water quality data is included in the Compliance Report for comparison purposes, e.g., mean values reported with variance.

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.

Trends in source water quality are regularly monitored by operating authority staff.

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.

Flow measurement conditions 2.1.1 and 2.1.2 (Schedule C) of the MDWL (095-101) state flow rate and volume of water into the treatment subsystem and into the distribution subsystem must be recorded daily. The two flow meters in the pump house measure the flow rate of raw water into the treatment system from each of the production wells. There is no treated water flow meter however, the treated water flows directly to the distribution system and water tower.

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.

Advanced Meter Service conducted verification of the flow meters on April 12, 2023. Calibration of the flow meters occurred within one year of the previous calibration on October 25, 2022. Both flow meters are 4" Sensus W-1000. Both flow meters were within the allowable verification tolerance (+\- 5%).

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 MDWL (095-101, Issue 4) does not stipulate a maximum flow rate, however, the rated capacity is established as 1637 m3/day. The Daily Reports were reviewed for the inspection period and there were no exceedances of rated capacity within the inspection 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 Mildmay DWS operates under Permit to Take Water (PTTW) #5676-CBERKY, dated February 9, 2022. This PTTW applies to both well 1 and 2 and stipulates the following:
• Maximum allowable flow is 1260 L/minute or 21 L/s
• Maximum volume taken per day is 1,637,280 L/day or 1637 m3/day
• Maximum amount of time for water taking per day is 22 hours.
There were no exceedances of these parameters.

Condition 4.2 of the PTTW also stipulates the Permit Holder shall determine and record whether the wells are under artesian conditions at least once in every 90 day period. Operating Authority staff consistently checked the artesian conditions of the wells each month throughout the inspection period, which is more frequently than required by the PTTW.

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	DWMR1020000	**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 1 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 1 documents as required by their Drinking Water Works Permit during the inspection period.

There was one Form 1 completed for the Mildmay DWS within the inspection review period for installation of new 200 mm watermain (DR 18 PVC) and appurtenances on Adam Street from Church Street to Nockerville Drive. The total length was 808 m and includes approximately 85 m of SDR 11 PE (250 mm) directional drill watermain pipe under Otter Creek. This also includes 150 mm watermain stubs (DR 18 PVC) at intersection of Adam Street and Mel Street and where the Bruce County Rail Trail crosses Adam Street.

The Form 1 was signed and dated by a Professional Engineer and municipal Manager of Operations on November 22, 2023.

Question ID	DWMR1028000	**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.

The process flow schematic was updated February 8, 2019 to include the pre-simulator chlorine residual analyzer. The up-to-date schematic is kept in the pump house on the bulletin board and is available electronically via their smart phones so it can be readily viewed by operators.

Question ID	DWMR1025000	**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 (added,

modified, replaced or extended) 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 in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit.

There was one watermain replacement during the inspection timeframe on Aug. 15, 2023. The subsequent "Watermain Disinfection Form" was reviewed and confirms that flow and air gap were maintained, with pipe and repair parts disinfected.

Question ID	DWMR1023000	**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.

There was no evidence that improperly disinfected water was directed to consumers within the Mildmay DWS during the inspection period.

Question ID	DWMR1027000	**Question Type**	Legislative

Legislative Requirement(s):

SDWA | 31 | (1);

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?

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	DWMR1024000	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 free chlorine residual was measured every day (n=372) from the distribution system during the inspection period. All measurements were greater than 0.05 mg/L, with the lowest measurement of 0.79 mg/L on March 12, 2023.

Question ID	DWMR1033000	Question Type	Legislative

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

Question:
Is the secondary disinfectant residual measured as required for the large municipal residential distribution system?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The secondary disinfectant residual was measured as required for the large municipal residential distribution system.

The Daily Water Rounds documents were reviewed and the free chlorine residual was measured at the site of the first consumer each week, as per condition 4 of Schedule E of MDWL #095-101, Issue 6. In addition, each Tuesday the free chlorine residual is measured at three additional sites in the distribution system.

Question ID	DWMR1049000	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.

Question ID	DWMR1036000	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.

Operators measure the free chlorine residual with a HACH pocket colorimeter II.

Question ID	DWMR1030000	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.

The chlorine residual analyzer is installed at the end of a chlorine contact simulator which is the approved location for the Mildmay DWS. The purpose of the simulator is to mimic the 15 minute conditions of the contact watermain as water would enter the distribution system under peak flow. Therefore, the free chlorine residual that is measured is less than the actual residual in the treatment stream unless flow exceeds the maximum flow rate. This process ensures the level of disinfection remains more than adequate.

Question ID	DWMR1031000	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.

The Mildmay CT values relative to free chlorine residual and flow rate are available to operators electronically in the Operations Manual and a hardcopy chart is kept in the pump house.

Question ID	DWMR1035000	**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.

Daily Reports include the minimum, maximum and average values for the SCADA parameters. The previous day's information was reviewed (00:00 to 24:00) and notes regarding operational issues or anomalous measurements were noted by the operator on the Daily Report. For days that the trend review was not specified on the Daily Report, the pump house logbooks were reviewed. Operator data trend review occurred more frequently (daily) than the required 72 hours.

Question ID	DWMR1038000	**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.

Continuous monitoring of free chlorine to achieve primary disinfection is recorded at least once each minute, which is more often than the once every five (5) minutes as legislatively required. The frequency of recording the free chlorine residual increases when there is variation in the measurements.

Question ID	DWMR1037000	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.

At the time of site inspection, the low chlorine alarm was set to signal the on-call operator and shut-down system at 0.80 mg/L on the SCADA system. Under maximum flow conditions (21 L/s) a free chlorine residual of 0.25 mg/L is needed to meet primary disinfection requirements.

Question ID	DWMR1040000	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.

The chlorine analyzer was verified against a handheld measurement each day and recalibrated when necessary based on results. Records also show the chlorine injection point was cleaned and the chlorination system (pump, tubing etc.) was checked each month.

Question ID	DWMR1108000	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.

Daily Reports and logbook entries (photos) for the inspection period were reviewed for instances of alarm conditions. All reviewed alarms were responded to in a timely and appropriate manner.

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 did not 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).

A sample taken from the distribution system on October 10, 2023 had a total coliform measurement of 1 CFU/100 mL.

Question ID	DWMR1079000	**Question Type**	Legislative

Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 10-4 | (1); SDWA | O. Reg. 170/03 | 10-4 | (2); SDWA | O. Reg. 170/03 | 10-4 | (3);

Question:

For LMR 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.

E. coli and total coliforms were both sampled each week in the raw water of each well, with the greatest period between sampling events of 8 days on one occasion. All samples resulted in no detection of E. coli (n=108) and on one occasion the result for total coliforms was 1 CFU/100

mL. from a sample taken on January 3, 2023.

Question ID	DWMR1081000	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:
For LMR systems, are all microbiological water quality monitoring requirements for distribution samples being met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a large municipal residential system were being met.

Based on a population of 1200 residents, the Mildmay DWS is required to take nine (8+1) microbiological distribution samples per month, with at least one taken each week. Typically, three distribution samples were taken each week, or 12 to 16 samples per month, and tested for E. coli and total coliform throughout the inspection period. All samples resulted in no detection of E. coli or total coliforms except on 10-Oct-23 when total coliform was 1 cfu/100 mL. Typically, 67% of samples were tested for microbial Heterotrophic Plate Count (HPC) with results ranging from 10 to 70 CFU/1mL. This is more than legislatively required since only 25% of samples need to be tested for HPC.

Question ID	DWMR1083000	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 10-3;

Question:
For LMR systems, are all microbiological water quality monitoring requirements for treated samples being met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All microbiological water quality monitoring requirements prescribed by legislation for treated samples were being met.

E. coli, total coliforms and Heterotrophic Plate Count (HPC) were typically sampled every seven days from treated water at the pump house during the inspection period. There was one occasion when the sampling time frame was 8 days. All samples resulted in no detection of E. coli or total coliforms. HPC results ranged from 10 to 100 cfu/1 mL.

Question ID	DWMR1096000	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.

All of the Certificates of Analysis were reviewed for the inspection review period and these records confirm the free chlorine residual was measured at the same time the microbiological samples were taken.

Question ID	DWMR1084000	**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.

The Mildmay DWS is categorized as a large municipal residential system with a ground water source, therefore, as per O. Reg. 170/03 Schedule 13-3, inorganic parameters stipulated in O. Reg. 170/03 Schedule 23 parameters are due to be sampled every 36 months. These parameters were measured on 23-Jan-2018 and again on 20-Jan-2021, therefore within the required time frame. The most recent sampling results were below the reportable thresholds.

Schedule 23 parameters are due to be sampled again in January 2024.

Question ID	DWMR1085000	**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.

Schedule 24 need to be sampled every 36 months. These parameters were measured on 23-Jan-2018 and again on 19-Jan-2021, therefore within the required time frame. Additional sampling was also conducted on 16-Feb-2021 at the request of the lab due to a "lab error", as stated in the logbook. There were no exceedances of these parameters.

Schedule 24 parameters are due to be sampled again in January 2024.

Question ID	DWMR1086000	**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.

Total Haloacetic Acids (HAAs) were sampled quarterly throughout the inspection review period with sampling event intervals of 91 to 98 days (n=4). This is within the legislative requirements (60-120 days). All sampling events occurred at the first consumer which is the closest point in the distribution system to the pump house. This sampling location aligns with the requirement to sample where there is a higher likelihood of elevated HAAs. HAAs generally form at the beginning of the distribution system or may be found just past the chlorination point if the right humic acids are present.

All HAA samples results were reported at the Minimum Detection Limit (MDL) of the tests conducted; 5.3 ug/L. The standard for Haloacetic Acids (80 ug/L) is expressed as a Running Annual Average (RAA). The RAA is the average of the four most recent quarter sample results and for the Mildmay DWS is 5.3 ug/L.

HAAs are next due to be sampled within the January to March 2024 time frame.

Question ID	DWMR1087000	**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.

Total Trihalomethanes (THMs) were sampled quarterly throughout the inspection review period with sampling event intervals of 91 to 98 days (n=4). This is within the legislative requirements (60-120 days). All THM sampling events occurred at the farthest point in the distribution system, which is a good practice since trihalomethanes are disinfection by-products that are more likely to develop in areas with high residence time, i.e., end of the distribution system.

The THM sample results ranged from 7.5 to 12 ug/L. The most recent Running Annual Average (RAA) value of THMs for this DWS is 9.3 ug/L, which is less than the Ontario Drinking Water Quality Standard (ODWQS) of 100 ug/L.

THMs are next due to be sampled within the January to March 2024 time frame. The ministry recommends sampling THMs at a variety of distribution system extremities to gain representative samples of the entire system.

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.

Nitrates and nitrites were sampled quarterly throughout the inspection review period with sampling event intervals of 91 to 98 days (n=3). This is within the legislative requirements (60-120 days). The nitrite sample results were consistently 0.003 mg/L for both wells, which was below the Minimum Detection Limit (MDL) of the tests conducted and below the Ontario Drinking Water Quality Standard (ODWQS) of 1 mg/L.

The nitrate sample results for both wells ranged from 3.76 to 4.05 mg/L, which are below the Ontario Drinking Water Quality Standard (ODWQS) of 10 mg/L.

Nitrate and nitrites are next due to be sampled within the January to March 2024 time frame.

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.

Sodium sampling is legislatively required every 60 months. Mildmay DWS was most recently sampled for sodium on January 12, 2021, with results of 10.3 and 10.5 mg/L. This sodium concentration is below the reportable threshold of 20 mg/L. Sodium is due to be sampled again in January 2026.

Question ID	DWMR1090000	**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.

Fluoride sampling is legislatively required every 60 months. The Mildmay DWS was most recently sampled for sodium on January 19, 2021, within 58 months of the previous fluoride sampling event. The most recent fluoride results were both 0.10 mg/L, which is 7% of the reportable threshold of 1.5 mg/L. Fluoride is due to be sampled again in January 2026.

Question ID	DWMR1092000	**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	DWMR1094000	**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 not being met.

By February 21, 2024, the operating authority shall provide the author of this report proof of staff training regarding compliance to the Mildmay Municipal Drinking Water Licence 095-101, Issue 6, Schedule E condition 3.

MDWL (095-101, Issue 6) has the following water quality monitoring requirements:
1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario.
2. At all times, CT provided shall be greater than or equal to the CT required to achieve the log removal credits assigned.
3. The chlorine contact simulator shall be checked on at least a monthly basis to ensure that it adequately simulates chlorine contact time in the chlorine contact pipe under maximum flow conditions. The flow rate of treated water through the chlorine contact simulator shall be within plus or minus 5% of 2.09 L/minute.
4. Treated water in the distribution system shall be sampled, tested and monitored for free chlorine residual concentration on a weekly basis at the site of the first consumer using manual grab samples.
5. Treated water at the end of the chlorine contact simulator shall be sampled, tested and monitored for free chlorine residual concentration on a daily basis using manual grab samples.

Records confirm that these conditions were met during the inspection period except that the contact simulator checks were missed in July and August 2023 due to staffing changes.

Question ID	DWMR1095000	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 15.1-10; SDWA | O. Reg. 170/03 | 15.1-4 | (1); SDWA | O. Reg. 170/03 | 15.1-5 | (1); SDWA | O. Reg. 170/03 | 15.1-5 | (10); SDWA | O. Reg. 170/03 | 15.1-5 | (11); SDWA | O. Reg. 170/03 | 15.1-5 | (12); SDWA | O. Reg. 170/03 | 15.1-5 | (2); SDWA | O. Reg. 170/03 | 15.1-5 | (3); SDWA | O. Reg. 170/03 | 15.1-5 | (4); SDWA | O. Reg. 170/03 | 15.1-5 | (5); SDWA | O. Reg. 170/03 | 15.1-5 | (6); SDWA | O. Reg. 170/03 | 15.1-5 | (7); SDWA | O. Reg. 170/03 | 15.1-5 | (8); SDWA | O. Reg. 170/03 | 15.1-5 | (9); SDWA | O. Reg. 170/03 | 15.1-7 | (1); SDWA | O. Reg. 170/03 | 15.1-7 | (2); SDWA | O. Reg. 170/03 | 15.1-7 | (3); SDWA | O. Reg. 170/03 | 15.1-7 | (4); SDWA | O. Reg. 170/03 | 15.1-9 | (1); SDWA | O. Reg. 170/03 | 15.1-9 | (2); SDWA | O. Reg. 170/03 | 15.1-9 | (3); SDWA | O. Reg. 170/03 | 15.1-9 | (4); SDWA | O. Reg. 170/03 | 15.1-9 | (5); SDWA | O. Reg. 170/03 | 15.1-9 | (6); SDWA | O. Reg. 170/03 | 15.1-

9 | (7); SDWA | O. Reg. 170/03 | 15.1-9 | (8); SDWA | O. Reg. 170/03 | 15.1-9 | (9);

Question:
Have all lead sampling requirements prescribed by Schedule 15.1 of O. Reg. 170/03 been met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All sampling requirements for lead prescribed by schedule 15.1 of O. Reg. 170/03 were being met.

This DWS is exempt from taking lead plumbing samples since the system serves less than 50,000 people and the system has completed reduced sampling under O. Reg. 170\03 Schedule 15.1-5 with not more than 10% of plumbing results exceeding the lead standard for a complete year (consecutive winter and summer sampling periods).

The Mildmay DWS serves a population of 1200 residents and in the winter and summer lead sampling periods of 2011 only one sample exceeded the lead standard of 0.010 mg/L (or 2% of the 45 samples). Results ranged from 0.0001 to 0.0101 mg/L with an average of 0.00105 mg/L.

In addition, the DWS's distribution system has been sampled for lead as per reduced sampling requirements under O. Reg. 170\03 15.1-5. The Mildmay DWS distribution system was sampled from two sampling points in the winter and summer lead sampling periods in every third 12-month period since 2011. The most recent lead results were 0.00024 and 0.00032 mg/L

This sampling is due again in 2026.

Question ID	DWMR1097000	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 7-3 | (1.1);

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?

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.

Operators measure the raw water turbidity of each well weekly, which is more often than legislatively required.

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.

Question ID	DWMR1101000	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 LMR Systems, have corrective actions (as per Schedule 17 of O. Reg. 170/03) been taken to address adverse conditions, including any other steps as directed by the Medical Officer of Health?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Corrective actions (as per Schedule 17), including any other steps that were directed by the Medical Officer of Health, had been taken to address adverse conditions.

Corrective actions completed:
• Resample and test – 3 sites (no detection of E. coli or total coliform)
• Maintain free chlorine residual
• There were no additional corrective actions assigned by the Grey Bruce Health Unit.

Question ID	DWMR1104000	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 all required verbal notifications of adverse water quality incidents immediately provided as per O. Reg. 170/03 16-6?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All required notifications of adverse water quality incidents were immediately provided as per O. Reg. 170/03 16-6.

The owner/OA provided verbal notification to the Grey Bruce Health Unit and Spills Action Centre within 1 hour of receiving notification of the AWQI from the lab.

Question ID	DWMR1105000	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 16-7 | (1); SDWA | O. Reg. 170/03 | 16-7 | (2); SDWA | O. Reg. 170/03 | 16-7 | (3); SDWA | O. Reg. 170/03 | 16-7 | (4); SDWA | O. Reg. 170/03 | 16-7 | (5);

Question:
Were all required written notices of adverse water quality incidents provided as per O. Reg. 170/03 16-7?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All required written notices of adverse water quality incidents were provided as per O. Reg. 170/03 16-7.

The operating authority submitted written notice for AWQI# 163777 to Grey Bruce Health Unit and Spills Action Centre on 12-October-2023, approximately 1.5 hours of the lab notifying them.

Question ID	DWMR1106000	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 16-9 | (1); SDWA | O. Reg. 170/03 | 16-9 | (2);

Question:
Were all required written notices of issue resolution provided as per O. Reg. 170/03 16-9?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All required written notices of issue resolution were provided as per O. Reg. 170/03 16-9.

The resamples were taken on 12-October-2023, with no detection of E. coli or total coliforms from the three sites sampled.

The lab completed the Certificate of Analysis on 16-October-2023 and the Operating Authority submitted the Issue Resolution to Spills Action Centre on 17-Oct-2023 at 11:10.

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.

The 2022 Teeswater Annual Report was submitted by the Operating Authority to the owner on February 15, 2023. The Annual Report met the reporting requirements.

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.

The operating authority provided the 2022 Mildmay DWS Summary Report to the municipal owner on February 15, 2023 and it met the reporting 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.

The profile information was up to date and reflected the recent staffing changes.

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.

Backflow prevention is addressed in the Mildmay Contingency Plan, (Operations Manual document OMSB-MWS-I-15), portion entitled "Backflow from Private Plumbing - Cross Contamination".

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.

There were no complaints regarding water pressure during the inspection timeframe.

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.

The owner and operating authority conducted a visual inspection of the exterior condition and ladder of the water tower during the inspection period.

Most recently MISCO – Mulders Inspection Services Co. Ltd. conducted the following work on the Mildmay elevated water tower between 23-Oct-2017 and 15-Nov-2017:
• Pressure wash external surfaces
• Safety upgrades
• Dewater, inspection, and completion of internal repairs
• Exterior and interior surfaces coating application

Question ID	DWMR1048000	Question Type	BMP

Legislative Requirement(s):
Not Applicable

Question:
Has the owner implemented a program for the flushing of watermains as per industry standards?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The owner had implemented a program for the flushing of watermains as per industry standards.

The Mildmay DWS Operations and Maintenance Manual contains the "Ontario Watermain Disinfection Procedure" that refers to the "Restoration of Secondary Disinfection and Return to Normal Service" for planned watermain cleaning (e.g. flushing). The operating authority performs routine flushing of the distribution system to avoid water quality problems as well as occasional spot flushing to address localized problems or customer concerns.

Records confirm that operating authority staff completed weekly flushing throughout the inspection timeframe.

Question ID	DWMR1050000	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.

The pump house valves are checked on a regular basis. According to the Mildmay DWS Operations Manual, "Weekly maintenance is typically performed every Tuesday, but can vary depending on Operators' schedule." Refer to Weekly Scheduled Maintenance (document OMSB-MWS-J-12) of the Operations Manual.

Records confirm the pump house valves were checked each week of the inspection timeframe.

Question ID	DWMR1051000	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.

Operating authority staff inspect and operate hydrants annually as part of the flushing program for the Mildmay Drinking Water System.

Question ID	DWMR1052000	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.

Access to hydrants is limited by the Municipality of South Bruce By-law 2007-40.

Question ID	DWMR1058000	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.

Operators are able to access an electronic copy of the Operations Manuals using their phones which they have access to at all time.

Question ID	DWMR1059000	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	DWMR1060000	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	DWMR1061000	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	DWMR1062000	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	DWMR1063000	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.

Question ID	DWMR1064000	**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.

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.

The procedure for dealing with a spill is outlined in portion of the Mildmay Operations Manual entitled "Chemical or Fuel Spill/Leak" (document OMSB-MWS-I-07). Chemicals such as sodium hypochlorite and diesel fuel for the generator have secondary containment.

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.

At the time of the inspection there were clean-up materials and equipment available, such as a bag of absorbent located in the pump house and each operator has a shovel in their truck.

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.

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.

Elevated tower is covered, secure with a keyed lock entry.

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.

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.

Wellhead #1 is located within the pump house and wellhead #2 is located within a locked outbuilding. The treatment equipment is located inside the brick pump house which has no windows, keyed lock entry, appropriate signage and is attended daily by an operator. The generator is also within the locked pump house.

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 South Bruce Operations Manager provided the following statement in an email.
"The Municipality applies conservation and restrictions on non-essential use through seasonal watering restrictions as per By-law #2003-04 and also uses SCADA system to monitor water flows."

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.

Scott Gowan is the ORO for this DWS and he holds a valid Water Distribution and Supply Subsystem Class 3 certificate.

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.

In the event ORO, Scott Gowan, was unable to act then Josh Ryan can be ORO for this DWS, since he holds valid Water Distribution and Supply Subsystem Class 3 certification.

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.

The designated OIC is recorded each day in the Daily Facility Log.

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.

There were five operators who worked on the Mildmay DWS within the inspection time frame. Certifications were all current with the earliest expiration date of January 31, 2024.

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.

Question ID	DWMR1117000	**Question Type**	Information

Legislative Requirement(s):
Not Applicable

Question:
Are there any other DWS related items that should be recognized in this report?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The following items are noted as being relevant to the Drinking Water System:

On November 14, 2022, the ORO contacted the ministry to explain the following. "As part of our Permit to Take Water Requirements we are required to confirm that the Mildmay Well is under artesian conditions. The PTTW states: "Artesian conditions shall be defined to mean that when the pump in Well 1 is shut off, water is able to flow freely from the sampling tap attached to Well #1." Recently when checking for this condition we have not been able to flow water from the sampling tap. Since we were unable to flow any water we decided to check the level using a well tape. Using the well tape, we were able to determine that the water level is above ground level, but below the tap that we are required to check. Based on the level still being above ground my opinion would be that it is still showing artesian characteristics. However, the PTTW states that it is defined as flowing from the sample tap. I was hoping I could get the MECP's perspective on this, and if deemed necessary, could this be forwarded to the Director as notification?"

On November 15, 2022, the Supervisor of the Permit to Take Water unit and Director under Section 34.1 of the Ontario Water Resources Act, R.S.O. 1990, provided the following statement. "At this time, I support the position presented by Scott Gowan that the alternate method of monitoring continues to demonstrate artesian conditions. It would be my position/recommendation that we communicate to the Permit Holder that they can continue to operate under the terms and conditions of their permit, provided that water levels remain artesian, as defined by above ground surface, and they continue to monitor water levels manually, every 90 days. Should water levels fall below ground surface, the Director (i.e., Section 34.1, OWRA) should again be notified."

Appendix A

Inspection Rating Report (IRR)

Ministry of the Environment, Conservation and Parks - Inspection Summary Rating Record (Reporting Year - 2023-24)

DWS Name:	MILDMAY DRINKING WATER SYSTEM
DWS Number:	220002654
DWS Owner:	THE CORPORATION OF THE MUNICIPALITY OF SOUTH BRUCE
Municipal Location:	SOUTH BRUCE
Regulation:	O.REG. 170/03
DWS Category:	DW Municipal Residential
Type of Inspection:	Detailed
Inspection Date:	Nov-24-2023
Ministry Office:	Owen Sound District Office

Maximum Risk Rating: 630

Inspection Module	Non Compliance Risk (X out of Y)
Capacity Assessment	0/38
Certification and Training	0/49
Logbooks	0/30
Operations Manuals	0/42
Reporting & Corrective Actions	0/88
Source	0/26
Treatment Processes	0/213
Water Quality Monitoring	0/144
Overall - Calculated	**0/630**

Inspection Risk Rating:	**0.00%**

Final Inspection Rating:	**100.00%**

Inspection Rating Record Generated On 2024-02-05 (Inspection ID: 1-189122125)

DWS Name:	MILDMAY DRINKING WATER SYSTEM
DWS Number:	220002654
DWS Owner Name:	THE CORPORATION OF THE MUNICIPALITY OF SOUTH BRUCE
Municipal Location:	SOUTH BRUCE
Regulation:	O.REG. 170/03
DWS Category:	DW Municipal Residential
Type of Inspection:	Detailed
Inspection Date:	Nov-24-2023
Ministry Office:	Owen Sound District Office

Non-Compliance Question(s)	Non Compliance Risk
Water Quality Monitoring	
Are all water quality monitoring requirements imposed by the MDWL and DWWP being met?	0
Overall - Total	**0**

Maximum Question Rating: 630

Inspection Risk Rating:	**0.00%**
FINAL INSPECTION RATING:	**100.00%**

Appendix B

Risk Methodology Used for Measuring Municipal Residential Drinking Water System Inspection Results

APPLICATION OF THE RISK METHODOLOGY USED FOR MEASURING MUNICIPAL RESIDENTIAL DRINKING WATER SYSTEM INSPECTION RESULTS

The Ministry of the Environment (MOE) has a rigorous and comprehensive inspection program for municipal residential drinking water systems (MRDWS). Its objective is to determine the compliance of MRDWS with requirements under the Safe Drinking Water Act and associated regulations. It is the responsibility of the municipal residential drinking water system owner to ensure their drinking water systems are in compliance with all applicable legal requirements.

This document describes the risk rating methodology, which has been applied to the findings of the Ministry's MRDWS inspection results since fiscal year 2008-09. The primary goals of this assessment are to encourage ongoing improvement of these systems and to establish a way to measure this progress.

MOE reviews the risk rating methodology every three years.

The Ministry's Municipal Residential Drinking Water Inspection Protocol contains 15 inspection modules consisting of approximately 100 regulatory questions. Those protocol questions are also linked to definitive guidance that ministry inspectors use when conducting MRDWS inspections.

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The questions address a wide range of regulatory issues, from administrative procedures to drinking water quality monitoring. The inspection protocol also contains a number of non-regulatory questions.

A team of drinking water specialists in the ministry assessed each of the inspection protocol regulatory questions to determine the risk (not complying with the regulation) to the delivery of safe drinking water. This assessment was based on established provincial risk assessment principles, with each question receiving a risk rating referred to as the Question Risk Rating. Based on the number of areas where a system is deemed to be non-compliant during the inspection, and the significance of these areas to administrative, environmental, and health consequences, a risk-based inspection rating is calculated by the ministry for each drinking water system.

It is important to be aware that an inspection rating less than 100 per cent does not mean the drinking water from the system is unsafe. It shows areas where a system's operation can improve. The ministry works with owners and operators of systems to make sure they know what they need to do to achieve full compliance.

The inspection rating reflects the inspection results of the specific drinking water system for the reporting year. Since the methodology is applied consistently over a period of years, it serves as a comparative measure both provincially and in relation to the individual system. Both the drinking water system and the public are able to track the performance over time, which encourages continuous improvement and allows systems to identify specific areas requiring attention.

The ministry's annual inspection program is an important aspect of our drinking water safety net. The ministry and its partners share a common commitment to excellence and we continue to work toward the goal of 100 per cent regulatory compliance.

Determining Potential to Compromise the Delivery of Safe Water

The risk management approach used for MRDWS is aligned with the Government of Ontario's Risk Management Framework. Risk management is a systematic approach to identifying potential hazards, understanding the likelihood and consequences of the hazards, and taking steps to reduce their risk if necessary and as appropriate.

The Risk Management Framework provides a formula to be used in the determination of risk:

RISK = LIKELIHOOD × CONSEQUENCE
(of the consequence)

Every regulatory question in the inspection protocol possesses a likelihood value (L) for an assigned consequence value (C) as described in **Table 1** and **Table 2**.

TABLE 1:

Likelihood of Consequence Occurring	Likelihood Value
0% - 0.99% (Possible but Highly Unlikely)	L = 0
1 – 10% (Unlikely)	L = 1
11 – 49% (Possible)	L = 2
50 – 89% (Likely)	L = 3
90 – 100% (Almost Certain)	L = 4

TABLE 2:

Consequence	Consequence Value
Medium Administrative Consequence	C = 1
Major Administrative Consequence	C = 2
Minor Environmental Consequence	C = 3
Minor Health Consequence	C = 4
Medium Environmental Consequence	C = 5
Major Environmental Consequence	C = 6
Medium Health Consequence	C = 7
Major Health Consequence	C = 8

The consequence values (0 through 8) are selected to align with other risk-based programs and projects currently under development or in use within the ministry as outlined in **Table 2**.

The Question Risk Rating for each regulatory inspection question is derived from an evaluation of every identified consequence and its corresponding likelihood of occurrence:

- All levels of consequence are evaluated for their potential to occur
- Greatest of all the combinations is selected.

The Question Risk Rating quantifies the risk of non-compliance of each question relative to the others. Questions with higher values are those with a potentially more significant impact on drinking water safety and a higher likelihood of occurrence. The highest possible value would be 32 (4×8) and the lowest would be 0 (0×1).

Table 3 presents a sample question showing the risk rating determination process.

TABLE 3:

Does the Operator in Charge ensure that the equipment and processes are monitored, inspected and evaluated?							
Risk = Likelihood × Consequence							
C=1	C=2	C=3	C=4	C=5	C=6	C=7	C=8
Medium Administrative Consequence	**Major** Administrative Consequence	**Minor** Environmental Consequence	**Minor** Health Consequence	**Medium** Environmental Consequence	**Major** Environmental Consequence	**Medium** Health Consequence	**Major** Health Consequence
L=4 (Almost Certain)	L=1 (Unlikely	L=2 (Possible)	L=3 (Likely)	L=3 (Likely)	L=1 (Unlikely	L=3 (Likely)	L=2 (Possible)
R=4	**R=2**	**R=6**	**R=12**	**R=15**	**R=6**	**R=21**	**R=16**

Application of the Methodology to Inspection Results

Based on the results of a MRDWS inspection, an overall inspection risk rating is calculated. During an inspection, inspectors answer the questions related to regulatory compliance and input their "yes", "no" or "not applicable" responses into the Ministry's Laboratory and Waterworks Inspection System (LWIS) database. A "no" response indicates non-compliance. The maximum number of regulatory questions asked by an inspector varies by: system (i.e., distribution, stand-alone); type of inspection (i.e., focused, detailed); and source type (i.e., groundwater, surface water).

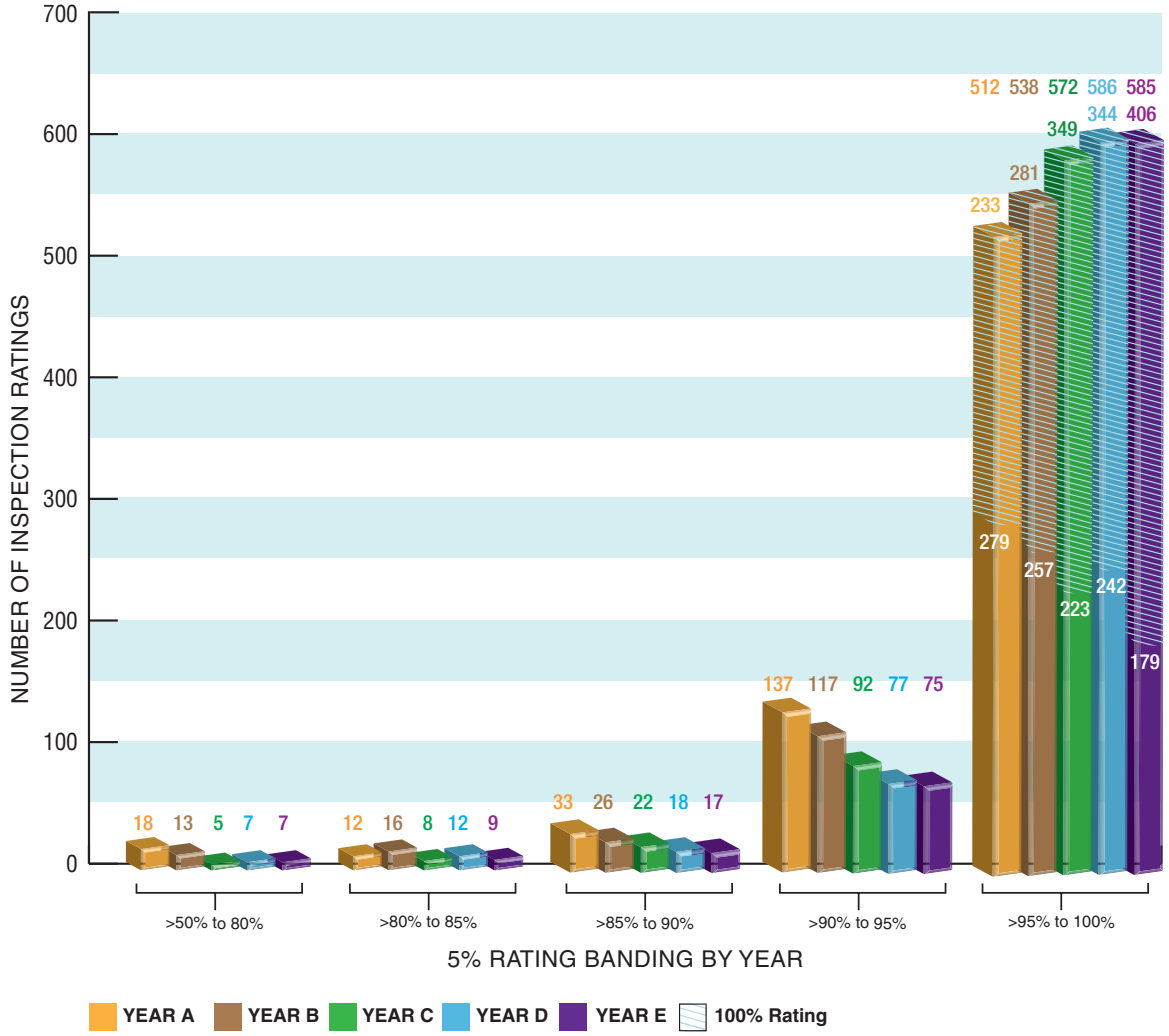
The risk ratings of all non-compliant answers are summed and divided by the sum of the risk ratings of all questions asked (maximum question rating). The resulting inspection risk rating (as a percentage) is subtracted from 100 per cent to arrive at the final inspection rating.

Application of the Methodology for Public Reporting

The individual MRDWS Total Inspection Ratings are published with the ministry's Chief Drinking Water Inspector's Annual Report.

Figure 1 presents the distribution of MRDWS ratings for a sample of annual inspections. Individual drinking water systems can compare against all the other inspected facilities over a period of inspection years.

Figure 1: Year Over Year Distribution of MRDWS Ratings



Reporting Results to MRDWS Owners/Operators

A summary of inspection findings for each system is generated in the form of an Inspection Rating Record (IRR). The findings are grouped into the 15 possible modules of the inspection protocol, which would provide the system owner/operator with information on the areas where they need to improve. The 15 modules are:

1. Source
2. Permit to Take Water
3. Capacity Assessment
4. Treatment Processes
5. Treatment Process Monitoring
6. Process Wastewater
7. Distribution System
8. Operations Manuals
9. Logbooks
10. Contingency and Emergency Planning
11. Consumer Relations
12. Certification and Training
13. Water Quality Monitoring
14. Reporting, Notification and Corrective Actions
15. Other Inspection Findings

For further information, please visit **www.ontario.ca/drinkingwater**

Appendix C

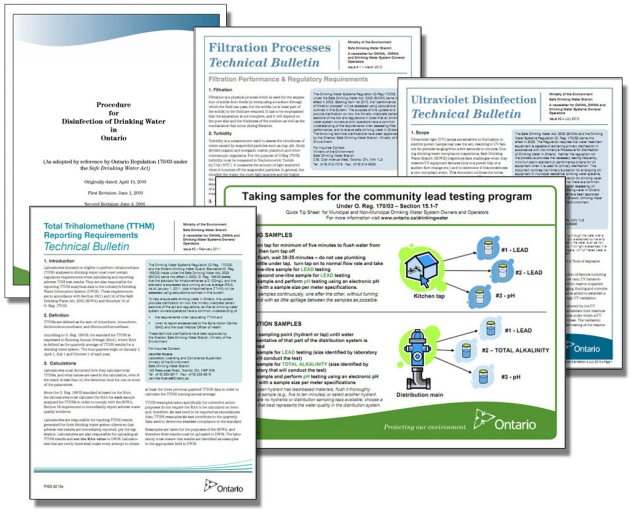
Stakeholder Appendix

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 Public Information Centre if you need assistance or have questions at 1-800-565-4923/416-325-4000 or **picemail.moe@ontario.ca**.

For more information on Ontario's drinking water visit **www.ontario.ca/drinkingwater** and email **drinking.water@ontario.ca** to subscribe to drinking water news.



PUBLICATION TITLE	PUBLICATION NUMBER
Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils	7889e01
FORMS: Drinking Water System Profile Information, Laboratory Services Notification, Adverse Test Result Notification Form	7419e, 5387e, 4444e
Procedure for Disinfection of Drinking Water in Ontario	4448e01
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids	7152e
Total Trihalomethane (TTHM) Reporting Requirements Technical Bulletin (February 2011)	8215e
Filtration Processes Technical Bulletin	7467
Ultraviolet Disinfection Technical Bulletin	7685
Guide for Applying for Drinking Water Works Permit Amendments, Licence Amendments, Licence Renewals and New System Applications	7014e01
Certification Guide for Operators and Water Quality Analysts	
Guide to Drinking Water Operator Training Requirements	9802e
Taking Samples for the Community Lead Testing Program	6560e01
Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption	7423e
Guide: Requesting Regulatory Relief from Lead Sampling Requirements	6610
Drinking Water System Contact List	7128e
Technical Support Document for Ontario Drinking Water Quality Standards	4449e01

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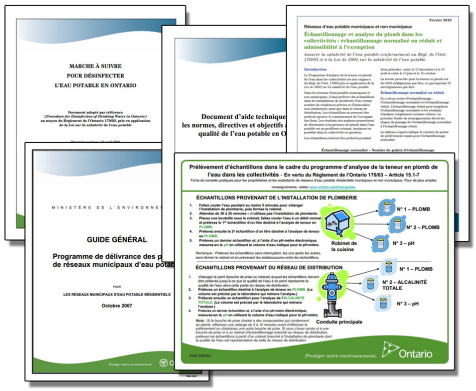
Principaux guides et documents de référence sur les réseaux résidentiels municipaux d'eau potable

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 Centre d'information au public au 1 800 565-4923 ou au 416 325-4000, ou encore à **picemail.moe@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** ou envoyez un courriel à **drinking.water@ontario.ca** pour suivre l'information sur l'eau potable.

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Prendre soin de votre eau potable – Un guide destiné aux membres des conseils municipaux	7889f01
Renseignements sur le profil du réseau d'eau potable, Avis de demande de services de laboratoire, Formulaire de communication de résultats d'analyse insatisfaisants et du règlement des problèmes	7419f, 5387f, 4444f
Marche à suivre pour désinfecter l'eau potable en Ontario	4448f01
Strategies for Minimizing the Disinfection Products Thrihalomethanes and Haloacetic Acids (en anglais seulement)	7152e
Total Trihalomethane (TTHM) Reporting Requirements: Technical Bulletin (février 2011) (en anglais seulement)	8215e
Filtration Processes Technical Bulletin (en anglais seulement)	7467
Ultraviolet Disinfection Technical Bulletin (en anglais seulement)	7685
Guide de présentation d'une demande de modification du permis d'aménagement de station de production d'eau potable, de modification du permis de réseau municipal d'eau potable, de renouvellement du permis de réseau municipal d'eau potable et de permis pour un nouveau réseau	7014f01
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	
Guide sur les exigences relatives à la formation des exploitants de réseaux d'eau potable	9802f
Prélèvement d'échantillons dans le cadre du programme d'analyse de la teneur en plomb de l'eau dans les collectivités	6560f01
Échantillonnage et analyse du plomb dans les collectivités : échantillonnage normalisé ou réduit et admissibilité à l'exemption	7423f
Guide: Requesting Regulatory Relief from Lead Sampling Requirements (en anglais seulement)	6610
Liste des personnes-ressources du réseau d'eau potable	7128f
Document d'aide technique pour les normes, directives et objectifs associés à la qualité de l'eau potable en Ontario	4449f01

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