

Southwest Region

Région du Sud-Ouest

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January 13, 2023

**Sent by Email: [swatson@brockton.ca](mailto:swatson@brockton.ca)**

Municipality of Brockton  
100 Scott Street, Box 68  
Walkerton, Ontario  
N0G 2V0

Attention: Ms. Watson, CAO

Re: 2022/2023 Inspection Report #1-110936164  
Lake Rosalind Drinking Water System  
Drinking Water Licence 081-102 Issue 3  
Drinking Water Works Permit 081-202, Issue 3

The enclosed report documents findings of the inspection that was performed on November 23, 2022.

Two sections of the report, namely “Actions Required” and “Recommended Actions”, specify due dates for the submission of information or plans to my attention. Please note that “Actions Required” are linked to incidents of non-compliance with regulatory requirements contained within an Act, a Regulation, or site-specific approvals, orders or instructions; “Recommended Actions” convey information that the owner or operating authority should consider implementing in order to conform with existing and emerging industry standards.

The report includes an Inspection Summary Rating Record as an appendix, which will be forwarded to you in the near future. This record forms part of the ministry’s comprehensive, risk-based inspection process. The rating provides a quantitative measure of the inspection results for this specific drinking water system for the reporting year. An inspection rating that is less than 100 per cent does not mean that the drinking water from the system is unsafe. The primary goals of this assessment are to encourage ongoing improvement of drinking water systems and to measure this progress from year to year.

I would like to remind you that Section 19 of the Safe Drinking Water Act, 2002 (Standard of Care) creates a number of obligations for individuals who exercise decision-making authority over municipal drinking water systems, including members of municipal councils. “Taking Care of Your Drinking Water: A guide for members of municipal council”, a publication found on the [Drinking Water Ontario website](http://www.ontario.ca/environment-and-energy/municipal-drinking-water-ontario-website) ([http://www.ontario.ca/environment-and-energy/municipal-](http://www.ontario.ca/environment-and-energy/municipal-drinking-water-ontario-website)

drinking-water-systems-licencing-registration-and-permits), provides further information about these obligations.

Should you have any questions regarding the content of the enclosed report, please do not hesitate to contact me.

Yours truly,

A handwritten signature in black ink, appearing to read "Rhonda Shannon", with a long horizontal flourish extending to the right.

Rhonda Shannon

Water Compliance Inspector

Phone: 226-668-5873

e-mail: Rhonda.shannon@ontario.ca

Enclosure

cc: Dr. Ian Arra, Medical Officer of Health, Grey-Bruce Health Unit  
Nicholas Schnurr, Director of Operations, Municipality of Brockton  
Nancy Guest, Administrative Assistant, Source Protection Program Branch  
Scott Gowan, Project Manager/ORO, Veolia  
John Ritchie, District Manager, Ministry of Environment, Conservation & Parks

c: File SI-BR-BR-C3-540 (2022)





LAKE ROSALIND DRINKING WATER SYSTEM  
LAKE ROSALIND ROAD 4, BROCKTON, ON,  
**Inspection Report**

System Number: 220007800

Entity: THE CORPORATION OF THE  
MUNICIPALITY OF BROCKTON  
VEOLIA WATER CANADA INC.

Inspection Start Date: 11/22/2022

Inspection End Date: 01/12/2023

Inspected By: Rhonda Shannon

Badge #: 1237



(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
<b>Question:</b> What was the scope of this inspection?			
<b>Legislative Requirement</b>	Not Applicable		
<b>Observation</b>  The primary focus of this inspection is to confirm compliance with Ministry of the Environment, Conservation and Parks (MECP) legislation as well as evaluating conformance with ministry drinking water policies and guidelines during the inspection period. The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment, and distribution components as well as management practices.  This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O. Reg. 170/03). This inspection has been conducted pursuant to Section 81 of the SDWA.  This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.  A drinking water inspection was conducted on November 23, 2022 at the Lake Rosalind drinking water facility to assess compliance with Ministry legislation and guidelines.  The Municipality of Brockton owns the drinking water system and Veolia Water Canada currently operates the facility, located at 442 Lake Rosalind Rd. #4, Community of Lake Rosalind. This inspection covers the time period of October 21, 2021 to November 21, 2022 and includes a review of Ministry files, plant operating data and a detailed assessment of compliance with the terms and conditions of all MECP authorizing documents.  The physical inspection included a tour of the facility and was conducted with Bailey McGarrity, QMS Representative/Operator.			

Question ID	MRDW1000001	Question Type	Information
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<b>Question:</b>	
Does this drinking water system provide primary disinfection?	
<b>Legislative Requirement</b>	Not Applicable
<b>Observation</b>	
This Drinking Water System provides for both primary and secondary disinfection and distribution of water.	
Primary disinfection is achieved through cartridge filtration and chlorination.	

<b>Question ID</b>	MRDW1018001	<b>Question Type</b>	Legislative
<b>Question:</b>			
Has the owner ensured that all equipment is installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?			
<b>Legislative Requirement</b>	SDWA   31   (1);		
<b>Observation</b>			
The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.			

<b>Question ID</b>	MRDW1025001	<b>Question Type</b>	Legislative
<b>Question:</b>			
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?			
<b>Legislative Requirement</b>	SDWA   31   (1);		
<b>Observation</b>			
All parts of the drinking water system were disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit.			

<b>Question ID</b>	MRDW1024001	<b>Question Type</b>	Legislative
<b>Question:</b>			
Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated as required?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   1-2   (2);		

<b>Observation</b>
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.
According to the log sheets provided, chlorine residuals in the distribution system continue to be greater than 0.05 mg/L free chlorine at all times.

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

Question ID	MRDW1035001	Question Type	Legislative
<b>Question:</b> 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;		
<b>Observation</b> Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.			

<b>Question ID</b>	MRDW1037001	<b>Question Type</b>	Legislative
<b>Question:</b>			
Are all continuous monitoring equipment utilized for sampling and testing required by O.			



Reg. 170/03, or MDWL or DWWP or order, equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6?	
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   6-5   (1)1-4; SDWA   O. Reg. 170/03   6-5   (1)5-10; SDWA   O. Reg. 170/03   6-5   (1.1);
<b>Observation</b>	
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.	
Continuous monitoring results from daily sheets and on-screen trending remains to be reviewed daily by the operator and recorded in the logbook.	

Question ID	MRDW1040000	Question Type	Legislative
<b>Question:</b> 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;		
<b>Observation</b>  All continuous analysers were calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation.  Verification of the online chlorine analyzer is completed most days with a handheld colorimeter. Tolerance ranges greater than 5% were found to be re-calibrated. The turbidimeter is also verified at least once per week with a handheld turbidimeter to a tolerance range of 10%.  As well, the flow meters were calibrated by SPD Sales Limited on May 16, 2022, with follow-up on November 15, 2022.			

<b>Question ID</b>	MRDW1108001	<b>Question Type</b>	Legislative
<b>Question:</b> Where continuous monitoring equipment used for the monitoring of free chlorine residual, total chlorine residual, combined chlorine residual or turbidity, required by O. Reg. 170/03, an Order, MDWL, or DWWP issued under Part V, SDWA, has triggered an alarm or an automatic shut-off, did a qualified person respond in a timely manner and take appropriate actions?			

<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   6-5   (1)1-4; SDWA   O. Reg. 170/03   6-5   (1)5-10; SDWA   O. Reg. 170/03   6-5   (1.1);
<b>Observation</b>	
<p>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.</p> <p>A review of logbook entries for this inspection time period indicates that appropriate actions and timelines were followed.</p>	

Question ID	MRDW1034001	Question Type	Legislative
<b>Question:</b>  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);		
<b>Observation</b>  The secondary disinfectant residual was measured as required for the small municipal residential distribution system.  Distribution chlorine residuals were found to be measured on most weekdays, which meets and exceeds the sampling requirements for this system.			

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

<b>Question ID</b>	MRDW1082001	<b>Question Type</b>	Legislative
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<b>Question:</b>	
For SMR systems, are all microbiological water quality monitoring requirements for distribution samples prescribed by legislation being met?	
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   11-2   (1); SDWA   O. Reg. 170/03   11-2   (2);
<b>Observation</b>	
All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a small municipal residential system were being met.	

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
<b>Question:</b>			
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);		
<b>Observation</b>			
All haloacetic acid water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.			
Haloacetic acid (HAA) monitoring is being conducted in conjunction with THM sampling; the following were the sample dates within this time period reviewed.			
<ul style="list-style-type: none"><li>- January 11, 2022 (15.8 ug/L),</li><li>- April 12, 2022 (14 ug/L),</li><li>- July 12, 2022 (5.3 ug/L), and</li><li>- October 11, 2022 (5.4 ug/L).</li></ul>			

The Ontario Drinking Water Quality Standard (ODWQS) for haloacetic acids came into force on January 1, 2020 and is expressed as a running average of quarterly results. The current rolling average is 10.13 ug/L, which is well below the ODWQS of 80 ug/L.

Question ID	MRDW1087001	Question Type	Legislative
<b>Question:</b> Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   13-6   (1); SDWA   O. Reg. 170/03   13-6   (2); SDWA   O. Reg. 170/03   13-6   (3); SDWA   O. Reg. 170/03   13-6   (4); SDWA   O. Reg. 170/03   13-6   (5); SDWA   O. Reg. 170/03   13-6   (6);		
<b>Observation</b> All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.  Trihalomethanes were sampled on the following dates within the time period reviewed: - January 11, 2022 (25 ug/L), - April 12, 2022 (24 ug/L), - July 12, 2022 (15 ug/L), and - October 11, 2022 (23 ug/L).  The current rolling average is therefore calculated to be 21.75 ug/L at this time, which is similar to that of the last inspection period but well below the ODWQS of 100 ug/L.			

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

Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?	
<b>Legislative Requirement</b>	SDWA   31   (1);
<b>Observation</b>	
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.	
A copy of the current OM manual is available electronically at all facilities and a hard copy is kept at the Veolia office.	

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
<b>Question:</b> 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;		
<b>Observation</b> 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.  The logbooks show that only certified Operators conducted operational testing at this facility during the time period reviewed.			

<b>Question ID</b>	MRDW1071000	<b>Question Type</b>	BMP
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<b>Question:</b>	
Has the owner provided security measures to protect components of the drinking water system?	
<b>Legislative Requirement</b>	Not Applicable
<b>Observation</b>	
The owner had provided security measures to protect components of the drinking water system.	
The pump house remains equipped with a security keyed steel entry door with access restricted to Veolia and municipal staff; there is also prominent signage at Well #3.	

Question ID	MRDW1073001	Question Type	Legislative
<b>Question:</b>			
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);		
<b>Observation</b>			
The overall responsible operator had been designated for each subsystem.			
The ORO for this facility continues to be designated as Scott Gowan and backup ORO as Steve Rowe.			

Question ID	MRDW1074001	Question Type	Legislative
<b>Question:</b> 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);		
<b>Observation</b> Operators-in-charge had been designated for all subsystems which comprise the drinking water system.  The OIC continues to be designated and recorded daily in the logbook.			

<b>Question ID</b>	MRDW1075001	<b>Question Type</b>	Legislative
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<b>Question:</b> Do all operators possess the required certification?	
<b>Legislative Requirement</b>	SDWA   O. Reg. 128/04   22;
<b>Observation</b>  All operators possessed the required certification.  The Operating Authority is reminded that a few licenses expire early in 2023.	

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

Question ID	MRDW1007001	Question Type	Legislative
<b>Question:</b> 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);		
<b>Observation</b>  The owner was maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials.  A review of the raw water test results during this inspection period shows a periodic presence of total coliforms (from 1 cfu/100 mL to 220 cfu/100 mL) in Well #1. There were no instances of E. coli detection in either well.  Continued physical well inspections and ongoing preventative maintenance remain recommendations to ensure integrity of the drinking water source.			

<b>Question ID</b>	MRDW1009001	<b>Question Type</b>	Legislative
<b>Question:</b> Are measures in place to protect the groundwater and/or GUDI source in accordance with			

any MDWL and DWWP issued under Part V of the SDWA?	
<b>Legislative Requirement</b>	SDWA   31   (1);
<b>Observation</b>	
<p>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.</p> <p>Contingency plans continue to be reviewed, updated and added as necessary for the protection of the groundwater and GUDI source.</p>	

Question ID	MRDW1014001	Question Type	Legislative
<b>Question:</b> 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);		
<b>Observation</b> 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.			

Question ID	MRDW1016001	Question Type	Legislative
<b>Question:</b> 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);		
<b>Observation</b>  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.  DWS Licence No. 081-102, Issue No. 3 authorizes a total of 115 m3/day of water takings.  There were neither flow exceedances nor flow monitoring anomalies found in the data reviewed. The maximum daily flow rate occurred in July 2022 with 46 m3 of water used, which represents approximately 40% of the rated capacity allowed in the Licence.  Of note, PTTW #8774-9M9RQY for this facility expires on July 31, 2024.			



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Question ID	MRDW1023001	Question Type	Legislative
<b>Question:</b> Do records indicate that the treatment equipment was operated in a manner that achieved the design capabilities required under Ontario Regulation 170/03 or a DWWP and/or MDWL issued under Part V of the SDWA at all times that water was being supplied to consumers?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   1-2   (2);		
<b>Observation</b> Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities required under O. Reg. 170/03 or a Drinking Water Works Permit and/or Municipal Drinking Water Licence issued under Part V of the SDWA at all times that water was being supplied to consumers.  As stated, primary disinfection is achieved through cartridge filtration and chlorination. The minimum log removal and inactivation outlined in Schedule E of Licence #081-102, Issue No. 3 for this facility is a 2-log removal of Cryptosporidium Oocysts, 3-log inactivation of Giardia Cysts and 4 log inactivation of viruses.  The equivalent minimum chlorine residual necessary to meet these requirements (CT) and therefore primary disinfection, has been determined to be 0.50 mg/L.  Based on the records reviewed, this facility met current primary treatment requirements at all times during this inspection period.			

Question ID	MRDW1030000	Question Type	Legislative
<b>Question:</b> Is primary disinfection chlorine monitoring being conducted at a location approved by MDWL and/or DWWP issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   7-2   (1); SDWA   O. Reg. 170/03   7-2   (2);		
<b>Observation</b> Primary disinfection chlorine monitoring was conducted at a location approved by Municipal Drinking Water Licence and/or Drinking Water Works Permit issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved.			

Question ID	MRDW1084001	Question Type	Legislative
<b>Question:</b> Are all inorganic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   13-2;		
<b>Observation</b> All inorganic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.  Inorganic sampling for parameters of Schedule 23, O.Reg. 170 is required every sixty (60) months. The most current sample event occurred on February 20, 2018 and all sample results were within the prescribed limits.  The Operating Authority is reminded that the next sample date is February 2023.			

Question ID	MRDW1088000	Question Type	Legislative
<b>Question:</b> Are all nitrate/nitrite water quality monitoring requirements prescribed by legislation conducted within the required frequency for the DWS?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   13-7;		
<b>Observation</b> All nitrate/nitrite water quality monitoring requirements prescribed by legislation were conducted within the required frequency for the DWS.  Nitrate and nitrite samples were found to be taken every three (3) months from this drinking water system. The sample dates were as follows: - January 11, 2022, - April 12, 2022, - July 12, 2022, and - October 11, 2022.			

Question ID	MRDW1089000	Question Type	Legislative
<b>Question:</b> Are all sodium water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
<b>Legislative Requirement</b>		SDWA   O. Reg. 170/03   13-8;	

## Observation

All sodium water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Sodium sampling is required every sixty (60) months and the most current sodium sample date was October 16 and October 30, 2018 with results of 25.1 and 27.3 mg/L respectively. These are above the O.Reg. 170/03 reporting limit of 20.0 mg/L.

The Grey Bruce Health Unit was notified of the exceedance under AWQI#143814 and all applicable corrective actions were taken. The Municipality distributed letters from the Health Unit to all residents outlining the health effects with the December 2018 water bills.

The Operating Authority is reminded that the next reportable sample date will be in 2023.

Question ID	MRDW1090000	Question Type	Legislative
<b>Question:</b>			
Where fluoridation is not practiced, are all fluoride water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Legislative Requirement	SDWA   O. Reg. 170/03   13-9;		
<b>Observation</b>			
All fluoride water quality monitoring requirements prescribed by legislation were conducted within the required frequency.			
Fluoride sampling is required every sixty (60) months. The last sample event reported was on October 16, 2018 with a result of 0.10 mg/L, which is within the prescribed limits of 1.5 mg/L.			
The Operating Authority is reminded that the next 60-month sample will be required in 2023.			

Question ID	MRDW1085001	Question Type	Legislative
<b>Question:</b> Are all organic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Legislative Requirement	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>Observation</b>			

All organic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Organic sampling for parameters of Schedule 24, O.Reg. 170 is required every sixty (60) months. The most current sample event occurred on February 20, 2018 and all sample results were within the prescribed limits.

The Operating Authority is reminded that the next sample date is February 2023.



**Ministry of the Environment, Conservation and Parks  
Drinking Water Inspection Report**

**APPENDIX A**

**STAKEHOLDERS**

# Key Reference and Guidance Material for Municipal Residential Drinking Water Systems

Many useful materials are available to help you operate your drinking water system. Below is a list of key materials owners and operators of municipal residential drinking water systems frequently use.

To access these materials online click on their titles in the table below or use your web browser to search for their titles. Contact the Ministry if you need assistance or have questions at 1-866-793-2588 or [waterforms@ontario.ca](mailto:waterforms@ontario.ca).

For more information on Ontario's drinking water visit [www.ontario.ca/drinkingwater](http://www.ontario.ca/drinkingwater)



PUBLICATION TITLE	PUBLICATION NUMBER
<b>FORMS:</b> Drinking Water System Profile Information Laboratory Services Notification Adverse Test Result Notification	012-2149E 012-2148E 012-4444E
Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils	Website
Procedure for Disinfection of Drinking Water in Ontario	Website
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids	Website
Filtration Processes Technical Bulletin	Website
Ultraviolet Disinfection Technical Bulletin	Website
Guide for Applying for Drinking Water Works Permit Amendments, & License Amendments	Website
Certification Guide for Operators and Water Quality Analysts	Website
Guide to Drinking Water Operator Training Requirements	9802E
Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption	Website
Drinking Water System Contact List	7128E01
Ontario's Drinking Water Quality Management Standard - Pocket Guide	Website
Watermain Disinfection Procedure	Website
List of Licensed Laboratories	Website

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

De nombreux documents utiles peuvent vous aider à exploiter votre réseau d'eau potable. Vous trouverez ci-après une liste de documents que les propriétaires et exploitants de réseaux résidentiels municipaux d'eau potable utilisent fréquemment. Pour accéder à ces documents en ligne, cliquez sur leur titre dans le tableau ci-dessous ou faites une recherche à l'aide de votre navigateur Web. Communiquez avec le ministère au 1-866-793-2588, ou encore à [waterforms@ontario.ca](mailto:waterforms@ontario.ca) si vous avez des questions ou besoin d'aide.



Pour plus de renseignements sur l'eau potable en Ontario, consultez le site [www.ontario.ca/eaupotable](http://www.ontario.ca/eaupotable)

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Renseignements sur le profil du réseau d'eau potable	012-2149F
Avis de demande de services de laboratoire	012-2148F
Avis de résultats d'analyse insatisfaisants et de règlement des problèmes	012-4444F
Prendre soin de votre eau potable - Un guide destiné aux membres des conseils municipaux	Site Web
Marche à suivre pour désinfecter l'eau potable en Ontario	Site Web
Stratégies pour minimiser les trihalométhanes et les acides haloacétiques de sous-produits de désinfection	Site Web
Filtration Processes Technical Bulletin (en anglais seulement)	Site Web
Ultraviolet Disinfection Technical Bulletin (en anglais seulement)	Site Web
Guide de présentation d'une demande de modification du permis d'aménagement de station de production d'eau potable	Site Web
Guide sur l'accréditation des exploitants de réseaux d'eau potable et des analystes de la qualité de l'eau de réseaux d'eau potable	Site Web
Guide sur les exigences relatives à la formation des exploitants de réseaux d'eau potable	9802F
Échantillonnage et analyse du plomb dans les collectivités : échantillonnage normalisé ou réduit et admissibilité à l'exemption	Site Web
Liste des personnes-ressources du réseau d'eau potable	Site Web
L'eau potable en Ontario - Norme de gestion de la qualité - Guide de poche	Site Web
Procédure de désinfection des conduites principales	Site Web
Laboratoires autorisés	Site Web



**Ministry of the Environment, Conservation and Parks  
Drinking Water Inspection Report**

**APPENDIX B**

**INSPECTION SUMMARY RATING RECORD  
(to follow)**