

Ministry of the Environment,
Conservation & Parks

Ministère de l'Environnement, de la Protection de
la nature et des Parcs

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February 5, 2024

Sent by Email: clerk@southbruce.ca

The Corporation of the Municipality of South Bruce
21 Gordon Street East
Teeswater, Ontario
N0G 2S0

Attention: Leanne Martin
CAO/Clerk

Dear Ms. Martin:

Re: 2023/2024 Inspection Report
Teeswater Drinking Water System
Drinking Water Licence 095-102, Issue #4
Drinking Water Works Permit 095-202, Issue #5

Please find enclosed the Drinking Water System Inspection Report for the Teeswater Drinking Water System (DWS# 220002618). This year's inspection was conducted on November 24, 2023.

Section 19 of the Safe Drinking Water Act (Standard of Care) creates a number of obligations for individuals who exercise decision-making authority over municipal drinking water systems. Please be aware that the Ministry has encouraged such individuals, particularly municipal councilors, to take steps to be better informed about the drinking water systems over which they have decision making authority. These steps could include asking for a copy of this inspection report and a review of its findings. Further information about Section 19 can be found in "*Taking Care of Your Drinking Water: A guide for members of municipal council*" found on the Drinking Water Ontario website at www.ontario.ca/drinkingwater.

In order to measure individual inspection results, the Ministry has established an inspection compliance risk framework based on the principles of the Inspection, Investigation & Enforcement (II&E) Secretariat and advice of internal/external risk experts. The Inspection

Summary Rating Record (IRR) provides the Ministry, the system owner, and the local Public Health Units with a summarized quantitative measure of the drinking water system's annual inspection and regulated water quality testing performance. The IRR for each drinking water system is published in the Ministry's Chief Drinking Water Inspector's Annual Report.

Also enclosed is the Ministry's guidance document that describes the risk rating methodology which has been applied to the findings of the Ministry's municipal residential drinking water system inspection results. If you have any questions or concerns regarding the rating, please contact John Ritchie, District Manager, at (519) 377-1058.

Likewise, if you have any questions or concerns regarding this report, please call me at (519) 374-0231.

Yours truly,



Heather Lovely

Water Compliance Inspector

Phone: 519-374-0231

e-mail: heather.lovely@ontario.ca

Enclosure

ec: - Dr. Ian Arra, Medical Officer of Health, Grey-Bruce Health Unit
- Andrew Barton, Environmental Health Manager, Grey-Bruce Health Unit
- Stu Moffat, Operations Manager, Municipality of South Bruce
- Scott Gowan, Project Manager, Veolia Water Canada
- Bailey McGarrity, QMS Representative, Veolia Water Canada
- Nancy Guest, Administrative Assistant, Saugeen Valley Conservation Authority
- John Ritchie, District Manager, Owen Sound District Office, Ministry of the Environment, Conservation & Parks

c: File SI-BR-ST-HI-540 (2023)

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Drinking Water System Inspection Results

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TEESWATER DRINKING WATER SYSTEM
12 HILLCREST ST E, SOUTH BRUCE, ON, N0G 2S0
INSPECTION REPORT

System Number: 220002618

Entity: THE CORPORATION OF THE
MUNICIPALITY OF SOUTH
BRUCE
VEOLIA WATER CANADA INC.

Inspection Start Date: November 24, 2023

Inspection End Date: February 02, 2024

Inspected By: Heather Lovely

Badge #: 1680



(signature)

NON-COMPLIANCE

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

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

RECOMMENDATIONS

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

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

INSPECTION DETAILS

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

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

Question ID	DWMR1001000	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: What was the scope of this inspection?			
Compliance Response(s)/Corrective Action(s)/Observation(s): <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 November 24, 2023, Heather Lovely met with Veolia Water Canada operator Malcolm Cormack to conduct an inspection of the Teeswater Drinking Water System (DWS). The site inspection included the treatment equipment and the diesel generator located in the pump house, as well as the production wellhead, located in a separate out-building from the pump house.</p> <p>The Teeswater DWS is in the Municipality of South Bruce and Veolia Water Canada is the Operating Authority of the drinking water system on behalf of the municipality (owner). The inspection period for this report is from the date of the last inspection, November 17, 2022, to the date of the current inspection, November 24, 2023.</p>			

Question ID	DWMR1000000	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: Does this drinking water system provide primary disinfection?			

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

This drinking water system provides for both primary and secondary disinfection and distribution of water.

This DWS has one water treatment site at the pump house for one artesian production well and uses sodium hypochlorite to provide primary disinfection of groundwater.

Question ID	DWMR1007000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (1);			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): 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.			
<p>The production well was secure and maintained in a locked building in a manner sufficient to prevent entry into the well of surface water and other foreign materials. The Well Record (1408942) shows the well was drilled to 280 ft. through limestone in July 1996 and has steel casing with annular grout (neat cement) to 85 ft. The artesian condition of the well is checked regularly.</p> <p>A review of almost 14 years of raw water test results (n=1458) indicates little influence of surface water on the groundwater source, since there were two instances in which E. coli was detected and three instances in which total coliforms (0.4% of samples). Most recently these parameters were detected in raw water that was sampled on October 10, 2017, both with a concentration of 1 cfu/100 mL.</p>			

Question ID	DWMR1009000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): 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.			

Conditions 16.2.8, 16.2.9 and 16.2.10 of Schedule B of Municipal Drinking Water Licence 095-101, Issue 4 prescribe that the Teeswater DWS Operations and Maintenance Manual must include a well inspection and maintenance program that includes the following:

- An inspection schedule for all wells associated with the drinking water system, including all production wells, stand-by wells, test wells and monitoring wells;
- Well inspection and maintenance procedures for the entire well structure of each well including all above and below grade well components; and
- Remedial action plans for situations where an inspection indicates non-compliance with respect to regulatory requirements and/or risk to raw well water quality.

The Teeswater DWS Operations and Maintenance Manual includes a "Well Description and Inspection Schedule", section OMSB-TWS-H-06, which states the following.

"The well is inspected at a minimum of once per month to verify that the well is artesian (this is typically checked daily). Also, on a monthly basis an above grade inspection of the well head is completed by the operations staff. Bacteriological samples are collected on a weekly basis and sent to an accredited lab for analysis. The raw water turbidity is checked on a weekly basis. Following consultations with Well Technicians it has been determined that a below grade inspection of the artesian well could occur. However, since there is no second well or water storage the inspection would likely result in a disruption to the town's water supply. Therefore, inspections are conducted on an as needed basis. The Operating Authority monitors the Raw Water Quality information to verify that the water source remains secure. This information is summarized in the Annual Summary Report that is provided to South Bruce. Also included in this summary is a recommendation on whether a below grade well inspection is advised. The Municipality is currently in the process of investigating the possibility of adding a second well and a water storage facility. If the Municipality adds one or both of these options the below grade well inspection could be undertaken without disrupting the towns water supply. Based on the reduced risk more frequent below grade well inspections could then take place."

The Operating Authority summarized the raw water quality results in the 2022 Summary Compliance Report and included the following statements. "Based on this information [microbiological and turbidity data] it does not appear that a below grade inspection of the well is required at this time."

The owner is working towards installing water storage in the distribution system, e.g., a water tower and drilling a production well. Once one of these projects is finalised a below grade well inspection of the only current Teeswater production well can be more easily completed.

The ministry recommends that the historical (e.g., 10 years) raw water quality data is included in the Compliance Report for comparison purposes, e.g., mean values reported with variance.

Question ID	DWMR1014000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question:			

Is there sufficient monitoring of flow as required by the MDWL or DWWP issued under Part V of the SDWA?

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

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.

Flow measurement conditions 2.1.1 and 2.1.2 (Schedule C) of the MDWL (095-102, Issue 4) state flow rate and volume of water into the treatment subsystem and into the distribution subsystem must be recorded daily. This is a flow-through system with an artesian well and one flow meter measures the raw water flow rate into the treatment system. The total volume of water produced each day (m3/day) is recorded on the Daily Reports.

Question ID	DWMR1016000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): 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 (095-102, Issue 4) does not stipulate a maximum flow rate, however, the rated capacity is established as 2160 m3/day. The Daily Reports were reviewed for the inspection period and there were no exceedances of rated capacity within the inspection period.			

Question ID	DWMR1018000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Has the owner ensured that all equipment is installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.			
There was a recent change to the DWS and Schedule C, Issue 1 of Drinking Water Works Permit (095-202, Issue 5) was issued on January 28, 2022, to address replacing the 450 L fuel			

tank of the standby generator with a new 670 L indoor fuel tank, double walled, with a leak detection sensor connected to the existing alarm system.

Question ID	DWMR1025000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All parts of the drinking water system were disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit. The Teeswater DWS does not have water storage, e.g., standpipe, in the distribution system and only has one artesian production well. Therefore, there were no disinfection records related to water storage structures or a below grade well inspection. There was one watermain replacement during the inspection timeframe for 21 Gordon St. E on Jan. 25, 2023. The subsequent "Watermain Disinfection Form" was reviewed and confirms that flow and air gap were maintained, with pipe and repair parts disinfected.			

Question ID	DWMR1023000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 1-2 (2);			
Question: 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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): 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. There were no (0) Adverse Water Quality Incidents within the inspection time frame and no indication that improperly disinfected water was distributed to consumers.			

Question ID	DWMR1024000	Question Type	Legislative
Legislative Requirement(s):			

SDWA | O. Reg. 170/03 | 1-2 | (2);

Question:

Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated as required?

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

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.

The free chlorine residual was measured every day (n=372) from the distribution system during the inspection period. All measurements were greater than 0.05 mg/L, with the lowest measurement of 0.96 mg/L on June 23, 2023.

Question ID	DWMR1033000	Question Type	Legislative
Legislative Requirement(s):			
SDWA O. Reg. 170/03 7-2 (3); SDWA O. Reg. 170/03 7-2 (4);			
Question:			
Is the secondary disinfectant residual measured as required for the large municipal residential distribution system?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
The secondary disinfectant residual was measured as required for the large municipal residential distribution system.			
Records show that the free chlorine residual was measured every day with an additional three samples taken each week in the distribution system, which is more frequently than legislatively required.			

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

The chlorine residual analyzer is installed at the end of the water treatment train, i.e. after chlorination and the contact watermain, to ensure primary disinfection requirements have been met before water enters the distribution system.

Question ID	DWMR1035000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10;			
Question: Are operators examining continuous monitoring test results and are they examining the results within 72 hours of the test?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.			
Daily Reports include the minimum, maximum and average values for the SCADA parameters. The previous day's information was reviewed (00:00 to 24:00) and notes regarding operational issues or anomalous measurements were noted by the operator on the Daily Report. All Daily Reports related to the inspection period were reviewed and for instances in which the review date was unclear the pump house logbook entries were reviewed. This information demonstrated that operators reviewed SCADA trend data more frequently (daily) than the required 72 hours.			

Question ID	DWMR1038000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4;			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): 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.			
Continuous monitoring of free chlorine to achieve primary disinfection is recorded at least once each minute, which is more often than the once every five (5) minutes as legislatively required. The frequency of recording the free chlorine residual increases when there is variation in the measurements.			

Question ID	DWMMR1037000	Question Type	Legislative
Legislative Requirement(s): 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);			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): 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. At the time of site inspection, the low chlorine alarm was set to signal the on-call operator and shut-down system at 0.60 mg/L on the SCADA system. Under maximum flow conditions (65 L/s) a free chlorine residual of 0.41 mg/L is needed to meet primary disinfection requirements.			

Question ID	DWMMR1040000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-5 (1)1-4; SDWA O. Reg. 170/03 6-5 (1)5-10;			
Question: Are all continuous analysers calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All continuous analysers were calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation. The "Daily Water Rounds" documents were reviewed for the inspection period and the chlorine analyzer was verified on weekdays. Records show preventative maintenance was performed on the chlorine analyzer each month - chlorine injector points and overall system (tubing etc.) was checked regularly.			

Question ID	DWMMR1108000	Question Type	Legislative
Legislative Requirement(s): 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);			
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?

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

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.

Daily Reports and logbook entries (photos) for the inspection period were reviewed for instances of alarm conditions. All reviewed alarms were responded to in a timely and appropriate manner.

Question ID	DWMR1099000	Question Type	Information
Legislative Requirement(s): Not Applicable			
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)?			
Compliance Response(s)/Corrective Action(s)/Observation(s): 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	DWMR1081000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 10-2 (1); SDWA O. Reg. 170/03 10-2 (2); SDWA O. Reg. 170/03 10-2 (3);			
Question: For LMR systems, are all microbiological water quality monitoring requirements for distribution samples being met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a large municipal residential system were being met.			
Based on a population of 1000 residents, the Teeswater DWS is required to take nine (8+1) microbiological distribution samples per month, with at least one taken each week. E. coli and total coliforms were both sampled three times each week for a total of twelve samples per every four weeks or each month. All samples resulted in no detection of E. coli or total coliforms. Of these samples 33% were tested for microbial Heterotrophic Plate Count (HPC) with results ranging from 10 to 260 c.f.u./1mL. This is more than legislatively required since only 25% of			

samples need to be tested for HPC.

Question ID	DWMMR1083000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 10-3;			
Question: For LMR systems, are all microbiological water quality monitoring requirements for treated samples being met?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All microbiological water quality monitoring requirements prescribed by legislation for treated samples were being met. E. coli, total coliforms and Heterotrophic Plate Count (HPC) were typically sampled every seven days from treated water at the pump house during the inspection period. On one occasion the sampling time frame was 8 days. All samples resulted in no detection of E. coli or total coliforms. HPC was measured for 100% of the samples taken and results ranged from 10 to 650 c.f.u./1 mL.			

Question ID	DWMMR1096000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 6-3 (1);			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained. All of the Certificates of Analysis were reviewed for the inspection review period and these records confirm the free chlorine residual was measured at the same time the microbiological samples were taken.			

Question ID	DWMMR1084000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-2;			
Question: Are all inorganic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			

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

The Teeswater DWS is categorized as a large municipal residential system with a ground water source, therefore, as per O. Reg. 170/03 Schedule 13-3, inorganic parameters stipulated in O. Reg. 170/03 Schedule 23 parameters are due to be sampled every 36 months. These parameters were measured on 23-Jan-2018 and again on 19-Jan-2021, therefore within the required time frame. The most recent sampling results were below the reportable thresholds (1-25% maximum allowable concentration).

Schedule 23 parameters are due to be sampled again in January 2024.

Question ID	DWMR1085000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 13-4 (1); SDWA O. Reg. 170/03 13-4 (2); SDWA O. Reg. 170/03 13-4 (3);			
Question: Are all organic water quality monitoring requirements prescribed by legislation conducted within the required frequency?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All organic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.			
Schedule 24 need to be sampled every 36 months. These parameters were measured on 23-Jan-2018 and again on 19-Jan-2021, therefore within the required time frame. Additional sampling was also conducted on 2-Feb-2021 at the request of the lab "not having enough to test", as stated in the logbook. There were no exceedances of these parameters.			
Schedule 24 parameters are due to be sampled again in January 2024.			

Question ID	DWMR1086000	Question Type	Legislative
Legislative Requirement(s): 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);			
Question: Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All haloacetic acid water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.			

Total Haloacetic Acids (HAAs) were sampled quarterly throughout the inspection review period with sampling event intervals of 91 to 98 days (n=4). This is within the legislative requirements (60-120 days). All sampling events occurred at the sewage pumping station which is the closest point in the distribution system to the pump house. This sampling location aligns with the requirement to sample where there is a higher likelihood of elevated HAAs. HAAs generally form at the beginning of the distribution system or may be found just past the chlorination point if the right humic acids are present. The HAA samples results were consistently 5.3 ug/L and below the Minimum Detection Limit (MDL) of the tests conducted.

The standard for Haloacetic Acids (80 ug/L) is expressed as the Running Annual Average (RAA). The RAA is the average of the four most recent quarter sample results and for the Teeswater DWS is 5.3 ug/L.

HAAs are next due to be sampled within the January to March 2024 time frame.

Question ID	DWMR1087000	Question Type	Legislative
Legislative Requirement(s):			
SDWA O. Reg. 170/03 13-6 (1); SDWA O. Reg. 170/03 13-6 (2); SDWA O. Reg. 170/03 13-6 (3); SDWA O. Reg. 170/03 13-6 (4); SDWA O. Reg. 170/03 13-6 (5); SDWA O. Reg. 170/03 13-6 (6);			
Question:			
Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.			
<p>Total Trihalomethanes (THMs) were sampled quarterly throughout the inspection review period with sampling event intervals of 91 to 98 days (n=4). This is within the legislative requirements (60-120 days). All THM sampling events occurred at the gas bar, which is the farthest points in the distribution system, which is a good practice since trihalomethanes are disinfection by-products that are more likely to develop in areas with high residence time, i.e., end of the distribution system. The THM sample results ranged from 1.6 to 3.6 ug/L. The most recent Running Annual Average (RAA) value of THMs for this DWS is 2.53 ug/L, which is less than the Ontario Drinking Water Quality Standard (ODWQS) of 100 ug/L.</p> <p>THMs are next due to be sampled within the January to March 2024 time frame.</p> <p>The ministry recommends sampling THMs at a variety of distribution system extremities to gain representative samples of the entire system.</p>			

Question ID	DWMR1088000	Question Type	Legislative
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Legislative Requirement(s):

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

Question:

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

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

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

Nitrates and nitrites were sampled quarterly throughout the inspection review period with sampling event intervals of 91 and 98 days (n=4). This is within the legislative requirements (60-120 days). The nitrite sample results were consistently 0.003 mg/L, which is below the Ontario Drinking Water Quality Standard (ODWQS) of 1 mg/L. The nitrate sample results ranged from 1.92 to 2.23 mg/L (19% to 22% of MAC), which are below the Ontario Drinking Water Quality Standard (ODWQS) of 10 mg/L.

Question ID	DWMR1089000	Question Type	Legislative
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Legislative Requirement(s):

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

Question:

Are all sodium water quality monitoring requirements prescribed by legislation conducted within the required frequency?

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

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

Sodium sampling is legislatively required every 60 months. Teeswater DWS was most recently sampled for sodium on January 19, 2021, with a result of 3.59 mg/L, which is 18% of the reportable threshold of 20 mg/L.

Sodium is due to be sampled again in January 2026.

Question ID	DWMR1090000	Question Type	Legislative
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Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 13-9;

Question:

Where fluoridation is not practiced, are all fluoride water quality monitoring requirements prescribed by legislation conducted within the required frequency?

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

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

Fluoride sampling is legislatively required every 60 months. Teeswater DWS was most recently sampled for sodium on January 19, 2021, within 58 months of the previous fluoride sampling event. The most recent fluoride result was 0.33 mg/L, which is 22% of the reportable threshold of 1.5 mg/L.

Fluoride is due to be sampled again in January 2026.

Question ID	DWMR1113000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 170/03 10.1 (3);			
Question: Have all changes to the system registration information been provided to the Ministry within ten (10) days of the change?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All changes to the system registration information were provided within ten (10) days of the change.			
The profile information was up to date and reflected the recent staffing changes.			

Question ID	DWMR1059000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 28;			
Question: Do the operations and maintenance manuals contain plans, drawings and process descriptions sufficient for the safe and efficient operation of the system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.			

Question ID	DWMR1060000	Question Type	Legislative
Legislative Requirement(s): SDWA 31 (1);			
Question: Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?			

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

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.

All of the MDWL requirements are met by the Operations and Maintenance Manual.

Question ID	DWMMR1061000	Question Type	Legislative
Legislative Requirement(s):			
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);			
Question:			
Are logbooks properly maintained and contain the required information?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
Logbooks were properly maintained and contained the required information.			

Question ID	DWMMR1062000	Question Type	Legislative
Legislative Requirement(s):			
SDWA O. Reg. 170/03 7-5;			
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?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
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	DWMMR1071000	Question Type	BMP
Legislative Requirement(s):			
Not Applicable			
Question:			
Has the owner provided security measures to protect components of the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s):			
The owner had provided security measures to protect components of the drinking water system.			
The wellhead is located within a locked outbuilding with a secure bolted cap. The treatment equipment is located inside the brick pump house which has no windows, keyed lock entry,			

appropriate signage and is attended daily by an operator. The standby generator is also within the locked pump house.

Question ID	DWMR1073000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 23 (1);			
Question: Has the overall responsible operator been designated for all subsystems which comprise the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The overall responsible operator had been designated for each subsystem.			
The designated Overall Responsible Operator (ORO) is Scott Gowan, who holds a valid Water Distribution and Supply Subsystem Class 3 certificate.			

Question ID	DWMR1074000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 25 (1);			
Question: Have operators-in-charge been designated for all subsystems which comprise the drinking water system?			
Compliance Response(s)/Corrective Action(s)/Observation(s): Operators-in-charge had been designated for all subsystems which comprise the drinking water system.			
The designated OIC is recorded each day in the Daily Facility Log.			

Question ID	DWMR1075000	Question Type	Legislative
Legislative Requirement(s): SDWA O. Reg. 128/04 22;			
Question: Do all operators possess the required certification?			
Compliance Response(s)/Corrective Action(s)/Observation(s): All operators possessed the required certification.			
There were primarily four operators who worked on the Teeswater DWS within the inspection time frame. Certifications were all current with the earliest expiration date of January 31, 2024.			

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

Question ID	DWMMR1117000	Question Type	Information
Legislative Requirement(s): Not Applicable			
Question: Are there any other DWS related items that should be recognized in this report?			
Compliance Response(s)/Corrective Action(s)/Observation(s): The following items are noted as being relevant to the Drinking Water System:			
<p>Kinectrics is a company that cleans work wear for Bruce Power (nuclear power facility), that began operation in Teeswater in 2020. The ORO provided the following statement regarding the measures implemented to monitor this new business.</p> <p>"In the fall we collected samples of Raw Sewage at the wastewater treatment plant, as well as, upstream and downstream of the wastewater treatment plant discharge in the Teeswater River. We had these samples analyzed for Radionuclides (Gross Alpha and Beta), Tritium, and Carbon 14. The purpose of collecting these sample was to establish a baseline prior to the Kinectrics facility going online. We plan to do follow up sampling at a similar time of year in 2021 to determine if these levels remain constant. Based on the discussions with Kinectrics there should be no impact on these levels, but we wanted to check these parameters to confirm this, and also provide this information to the community if any concerns were raised."</p> <p>The ORO provided the following statement on November 30, 2022. "There has not been any additional sampling done of the Teeswater River. Thus far we have been satisfied with the Wastewater Reports/results from Kinectrics, however I will schedule sampling to be done next Fall to align with the time frame of the original samples."</p> <p>To date, this sampling has not been replicated to compare to the baseline data however, the ORO provided sample analysis for tritium, gross alpha and gross beta results for water taken from the river</p> <p>Kinectrics submits quarterly reports regarding their wastewater discharge sampling results. Wastewater is held in tanks, sampled, and analyzed for compliance with the Wastewater Agreement, (section 4.3) between the Municipality of South Bruce and Kinectrics. The wastewater is discharged after samples confirm compliance to the agreement and the quarterly</p>			

reports confirm whether the discharge was compliant to the established limits for 28 parameters including 4 radionuclides.

Monthly discharge sampling typically occurs near the first of the month and involves 56 parameters. Weekly discharge sampling typically at a 6 to 8 interval and involves six parameters. The quarterly report lists the mean and maximum values for each parameter over the three-month sampling period. Most of the samples met the discharge limits established by the agreement, however, on one occasion BOD exceeded the by-law of 300 mg/L, with a measurement of 326 mg/L from a sample taken in the first quarter of 2023.

Note: The quarterly reports are typically completed a couple of months after the end of the quarter, however, sampling of the holding tanks confirms compliance prior to discharge.

This facility is not located within the source protection vulnerable area and is not subject to source protection policies. (Please refer to Chapter 5, "Understanding Policy" of the Approved Source Protection Plan for the Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Region.)

Appendix A

Inspection Rating Report (IRR)

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

DWS Name: TEESWATER DRINKING WATER SYSTEM
DWS Number: 220002618
DWS Owner: THE CORPORATION OF THE MUNICIPALITY OF SOUTH BRUCE
Municipal Location: SOUTH BRUCE

Regulation: O.REG. 170/03
DWS Category: DW Municipal Residential
Type of Inspection: Focused
Inspection Date: Nov-24-2023
Ministry Office: Owen Sound District Office

Maximum Risk Rating: 458

Inspection Module	Non Compliance Risk (X out of Y)
Capacity Assessment	0/30
Certification and Training	0/42
Logbooks	0/18
Operations Manuals	0/28
Reporting & Corrective Actions	0/25
Source	0/14
Treatment Processes	0/189
Water Quality Monitoring	0/112
Overall - Calculated	0/458

Inspection Risk Rating: 0.00%

Final Inspection Rating: 100.00%

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

DWS Name: TEESWATER DRINKING WATER SYSTEM
DWS Number: 220002618
DWS Owner Name: THE CORPORATION OF THE MUNICIPALITY OF SOUTH BRUCE
Municipal Location: SOUTH BRUCE

Regulation: O.REG. 170/03
DWS Category: DW Municipal Residential
Type of Inspection: Focused
Inspection Date: Nov-24-2023
Ministry Office: Owen Sound District Office

All legislative requirements were met. No detailed rating scores.

Maximum Question Rating: 458

Inspection Risk Rating: 0.00%

FINAL INSPECTION RATING: 100.00%

Appendix B

**Risk Methodology Used for Measuring Municipal Residential Drinking Water
System Inspection Results**

APPLICATION OF THE RISK METHODOLOGY USED FOR MEASURING MUNICIPAL RESIDENTIAL DRINKING WATER SYSTEM INSPECTION RESULTS



The Ministry of the Environment (MOE) has a rigorous and comprehensive inspection program for municipal residential drinking water systems (MRDWS). Its objective is to determine the compliance of MRDWS with requirements under the Safe Drinking Water Act and associated regulations. It is the responsibility of the municipal residential drinking water system owner to ensure their drinking water systems are in compliance with all applicable legal requirements.

This document describes the risk rating methodology, which has been applied to the findings of the Ministry's MRDWS inspection

results since fiscal year 2008-09. The primary goals of this assessment are to encourage ongoing improvement of these systems and to establish a way to measure this progress.

MOE reviews the risk rating methodology every three years.

The Ministry's Municipal Residential Drinking Water Inspection Protocol contains 15 inspection modules consisting of approximately 100 regulatory questions. Those protocol questions are also linked to definitive guidance that ministry inspectors use when conducting MRDWS inspections.

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The questions address a wide range of regulatory issues, from administrative procedures to drinking water quality monitoring. The inspection protocol also contains a number of non-regulatory questions.

A team of drinking water specialists in the ministry assessed each of the inspection protocol regulatory questions to determine the risk (not complying with the regulation) to the delivery of safe drinking water. This assessment was based on established provincial risk assessment principles, with each question receiving a risk rating referred to as the Question Risk Rating. Based on the number of areas where a system is deemed to be non-compliant during the inspection, and the significance of these areas to administrative, environmental, and health consequences, a risk-based inspection rating is calculated by the ministry for each drinking water system.

It is important to be aware that an inspection rating less than 100 per cent does not mean the drinking water from the system is unsafe. It shows areas where a system’s operation can improve. The ministry works with owners and operators of systems to make sure they know what they need to do to achieve full compliance.

The inspection rating reflects the inspection results of the specific drinking water system for the reporting year. Since the methodology is applied consistently over a period of years, it serves as a comparative measure both provincially and in relation to the individual system. Both the drinking water system and the public are able to track the performance over time, which encourages continuous improvement and allows systems to identify specific areas requiring attention.

The ministry’s annual inspection program is an important aspect of our drinking water safety net. The ministry and its partners share a common commitment to excellence and we continue to work toward the goal of 100 per cent regulatory compliance.

Determining Potential to Compromise the Delivery of Safe Water

The risk management approach used for MRDWS is aligned with the Government of Ontario’s Risk Management Framework. Risk management is a systematic approach to identifying potential hazards, understanding the likelihood and consequences of the hazards, and taking steps to reduce their risk if necessary and as appropriate.

The Risk Management Framework provides a formula to be used in the determination of risk:

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

(of the consequence)

Every regulatory question in the inspection protocol possesses a likelihood value (L) for an assigned consequence value (C) as described in **Table 1** and **Table 2**.

TABLE 1:	
Likelihood of Consequence Occurring	Likelihood Value
0% - 0.99% (Possible but Highly Unlikely)	L = 0
1 – 10% (Unlikely)	L = 1
11 – 49% (Possible)	L = 2
50 – 89% (Likely)	L = 3
90 – 100% (Almost Certain)	L = 4

TABLE 2:	
Consequence	Consequence Value
Medium Administrative Consequence	C = 1
Major Administrative Consequence	C = 2
Minor Environmental Consequence	C = 3
Minor Health Consequence	C = 4
Medium Environmental Consequence	C = 5
Major Environmental Consequence	C = 6
Medium Health Consequence	C = 7
Major Health Consequence	C = 8

The consequence values (0 through 8) are selected to align with other risk-based programs and projects currently under development or in use within the ministry as outlined in **Table 2**.

The Question Risk Rating for each regulatory inspection question is derived from an evaluation of every identified consequence and its corresponding likelihood of occurrence:

- All levels of consequence are evaluated for their potential to occur
- Greatest of all the combinations is selected.

The Question Risk Rating quantifies the risk of non-compliance of each question relative to the others. Questions with higher values are those with a potentially more significant impact on drinking water safety and a higher likelihood of occurrence. The highest possible value would be 32 (4×8) and the lowest would be 0 (0×1).

Table 3 presents a sample question showing the risk rating determination process.

TABLE 3:							
Does the Operator in Charge ensure that the equipment and processes are monitored, inspected and evaluated?							
Risk = Likelihood × Consequence							
C=1	C=2	C=3	C=4	C=5	C=6	C=7	C=8
Medium Administrative Consequence	Major Administrative Consequence	Minor Environmental Consequence	Minor Health Consequence	Medium Environmental Consequence	Major Environmental Consequence	Medium Health Consequence	Major Health Consequence
L=4 (Almost Certain)	L=1 (Unlikely)	L=2 (Possible)	L=3 (Likely)	L=3 (Likely)	L=1 (Unlikely)	L=3 (Likely)	L=2 (Possible)
R=4	R=2	R=6	R=12	R=15	R=6	R=21	R=16

Application of the Methodology to Inspection Results

Based on the results of a MRDWS inspection, an overall inspection risk rating is calculated. During an inspection, inspectors answer the questions related to regulatory compliance and input their “yes”, “no” or “not applicable” responses into the Ministry’s Laboratory and Waterworks Inspection System (LWIS) database. A “no” response indicates non-compliance. The maximum number of regulatory questions asked by an inspector varies by: system (i.e., distribution, stand-alone); type of inspection (i.e., focused, detailed); and source type (i.e., groundwater, surface water).

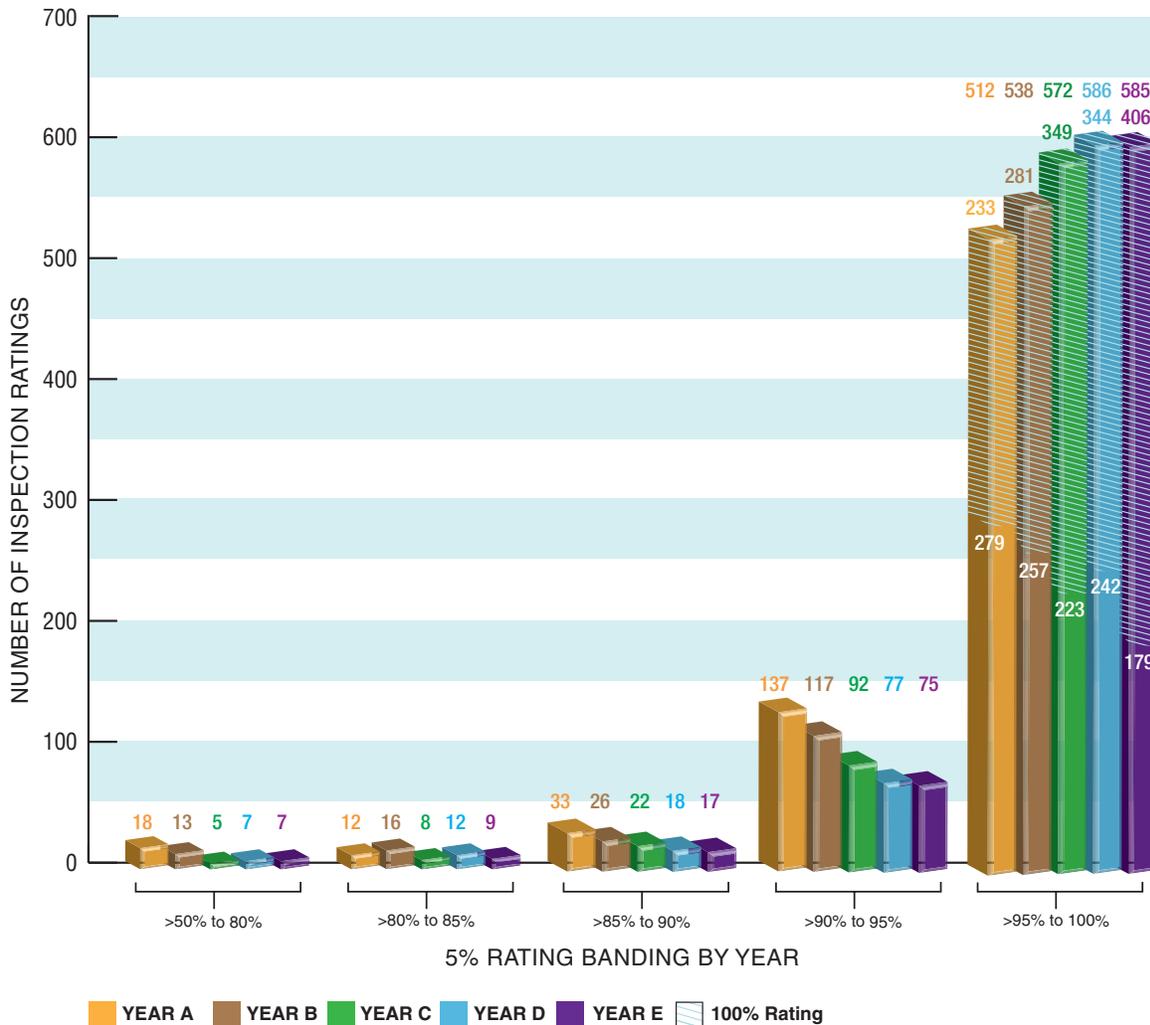
The risk ratings of all non-compliant answers are summed and divided by the sum of the risk ratings of all questions asked (maximum question rating). The resulting inspection risk rating (as a percentage) is subtracted from 100 per cent to arrive at the final inspection rating.

Application of the Methodology for Public Reporting

The individual MRDWS Total Inspection Ratings are published with the ministry's Chief Drinking Water Inspector's Annual Report.

Figure 1 presents the distribution of MRDWS ratings for a sample of annual inspections. Individual drinking water systems can compare against all the other inspected facilities over a period of inspection years.

Figure 1: Year Over Year Distribution of MRDWS Ratings



Reporting Results to MRDWS Owners/Operators

A summary of inspection findings for each system is generated in the form of an Inspection Rating Record (IRR). The findings are grouped into the 15 possible modules of the inspection protocol,

which would provide the system owner/operator with information on the areas where they need to improve. The 15 modules are:

- | | | | |
|-------------------------|---------------------------------|--|--|
| 1. Source | 5. Treatment Process Monitoring | 9. Logbooks | 13. Water Quality Monitoring |
| 2. Permit to Take Water | 6. Process Wastewater | 10. Contingency and Emergency Planning | 14. Reporting, Notification and Corrective Actions |
| 3. Capacity Assessment | 7. Distribution System | 11. Consumer Relations | 15. Other Inspection Findings |
| 4. Treatment Processes | 8. Operations Manuals | 12. Certification and Training | |

For further information, please visit www.ontario.ca/drinkingwater

Appendix C

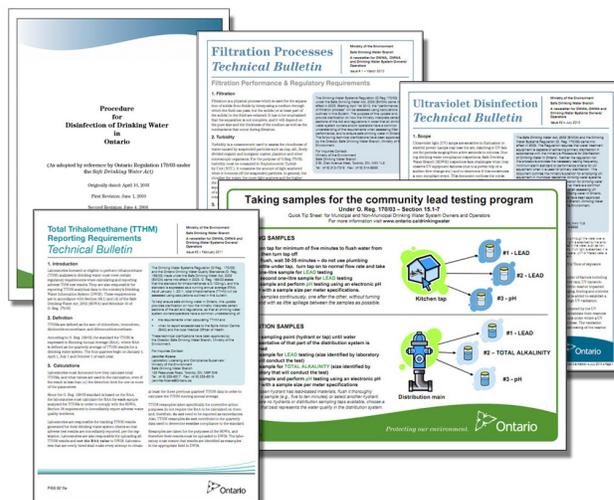
Stakeholder Appendix

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 Public Information Centre if you need assistance or have questions at 1-800-565-4923/416-325-4000 or picemail.moe@ontario.ca.

For more information on Ontario's drinking water visit www.ontario.ca/drinkingwater and email drinking.water@ontario.ca to subscribe to drinking water news.



PUBLICATION TITLE	PUBLICATION NUMBER
Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils	7889e01
FORMS: Drinking Water System Profile Information, Laboratory Services Notification, Adverse Test Result Notification Form	7419e, 5387e, 4444e
Procedure for Disinfection of Drinking Water in Ontario	4448e01
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids	7152e
Total Trihalomethane (TTHM) Reporting Requirements Technical Bulletin (February 2011)	8215e
Filtration Processes Technical Bulletin	7467
Ultraviolet Disinfection Technical Bulletin	7685
Guide for Applying for Drinking Water Works Permit Amendments, Licence Amendments, Licence Renewals and New System Applications	7014e01
Certification Guide for Operators and Water Quality Analysts	
Guide to Drinking Water Operator Training Requirements	9802e
Taking Samples for the Community Lead Testing Program	6560e01
Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption	7423e
Guide: Requesting Regulatory Relief from Lead Sampling Requirements	6610
Drinking Water System Contact List	7128e
Technical Support Document for Ontario Drinking Water Quality Standards	4449e01

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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 Centre d'information au public au 1 800 565-4923 ou au 416 325-4000, ou encore à picemail.moe@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 ou envoyez un courriel à drinking.water@ontario.ca pour suivre l'information sur l'eau potable.

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Prendre soin de votre eau potable – Un guide destiné aux membres des conseils municipaux	7889f01
Renseignements sur le profil du réseau d'eau potable, Avis de demande de services de laboratoire, Formulaire de communication de résultats d'analyse insatisfaisants et du règlement des problèmes	7419f, 5387f, 4444f
Marche à suivre pour désinfecter l'eau potable en Ontario	4448f01
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids (en anglais seulement)	7152e
Total Trihalomethane (TTHM) Reporting Requirements: Technical Bulletin (février 2011) (en anglais seulement)	8215e
Filtration Processes Technical Bulletin (en anglais seulement)	7467
Ultraviolet Disinfection Technical Bulletin (en anglais seulement)	7685
Guide de présentation d'une demande de modification du permis d'aménagement de station de production d'eau potable, de modification du permis de réseau municipal d'eau potable, de renouvellement du permis de réseau municipal d'eau potable et de permis pour un nouveau réseau	7014f01
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	
Guide sur les exigences relatives à la formation des exploitants de réseaux d'eau potable	9802f
Prélèvement d'échantillons dans le cadre du programme d'analyse de la teneur en plomb de l'eau dans les collectivités	6560f01
Échantillonnage et analyse du plomb dans les collectivités : échantillonnage normalisé ou réduit et admissibilité à l'exemption	7423f
Guide: Requesting Regulatory Relief from Lead Sampling Requirements (en anglais seulement)	6610
Liste des personnes-ressources du réseau d'eau potable	7128f
Document d'aide technique pour les normes, directives et objectifs associés à la qualité de l'eau potable en Ontario	4449f01

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