



FOREMAN DRINKING WATER SYSTEM  
50 FOREMAN DR, SOUTH BRUCE PENINSULA, ON, N0H  
1A0

## INSPECTION REPORT

System Number: 220007711  
Entity: ONTARIO CLEAN WATER  
AGENCY  
THE CORPORATION OF THE  
TOWN OF SOUTH BRUCE  
PENINSULA

Inspection Start Date: August 31, 2023  
Inspection End Date: October 30, 2023  
Inspected By: Robert Graham  
Badge #: 1667



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(signature)

## **NON-COMPLIANCE**

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

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

## RECOMMENDATIONS

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

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

### INSPECTION DETAILS

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

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

| Question ID  | DWMR1001000 | Question Type | Information |
|--|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>Not Applicable   |             |               |             |
| <b>Question:</b><br>What was the scope of this inspection?   |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br><p>The primary focus of this inspection is to confirm compliance with Ministry of the Environment, Conservation and Parks (MECP) legislation as well as evaluating conformance with ministry drinking water policies and guidelines during the inspection period. The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment, and distribution components as well as management practices.</p> <p>This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O. Reg. 170/03). This inspection has been conducted pursuant to Section 81 of the SDWA.</p> <p>This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.</p> <p>On August 31, 2023, Ministry of the Environment, Conservation and Parks (MECP) Provincial Officer Bob Graham conducted an announced detailed inspection of the Foreman Drinking Water System (DWS). The Foreman DWS is a Small Municipal Residential DWS owned by the Town of South Bruce Peninsula and operated by the Ontario Clean Water Agency (OCWA/Operating Authority/OA). Assistance with the inspection was provided by Leo-Paul Frigault, OCWA Senior Operations Manager, Karla Young, OCWA Process &amp; Compliance Technician, James Learn, OCWA Overall Responsible Operator (ORO) and Cole Hutchinson, OCWA Operator.</p> <p>The Foreman DWS operates under MECP issued Municipal Drinking Water Licence Number 094-104, Issue Number 4 and Drinking Water Works Permit Number 094-204, Issue Number 4, both dated March 6, 2020.</p> <p>The well serving the Foreman DWS is drilled to a depth of 73 meters, has a 125 mm diameter steel casing and is considered ground water under the direct influence of surface water (GUDI). During the inspection review period, from September 22, 2022, the day following the previous inspection, to the date of inspection, August 31, 2023, there were no Adverse Water Quality</p> |             |               |             |

Incidents (AWQI's) reported to the MECP Spills Action Centre (SAC).

| Question ID  | DWMMR1000000 | Question Type | Information |
|--|--------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>Not Applicable   |              |               |             |
| <b>Question:</b><br>Does this drinking water system provide primary disinfection?  |              |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>This drinking water system provides for both primary and secondary disinfection and distribution of water. |              |               |             |

| Question ID  | DWMMR1007000 | Question Type | Legislative |
|--|--------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-2   (1);   |              |               |             |
| <b>Question:</b><br>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?  |              |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner was maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials. |              |               |             |

| Question ID   | DWMMR1009000 | Question Type | Legislative |
|---|--------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);  |              |               |             |
| <b>Question:</b><br>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?   |              |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |              |               |             |

| Question ID   | DWMMR1010000 | Question Type | BMP |
|---|--------------|---------------|-----|
| <b>Legislative Requirement(s):</b><br>Not Applicable                    |              |               |     |
| <b>Question:</b><br>Are trends in source water quality being monitored? |              |               |     |

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

Trends in source water quality were being monitored.

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| <b>Question ID</b>  | DWWMR1014000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);  |              |                      |             |
| <b>Question:</b><br>Is there sufficient monitoring of flow as required by the MDWL or DWWP issued under Part V of the SDWA?   |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |              |                      |             |

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| <b>Question ID</b>  | DWWMR1015000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);  |              |                      |             |
| <b>Question:</b><br>Are the flow measuring devices calibrated or verified in accordance with the requirements of the MDWL issued under Part V of the SDWA?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The flow measuring devices were calibrated or verified in accordance with the requirements of the MDWL issued under Part V of the SWDA. |              |                      |             |

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| <b>Question ID</b>  | DWWMR1016000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);  |              |                      |             |
| <b>Question:</b><br>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?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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.           |              |                      |             |
| MDWL Schedule C, Table 1, identifies that the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed 165 cubic metres/day. During the inspection review time period, the maximum daily volume of treated |              |                      |             |

water that flows from the treatment subsystem to the distribution system was not exceeded.

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| <b>Question ID</b>   | DWMMR1017000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);   |              |                      |             |
| <b>Question:</b><br>Were appropriate records of flows and any capacity exceedances made in accordance with the MDWL issued under Part V of the SDWA?   |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Appropriate records of flows and any capacity exceedances were made in accordance with the Municipal Drinking Water Licence issued under Part V of the SDWA. |              |                      |             |

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| <b>Question ID</b>   | DWMMR1013000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>OWRA   34   (3);   |              |                      |             |
| <b>Question:</b><br>Is the owner in compliance with all conditions of the PTTW?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner was in compliance with all conditions of the PTTW. |              |                      |             |

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| <b>Question ID</b>  | DWMMR1018000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);  |              |                      |             |
| <b>Question:</b><br>Has the owner ensured that all equipment is 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><br>The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit. |              |                      |             |

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| <b>Question ID</b>   | DWMMR1028000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);   |              |                      |             |
| <b>Question:</b><br>Are up-to-date plans for the drinking water system kept in place, or made available in such a manner, that they may be readily viewed by all persons responsible for all or part of the operation of the drinking water system in accordance with the DWWP and MDWL issued under |              |                      |             |

Part V of the SDWA?

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

Up-to-date plans for the drinking water system were kept in a place, or made available in such a manner, that they could be readily viewed by all persons responsible for all or part of the operation of the drinking water system in accordance with the DWWP and MDWL issued under Part V of the SDWA.

| Question ID   | DWMR1023000 | Question Type | Legislative |
|---|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-2   (2);  |             |               |             |
| <b>Question:</b><br>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?   |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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.<br><br>Records reviewed indicate that the Foreman DWS was operated to achieve the necessary CT requirements and UV performance criteria for primary disinfection during the inspection time period. |             |               |             |

| Question ID  | DWMR1026000 | Question Type | Legislative |
|--|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-6   (1);   |             |               |             |
| <b>Question:</b><br>If primary disinfection equipment that does not use chlorination or chloramination is provided, is the equipment equipped with alarms or shut-off mechanisms that satisfy the standards described in Section 1-6 (1) of Schedule 1 of Ontario Regulation 170/03?   |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The primary disinfection equipment was equipped with alarms or shut-off mechanisms that satisfied the standards described in Section 1-6 (1) of Schedule 1 of O. Reg. 170/03.<br><br>The Ultraviolet light disinfection equipment (UV) shall have a feature that ensures that no water is directed to users of water treated by the equipment or that causes an alarm to sound in the event that the equipment malfunctions, loses power or ceases to provide the appropriate level of disinfection.<br><br>At the time of inspection, the UV System alarm setpoints are set for UV Intensity Low 25.0 |             |               |             |



W/m<sup>2</sup> and Low-Low 19.0 W/m<sup>2</sup>. The operations manual identifies that two (2) Trojan B03 UV disinfection units are certified to provide a minimum UV dose of 40 mj/cm<sup>2</sup> at the design UV transmittance of 80% UVT and the design flow of 1.9 L/sec. If the UVT is higher than 80% and/or the flow rate is lower than 1.9 L/sec, dosage will increase.

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| <b>Question ID</b>   | DWMR1027000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);   |             |                      |             |
| <b>Question:</b><br>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?   |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |             |                      |             |

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| <b>Question ID</b>  | DWMR1024000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-2   (2);  |             |                      |             |
| <b>Question:</b><br>Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated as required?   |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |             |                      |             |

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| <b>Question ID</b>   | DWMR1034000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   7-2   (5); SDWA   O. Reg. 170/03   7-2   (6);  |             |                      |             |
| <b>Question:</b><br>Is the secondary disinfectant residual measured as required for the small municipal residential distribution system?                   |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The secondary disinfectant residual was measured as required for the small municipal |             |                      |             |

residential distribution system.

Subsection 7-2 (5) of Schedule 7, O.Reg.170/03 the owner of a small municipal residential system that provides secondary disinfection and the operating authority for the system shall ensure that at least two distribution samples are taken each week in accordance with subsection (6) and are tested immediately for, (a) free chlorine residual. Records provided by the owner and reviewed during the inspection indicate that the owner complied with these requirements, testing free chlorine residual for secondary disinfection monitoring purposes 2 days each week and at least 48 hours apart.

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| <b>Question ID</b>  | DWMR1049000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable  |             |                      |     |
| <b>Question:</b><br>Do records confirm that disinfectant residuals are routinely checked at the extremities and dead ends of the distribution system?   |             |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Records confirmed that disinfectant residuals were routinely checked at the extremities and dead ends of the distribution system. |             |                      |     |

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| <b>Question ID</b>  | DWMR1036000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-7   (1);  |             |                      |             |
| <b>Question:</b><br>Where continuous monitoring equipment is not used for chlorine residual analysis, are samples tested using an acceptable portable device? |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Samples for chlorine residual analysis were tested using an acceptable portable device. |             |                      |             |

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| <b>Question ID</b>  | DWMR1030000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   7-2   (1); SDWA   O. Reg. 170/03   7-2   (2);   |             |                      |             |
| <b>Question:</b><br>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? |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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.

| Question ID  | DWMR1031000 | Question Type | BMP |
|--|-------------|---------------|-----|
| <b>Legislative Requirement(s):</b><br>Not Applicable   |             |               |     |
| <b>Question:</b><br>Are 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><br>Operators were aware of the operational criteria necessary to achieve primary disinfection within the drinking water system. |             |               |     |

| Question ID   | DWMR1032000 | Question Type | Legislative |
|---|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   7-3   (2);  |             |               |             |
| <b>Question:</b><br>If the drinking water system obtains water from a surface water source and provides filtration, is continuous monitoring of each filter effluent line being performed for turbidity?  |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Continuous monitoring of each filter effluent line was being performed for turbidity.   |             |               |             |
| For small municipal residential systems that use surface water or GUDI as the source and are required to provide filtration, Reg.170/03, Schedule 7 section 7(3)(2) requires continuous monitoring equipment of each filter effluent line. The DWS has two (2) Meyers iron and manganese filters which are continuously regenerated with Potassium Permanganate (one duty and one standby), one (1) cartridge filter housing, pretreatment for the ultraviolet disinfection system. Continuous monitoring of turbidity is measured via one analyzer located downstream of the cartridge filters and UV units. |             |               |             |

| Question ID   | DWMR1035000 | Question Type | Legislative |
|---|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-5   (1)1-4; SDWA   O. Reg. 170/03   6-5   (1)5-10;  |             |               |             |
| <b>Question:</b><br>Are operators examining continuous monitoring test results and are they examining the results within 72 hours of the test?                |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Operators were examining continuous monitoring test results and they were examining the |             |               |             |

results within 72 hours of the test.

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| <b>Question ID</b>   | DWMR1038000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-5   (1)1-4;  |             |                      |             |
| <b>Question:</b><br>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?   |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |             |                      |             |

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| <b>Question ID</b>   | DWMR1037000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>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);  |             |                      |             |
| <b>Question:</b><br>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?  |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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.<br><br>The water treatment plant is equipped with continuous analyzers and alarms for free chlorine and turbidity. At the time of inspection, the SCADA system low alarm set point for the treated water chlorine analyzer is 0.50 mg/L, which, if triggered, activates the trim chlorination system to increase the chlorine concentration. If the chlorine residual lowers to 0.20 mg/L the SCADA system low low alarm is activated which notifies the operator(s) and locks out the DWS ensuring the system meets CT requirements. The SCADA system turbidity analyzer high alarm set point downstream of the filters is set at 0.30 NTU, which, if triggered, notifies the operator who conducts a filter trending review. The SCADA system turbidity analyzer high high alarm set point is set at 0.60 NTU, which, if triggered, notifies the operator(s) and locks out the filters ceasing water production and prevents any adverse conditions. |             |                      |             |

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| <b>Question ID</b> | DWMR1040000 | <b>Question Type</b> | Legislative |
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**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.

Routine analyzer maintenance, accuracy verification checks and calibrations are conducted by the operator(s) which are recorded in facility log books and daily SCADA reports. Annual analyzer calibrations were performed by SPD Sales Ltd. in May 2023.

| Question ID  | DWMR1108000 | Question Type | 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; 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, 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? |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b>   |             |               |             |
| 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.  |             |               |             |

| Question ID  | DWMR1039000 | Question Type | Legislative |
|--|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b>   |             |               |             |
| SDWA   O. Reg. 170/03   1-6   (3);   |             |               |             |
| <b>Question:</b>   |             |               |             |
| If primary disinfection equipment that does not use chlorination or chloramination is provided, has the owner and operating authority ensured that the equipment has a recording device that continuously records the performance of the disinfection equipment? |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b>   |             |               |             |
| The owner and operating authority ensured that the primary disinfection equipment had a recording device that continuously recorded the performance of the disinfection equipment.   |             |               |             |

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| <b>Question ID</b>  | DWMMR1042000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);  |              |                      |             |
| <b>Question:</b><br>If UV disinfection is used were duty sensors and reference UV sensors checked and calibrated as per the requirements of Schedule E of the MDWL or at a frequency as otherwise recommended by the UV equipment manufacturer?   |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All UV sensors were checked and calibrated as required.   |              |                      |             |
| <p>Duty UV sensors shall be checked on at least a monthly basis against a reference UV sensor or at a frequency as otherwise recommended by the UV equipment manufacturer. When comparing a duty UV sensor to a reference UV sensor, the calibration ratio (intensity measured with the duty UV sensor/intensity measured with the reference UV sensor) shall be less than or equal to 1.20.</p> <p>If the calibration ratio is greater than 1.2, the duty UV sensor shall be replaced with a calibrated UV sensor or a UV sensor correction factor shall be applied while the problem with the UV sensor is being resolved. Reference UV sensors shall be checked against a Master Reference Assembly at a minimum frequency of once every three years or on a more frequent basis depending upon the recommendations of the equipment manufacturer. Records provided for review identify that UV sensors shall be checked on at least a monthly basis and the calibration ratio was reported to be less or equal to 1.20.</p> |              |                      |             |

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| <b>Question ID</b>  | DWMMR1099000 | <b>Question Type</b> | Information |
| <b>Legislative Requirement(s):</b><br>Not Applicable  |              |                      |             |
| <b>Question:</b><br>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)?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Records showed that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03). |              |                      |             |

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| <b>Question ID</b>   | DWMMR1080000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   11-3   (1); SDWA   O. Reg. 170/03   11-3   (3);    |              |                      |             |
| <b>Question:</b><br>For SMR systems, are all microbiological water quality monitoring requirements for raw water |              |                      |             |

samples prescribed by legislation being met?

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

All microbiological water quality monitoring requirements prescribed by legislation for raw water samples were being met.

Section 11-3. (1) of Schedule 11 requires the owner/operating authority of a DWS that obtains water from a raw water supply that is ground water or a drinking water system is deemed under section 2 to obtain water from a raw water supply that is surface water, to ensure that a water sample is taken at least once every month from the raw water in each well that is supplying water to the system, before any treatment is applied to the water, is tested for,

- (a) Escherichia coli; and
- (b) total coliforms.

OCWA staff conduct raw bacteriological samples monthly satisfying this requirement.

| Question ID  | DWMR1082000 | Question Type | Legislative |
|--|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b>   |             |               |             |
| SDWA   O. Reg. 170/03   11-2   (1); SDWA   O. Reg. 170/03   11-2   (2); SDWA   O. Reg. 170/03   11-2   (6);  |             |               |             |
| <b>Question:</b>   |             |               |             |
| For SMR systems, are all microbiological water quality monitoring requirements for distribution samples prescribed by legislation being met?   |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b>   |             |               |             |
| All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a small municipal residential system were being met.   |             |               |             |
| For a SMR DWS, distribution bacteriological samples shall be taken:  |             |               |             |
| 1) once every 2 weeks provided that the system is in compliance with Schedule 1 of O.Reg. 170/03, or 2) one sample every week if the system does not meet the requirements of Schedule 1 of O. Reg.170/03. Each sample must be tested for EC + TC and, if secondary disinfection is provided, must also be tested for HPC. OCWA staff conduct distribution bacteriological samples weekly satisfying this requirement. |             |               |             |

| Question ID   | DWMR1096000 | Question Type | Legislative |
|---|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b>  |             |               |             |
| SDWA   O. Reg. 170/03   6-3   (1);  |             |               |             |
| <b>Question:</b>  |             |               |             |
| Do records confirm that chlorine residual tests are being conducted at the same time and at the same location that microbiological samples are obtained?  |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b>  |             |               |             |
| Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained. |             |               |             |

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|---|--------------|----------------------|-------------|
| <b>Question ID</b>  | DWMMR1084000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13-2;   |              |                      |             |
| <b>Question:</b><br>Are all inorganic water quality monitoring requirements prescribed by legislation conducted within the required frequency?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All inorganic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.   |              |                      |             |
| Sampling and testing for inorganic parameters has been conducted for the DWS in accordance with Schedule 13-2 of Ontario Regulation 170/03. The regulation requires that samples be collected every 60 months and tested for each parameter listed in Schedule 23. The most recent samples were collected on January 5, 2021 and there were no concerns identified from the results. The next set of samples are due in January 2026. |              |                      |             |

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|---|--------------|----------------------|-------------|
| <b>Question ID</b>  | DWMMR1085000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>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><br>Are all organic water quality monitoring requirements prescribed by legislation conducted within the required frequency?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All organic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.   |              |                      |             |
| Sampling and testing for organic parameters has been conducted for the DWS in accordance with Schedule 13-4 of Ontario Regulation 170/03. The regulation requires that samples be collected every 60 months and tested for each parameter listed in Schedule 24. The most recent samples were collected on January 5, 2021 and there were no concerns identified from the results. The next set of samples are due in January 2026. |              |                      |             |

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|---|--------------|----------------------|-------------|
| <b>Question ID</b>  | DWMMR1086000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>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>  |              |                      |             |



Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?

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

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

Section 13-6.1 (1) of Schedule 13, O.Reg.170/03 requires the Owner and the Operating Authority to ensure that at least one distribution sample is taken every 3 months from a point in the drinking water system's distribution system that is connected to the drinking water system, that is likely to have an elevated potential for the formation of Haloacetic Acids (HAAs), and tested for HAAs. Section 6-1.1 of Schedule 6, O.Reg.170/03 requires that these samples be taken at least 60 days, and not more than 120 days, after a sample was taken for that purpose in the previous three month period. The standard for HAAs is expressed as a Running Annual Average (RAA), where the RAA is defined as the average for quarterly HAAs results for a DWS. Sampling for the inspection period occurred as required and there were no concerns with the results. The Ontario Drinking Water Quality Standard is a RAA concentration of 80 ug/L.

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| <b>Question ID</b> | DWMR1087000 | <b>Question Type</b> | Legislative |
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**Legislative Requirement(s):**

SDWA | O. Reg. 170/03 | 13-6 | (1); SDWA | O. Reg. 170/03 | 13-6 | (2); SDWA | O. Reg. 170/03 | 13-6 | (3); SDWA | O. Reg. 170/03 | 13-6 | (4); SDWA | O. Reg. 170/03 | 13-6 | (5); SDWA | O. Reg. 170/03 | 13-6 | (6);

**Question:**

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

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

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

Section 13-6 of Schedule 13, O.Reg.170/03 requires the Owner and the Operating Authority to ensure that at least one distribution sample is taken every 3 months from a point in the DWS distribution system, or in plumbing that is connected to the DWS, that is likely to have an elevated potential for the formation of Trihalomethanes (THMs), and tested for THMs. Section 6-1.1 of Schedule 6, O.Reg.170/03 requires that these samples be taken at least 60 days, and not more than 120 days, after a sample was taken for that purpose in the previous three month period. Sampling for the inspection period occurred as required and there were no concerns with the results. The Ontario Drinking Water Quality Standard is a RAA concentration of 100 ug/L.

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| <b>Question ID</b> | DWMR1088000 | <b>Question Type</b> | Legislative |
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**Legislative Requirement(s):**

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

**Question:**

Are all nitrate/nitrite water quality monitoring requirements prescribed by legislation conducted within the required frequency for the DWS?

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

All nitrate/nitrite water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Section 13-7 of Schedule 13, O.Reg.170/03 requires the Owner and Operating authority to ensure that at least one water sample is taken every three months and tested for nitrates and nitrites. Section 6-1.1 of Schedule 6, O.Reg.170/03 requires that these samples be taken at least 60 days, and not more than 120 days, after a sample was taken for that purpose in the previous three month period. Sampling for the inspection period occurred as required and there were no concerns with the results.

| Question ID  | DWMR1089000 | Question Type | Legislative |
|--|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13-8;  |             |               |             |
| <b>Question:</b><br>Are all sodium water quality monitoring requirements prescribed by legislation conducted within the required frequency?  |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All sodium water quality monitoring requirements prescribed by legislation were conducted within the required frequency.   |             |               |             |
| Section 13-8 of Schedule 13, O.Reg.170/03 requires that a treated water sample is taken every 60 months and is tested for sodium. Records provided by OCWA indicate that sampling for sodium was conducted on January 4, 2022, with a result of 16.5 mg\L. |             |               |             |

| Question ID  | DWMR1090000 | Question Type | Legislative |
|--|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13-9;  |             |               |             |
| <b>Question:</b><br>Where fluoridation is not practiced, are all fluoride water quality monitoring requirements prescribed by legislation conducted within the required frequency?               |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All fluoride water quality monitoring requirements prescribed by legislation were conducted within the required frequency. |             |               |             |

Section 13-9 of Schedule 13, O.Reg.170/03 requires that at least one water sample is taken every 60 months and tested for Fluoride. Records provided by OCWA indicate that sampling for fluoride was conducted on January 4, 2022, with a result of 1.21 mg/L.

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| <b>Question ID</b>  | DWMR1092000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-2;  |             |                      |             |
| <b>Question:</b><br>Has the owner ensured that water samples are taken at the prescribed location?  |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner ensured that water samples were taken at the prescribed location. |             |                      |             |

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| <b>Question ID</b>   | DWMR1094000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);   |             |                      |             |
| <b>Question:</b><br>Are all water quality monitoring requirements imposed by the MDWL and DWWP being met?  |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were being met.  |             |                      |             |
| <p>Wastewater from the backwash process for the iron and manganese filter system is discharged to a wastewater holding tank where suspended solids are permitted to settle. MDWL Schedule C, Table 3 identifies that the annual average concentration of Backwash Wastewater Facility Total Suspended Solids and Total Chlorine Residual discharged from the holding tank shall not exceed 25 mg/L and 0.02 mg/L, respectively. Table 7 identifies that Backwash Wastewater Total Suspended Solids and Total Chlorine Residuals shall be comprised of grab samples (reference MDWL Section 5.0 for details) taken monthly at the point of discharge from the filter backwash tank.</p> <p>During the inspection review period this requirement has been met. The annual average concentration of Backwash Wastewater Suspended Solids discharged during the inspection time period and the annual average concentration of Total Chlorine Residual discharged during the inspection time period did not exceed not exceed 25 mg/L and 0.02 mg/L, respectively.</p> |             |                      |             |

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| <b>Question ID</b>   | DWMR1097000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   7-3   (1.1); |             |                      |             |

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

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| <b>Question ID</b>  | DWMR1098000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13   (1); SDWA   O. Reg. 170/03   13   (2); SDWA   O. Reg. 170/03   13   (3);                                 |             |                      |             |
| <b>Question:</b><br>Has the owner indicated that the required records are kept and will be kept for the required time period?   |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner indicated that the required records are kept and will be kept for the required time period. |             |                      |             |

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

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| <b>Question ID</b>  | DWMR1111000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>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><br>Have Summary Reports for municipal council been completed on time, include the required content, and distributed in accordance with the regulatory requirements?  |             |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Summary Reports for municipal council were completed on time, included the required content,                    |             |                      |             |

and were distributed in accordance with the regulatory requirements.

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| <b>Question ID</b>   | DWMMR1043000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);   |              |                      |             |
| <b>Question:</b><br>Are the process wastewater and residual solids/sludges being 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><br>The process wastewater and residual solids/sludges were treated, handled and disposed of in accordance with the design requirements approved under the Drinking Water Works Permit and the Municipal Drinking Water Licence. |              |                      |             |

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| <b>Question ID</b>  | DWMMR1044000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);  |              |                      |             |
| <b>Question:</b><br>Does the process wastewater discharge monitoring program and discharge quality comply with requirements established in the MDWL issued under Part V of the SDWA?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The process wastewater discharge monitoring program and discharge quality complied with requirements established in the Municipal Drinking Water Licence Issued under Part V of the SDWA. |              |                      |             |

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| <b>Question ID</b>   | DWMMR1046000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable   |              |                      |     |
| <b>Question:</b><br>Is there a backflow prevention program, policy and/or bylaw in place that addresses cross connections and connections to high hazard facilities? |              |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>There was a backflow prevention program, policy and/or bylaw in place.                         |              |                      |     |

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| <b>Question ID</b>                                   | DWMMR1053000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>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.

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| <b>Question ID</b>   | DWMMR1047000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable   |              |                      |     |
| <b>Question:</b><br>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?   |              |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |              |                      |     |

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| <b>Question ID</b>  | DWMMR1048000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable  |              |                      |     |
| <b>Question:</b><br>Has the owner implemented a program for the flushing of watermains as per industry standards?   |              |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner had implemented a program for the flushing of watermains as per industry standards. |              |                      |     |

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| <b>Question ID</b>   | DWMMR1050000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable   |              |                      |     |
| <b>Question:</b><br>Is there a program in place for inspecting and exercising valves?  |              |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>There was a program in place for inspecting and exercising valves. |              |                      |     |

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| <b>Question ID</b>  | DWMMR1058000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   28;   |              |                      |             |
| <b>Question:</b><br>Do operators and maintenance personnel have ready access to operations and maintenance manuals?   |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Operators and maintenance personnel had ready access to operations and maintenance manuals. |              |                      |             |

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| <b>Question ID</b>   | DWMMR1059000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   28;  |              |                      |             |
| <b>Question:</b><br>Do 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><br>The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system. |              |                      |             |

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| <b>Question ID</b>   | DWMMR1060000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);   |              |                      |             |
| <b>Question:</b><br>Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |              |                      |             |

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|---|--------------|----------------------|-------------|
| <b>Question ID</b>  | DWMMR1061000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>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); |              |                      |             |
| <b>Question:</b><br>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.

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| <b>Question ID</b>   | DWMMR1062000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   7-5;   |              |                      |             |
| <b>Question:</b><br>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?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |              |                      |             |

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|--|--------------|----------------------|-------------|
| <b>Question ID</b>   | DWMMR1063000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-10   (1);  |              |                      |             |
| <b>Question:</b><br>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?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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. |              |                      |             |

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|--|--------------|----------------------|-------------|
| <b>Question ID</b>   | DWMMR1064000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   26   (2);  |              |                      |             |
| <b>Question:</b><br>Did the operator-in-charge ensure that records were maintained of all adjustments made to the processes within his or her responsibility?  |              |                      |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The operator-in-charge ensured that records were maintained of all adjustments made to the processes within his or her responsibility. |              |                      |             |

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| <b>Question ID</b>                 | DWMMR1065000 | <b>Question Type</b> | Legislative |
| <b>Legislative Requirement(s):</b> |              |                      |             |



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 |
|---|-------------|---------------|-----|
| <b>Legislative Requirement(s):</b><br>Not Applicable  |             |               |     |
| <b>Question:</b><br>Is spill containment provided for process chemicals and standby power generator fuel?   |             |               |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Spill containment was provided for process chemicals and/or standby power generator fuel. |             |               |     |

| Question ID  | DWMR1067000 | Question Type | BMP |
|--|-------------|---------------|-----|
| <b>Legislative Requirement(s):</b><br>Not Applicable   |             |               |     |
| <b>Question:</b><br>Are clean-up equipment and materials in place for the clean up of spills?  |             |               |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Clean-up equipment and materials were in place for the clean up of spills. |             |               |     |

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

| Question ID   | DWMR1069000 | Question Type | BMP |
|---|-------------|---------------|-----|
| <b>Legislative Requirement(s):</b><br>Not Applicable                          |             |               |     |
| <b>Question:</b><br>Are all storage facilities completely covered and secure? |             |               |     |

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

All storage facilities were completely covered and secure.

|  |             |                      |     |
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| <b>Question ID</b>   | DWMR1070000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable   |             |                      |     |
| <b>Question:</b><br>Are air vents and overflows associated with reservoirs and elevated storage structures equipped with screens?  |             |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Air vents and overflows associated with reservoirs and elevated storage structures were equipped with screens. |             |                      |     |

|   |             |                      |     |
|---|-------------|----------------------|-----|
| <b>Question ID</b>  | DWMR1071000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable  |             |                      |     |
| <b>Question:</b><br>Has the owner provided security measures to protect components of the drinking water system?  |             |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner had provided security measures to protect components of the drinking water system.<br><br>The pump house and treatment facility is fenced with a locked gate. The treatment facility has lockable doors equipped with an intruder alarm to notify operators in the event of a security breach. The drilled well was locked and signage restricts access to the site. At the time of inspection there was no apparent visual evidence of unauthorized access and/or vandalism. |             |                      |     |

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|---|-------------|----------------------|-----|
| <b>Question ID</b>  | DWMR1072000 | <b>Question Type</b> | BMP |
| <b>Legislative Requirement(s):</b><br>Not Applicable  |             |                      |     |
| <b>Question:</b><br>Has the owner and/or operating authority undertaken efforts to promote water conservation and reduce water losses in their system?  |             |                      |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner and/or operating authority undertook efforts to promote water conservation and reduce water losses in their system. |             |                      |     |

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| <b>Question ID</b> | DWMR1073000 | <b>Question Type</b> | Legislative |
|--------------------|-------------|----------------------|-------------|

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| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   23   (1);  |
| <b>Question:</b><br>Has the overall responsible operator been designated for all subsystems which comprise the drinking water system?  |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The overall responsible operator had been designated for each subsystem.<br><br>The overall responsible operator for the Foreman DWS is James Learn, with back-up being provided by Billy Shearer. |

| Question ID  | DWMMR1074000 | Question Type | Legislative |
|--|--------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   25   (1);  |              |               |             |
| <b>Question:</b><br>Have operators-in-charge been designated for all subsystems which comprise the drinking water system?  |              |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Operators-in-charge had been designated for all subsystems which comprise the drinking water system. |              |               |             |

| Question ID   | DWMMR1075000 | Question Type | Legislative |
|---|--------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   22;   |              |               |             |
| <b>Question:</b><br>Do all operators possess the required certification?  |              |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All operators possessed the required certification. |              |               |             |

| Question ID   | DWMMR1076000 | Question Type | Legislative |
|---|--------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-2   (2);  |              |               |             |
| <b>Question:</b><br>Do only certified operators make adjustments to the treatment equipment?  |              |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Only certified operators made adjustments to the treatment equipment. |              |               |             |



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

**DWS Name:** FOREMAN DRINKING WATER SYSTEM  
**DWS Number:** 220007711  
**DWS Owner:** THE CORPORATION OF THE TOWN OF SOUTH BRUCE PENINSULA  
**Municipal Location:** SOUTH BRUCE PENINSULA

**Regulation:** O.REG. 170/03  
**DWS Category:** DW Municipal Residential  
**Type of Inspection:** Detailed  
**Inspection Date:** Aug-31-2023  
**Ministry Office:** Owen Sound District Office

**Maximum Risk Rating:** 594

| Inspection Module              | Non Compliance Risk (X out of Y) |
|--------------------------------|----------------------------------|
| Capacity Assessment            | 0/42                             |
| Certification and Training     | 0/42                             |
| Effluent Quality and Quantity  | 0/20                             |
| Logbooks                       | 0/30                             |
| Operations Manuals             | 0/42                             |
| Reporting & Corrective Actions | 0/29                             |
| Source                         | 0/26                             |
| Treatment Processes            | 0/248                            |
| Water Quality Monitoring       | 0/115                            |
| <b>Overall - Calculated</b>    | <b>0/594</b>                     |

**Inspection Risk Rating:** 0.00%

**Final Inspection Rating:** 100.00%

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

**DWS Name:** FOREMAN DRINKING WATER SYSTEM  
**DWS Number:** 220007711  
**DWS Owner Name:** THE CORPORATION OF THE TOWN OF SOUTH BRUCE PENINSULA  
**Municipal Location:** SOUTH BRUCE PENINSULA

**Regulation:** O.REG. 170/03  
**DWS Category:** DW Municipal Residential  
**Type of Inspection:** Detailed  
**Inspection Date:** Aug-31-2023  
**Ministry Office:** Owen Sound District Office

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

Maximum Question Rating: 594

Inspection Risk Rating: 0.00%

FINAL INSPECTION RATING: 100.00%