



HURON WOODS DRINKING WATER SYSTEM  
Physical Address: 86 BIRCH ST, , SOUTH BRUCE  
PENINSULA, ON N0H 2G0

## INSPECTION REPORT

Entity: ONTARIO CLEAN WATER  
AGENCY  
THE CORPORATION OF THE  
TOWN OF SOUTH BRUCE  
PENINSULA  
Inspection Start Date: November 20, 2024  
Site Inspection Date: November 20, 2024  
Inspection End Date: December 06, 2024  
Inspected By: Robert Graham  
Badge #: 1667



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(signature)

## INTRODUCTION

### Purpose

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

### Scope

The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment, and distribution components as well as management and the operation of the system. The inspection of the drinking water system (DWS) included both the physical inspection of the component parts of the system listed in section 4 "Systems Components" of the report and the review of data and documents associated with the operation of the DWS during the review period.

This DWS 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 Huron Woods DWS is a Large Municipal Residential DWS (serves a major residential development and serves more than 100 private residences) owned by the Corporation of the Town of South Bruce Peninsula (Owner) and operated by the Ontario Clean Water Agency (OCWA/Operating Authority/OA). Information reviewed for this inspection covered the time period of November 29, 2023, the day following the previous inspection, to the inspection date on November 20, 2024. MECP Water Compliance Officer Bob Graham met with OCWA staff members, Senior Operations Manager Leo-Paul Frigault, Overall Responsible Operator (ORO), James Learn, Process & Compliance Technician, Karla Young, Operator Cole Hutchinson and Operator in Training, Yulia Shenurina, as part of the inspection process.

### Systems/Components

The following is a summary description of the works comprising the DWS:

Located at 86 Birch Street, Town of The South Bruce Peninsula, ON, N0H 2G0, UTM Coordinates NAD 27: UTM Zone 17, 479272.00 m E., 4939232.00 m N., treatment for the Huron Woods drinking water system includes: iron and manganese removal (sodium

hypochlorite with greensand filtration), cartridge filtration (5 micron), UV disinfection and chlorination (sodium hypochlorite).

Well 6 (GUDI) is an overburden well drilled to a depth of 16.6 metres. The well has a 250 mm diameter casing and is equipped with a submersible well pump rated at 5.3 L/s at a TDH (total dynamic head) of 15 metres. The water discharges to a 50 mm diameter header into the pumphouse. Well 6 (identified as Well 4 on PTTW 6262-86RPTX) is the primary production well supplying the Huron Woods drinking water system.

### **Permissions/Approvals**

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

- Municipal Drinking Water Licence Number: 094-103, Issue Number: 4, dated March 6, 2020,
- Drinking Water Works Permit Number: 094-203, Issue Number: 4, dated March 6, 2020,
- Permit To Take Water No. 5437-BTFNDL, issued on September 15, 2020.

### **Background and Compliance**

Well 6 (GUDI) is an overburden well drilled to a depth of 16.6 metres. The well has a 250 mm diameter casing and is equipped with a submersible well pump rated at 5.3 L/s at a TDH (total dynamic head) of 15 metres. The water discharges to a 50 mm diameter header into the pumphouse. Well 6 (identified as Well 4 on PTTW 6262-86RPTX) is the primary production well supplying the Huron Woods drinking water system.

Treatment for the Huron Woods drinking water system includes: iron and manganese removal (sodium hypochlorite with greensand filtration), cartridge filtration (5 micron), UV disinfection and chlorination (sodium hypochlorite).

NOTE Well#1 has been removed from the PTTW February 2016 and is currently not a production well.

Well 1 is a bedrock well drilled to a depth of 123.4 metres. The well has a 125 mm diameter casing and is equipped with a submersible deep well pump rated at 1.21 L/s at a TDH of 83.3 metres. The water discharges to a 50 mm header into the pumphouse. Well 1 is maintained as a backup source.

NOTE Well#2 has been removed from the PTTW February 2016 and is currently not a production well.

Well 2 is a bedrock well drilled to a depth of 45.1 metres. The well has a 125 mm diameter casing and is equipped with a submersible well pump rated at 0.6 L/s at a TDH of 74.2 metres. The water flows to a 50 mm diameter raw water header discharging to the pumphouse. Well 2 is

maintained as a backup source.

#### Test Well 2 (TW2 or PW1)

The Engineer's Report indicates that this well is not connected to the drinking water system, however there is a raw water header that extends to the pumphouse. The final connection has not been made and the report indicates that the well is not equipped with pumps.

During an expansion in 1999 to include the Walker Estates subdivision this well was made available. The well can only be utilized should the Huron Woods water system exceed its rated capacity.

NOTE Well#3 has been removed from the PTTW February 2016 and is currently not a production well.

Well 3 is a bedrock well drilled to a depth of 109.7 metres. The well has a 125 mm diameter casing and is equipped with a submersible pump rated at 1.51 L/s at a TDH of 105 metres. The well discharges to a 50 mm diameter header into the pumphouse. Well 3 is maintained as a backup source.

#### Distribution System

Treated water is directed to the distribution system via a 150 mm diameter discharge header which connects to the 75 mm diameter and 100 mm diameter watermains along Birch Street. The water distribution system serves one hundred and two service (102) connections along Birch Street, Frederick Lane, Maple Port Crescent, Graham Crescent and Walker Way. The water system is approved to service one hundred and twenty-two connections.

The CT calculation was provided by the Operating Authority. According to the Procedure for Disinfection of Drinking Water in Ontario for a 4 log (99.99%) Inactivation of Viruses by Free Chlorine with a Raw Water temperature of 5 degrees Celsius, with a pH between 6 – 9 the required CT value = 8

Clearwell capacity = 232m<sup>3</sup>

Auto shutdown of Highlift pump = 60%

Baffle ratio = 0.1

Flow rate = 5.3 L/sec. (0.318 m<sup>3</sup>/min)

Effective Contact time =  $(232 \times 0.6 \times 0.1) / 0.318$

Effective Contact Time =  $13.92 / 0.318 = 43.7$  min

CT (required) = Disinfection Residual Concentration (mg/L) x Effective contact time (min)

Thus, the minimum disinfection residual can be calculated using the following formula:

Minimum Disinfection Residual (mg/L) = CT (required) / Effective contact time (min)

Minimum Disinfection Residual (mg/L) =  $8 / 43.7 = 0.183$

A minimum Free Chlorine Concentration of 0.19 mg/L is required to meet primary disinfection with a minimum clearwell volume of 13.92 m<sup>3</sup> (60%).

## **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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DWMR1007001 | Question Type | Legislative |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-2   (1)1;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |               |             |
| <b>Question:</b><br>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><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.<br><br>The Huron Woods DWS water wells include Wells 1, 2 and 3, Test Well 2 and Well No. 6. Of the aforementioned wells, Well No. 6 remains in use as the sole primary production well. The remaining water wells are not in use and have been removed as DWS source water wells in MECP Permit To Take Water No. 5437-BTFNDL. The owner shall maintain all wells in accordance with Ontario Regulation 903, s.20 (1) under the Ontario Water resources Act which states that, "The well owner shall maintain the well at all times after the completion of the well's structural stage in a manner sufficient to prevent the entry into the well of surface water and other foreign materials." At the time of inspection, a visual assessment was made of the exposed structural portions of the aforementioned wells. The wells appeared to be maintained in such a manner to prevent the entry into the wells of surface water and other foreign materials. |             |               |             |

| Question ID                                                                                                                                                                       | DWMR1009001 | Question Type | Legislative |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);                                                                                                                            |             |               |             |
| <b>Question:</b><br>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><br>Measures were in place to protect the groundwater and/or GUDI source.                                       |             |               |             |

| Question ID                                                                                                                           | DWMR1014001 | Question Type | Legislative |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);                                                                                |             |               |             |
| <b>Question:</b><br>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><br>Flow monitoring was performed as required.                      |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DWMR1016001 | Question Type | Legislative |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |               |             |
| <b>Question:</b><br>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><br>The owner was in compliance with the conditions associated with maximum flow rate and/or the rated/operational capacity conditions.<br><br>Condition 1.1 of Schedule C of the MDWL identifies that the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system at the Huron Woods Water Treatment Plant shall not exceed 743 m3/day. Records reviewed during the inspection review time period identified that the maximum day flow of treated water during the inspection review time period did not exceed the 743 m3/day rated capacity. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DWMR1018001 | Question Type | Legislative |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |               |             |
| <b>Question:</b><br>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><br>The owner ensured that equipment was installed as required.<br><br>The equipment installed at the Huron Woods DWS plant compares favourably to the equipment listed in the DWWP issued for the Huron woods DWS. The process flow diagram included in Schedule D of the Permit also appears to be accurate. All equipment described in the Permit appeared to be installed and operating on the date of this inspection. There were no reported alterations undertaken during this inspection review period. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                             | DWMR1023001 | Question Type | Legislative |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-2   (2);                                                                                                                                                                                                                                                                                                                                |             |               |             |
| <b>Question:</b><br>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><br>Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities prescribed.<br><br>Records reviewed indicate that the Huron Woods DWS was operated to achieve the necessary CT requirements and UV performance criteria for primary disinfection during the inspection time period. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DWMR1026001 | Question Type | Legislative |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-6   (2);                                                                                                                                                                                                                                                                                                                                                                                                                       |             |               |             |
| <b>Question:</b><br>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><br>Primary disinfection equipment was equipped with alarms or shutoff mechanisms that satisfied the standards.<br><br>At the time of inspection, the Provincial Officer observed that the SCADA alarm setpoint for the UV system was set at 29 W/m2 meeting Part 5.4.1 of the Operations and Maintenance Manual (UV disinfection) for the Huron Woods DWS which identifies a UV alarm setpoint for each UV Unit at 29 W/m2. |             |               |             |

| Question ID                                                                                                                                                                                                                   | DWMR1024001 | Question Type | Legislative |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-2   (2);                                                                                                                                                      |             |               |             |
| <b>Question:</b><br>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><br>Records confirmed that the water treatment equipment which provides chlorination or chloramination for secondary disinfection was operated as required. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DWMR1033001 | Question Type | Legislative |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   7-2   (3); SDWA   O. Reg. 170/03   7-2   (4);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |               |             |
| <b>Question:</b><br>Was secondary disinfectant residual tested as required for the large municipal residential distribution system?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Secondary disinfectant residual was tested as required.<br><br>Subsection 7-2 (3) and (4) of schedule 7, O.Reg.170/03 identifies that the owner of a large municipal residential system that provides secondary disinfection and the OA for the system shall ensure that at least seven distribution samples are taken each week and are tested immediately for free chlorine residual if the system provides chlorination. Records provided during the inspection indicate that the owner complied with these requirements, by conducting four (4) free chlorine residual tests for secondary disinfection monitoring purposes 2 days each week and at least 48 hours apart. |             |               |             |

| Question ID                                                                                                                                                                                                                                        | DWMR1030001 | Question Type | 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>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><br>Primary disinfection chlorine monitoring was conducted as required.                                                                                                          |             |               |             |

| Question ID                                                                                                                                                                                          | DWMR1032001 | 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 obtained water from a surface water source and provided filtration, was continuous monitoring of each filter effluent line performed for turbidity? |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Continuous monitoring of each filter effluent line was performed for turbidity.                                                |             |               |             |

| Question ID                                                                                                                                    | DWMR1035001 | Question Type | Legislative |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-5   (1)1-4;                                                                    |             |               |             |
| <b>Question:</b><br>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><br>Operators were examining continuous monitoring test results as required. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                     | DWMR1038001 | Question Type | Legislative |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-5   (1)1-4;                                                                                                                                                                                                                     |             |               |             |
| <b>Question:</b><br>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><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 and recording data with the prescribed format. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DWMR1037001 | Question Type | Legislative |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-5   (1)5-10; SDWA   O. Reg. 170/03   6-5   (1.1);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |             |
| <b>Question:</b><br>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><br>All required continuous monitoring equipment utilized for sampling and testing were equipped with alarms or shut-off mechanisms that satisfied the standards<br><br>The water treatment plant is equipped with continuous analyzers and alarms for free chlorine and turbidity. The low alarm set point for the treated water chlorine analyzer is 0.60 mg/L. The low low alarm set point for the treated water chlorine analyzer is 0.50 mg/L. When the low low set point is reached an OCWA operator is notified and the alarm sequence is triggered and the system locks out ceasing water production ensuring the system meets their CT |             |               |             |

requirements. The turbidity analyzer high alarm set point downstream of the filters is 0.30 NTU. The turbidity analyzer high high alarm set point downstream of the filters is 0.70 NTU. When reached an OCWA operator is notified the system alarm sequence is triggered and the filters are locked out ceasing water production and preventing any adverse conditions.

| Question ID                                                                                                                                                   | DWMR1040001 | 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>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><br>All continuous analysers were calibrated, maintained, and operated as required.         |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                              | DWMR1108001 | Question Type | Legislative |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-5   (1)5-10; SDWA   O. Reg. 170/03   6-5   (1.1);                                                                                                                                                                                                                                                                                        |             |               |             |
| <b>Question:</b><br>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><br>A qualified person responded as required and took appropriate actions.                                                                                                                                                                                                                                                             |             |               |             |

| Question ID                                                                                                                                                                                                                                                                  | DWMR1039001 | Question Type | Legislative |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-6   (3);                                                                                                                                                                                                     |             |               |             |
| <b>Question:</b><br>If primary disinfection equipment that does not use chlorination or chloramination was used, did the owner and operating authority ensure the equipment had a recording device that continuously recorded the performance of the disinfection equipment? |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>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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| Question ID                                                                                                                                                                                                                                                                                                                                        | DWMR1109001 | Question Type | Legislative |
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| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   1-6   (1); SDWA   O. Reg. 170/03   1-6   (2);                                                                                                                                                                                                                                        |             |               |             |
| <b>Question:</b><br>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><br>A certified operator responded as required and took appropriate actions.                                                                                                                                                                                                     |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DWMR1042001 | Question Type | Legislative |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |               |             |
| <b>Question:</b><br>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><br>All UV sensors were checked and calibrated as required.<br><br>Records provided by the OA identify that duty UV sensors were checked monthly against a reference UV sensor, with the calibration ratio (intensity measured with the duty sensor/intensity measured with the reference UV sensor) documented to be less than or equal to 1.2, in compliance with Schedule E of the MDWL. 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. |             |               |             |

| Question ID                                                                                                                            | DWMR1099001 | Question Type | Information |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>Not Applicable                                                                                   |             |               |             |
| <b>Question:</b><br>Do records show that water provided by the drinking water system met the Ontario Drinking Water Quality Standards? |             |               |             |

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

Records showed that all water sample results met the Ontario Drinking Water Quality Standards.

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                               | DWMR1083001 | Question Type | Legislative |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   10-3;                                                                                                                                                                                                                                                                                                                                                                                       |             |               |             |
| <b>Question:</b><br>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><br>Treated microbiological sampling requirements were met.<br><br>The owner of a drinking-water system and the OA for the system shall ensure that a water sample is taken at least once every week prior to the treated water entering the distribution subsystem and tested for:<br>(a) Escherichia coli;<br>(b) total coliforms; and,<br>(c) HPC.<br>This requirement has been met. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DWMR1081001 | Question Type | Legislative |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   10-2   (1); SDWA   O. Reg. 170/03   10-2   (2); SDWA   O. Reg. 170/03   10-2   (3);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |               |             |
| <b>Question:</b><br>Were distribution microbiological sampling requirements prescribed by Schedule 10-2 of O. Reg. 170/03 for large municipal residential systems met?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Distribution microbiological sampling requirements were met.<br><br>The owner of a large municipal residential drinking water system shall ensure that if the system serves a population of 100,000 or less, at least 8 distribution samples plus one for every thousand people served by the system are taken every month. At least one of the samples must be taken each week. As the Huron Woods DWS population is less than 100,000, a minimum of 8 samples must be collected from the distribution system monthly. These samples are required to be tested for E.Coli. and total coliform; and at least 25 percent of the samples are required to be tested for general bacteria populations expressed as colony counts on a heterotrophic plate count (HPC). Records indicate that the Owner is routinely collecting two distribution samples each week in order to comply with, and meet, the regulatory requirement. Each of those samples were tested for E.Coli., total coliform, and |             |               |             |

approximately one half of the samples were tested for general bacteria populations expressed as colony counts on a heterotrophic plate count. There were no concerns identified with the results obtained.

| Question ID                                                                                                                                      | DWMR1096001 | Question Type | Legislative |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   6-3   (1);                                                                         |             |               |             |
| <b>Question:</b><br>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><br>Records confirmed that chlorine residual tests were conducted as required. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DWMR1084001 | Question Type | Legislative |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13-2;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |               |             |
| <b>Question:</b><br>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><br>Inorganic parameter sampling requirements were met.<br><br>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 are to be collected every 12 months, if the system obtains water from a raw water supply that is surface water for each parameter listed in Schedule 23; this requirement has been met when the most recent samples were collected on January 9, 2024. There were no concerns identified from the results. |             |               |             |

| Question ID                                                                                                                                       | DWMR1085001 | Question Type | 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>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><br>Organic parameter sampling requirements were met.                           |             |               |             |

Sampling and testing for organic parameters has been conducted for the drinking water system in accordance with Schedule 13-4 of Ontario Regulation 170/03. The regulation requires that samples are to be collected every 12 months, if the system obtains water from a raw water supply that is surface water for each parameter listed in Schedule 24; this requirement has been met when the most recent samples were collected on January 9, 2024. There were no concerns identified with the sample results.

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DWMR1086001 | Question Type | 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><br>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><br>Haloacetic acid sampling requirements were met.<br><br>Section 13-6.1 (1) of Schedule 13, O.Reg.170/03 requires the Owner and the OA 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. The Ontario Drinking Water Quality Standard is a RAA concentration of 80 ug/L. Sampling occurred as required during the inspection review time period and there were no concerns identified with the sample results. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                      | DWMR1087001 | Question Type | Legislative |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>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);                                                    |             |               |             |
| <b>Question:</b><br>Were trihalomethane sampling requirements prescribed by Schedule 13-6 of O. Reg. 170/03 met?                                                                                                                                                                                                 |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Trihalomethane sampling requirements were met.<br><br>Section 13-6 of Schedule 13, O.Reg.170/03 requires the Owner and the OA 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. The standard for THMs is expressed as a Running Annual Average (RAA), where the RAA is defined as the average for quarterly THMs results for a DWS. The Ontario Drinking Water Quality Standard is a RAA concentration of 100 ug/L. Sampling occurred as required during the inspection review time period and there were no concerns identified with the sample results.

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DWMR1088001 | Question Type | Legislative |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13-7;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |               |             |
| <b>Question:</b><br>Were nitrate/nitrite sampling requirements prescribed by Schedule 13-7 of O. Reg. 170/03 met?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Nitrate/nitrite sampling requirements were met.<br><br>Section 13-7 of Schedule 13, O.Reg.170/03 requires the Owner and OA 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 occurred as required during the inspection review time period and there were no concerns identified with the sample results. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DWMR1089001 | Question Type | Legislative |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13-8;                                                                                                                                                                                                                                                                                                                                                                                                              |             |               |             |
| <b>Question:</b><br>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><br>Sodium sampling requirements were met.<br><br>Section 13-8 of Schedule 13, O.Reg.170/03 requires that the Owner and the OA ensure that a treated water sample is taken every 60 months and is tested for sodium. The Owner conducted sampling for sodium on January 6, 2022 and achieved a result of 7.57 mg/L, below the regulatory standard of 20 mg/L. The next sodium samples are due in January 2027. |             |               |             |

| Question ID                                                         | DWMR1090001 | Question Type | Legislative |
|---------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   13-9; |             |               |             |

**Question:**

Where fluoridation is not practiced, were fluoride sampling requirements prescribed by Schedule 13-9 of O. Reg. 170/03 met?

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

Fluoride sampling requirements were met.

Section 13-9 of Schedule 13, O.Reg.170/03 requires the Owner and the Operating Authority to ensure that at least one water sample is taken every 60 months and tested for Fluoride. The Owner last conducted Fluoride sampling on January 6, 2022 and achieved a result of 0.15 mg/l, below the regulatory standard of 1.5 mg/L. The next fluoride samples are due in January 2027.

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DWMR1094001 | Question Type | Legislative |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |               |             |
| <b>Question:</b><br>Were water quality sampling requirements imposed by the Municipal Drinking Water Licence and Drinking Water Works Permit met?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>Water quality sampling requirements were met.<br><br>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 discharged from the holding tank shall not exceed 25 mg/L and the annual average concentration of total chlorine residual shall not exceed 0.02 mg/L. Table 7 identifies that Backwash Wastewater Suspended Solids and total chlorine residual parameters shall be comprised of manual composite samples taken monthly at the point of discharge from the filter backwash tank. During the inspection review period this requirement has been met.<br>Based upon the inspection time period sample results provided, sampling occurred as required and the annual average concentration of Backwash Wastewater Total Suspended Solids and the annual average concentration of total chlorine residual met the requirements of Table 3 of the DWS MDWL. |             |               |             |

| Question ID                                                                                                                     | DWMR1060001 | Question Type | Legislative |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   31   (1);                                                                          |             |               |             |
| <b>Question:</b><br>Did the operations and maintenance manual(s) meet the requirements of the Municipal Drinking Water Licence? |             |               |             |

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

The operations and maintenance manual(s) met the requirements of the Municipal Drinking Water Licence.

| Question ID                                                                                                                                                                                                                                                                                                                         | DWMR1062001 | Question Type | Legislative |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 170/03   7-5;                                                                                                                                                                                                                                                                  |             |               |             |
| <b>Question:</b><br>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><br>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. |             |               |             |

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DWMR1071001 | Question Type | BMP |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-----|
| <b>Legislative Requirement(s):</b><br>Not Applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |               |     |
| <b>Question:</b><br>Did the owner provide security measures to protect components of the drinking water system?                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |               |     |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>The owner provided security measures to protect components of the drinking water system.<br><br>Perimeter fencing with a lockable access gate surrounds the pump house and treatment facility which has lockable doors and is equipped with an intruder alarm and signage restricting access to the site. All Wells are locked restricting unauthorized access. At the time of inspection, the OA reported no unauthorized access, vandalism and/or cyber security issues impacting the DWS. |             |               |     |

| Question ID                                                                                                                     | DWMR1073001 | Question Type | Legislative |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   23   (1);                                                         |             |               |             |
| <b>Question:</b><br>Was an overall responsible operator designated for all subsystems which comprise the drinking water system? |             |               |             |

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

An overall responsible operator was designated for all subsystem.

The overall responsible operator for the Foreman DWS is James Learn, with back-up being provided by Billy Shearer.

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

| Question ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DWMR1075001 | Question Type | Legislative |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|-------------|
| <b>Legislative Requirement(s):</b><br>SDWA   O. Reg. 128/04   22;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |               |             |
| <b>Question:</b><br>Were all operators certified as required?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |             |               |             |
| <b>Compliance Response(s)/Corrective Action(s)/Observation(s):</b><br>All operators were certified as required.<br><br>Operator certification is posted at the water treatment plant where the drinking water subsystems are managed. Operator certification was verified, and all operators were in possession of valid certificates.<br><br>Records provided for review identified that an OCWA OIT was working at the DWS alone at times, however, logs also identify that a designated OIC was available during these times to provide verbal or written direction to the OIT. |             |               |             |

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



## Ministry of the Environment, Conservation and Parks - Inspection Summary Rating Record (Reporting Year - 2024-25)

**DWS Name:** HURON WOODS DRINKING WATER SYSTEM

**DWS Number:** 220007775

**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:** Focused

**Compliance Assessment Start Date:** Nov-20-2024

**Ministry Office:** Owen Sound District Office

**Maximum Risk Rating: 496**

| Inspection Module              | Non Compliance Risk (X out of Y) |
|--------------------------------|----------------------------------|
| Capacity Assessment            | 0/30                             |
| Certification and Training     | 0/42                             |
| Logbooks                       | 0/14                             |
| Operations Manuals             | 0/14                             |
| Reporting & Corrective Actions | 0/42                             |
| Source                         | 0/14                             |
| Treatment Processes            | 0/228                            |
| Water Quality Monitoring       | 0/112                            |
| Overall - Calculated           | 0/496                            |

|                         |       |
|-------------------------|-------|
| Inspection Risk Rating: | 0.00% |
|-------------------------|-------|

|                                 |                |
|---------------------------------|----------------|
| <b>Final Inspection Rating:</b> | <b>100.00%</b> |
|---------------------------------|----------------|

|                                          |                                                      |
|------------------------------------------|------------------------------------------------------|
| <b>DWS Name:</b>                         | HURON WOODS DRINKING WATER SYSTEM                    |
| <b>DWS Number:</b>                       | 220007775                                            |
| <b>DWS Owner Name:</b>                   | THE CORPORATION OF THE TOWN OF SOUTH BRUCE PENINSULA |
| <b>Municipal Location:</b>               | SOUTH BRUCE PENINSULA                                |
| <b>Regulation:</b>                       | O.REG. 170/03                                        |
| <b>DWS Category:</b>                     | DW Municipal Residential                             |
| <b>Type of Inspection:</b>               | Focused                                              |
| <b>Compliance Assessment Start Date:</b> | Nov-20-2024                                          |
| <b>Ministry Office:</b>                  | Owen Sound District Office                           |

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

Maximum Question Rating: 496

|                         |       |
|-------------------------|-------|
| Inspection Risk Rating: | 0.00% |
|-------------------------|-------|

|                          |         |
|--------------------------|---------|
| FINAL INSPECTION RATING: | 100.00% |
|--------------------------|---------|