

# COUNCIL RESOLUTION



**Moved By: Krystel Lévesque**  
**Seconded By: Hélène Perth**

**DATE: March 26, 2026**  
**Resolution No. 26-059**

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Whereas that the Council of the Corporation of the Township of Dubreuilville hereby acknowledges and approves the attached letter dated March 13, 2026, from the Ministry of Environment, Conservation and Parks with regards to the 2025-2026 Inspection Report for the Dubreuilville Drinking Water System, DWS# 210001442, as presented.

X

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**Carried**

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**Defeated**

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**Deferred**

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**RECORDED VOTE:**

**YES**

**NO**

**Councillor** Hélène Perth

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**Councillor** Krystel Lévesque

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**Councillor** Julila Hemphill

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**Councillor Jr.** Vallières

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**Mayor** Beverly Nantel

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Declaration of Pecuniary Interest and General Nature Thereof:



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

Drinking Water and Environmental Compliance  
Division, Northern Region

70 Foster Drive Suite 110  
Sault Ste Marie ON P6A 6V4  
Tel.: 705-942-6354  
Toll Free: 1-800-965-9990  
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**Ministère de l'Environnement, de la Protection de  
la nature et des Parcs**

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

70, Promenade Foster Suite 110  
Sault Ste Marie ON P6A 6V4  
Tél. : 705-942-6354  
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March 13, 2026

Shelley Casey  
Chief Administrative  
Officer/Clerk Municipality of  
Dubreuville, 20 Pine Street,  
P0S1B0, P.O Box 367

**RE: 2025/26 Inspection Report for the Dubreuville Drinking Water System, DWS# 210001442**

Dear Ms. Casey,

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

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

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

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

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

Cc: Jeremy Drindak, Process Compliance Technician, Ontario Clean Water Agency (OCWA)

Marnie Managhan, Compliance Supervisor, Ministry of Environment Conservation and Parks  
Mariah Tremblay, Public Health Inspector, Algoma Public Health Unit



DUBREUILVILLE DRINKING WATER SYSTEM  
Physical Address: 118 HELIPOINT RD,  
DUBREUILVILLE, ON P0S  
1B0

## INSPECTION REPORT

System Number: 210001442  
Entity: TOWNSHIP OF DUBREUILVILLE  
ONTARIO CLEAN WATER  
AGENCY  
Inspection Start Date: January 05, 2026  
Site Inspection Date: January 07, 2026  
Inspection End Date: February 27, 2026  
Inspected By: Marc Roberge  
Badge #: P1513  
Inspected By: Marnie Managhan  
Badge #: 718

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(signature)

## INTRODUCTION

### Purpose

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

### Scope

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

### Facility Contacts and Dates

The drinking water system is owned by the Corporation of the Town of Dubreuilville and operated by the Ontario Clean Water Agency (OCWA). The system serves an estimated population of 600 and is categorized as a Large Municipal Residential System. Information reviewed for this inspection covered the time January 1st, 2025, to December 30th, 2025. The treatment plant and water distribution subsystem are class 1. Marc Roberge, Water Compliance Officer (MECP) met with Kelsie Eady, Operations Supervisor with OCWA as part of the inspection process.

### Systems/Components

The water treatment plant and distribution system were site visited as part of this inspection.

### Permissions/Approvals

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

- Municipal Drinking Water License No. 286-101
- Drinking Water Works Permit No. 286-201

- Permit to Take Water No. P-300-2125754594

## **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

The following item(s) have been identified as non-conformance, based on a "No" response captured for a best management practice (BMP) 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	Recommendation(s)
R-1	<p><b>Question ID:</b> DWMR1072001</p> <p>Had the owner and/or operating authority undertaken efforts to promote water conservation and reduce water losses in the drinking water system?</p>	<p>The owner and/or operating authority did not undertake efforts to promote water conservation and/or reduce water losses in their system.</p>
R-2	<p><b>Question ID:</b> DWMR1052001</p> <p>Was there a bylaw or policy in place limiting access to hydrants?</p>	<p>There was no bylaw or policy in place limiting access to hydrants.</p>
R-3	<p><b>Question ID:</b> DWMR1120000</p> <p>Were there no issues identified outside the scope of the inspection that require preventative measures?</p>	<p>The following preventative measures are required: During the physical inspection it was not possible to view the water storage facility due to the road being unplowed and having several feet of snow on it. The operator Kelsie Eady informed that road is sporadically maintained in the winter months. It is recommended that this be rectified so that the operators can respond to an emergency within in timely manner with out unnecessary delays.</p>

### INSPECTION DETAILS

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

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

<b>Question ID</b>	DWMR1007001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   1-2   (1)1;			
<b>Question:</b> Was the owner maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> 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.  The owner is maintaining production wells to prevent foreign substance by having them hooked up the to the drinking water system directly. House inside a locked building with fenced in compound.			

<b>Question ID</b>	DWMR1009001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Were measures in place to protect the groundwater and/or GUDI source in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Measures were in place to protect the groundwater and/or GUDI source.			

<b>Question ID</b>	DWMR1010001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Were trends in source water quality monitored?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Trends in source water quality were monitored.  Operators reviewed source water trends daily during week day and within 72 hours during			

weekends.

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

<b>Question ID</b>	DWMR1015001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Were flow measuring devices calibrated or verified in accordance with the requirements of the Municipal Drinking Water Licence?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Flow measuring devices were calibrated or verified as required.			

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

<b>Question ID</b>	DWMR1013001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> OWRA   34   (3);			

<p><b>Question:</b> Was the owner in compliance with all conditions of the Permit To Take Water?</p>
<p><b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The owner was in compliance with all conditions of the Permit To Take Water.</p>

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

<b>Question ID</b>	DWMR1028001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Were up-to-date plans for the drinking water system 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 Drinking Water Works Permit and Municipal Drinking Water Licence?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Plans for the drinking water system were kept up-to-date and made available as required.  Updated plans were viewed on site by inspector. They are located in a accessible location.			

<b>Question ID</b>	DWMR1025001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Were all parts of the drinking water system that came in contact with drinking water disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> All parts of the drinking water system were disinfected as required.			

Yes a hypochlorite solution is used as per Ontario Clean Water Agency standard operating procedure.

<b>Question ID</b>	DWMR1023001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   1-2   (2);			
<b>Question:</b> Did records indicate that the treatment equipment was operated in a manner that achieved the design capabilities prescribed by O. Reg. 170/03, Drinking Water Works Permit and/or Municipal Drinking Water Licence at all times that water was being supplied to consumers?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities prescribed.			

<b>Question ID</b>	DWMR1026001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   1-6   (2);			
<b>Question:</b> If primary disinfection equipment did not use chlorination or chloramination, was the equipment equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 1-6 of O. Reg. 170/03?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Primary disinfection equipment was equipped with alarms or shutoff mechanisms that satisfied the standards.  System uses Ultra violet light for primary disinfection and is equipped with automatic shut off alarms and auto dialer alarm system.			

<b>Question ID</b>	DWMR1027001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Did the owner have evidence indicating that chemicals and materials that came in contact with water within the drinking water system met all applicable AWWA and ANSI standards in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The owner had evidence indicating that chemicals and materials that came in contact with water within the drinking water system met the applicable standards.  The owner has all chemicals marked with appropriate ANSI labels.			

<b>Question ID</b>	DWMR1024001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   1-2   (2);			
<b>Question:</b> Did records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection was operated as required?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Records confirmed that the water treatment equipment which provides chlorination or chloramination for secondary disinfection was operated as required.			

<b>Question ID</b>	DWMR1033001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   7-2   (3); SDWA   O. Reg. 170/03   7-2   (4);			
<b>Question:</b> Was secondary disinfectant residual tested as required for the large municipal residential distribution system?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Secondary disinfectant residual was tested as required.  Chlorine was continuously analyzed for secondary treatment			

<b>Question ID</b>	DWMR1049001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Did records confirm that disinfectant residuals were routinely checked at the extremities and dead ends of the distribution system?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Records confirmed that disinfectant residuals were routinely checked at the extremities and dead ends of the distribution system.			

<b>Question ID</b>	DWMR1036001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   6-7   (1);			
<b>Question:</b> Where continuous monitoring equipment was not used for chlorine residual analysis, were			

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.

The drinking water system operators were using approved devices calibrated by Emerson Lakeside on June 3rd, 2025.

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

<b>Question ID</b>	DWMR1031001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Were operators aware of the operational criteria necessary to achieve primary disinfection within the drinking water system?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Operators were aware of the operational criteria necessary to achieve primary disinfection within the drinking water system.			

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

Operators were conducting overviews of sampling and plant data results within 72 hours and documenting it in the log book.

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

<b>Question ID</b>	DWMR1037001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   6-5   (1)5-10; SDWA   O. Reg. 170/03   6-5   (1.1);			
<b>Question:</b> Were all continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, equipped with alarms or shut-off mechanisms that satisfied the standards described in Schedule 6?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> All required continuous monitoring equipment utilized for sampling and testing were equipped with alarms or shut-off mechanisms that satisfied the standards  Continuous analyzers were hooked up to auto dialer alarms that trigger plant lock outs. The operator Kelsie Eady demonstrated a low chlorine alarm during the inspection.			

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

Continuous analyzers were maintained and calibrated by Emerson Lakeside on June 6th, 2025.

<b>Question ID</b>	DWMR1108001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   6-5   (1)5-10; SDWA   O. Reg. 170/03   6-5   (1.1);			
<b>Question:</b> Where continuous monitoring equipment used for the monitoring of free chlorine residual, total chlorine residual, combined chlorine residual or turbidity, required by O. Reg. 170/03, Municipal Drinking Water Licence, Drinking Water Works Permit, or order triggered an alarm or an automatic shut-off, did a qualified person respond as required and take appropriate actions?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> A qualified person responded as required and took appropriate actions.			

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

<b>Question ID</b>	DWMR1042001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> If UV disinfection was used, were duty sensors and reference UV sensors checked and calibrated as per the requirements of Schedule E of the Municipal Drinking Water Licence or at a frequency as otherwise recommended by the UV equipment manufacturer?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> All UV sensors were checked and calibrated as required.			

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Question ID	DWMR1099001	Question Type	Information
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Do records show that water provided by the drinking water system met the Ontario Drinking Water Quality Standards?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Records showed that all water sample results met the Ontario Drinking Water Quality Standards.			

Question ID	DWMR1079001	Question Type	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   10-4   (1); SDWA   O. Reg. 170/03   10-4   (2); SDWA   O. Reg. 170/03   10-4   (3);			
<b>Question:</b> Were raw water microbiological sampling requirements prescribed by Schedule 10-4 of O. Reg. 170/03 for large municipal residential systems met?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Raw water microbiological sampling requirements were met.			

Question ID	DWMR1083001	Question Type	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   10-3;			
<b>Question:</b> Were treated microbiological sampling requirements prescribed by Schedule 10-3 of O. Reg. 170/03 for large municipal residential systems met?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Treated microbiological sampling requirements were met.			

Question ID	DWMR1081001	Question Type	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   10-2   (1); SDWA   O. Reg. 170/03   10-2   (2); SDWA   O. Reg. 170/03   10-2   (3);			

<p><b>Question:</b> Were distribution microbiological sampling requirements prescribed by Schedule 10-2 of O. Reg. 170/03 for large municipal residential systems met?</p>
<p><b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Distribution microbiological sampling requirements were met.</p>

<b>Question ID</b>	DWMMR1096001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   6-3   (1);			
<b>Question:</b> Did records confirm that chlorine residual tests were conducted at the same time and location as microbiological samples?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Records confirmed that chlorine residual tests were conducted as required.			

<b>Question ID</b>	DWMMR1084001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   13-2;			
<b>Question:</b> Were inorganic parameter sampling requirements prescribed by Schedule 13-2 of O. Reg. 170/03 met?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Inorganic parameter sampling requirements were met.			
<p>Inorganics were January 13th, 2025 were sampled in accordance with O.REG 170 and none of the parameters exceeded the limits or half of the maximum acceptable concentration.</p> <p>Antimony: 0.5ug/L Limit: 0.006 mg/L          Arsenic: 1.00ug/L Limits: 0.01 mg/L          Barium: 96.00ug/L Limits: 1.0 mg/L          Boron: 23ug/L Limit: 5.0 mg/L          Cadmium: 0.1ug/L Limit: 0.005 mg/L          Chromium: 3.00ug/L Limit:0.05 mg/L          Mercury: 0.1ug/L Limit: 0.001mg/L          Selenium:0.7ug/L Limit 0.05 mg/L          Uranium 6.1ug/L Limit: 0.02mg/L</p>			

Question ID	DWMR1085001	Question Type	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   13-4   (1); SDWA   O. Reg. 170/03   13-4   (2); SDWA   O. Reg. 170/03   13-4   (3);			
<b>Question:</b> Were organic parameter sampling requirements prescribed by Schedule 13-4 of O. Reg. 170/03 met?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Organic parameter sampling requirements were met.  Inorganic sampling took place on January 13th, 2025 within the annual frequency and all parameters met compliance limits and were below the half maximum acceptable concentration.			

Question ID	DWMR1086001	Question Type	Legislative
<b>Legislative Requirement(s):</b> 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);			
<b>Question:</b> Were haloacetic acid sampling requirements prescribed by Schedule 13-6 of O. Reg. 170/03 met?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Haloacetic acid sampling requirements were met.  Total Haloacetic Acids were sampled within accordance of O. REG 170 quarterly with annual running averages below the 0.08mg/L limit. 14-Oct-25 1:14:00 PM Total Haloacetic Acids 0.020 mg/L Running Annual Average: 0.022 mg/L 14-Jul-25 12:59:00 PM Total Haloacetic Acids 0.029mg/L Running Annual Average: 0.021 mg/L 7-Apr-25 10:53:00 AM Total Haloacetic Acids 0.026mg/L Running Annual Average: 0.02075 mg/L 29-Jan-25 12:35:00 PM Total Haloacetic Acids 0.013mg/L Running Annual Average: 0.02125 mg/L			

Question ID	DWMR1087001	Question Type	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   13-6   (1); SDWA   O. Reg. 170/03   13-6   (2); SDWA   O. Reg. 170/03   13-6   (3); SDWA   O. Reg. 170/03   13-6   (4); SDWA   O. Reg. 170/03   13-6   (5); SDWA   O. Reg. 170/03   13-6   (6);			

**Question:**

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

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

Trihalomethane sampling requirements were met.

Trihalomethanes were sampled within accordance of O. REG 170 quarterly with annual running averages below the 0.1mg/L limit.

14-Oct-25 1:12:00 PM Trihalomethanes (Total) 0.0353mg/L

Running Annual Average: 0.0345 mg/L

14-Jul-25 12:59:00 PM Trihalomethanes (Total) 0.0396mg/L

Running Annual Average: 0.034625 mg/L

7-Apr-25 10:55:00 AM Trihalomethanes (Total) 0.0345mg/L

Running Annual Average 0.034625 mg/L

29-Jan-25 12:32:00 PM Trihalomethanes (Total) 0.0286mg/L

Running Annual Average: 0.034725 mg/L

<b>Question ID</b>	DWMMR1088001	<b>Question Type</b>	Legislative
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**Legislative Requirement(s):**

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

**Question:**

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

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

Nitrate/nitrite sampling requirements were met.

Nitrate and Nitrite were sampled quarterly as per standards and neither nitrate limit of 10.00 MG/L or the nitrite limit of 1.00 MG/L were exceeded.

14-Oct-25 1:00:00 PM Nitrate (As Nitrogen) 0.90MG/L

14-Oct-25 1:00:00 PM Nitrite (As Nitrogen) 0.05MG/L

14-Jul-25 12:31:00 PM Nitrate (As Nitrogen) 0.75MG/L

14-Jul-25 12:31:00 PM Nitrite (As Nitrogen) 0.05MG/L

7-Apr-25 10:23:00 AM Nitrate (As Nitrogen) 0.73MG/L

7-Apr-25 10:23:00 AM Nitrite (As Nitrogen) 0.05MG/L

29-Jan-25 12:20:00 PM Nitrate (As Nitrogen)0.84MG/L

29-Jan-25 12:20:00 PM Nitrite (As Nitrogen) 0.05MG/L

<b>Question ID</b>	DWMMR1089001	<b>Question Type</b>	Legislative
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**Legislative Requirement(s):**

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

<b>Question:</b> Were sodium sampling requirements prescribed by Schedule 13-8 of O. Reg. 170/03 met?
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Sodium sampling requirements were met.  Sodium was sampled on January 29th, 2024 within the 60 month period with a result of 15mg/L.

<b>Question ID</b>	DWMR1090001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   13-9;			
<b>Question:</b> Where fluoridation is not practiced, were fluoride sampling requirements prescribed by Schedule 13-9 of O. Reg. 170/03 met?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Fluoride sampling requirements were met.  The system sampled fluoride on the 29th of January 2024 with a result of 0.05 mg/L which is below the minimum detection limit.			

<b>Question ID</b>	DWMR1092001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   6-2;			
<b>Question:</b> Were water samples taken at the prescribed location?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Water samples were taken at the prescribed location.			

<b>Question ID</b>	DWMR1095001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> 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   (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:**

Were lead sampling requirements prescribed by Schedule 15.1 of O. Reg. 170/03 met?

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

Lead sampling requirements were met.

Question ID	DWMR1097001	Question Type	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   7-3   (1.1);			
<b>Question:</b> If the drinking water system obtained water from a ground water source, was turbidity tested at least once every month from each well that supplied water to the system?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Turbidity was tested as required.			

Question ID	DWMR1107001	Question Type	Legislative
<b>Legislative Requirement(s):</b> 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);			
<b>Question:</b> Were reporting requirements for lead samples taken from plumbing met?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Reporting requirements for lead samples taken from plumbing were met.			

Question ID	DWMR1110001	Question Type	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   11   (6);			
<b>Question:</b> Was the annual report prepared by February 28th of the following year and did it contain the required information?			

<p><b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The annual report requirements were met.</p>
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<b>Question ID</b>	DWMR1111001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> 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);			
<b>Question:</b> Did the summary report contain the required information and was it completed and distributed as required?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The summary report requirements were met.			

<b>Question ID</b>	DWMR1114001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Did the owner have evidence that, when required, all legal owners associated with the drinking water system were notified of the requirements of the Municipal Drinking Water Licence and Drinking Water Works Permit?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The owner had evidence that the required notifications were made.  Owners have completed an ownership course and sign off on a document of understanding.			

<b>Question ID</b>	DWMR1098001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   13   (1); SDWA   O. Reg. 170/03   13   (2); SDWA   O. Reg. 170/03   13   (3);			
<b>Question:</b> Were the required records kept for the periods prescribed by section 13 of O. Reg. 170/03?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The required records were kept for the prescribed periods.			

<b>Question ID</b>	DWMR1043001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Were the process wastewater and residual solids/sludges treated, handled, and disposed of in accordance with the design requirements approved under the Drinking Water Works Permit and the Municipal Drinking Water Licence?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The process wastewater and residual solids/sludges were treated, handled, and disposed of as required.  Process waste water is deposited into Sump basin and directed into the waste water collection system for treatment.			

<b>Question ID</b>	DWMR1044001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Did the process wastewater discharge monitoring program and discharge quality comply with requirements established in the Municipal Drinking Water Licence?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The process wastewater discharge monitoring program and discharge quality complied with the requirements.			

<b>Question ID</b>	DWMR1053001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Was the owner able to maintain proper pressures in the distribution system and was pressure monitored to alert the operator of conditions of loss of pressure below the value under which the system was designed to operate?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> 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.			

<b>Question ID</b>	DWMR1047001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Did 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?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> 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 storage facility is inspected and cleaned every two years.			

<b>Question ID</b>	DWMR1048001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Had the owner implemented a program for the flushing of watermains as per industry standards?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The owner had implemented a program for the flushing of watermains.  The operating authority implements an annual flushing and arranges a swabbing program when needed.			

<b>Question ID</b>	DWMR1050001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Was there a program in place for inspecting and exercising valves?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> There was a program in place for inspecting and exercising valves.  Exercising of valves is conducted in the annual hydrant flushing program.			

<b>Question ID</b>	DWMR1051000	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> 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.  
  
During the annual distribution flushing all hydrants are inspected.

<b>Question ID</b>	DWMR1052001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Was there a bylaw or policy in place limiting access to hydrants?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> There was no bylaw or policy in place limiting access to hydrants.  The Municipality of Dubreuilville indicated that they did not have a bylaw on hydrant accessibility.			

<b>Question ID</b>	DWMR1058001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 128/04   28;			
<b>Question:</b> Did operators and maintenance personnel have ready access to operations and maintenance manuals?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Operators and maintenance personnel had ready access to operations and maintenance manuals.			

<b>Question ID</b>	DWMR1059001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 128/04   28;			
<b>Question:</b> Did the operations and maintenance manuals contain plans, drawings, and process descriptions sufficient for the safe and efficient operation of the system?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The operations and maintenance manuals contained plans, drawings, and process descriptions sufficient for the safe and efficient operation of the system.			

<b>Question ID</b>	DWMR1060001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   31   (1);			
<b>Question:</b> Did the operations and maintenance manual(s) meet the requirements of the Municipal Drinking Water Licence?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The operations and maintenance manual(s) met the requirements of the Municipal Drinking Water Licence.			

<b>Question ID</b>	DWMR1064001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 128/04   26   (2);			
<b>Question:</b> Did an operator-in-charge ensure that records were maintained of all adjustments to the processes within their responsibility?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The operator-in-charge ensured that records were maintained of all adjustments to the processes within their responsibility.			

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

<b>Question ID</b>	DWMR1063001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 170/03   6-10   (1);			

<p><b>Question:</b> For every required operational test and sample, was a record made of the date, time, location, results, and name of the person conducting the test?</p>
<p><b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> For every required operational test and sample, a record was made as required.</p>

<b>Question ID</b>	DWMR1061001	<b>Question Type</b>	Legislative
<p><b>Legislative Requirement(s):</b> 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);</p>			
<p><b>Question:</b> Were logbooks properly maintained and did they contain the required information?</p>			
<p><b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Logbooks were properly maintained and contained the required information.</p>			

<b>Question ID</b>	DWMR1065001	<b>Question Type</b>	Legislative
<p><b>Legislative Requirement(s):</b> SDWA   O. Reg. 128/04   27   (6);</p>			
<p><b>Question:</b> Were logs and other record keeping mechanisms available for at least five (5) years?</p>			
<p><b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Logs or other record keeping mechanisms were available for at least five (5) years.</p>			

<b>Question ID</b>	DWMR1066001	<b>Question Type</b>	BMP
<p><b>Legislative Requirement(s):</b> Not Applicable</p>			
<p><b>Question:</b> Was spill containment provided for process chemicals and standby power generator fuel?</p>			
<p><b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Spill containment was provided for process chemicals and/or standby power generator fuel.</p>			

Question ID	DWMR1067001	Question Type	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Were equipment and materials in place for the clean up of spills?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Equipment and materials were in place for the clean up of spills.			

Question ID	DWMR1068001	Question Type	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> If available, were standby power generators tested under normal load conditions?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Standby power generators were tested under normal load conditions.  Standby generators were tested monthly and had been serviced annually.			

Question ID	DWMR1069001	Question Type	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Were all storage facilities completely covered and secure?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> Storage facilities were completely covered and secure.			

Question ID	DWMR1071001	Question Type	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Did the owner provide security measures to protect components of the drinking water system?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The owner provided security measures to protect components of the drinking water system.			

The owner provided a locked building and gated compound to the facility, cyber security and alarms.

<b>Question ID</b>	DWMR1072001	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Had the owner and/or operating authority undertaken efforts to promote water conservation and reduce water losses in the drinking water system?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The owner and/or operating authority did not undertake efforts to promote water conservation and/or reduce water losses in their system.  There was no water conservation plan or program in place.			

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

<b>Question ID</b>	DWMR1078001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> 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);			
<b>Question:</b> When the overall responsible operator was unable to act, was a properly certified operator designated to act in their place?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> A properly certified operator was designated to act in place of the overall responsible operator.			

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

<b>Question ID</b>	DWMR1075001	<b>Question Type</b>	Legislative
<b>Legislative Requirement(s):</b> SDWA   O. Reg. 128/04   22;			
<b>Question:</b> Were all operators certified as required?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> All operators were certified as required.			

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

<b>Question ID</b>	DWMR1120000	<b>Question Type</b>	BMP
<b>Legislative Requirement(s):</b> Not Applicable			
<b>Question:</b> Were there no issues identified outside the scope of the inspection that require preventative measures?			
<b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b> The following preventative measures are required: During the physical inspection it was not possible to view the water storage facility due to the			

road being unplowed and having several feet of snow on it. The operator Kelsie Eady informed that road is sporadically maintained in the winter months. It is recommended that this be rectified so that the operators can respond to an emergency within in timely manner with out unnecessary delays.

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

<b>DWS Name:</b>	DUBREUILVILLE DRINKING WATER SYSTEM
<b>DWS Number:</b>	210001442
<b>DWS Owner:</b>	TOWNSHIP OF DUBREUILVILLE
<b>Municipal Location:</b>	DUBREUILVILLE
<b>Regulation:</b>	O.REG. 170/03
<b>DWS Category:</b>	DW Municipal Residential
<b>Type of Inspection:</b>	Detailed
<b>Compliance Assessment Start Date:</b>	Jan-5-26
<b>Ministry Office:</b>	Sault Ste. Marie Area Office

**Maximum Risk Rating:** 655

Inspection Module	Non Compliance Risk (X out of Y)
Capacity Assessment	0/38
Certification and Training	0/49
Effluent Quality and Quantity	0/20
Logbooks	0/30
Operations Manuals	0/42
Reporting & Corrective Actions	0/62
Source	0/26
Treatment Processes	0/244
Water Quality Monitoring	0/144
<b>Overall - Calculated</b>	<b>0/655</b>

<b>Inspection Risk Rating:</b>	<b>0.00%</b>
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<b>Final Inspection Rating:</b>	<b>100.00%</b>
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Ministry of the Environment, Conservation and Parks - Detailed Inspection Rating Record (Reporting Year - 2025-26)

<b>DWS Name:</b>	DUBREUILVILLE DRINKING WATER SYSTEM
<b>DWS Number:</b>	210001442
<b>DWS Owner Name:</b>	TOWNSHIP OF DUBREUILVILLE
<b>Municipal Location:</b>	DUBREUILVILLE
<b>Regulation:</b>	O.REG. 170/03
<b>DWS Category:</b>	DW Municipal Residential
<b>Type of Inspection:</b>	Detailed
<b>Compliance Assessment Start Date:</b>	Jan-5-26
<b>Ministry Office:</b>	Sault Ste. Marie Area Office

*All legislative requirements were met. No detailed rating scores.*

Maximum Question Rating: 655

Inspection Risk Rating:	0.00%
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<b>FINAL INSPECTION RATING:</b>	<b>100.00%</b>
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# 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.

[ontario.ca/drinkingwater](http://ontario.ca/drinkingwater)

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:

$$\text{RISK} = \text{LIKELIHOOD} \times \text{CONSEQUENCE}$$

(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
<b>Medium</b> Administrative Consequence	<b>Major</b> Administrative Consequence	<b>Minor</b> Environmental Consequence	<b>Minor</b> Health Consequence	<b>Medium</b> Environmental Consequence	<b>Major</b> Environmental Consequence	<b>Medium</b> Health Consequence	<b>Major</b> 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)
<b>R=4</b>	<b>R=2</b>	<b>R=6</b>	<b>R=12</b>	<b>R=15</b>	<b>R=6</b>	<b>R=21</b>	<b>R=16</b>

## 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).

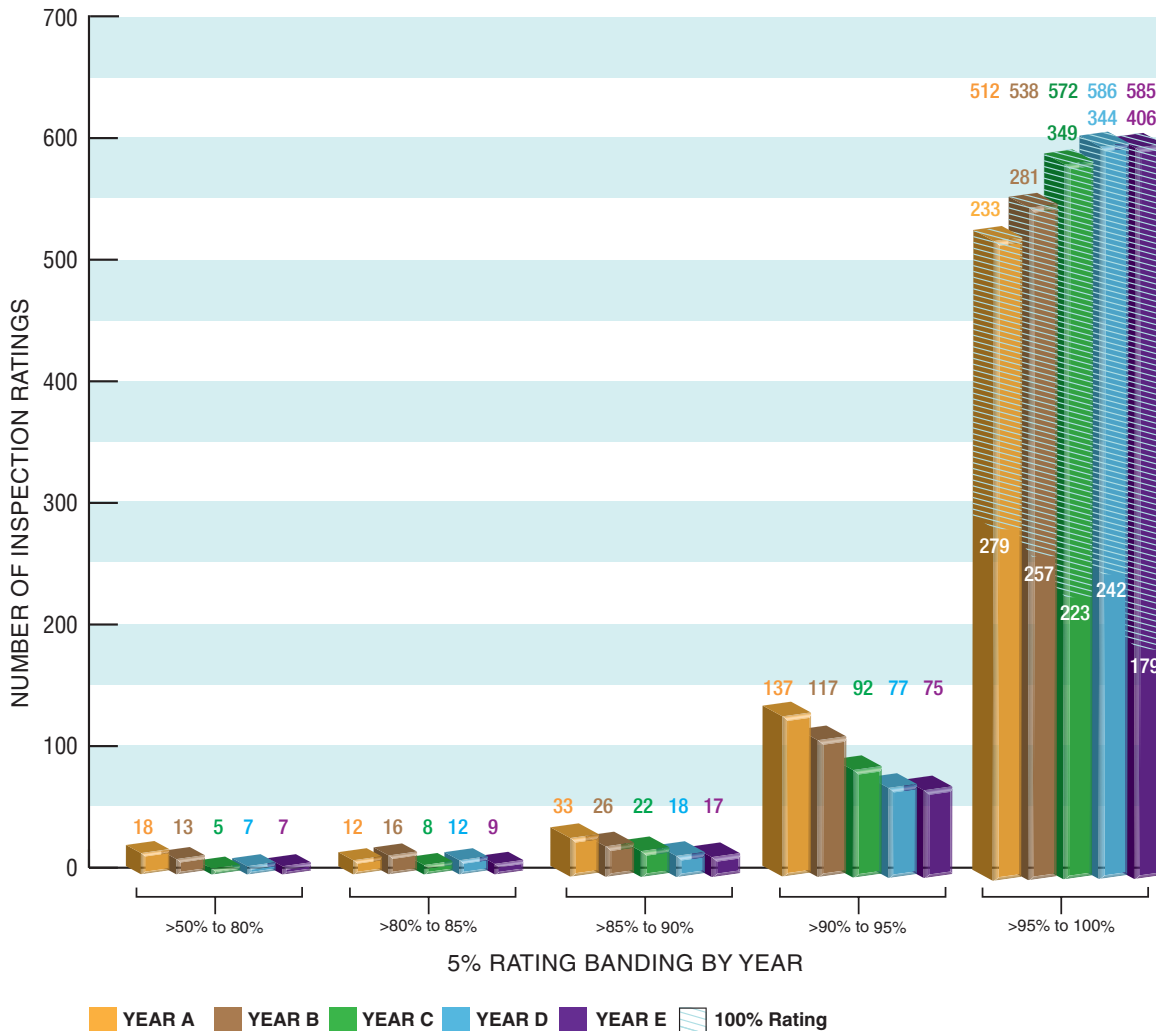
The risk ratings of all non-compliant answers are summed and divided by the sum of the risk ratings of all questions asked (maximum question rating). The resulting inspection risk rating (as a percentage) is subtracted from 100 per cent to arrive at the final inspection rating.

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

For further information, please visit [www.ontario.ca/drinkingwater](http://www.ontario.ca/drinkingwater)