



OLIPHANT DRINKING WATER SYSTEM
7 FIDDLEHEAD LANE, SOUTH BRUCE PENINSULA, ON,
N0H 2T0

Inspection Report

System Number: 220007695

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

Inspection Start Date: 08/10/2022

Inspection End Date: 09/09/2022

Inspected By: Robert Graham

Badge #: 1667



(signature)

NON-COMPLIANCE/NON-CONFORMANCE ITEMS

This should not be construed as a confirmation of full compliance with all potential applicable legal requirement and 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	MRDW1001001	Question Type	Information
Question:			
What was the scope of this inspection?			
Legislative Requirement	Not Applicable		
Observation			
<p>The primary focus of this inspection is to confirm compliance with Ministry of the Environment, Conservation and Parks (MECP) legislation as well as evaluating conformance with ministry drinking water policies and guidelines during the inspection period. The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment, and distribution components as well as management practices.</p> <p>This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O. Reg. 170/03). This inspection has been conducted pursuant to Section 81 of the SDWA.</p> <p>This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.</p> <p>On August 10, 2022, Ministry of the Environment, Conservation and Parks (MECP) Provincial Officer Bob Graham conducted an unannounced detailed inspection of the Oliphant Drinking Water System (DWS). The Oliphant DWS is a Small Municipal Residential DWS owned by the Town of South Bruce Peninsula (Owner) and operated by the Ontario Clean Water Agency (OCWA/Operating Authority/OA). Assistance with the inspection was provided by Senior Operations Manager Leo-Paul Frigault, Process & Compliance Technician Karla Young, Operator Dan Caesar and Operator in Training Cole Hutchinson.</p> <p>At the time of the inspection drinking water was being transported from the Warton Water Treatment Plant to the pumphouse and the Oliphant DWS was operating as a storage reservoir and a re-chlorination station. Previous to the use of a transported water system, in an effort to reduce trihalomethanes (THMs) in the distribution system, the Oliphant water treatment plant switched to chloramination for secondary disinfection. The chloraminated water was stored in the clearwells and was also being used to backwash the filters. It</p>			

became apparent after the 2010/2011 MECP DWS inspection of the DWS that the use of chloraminated water to backwash the filters was interfering with the disinfection process. As the Owner could not demonstrate that adequate disinfection was being achieved the decision to use transported water from the Warton drinking water system was put in place and transported water continues at this time. Ontario Regulation 170/03 Section 5 Exemptions: residential systems gives Oliphant DWS relief from sampling nitrate and nitrite, sodium, fluoride, inorganic and organics while transporting water. During the inspection review period, from October 14, 2021, the day following the last inspection, to the date of inspection on August 10, 2022, there were no Adverse Water Quality Incidents (AWQIs) reported to the MECP Spills Action Centre.

Question ID	MRDW1000001	Question Type	Information
Question: Does this drinking water system provide primary disinfection?			
Legislative Requirement	Not Applicable		
Observation			
This Drinking Water System provides for both primary and secondary disinfection and distribution of water. Primary disinfection treatment equipment is installed however it is not in use. The Operating Authority currently re-chlorinates the transported water as needed.			

Question ID	MRDW1007001	Question Type	Legislative
Question: Is the owner maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials?			
Legislative Requirement	SDWA O. Reg. 170/03 1-2 (1);		
Observation			
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. At the time of the inspection the production wells were not in use and drinking water was being transported from the Warton Water Treatment Plant to the pumphouse and the Oliphant DWS was operating as a storage reservoir and a re-chlorination station. A visual assessment of the above-ground portions of the well(s) determined that the owner is maintaining the well(s) in a manner sufficient to prevent the entry of surface water and other foreign materials as prescribed in the Wells Regulation and Schedule 1 of O. Reg. 170/03.			

Question ID	MRDW1008001	Question Type	Legislative
Question: If there are municipal wells not being used as a raw water supply, is the owner maintaining the wells in a manner to prevent the entry of surface water and other foreign materials?			
Legislative Requirement	OWRA R.R.O. 1990, Reg. 903 21 (3);		
Observation			
The owner was maintaining the municipal wells not being used as a raw water supply in a manner to prevent the entry of surface water and other foreign materials.			

Question ID	MRDW1009001	Question Type	Legislative
Question: Are measures in place to protect the groundwater and/or GUDI source in accordance with any MDWL and DWWP issued under Part V of the SDWA?			
Legislative Requirement	SDWA 31 (1);		
Observation			
Measures were in place to protect the groundwater and/or GUDI source in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.			

Question ID	MRDW1010001	Question Type	BMP
Question: Are trends in source water quality being monitored?			
Legislative Requirement	Not Applicable		
Observation			
Trends in source water quality were being monitored.			

Question ID	MRDW1014001	Question Type	Legislative
Question: Is there sufficient monitoring of flow as required by the MDWL or DWWP issued under Part V of the SDWA?			
Legislative Requirement	SDWA 31 (1);		
Observation			

There was sufficient monitoring of flow as required by the Municipal Drinking Water Licence or Drinking Water Works Permit issued under Part V of the SDWA.

The Municipal Drinking Water Licence (MDWL) for the Oliphant DWS (Licence Number 094-105, Issue Number 5) requires monitoring and recording of flow rate and the daily volume of water conveyed into the treatment system and conveyed into the distribution system. Transported water is currently delivered directly into the clearwell so monitoring of flow rate into the treatment system is not necessary. The operating authority continues to monitor and record flow rate and the daily volume of water conveyed into the distribution system. The inspection time period water usage ranged from approximately 12 to 40 cubic metres per day.

Question ID	MRDW1015001	Question Type	Legislative
Question:			
Are the flow measuring devices calibrated or verified in accordance with the requirements of the MDWL issued under Part V of the SDWA?			
Legislative Requirement	SDWA 31 (1);		
Observation			
The flow measuring devices were calibrated or verified in accordance with the requirements of the MDWL issued under Part V of the SWDA.			

Question ID	MRDW1016001	Question Type	Legislative
Question:			
Is the owner in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the MDWL issued under Part V of the SDWA?			
Legislative Requirement	SDWA 31 (1);		
Observation			
The owner was in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the Municipal Drinking Water Licence issued under Part V of the SDWA.			
The MDWL for the Oliphant drinking water system requires monitoring and recording of flow rate and the daily volume of water conveyed into the treatment system and conveyed into the distribution system.			
Transported water is currently delivered directly into the clearwell so monitoring of flow rate into the treatment system is not necessary. The operating authority continues to monitor and record flow rate and the daily volume of water conveyed into the distribution system.			

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Question ID	MRDW1017000	Question Type	Legislative
Question:			
Were appropriate records of flows and any capacity exceedances made in accordance with the MDWL issued under Part V of the SDWA?			
Legislative Requirement	SDWA 31 (1);		
Observation			
Appropriate records of flows and any capacity exceedances were made in accordance with the Municipal Drinking Water Licence issued under Part V of the SDWA.			

Question ID	MRDW1013001	Question Type	Legislative
Question:			
Is the owner in compliance with all conditions of the PTTW?			
Legislative Requirement	OWRA 34 (3);		
Observation			
The owner was in compliance with all conditions of the PTTW.			

Question ID	MRDW1018001	Question Type	Legislative
Question:			
Has the owner ensured that all equipment is installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?			
Legislative Requirement	SDWA 31 (1);		
Observation			
The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.			
At the time of inspection the Oliphant DWS was receiving transported water from the Wiarton DWS. Selected equipment was maintained for operation including the high lift pumps, the reservoir/clearwell, the trim chlorination system, analyzers, SCADA system and the back-up power supply system.			

Question ID	MRDW1028001	Question Type	Legislative
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Question:	
Are up-to-date plans for the drinking water system kept in place, or made available in such a manner, that they may be readily viewed by all persons responsible for all or part of the operation of the drinking water system in accordance with the DWWP and MDWL issued under Part V of the SDWA?	
Legislative Requirement	SDWA 31 (1);
Observation	
Up-to-date plans for the drinking water system were kept in a place, or made available in such a manner, that they could be readily viewed by all persons responsible for all or part of the operation of the drinking water system in accordance with the DWWP and MDWL issued under Part V of the SDWA.	

Question ID	MRDW1114001	Question Type	Legislative
Question:			
Does the owner have evidence that, when required, all legal owners associated with the DWS were notified of the requirements of the Licence & Permit?			
Legislative Requirement	SDWA 31 (1);		
Observation			
The owner had evidence that required notifications to all legal owners associated with the Drinking Water System had been made during the inspection period.			

Question ID	MRDW1025001	Question Type	Legislative
Question:			
Were all parts of the drinking water system that came in contact with drinking water (added, modified, replaced or extended) disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?			
Legislative Requirement	SDWA 31 (1);		
Observation			
All parts of the drinking water system were disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit.			

Question ID	MRDW1027000	Question Type	Legislative
Question:			
Does the owner have evidence indicating that all chemicals and materials which come in			

contact with water within the drinking water system have met all applicable AWWA and ANSI standards in accordance with the DWWP and MDWL issued under Part V of the SDWA?	
Legislative Requirement	SDWA 31 (1);
Observation	
The owner had evidence indicating that all chemicals and materials that come in contact with water within the drinking water system met the AWWA and ANSI standards in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.	

Question ID	MRDW1024001	Question Type	Legislative
Question: Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated as required?			
Legislative Requirement	SDWA O. Reg. 170/03 1-2 (2);		
Observation			
Records confirmed that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated so that at all times and all locations in the distribution system the chlorine residual was never less than 0.05 mg/l free or 0.25 mg/l combined.			

Question ID	MRDW1036001	Question Type	Legislative
Question: Where continuous monitoring equipment is not used for chlorine residual analysis, are samples tested using an acceptable portable device?			
Legislative Requirement	SDWA O. Reg. 170/03 6-7 (1);		
Observation			
Samples for chlorine residual analysis were tested using an acceptable portable device.			

Question ID	MRDW1034001	Question Type	Legislative
Question: Is the secondary disinfectant residual measured as required for the small municipal residential distribution system?			
Legislative Requirement	SDWA O. Reg. 170/03 7-2 (5); SDWA O. Reg. 170/03		

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

Question ID	MRDW1049001	Question Type	BMP
Question:			
Do records confirm that disinfectant residuals are routinely checked at the extremities and dead ends of the distribution system?			
Legislative Requirement	Not Applicable		
Observation			
Records confirmed that disinfectant residuals were routinely checked at the extremities and dead ends of the distribution system.			

Question ID	MRDW1035001	Question Type	Legislative
Question:			
Are operators examining continuous monitoring test results and are they examining the results within 72 hours of the test?			
Legislative Requirement	SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10;		
Observation			
Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.			
The operators review the daily SCADA system at least every 72 hours and the operator conducting the review signs and dates the daily SCADA report.			

Question ID	MRDW1038001	Question Type	Legislative
Question:			
Is continuous monitoring equipment that is being utilized to fulfill O. Reg. 170/03 requirements performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format?			
Legislative Requirement	SDWA O. Reg. 170/03 6-5 (1)1-4;		
Observation			
Continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements was performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format.			

Question ID	MRDW1037001	Question Type	Legislative
Question:			
Are all continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or MDWL or DWWP or order, equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6?			
Legislative Requirement	SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10; SDWA O. Reg. 170/03 6-5 (1.1);		
Observation			
All continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, were equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6.			
The distribution water chlorine analyzer has a low, low alarm set point of 0.50 mg/L and a high, high alarm setpoint of 2.0 mg/L, which if triggered notifies operators via an alarm dialer and locks out the high lift pumps. Should the chlorine analyzer read 1.3 mg/L concentration in the clearwell(s) a trim chlorinator is activated to increase chlorine concentration in the clearwell(s).			

Question ID	MRDW1040000	Question Type	Legislative
Question:			
Are all continuous analysers calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation?			
Legislative Requirement	SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg.		

	170/03 6-5 (1)5-10;
Observation	
All continuous analysers were calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation.	

Question ID	MRDW1108001	Question Type	Legislative
Question:			
Where continuous monitoring equipment used for the monitoring of free chlorine residual, total chlorine residual, combined chlorine residual or turbidity, required by O. Reg. 170/03, an Order, MDWL, or DWWP issued under Part V, SDWA, has triggered an alarm or an automatic shut-off, did a qualified person respond in a timely manner and take appropriate actions?			
Legislative Requirement	SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10; SDWA O. Reg. 170/03 6-5 (1.1);		
Observation			
Where required continuous monitoring equipment used for the monitoring of chlorine residual and/or turbidity triggered an alarm or an automatic shut-off, a qualified person responded in a timely manner and took appropriate actions.			

Question ID	MRDW1099001	Question Type	Information
Question:			
Do records show that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03)?			
Legislative Requirement	Not Applicable		
Observation			
Records showed that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03).			

Question ID	MRDW1082001	Question Type	Legislative
Question:			
For SMR systems, are all microbiological water quality monitoring requirements for distribution samples prescribed by legislation being met?			

Legislative Requirement	SDWA O. Reg. 170/03 11-2 (1); SDWA O. Reg. 170/03 11-2 (2);
Observation	
<p>All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a small municipal residential system were being met.</p> <p>For SMR DWS, distribution bacteriological samples shall be taken:</p> <p>1) once every 2 weeks provided that the system is in compliance with Schedule 1 of O.Reg. 170/03,</p> <p>or</p> <p>2) one sample every week if the system does not meet the requirements of Schedule 1 of O. Reg.170/03.</p> <p>Each sample must be tested for EC + TC and, if secondary disinfection is provided, must also be tested for HPC.</p>	

Question ID	MRDW1096001	Question Type	Legislative
Question:			
Do records confirm that chlorine residual tests are being conducted at the same time and at the same location that microbiological samples are obtained?			
Legislative Requirement	SDWA O. Reg. 170/03 6-3 (1);		
Observation			
Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained.			

Question ID	MRDW1086001	Question Type	Legislative
Question:			
Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?			
Legislative Requirement	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);		
Observation			
All haloacetic acid water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.			
Section 13-6.1 (1)of Schedule 13, O.Reg.170/03 requires the Owner and the Operating			

Authority to ensure that at least one distribution sample is taken every 3 months from a point in the drinking water system's distribution system that is connected to the drinking water system, that is likely to have an elevated potential for the formation of Haloacetic Acids (HAA), 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 Haloacetic Acids is 80 ug/L, expressed as a Running Annual Average (RAA), where the RAA is defined as the average for quarterly HAA results for a drinking water system. The required sampling for the inspection period was completed and the RAA results were below the O. Reg. 169/03 standard of 80 ug/L.

Question ID	MRDW1087001	Question Type	Legislative
Question: Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?			
Legislative Requirement	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);		
Observation			
All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.			
Section 13-6 of Schedule 13, O.Reg.170/03 requires the Owner and the Operating Authority to ensure that at least one distribution sample is taken every 3 months from a point in the drinking water system's distribution system, or in plumbing that is connected to the drinking water system, 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 100 µg/L, expressed as a Running Annual Average (RAA), where the RAA is defined as the average for quarterly THM results for a drinking water system. The required sampling for the inspection time period was completed and the RAA results were below the O.Reg. 169/03 standard of 100 ug/L.			

Question ID	MRDW1092001	Question Type	Legislative
Question: Has the owner ensured that water samples are taken at the prescribed location?			
Legislative Requirement	SDWA O. Reg. 170/03 6-2;		

Observation
The owner ensured that water samples were taken at the prescribed location.

Question ID	MRDW1095001	Question Type	Legislative
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Question:
Have all lead sampling requirements prescribed by Schedule 15.1 of O. Reg. 170/03 been met?

Legislative Requirement	SDWA O. Reg. 170/03 15.1-10; SDWA O. Reg. 170/03 15.1-4 (1); SDWA O. Reg. 170/03 15.1-5 (1); SDWA O. Reg. 170/03 15.1-5 (10); SDWA O. Reg. 170/03 15.1-5 (11); SDWA O. Reg. 170/03 15.1-5 (12); SDWA O. Reg. 170/03 15.1-5 (2); SDWA O. Reg. 170/03 15.1-5 (3); SDWA O. Reg. 170/03 15.1-5 (4); SDWA O. Reg. 170/03 15.1-5 (5); SDWA O. Reg. 170/03 15.1-5 (6); SDWA O. Reg. 170/03 15.1-5 (7); SDWA O. Reg. 170/03 15.1-5 (8); SDWA O. Reg. 170/03 15.1-5 (9); SDWA O. Reg. 170/03 15.1-7 (1); SDWA O. Reg. 170/03 15.1-7 (2); SDWA O. Reg. 170/03 15.1-7 (3); SDWA O. Reg. 170/03 15.1-7 (4); SDWA O. Reg. 170/03 15.1-9 (1); SDWA O. Reg. 170/03 15.1-9 (2); SDWA O. Reg. 170/03 15.1-9 (3); SDWA O. Reg. 170/03 15.1-9 (4); SDWA O. Reg. 170/03 15.1-9 (5); SDWA O. Reg. 170/03 15.1-9 (6); SDWA O. Reg. 170/03 15.1-9 (7); SDWA O. Reg. 170/03 15.1-9 (8); SDWA O. Reg. 170/03 15.1-9 (9); SDWA O. Reg. 170/03 6-3 (1);
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Observation
All sampling requirements for lead prescribed by schedule 15.1 of O. Reg. 170/03 were being met.
The DWS qualifies for the plumbing exemption as per Ontario Regulation 170/03 Schedule 15.1-5 (9) (10). Two (2) distribution lead samples are only taken every 36 months during the sampling periods (i.e. 1 distribution sample per period). The most current set of samples was taken in 2021. The next set of samples will be taken in 2024. Alkalinity and pH samples were taken during the inspection time period as required.

Question ID	MRDW1098001	Question Type	Legislative
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Question:

Has the owner indicated that the required records are kept and will be kept for the required time period?	
Legislative Requirement	SDWA O. Reg. 170/03 13 (1); SDWA O. Reg. 170/03 13 (2); SDWA O. Reg. 170/03 13 (3);
Observation	
The owner indicated that the required records are kept and will be kept for the required time period.	

Question ID	MRDW1110001	Question Type	Legislative
Question: Was an Annual Report containing the required information prepared by February 28 of the following year?			
Legislative Requirement	SDWA O. Reg. 170/03 11 (6);		
Observation			
The Annual Report containing the required information was prepared by February 28th of the following year.			

Question ID	MRDW1111000	Question Type	Legislative
Question: Have Summary Reports for municipal council been completed on time, include the required content, and distributed in accordance with the regulatory requirements?			
Legislative Requirement	SDWA O. Reg. 170/03 22-2 (1); SDWA O. Reg. 170/03 22-2 (2); SDWA O. Reg. 170/03 22-2 (3); SDWA O. Reg. 170/03 22-2 (4);		
Observation			
Summary Reports for municipal council were completed on time, included the required content, and were distributed in accordance with the regulatory requirements.			

Question ID	MRDW1113000	Question Type	Legislative
Question: Have all changes to the system registration information been provided to the Ministry within ten (10) days of the change?			
Legislative Requirement	SDWA O. Reg. 170/03 10.1 (3);		
Observation			

All changes to the system registration information were provided within ten (10) days of the change.

Question ID	MRDW1046001	Question Type	BMP
Question:			
Is there a backflow prevention program, policy and/or bylaw in place that addresses cross connections and connections to high hazard facilities?			
Legislative Requirement	Not Applicable		
Observation			
There was a backflow prevention program, policy and/or bylaw in place.			

Question ID	MRDW1053001	Question Type	BMP
Question:			
Is the Owner able to maintain proper pressures in the distribution system and is pressure monitored to alert the operator of conditions which may lead to loss of pressure below the value under which the system is designed to operate?			
Legislative Requirement	Not Applicable		
Observation			
The owner was able to maintain proper pressures in the distribution system and pressure was monitored to alert the operator of conditions which may lead to loss of pressure below the value under which the system is designed to operate.			

Question ID	MRDW1048001	Question Type	BMP
Question:			
Has the owner implemented a program for the flushing of watermains as per industry standards?			
Legislative Requirement	Not Applicable		
Observation			
The owner had implemented a program for the flushing of watermains as per industry standards.			
OCWA has reported that, "The distribution system is flushed twice a week for 10 minutes alternating between two flushing points at either end to keep the residuals fresh and clean the system. This is done at a minimum of 48 hours apart. The two flushing points are #31			

Fiddlehead Lane Flush Line and #24 Laurdo Flush Line."

Question ID	MRDW1050001	Question Type	BMP
Question: Is there a program in place for inspecting and exercising valves?			
Legislative Requirement	Not Applicable		
Observation			
There was a program in place for inspecting and exercising valves. OCWA has reported that, "There are 5 valves in the distribution system that are exercised when the system is flushed."			

Question ID	MRDW1058001	Question Type	Legislative
Question: Do operators and maintenance personnel have ready access to operations and maintenance manuals?			
Legislative Requirement	SDWA O. Reg. 128/04 28;		
Observation			
Operators and maintenance personnel had ready access to operations and maintenance manuals.			

Question ID	MRDW1059000	Question Type	Legislative
Question: Do the operations and maintenance manuals contain plans, drawings and process descriptions sufficient for the safe and efficient operation of the system?			
Legislative Requirement	SDWA O. Reg. 128/04 28;		
Observation			
The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.			

Question ID	MRDW1060000	Question Type	Legislative
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Question: Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?	
Legislative Requirement	SDWA 31 (1);
Observation The operations and maintenance manuals met the requirements of the Drinking Water Works Permit and Municipal Drinking Water Licence issued under Part V of the SDWA.	

Question ID	MRDW1061001	Question Type	Legislative
Question: Are logbooks properly maintained and contain the required information?			
Legislative Requirement	SDWA O. Reg. 128/04 27 (1); SDWA O. Reg. 128/04 27 (2); SDWA O. Reg. 128/04 27 (3); SDWA O. Reg. 128/04 27 (4); SDWA O. Reg. 128/04 27 (5); SDWA O. Reg. 128/04 27 (6); SDWA O. Reg. 128/04 27 (7);		
Observation Logbooks were properly maintained and contained the required information.			

Question ID	MRDW1062001	Question Type	Legislative
Question: Do records or other record keeping mechanisms confirm that operational testing not performed by continuous monitoring equipment is being done by a certified operator, water quality analyst, or person who meets the requirements of O. Reg. 170/03 7-5?			
Legislative Requirement	SDWA O. Reg. 170/03 7-5;		
Observation Records or other record keeping mechanisms confirmed that operational testing not performed by continuous monitoring equipment was being done by a certified operator, water quality analyst, or person who suffices the requirements of O. Reg. 170/03 7-5.			

Question ID	MRDW1063000	Question Type	Legislative
Question: For every required operational test and for every required sample, is a record made of the date, time, location, name of the person conducting the test and result of the test?			
Legislative Requirement	SDWA O. Reg. 170/03 6-10 (1);		

Observation
For every required operational test and every required sample, a record was made of the date, time, location, name of the person conducting the test and result of the test.

Question ID	MRDW1064000	Question Type	Legislative
Question:			
Did the operator-in-charge ensure that records were maintained of all adjustments made to the processes within his or her responsibility?			
Legislative Requirement	SDWA O. Reg. 128/04 26 (2);		
Observation			
The operator-in-charge ensured that records were maintained of all adjustments made to the processes within his or her responsibility.			

Question ID	MRDW1065000	Question Type	Legislative
Question:			
Are logs and other record keeping mechanisms available for at least five (5) years?			
Legislative Requirement	SDWA O. Reg. 128/04 27 (6);		
Observation			
Logs or other record keeping mechanisms were available for at least five (5) years.			

Question ID	MRDW1066000	Question Type	BMP
Question:			
Is spill containment provided for process chemicals and standby power generator fuel?			
Legislative Requirement	Not Applicable		
Observation			
Spill containment was provided for process chemicals and/or standby power generator fuel.			

Question ID	MRDW1067000	Question Type	BMP
Question:			
Are clean-up equipment and materials in place for the clean up of spills?			
Legislative Requirement	Not Applicable		

Observation
Clean-up equipment and materials were in place for the clean up of spills.

Question ID	MRDW1068000	Question Type	BMP
Question: If available, are standby power generators tested under normal load conditions?			
Legislative Requirement	Not Applicable		
Observation			
Standby power generators were tested under normal load conditions.			

Question ID	MRDW1071000	Question Type	BMP
Question: Has the owner provided security measures to protect components of the drinking water system?			
Legislative Requirement	Not Applicable		
Observation			
The owner had provided security measures to protect components of the drinking water system.			
The pump house and treatment facility has lockable doors equipped with an intruder alarm. The drilled wells were locked and signage restricts access to the site. At the time of inspection there was no apparent visual evidence of unauthorized access and/or vandalism.			

Question ID	MRDW1072001	Question Type	BMP
Question: Has the owner and/or operating authority undertaken efforts to promote water conservation and reduce water losses in their system?			
Legislative Requirement	Not Applicable		
Observation			
The owner and/or operating authority undertook efforts to promote water conservation and reduce water losses in their system.			

Question ID	MRDW1073001	Question Type	Legislative
Question: Has the overall responsible operator been designated for all subsystems which comprise the drinking water system?			
Legislative Requirement	SDWA O. Reg. 128/04 23 (1);		
Observation			
The overall responsible operator had been designated for each subsystem.			
The overall responsible operator for the Oliphant DWS is James Learn, with back-up being provided by Andrew Bellamy.			

Question ID	MRDW1078001	Question Type	Legislative
Question: In instances where the overall responsible operator was unable to act, was an adequately certified operator designated to act in place of the overall responsible operator?			
Legislative Requirement	SDWA O. Reg. 128/04 23 (1); SDWA O. Reg. 128/04 23 (2); SDWA O. Reg. 128/04 23 (4); SDWA O. Reg. 128/04 23 (6); SDWA O. Reg. 128/04 23 (7);		
Observation			
An adequately licenced operator was designated to act in place of the overall responsible operator when the overall responsible operator was unable to act.			

Question ID	MRDW1074001	Question Type	Legislative
Question: Have operators-in-charge been designated for all subsystems for which comprise the drinking water system?			
Legislative Requirement	SDWA O. Reg. 128/04 25 (1);		
Observation			
Operators-in-charge had been designated for all subsystems which comprise the drinking water system.			

Question ID	MRDW1075001	Question Type	Legislative
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Question: Do all operators possess the required certification?	
Legislative Requirement	SDWA O. Reg. 128/04 22;
Observation All operators possessed the required certification.	

Question ID	MRDW1076001	Question Type	Legislative
Question: Do only certified operators make adjustments to the treatment equipment?			
Legislative Requirement	SDWA O. Reg. 170/03 1-2 (2);		
Observation Only certified operators made adjustments to the treatment equipment.			

Ministry of the Environment, Conservation and Parks - Inspection Summary Rating Record (Reporting Year - 2022-2023)

DWS Name: OLIPHANT DRINKING WATER SYSTEM
DWS Number: 220007695
DWS Owner: THE CORPORATION OF THE TOWN OF SOUTH BRUCE PENINSULA
Municipal Location: SOUTH BRUCE PENINSULA

Regulation: O.REG. 170/03
DWS Category: DW Municipal Residential
Type of Inspection: Detailed
Inspection Date: Aug-10-2022
Ministry Office: Owen Sound District Office

Maximum Risk Rating: 476

Inspection Module	Non Compliance Rating
Capacity Assessment	0 / 4
Treatment Processes	0 / 22
Operations Manuals	0 / 28
Logbooks	0 / 12
Reporting & Corrective Actions	0 / 8
Other Inspection Findings	0 / 402
Overall - Calculated	0 / 476

Inspection Risk Rating: 0.00%

Final Inspection Rating: 100.00%

Ministry of the Environment, Conservation and Parks - Detailed Inspection Rating Record (Reporting Year - 2022-2023)

DWS Name: OLIPHANT DRINKING WATER SYSTEM
DWS Number: 220007695
DWS Owner Name: THE CORPORATION OF THE TOWN OF SOUTH BRUCE PENINSULA
Municipal Location: SOUTH BRUCE PENINSULA

Regulation: O.REG. 170/03
DWS Category: DW Municipal Residential
Type of Inspection: Detailed
Inspection Date: Aug-10-2022
Ministry Office: Owen Sound District Office

All legislative requirements were met. No detailed rating scores.

Maximum Question Rating: 476

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