Ministry of the Environment, Conservation and Parks

Drinking Water and Environmental Compliance Division

Owen Sound District Office
101 17th St. E., 3rd Floor
Owen Sound ON N4K 0A5

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

Division de la conformité en matière d'eau potable et d'environnement

Bureau du district de Owen Sound
101, 17e rue Est, 3e étage
Owen Sound ON N4K 0A5

September 24, 2020

Sent by Email: swatson@brockton.ca

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

Attention: Ms. Sonya Watson
CAO/Clerk

Re: 2020/2021 Inspection Report 1-ODGZN
Lake Rosalind Drinking Water System
Drinking Water Licence 081-102 Issue 2
Drinking Water Works Permit 081-202, Issue 2

The enclosed report documents findings of the inspection that was performed on August 19, 2020.

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. 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-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,

Rhonda Shannon
Water Compliance Inspector
Phone: 226-668-5873
e-mail: Rhonda.shannon@ontario.ca

Enclosure

ec: Dr. Ian Arra, Medical Officer of Health, Grey-Bruce Health Unit
Gregg Furtney, Director of Operations, Municipality of Brockton
Nancy Guest, Administrative Assistant, Source Protection Program Branch
Scott Gowan, Project Manager/ORO, Veolia
Mark Smith, Water Compliance Supervisor, Ministry of Environment, Conservation and Parks

c: File SI-BR-BR-C3-540 (2020)

Ontario

Ministry of the Environment, Conservation and Parks

LAKE ROSALIND DRINKING WATER SYSTEM

Inspection Report

Site Number:	220007800
Inspection Number:	1-ODGZN
Date of Inspection:	Aug 19, 2020
Inspected By:	Rhonda Shannon

OWNER INFORMATION:

Company Name: BROCKTON, THE CORPORATION OF THE MUNICIPALITY OF
Street Number: 100 **Unit Identifier:**
Street Name: SCOTT St
City: WALKERTON
Province: ON **Postal Code:** N0G 2V0

CONTACT INFORMATION

INSPECTION DETAILS:

Site Name: LAKE ROSALIND DRINKING WATER SYSTEM
Site Address: BROCKTON
County/District: BROCKTON
MECP District/Area Office: Owen Sound Area Office
Health Unit: GREY BRUCE HEALTH UNIT
Conservation Authority: Saugeen Conservation
MNR Office: Owen Sound Regional Office
Category: Small Municipal Residential
Site Number: 220007800
Inspection Type: Announced
Inspection Number: 1-ODGZN
Date of Inspection: Aug 19, 2020
Date of Previous Inspection:

COMPONENTS DESCRIPTION

Site (Name): MOE DWS Mapping
Type: DWS Mapping Point **Sub Type:**

Site (Name): RAW WELL 3
Type: Source **Sub Type:** GUDI w/o Effective Insitu
Comments:
Well No.3 (Well#2 on PTTW) is a 200 mm diameter, 22.9 m deep, overburden drilled well equipped with a 1/2 HP submersible pump that supplies water at a rate of approximately 0.81 L/s. The well casing extends 1.04 m above ground level. The connection at the well casing for pump and electrical lines are made below ground, using a pitless adaptor. The well is located near the edge of a road allowance and is partially obscured by shrubs and bushes. Clearly marked municipal signage now indicates it's location. Well No. 3 is the primary production well for the water system.
Microbiological water quality from Well No. 3 is considered poor but significantly better than Well No.1. The well was considered to be historically impacted by drought but current trends show adequate and consistent yield/availability.

Site (Name): RAW WELL 1
Type: Source **Sub Type:** GUDI w/o Effective Insitu
Comments:
Well No.1 is a shallow, dug well, fed by a spring. Well No. 1 is primarily used as a supplemental water source. The

yield from Well No.1 alone is insufficent to meet the demand of the system. The operational purpose of Well No. 1 is to assist primary production Well No.3 in supplying adequate amounts of raw water for treatment.
Microbiological water quality from Well No. 1 is poor with frequent testing results showing high concentrations of total coliform with the occasional test result detecting E.coli.
The well pump is a Meyers 1/2 Hp (0.37 kW) HJ50S jet pump.
Upgrades to the well in 2005 included, sealing casing joints, installation of a new foot valve on the pump suction line, the removal of miscellaneous piping and debris from the interior of the well and a new well cap.

Site (Name): PUMPHOUSE
Type: Treated Water POE **Sub Type:** Pumphouse
Comments:
Water is pumped from Well No.1 and Well No.3 to the pumphouse where flow meters measure raw water flows separately from each well prior to combining into a common pipe. The chlorination system consists of two (2) chlorine solution pumps controlled by a flow meter sensor. Raw water is injected with sodium hypochlorite before flowing through a cartridge filtration system. Two filter trains exist (duty and standby), each consisting of two filter units; rated at 80.0 L/min to remove particles down to 1 micron in size. Filtered water then enters a 30.4 cubic meter in-ground concrete chlorine contact chamber, complete with inlet and outlet perforated pipe diffusers before discharging into a 91 cubic meter reservoir. From the reservoir, two submersible highlift pumps, each rated at 5.4 L/s, deliver water to the distribution system. Pressure is maintained through the use of six 455 L hydropneumatic pressure tanks. These pressure tanks do not contribute to chlorine contact time. Prior to entering the distribution system, treated water passes through a water meter before exiting through the pumphouse floor.
One (1) standby diesel generator set, having a rating of 25 kilowatts, provides emergency power to the pumphouse during power failures. The generator supplies power to all essential equipment needed to run the pumphouse during power outages.
A fully operative Supervisory Control and Data Aquisition (SCADA) system monitors and records flows, reservoir levels, turbidity, chorine residual and reports alarm conditions to the operators.

Site (Name): DISTRIBUTION SYSTEM
Type: Other **Sub Type:** Other
Comments:
This system serves approximately 58 residences along the west shore of Lake Rosalind.
Water mains are constructed from 100 mm diameter plastic pipes and service lines are 1/2 inch plastic PVC.
There are two (2) blow-offs, one located at each end of the distribution system. There are no fire hydrants in the system.

INSPECTION SUMMARY:

Introduction

- **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 related 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 report is based on a "focused" inspection of the system. Although the inspection involved fewer activities than those normally undertaken in a detailed inspection, it contained critical elements required to assess key compliance issues. This system was chosen for a focused inspection because the system's performance met the ministry's criteria, most importantly that there were no deficiencies as identified in O.Reg. 172/03 over the past 3 years. The undertaking of a focused inspection at this drinking water system does not ensure that a similar type of inspection will be conducted at any point in the future.

  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 August 19, 2020 at the Lake Rosalind drinking water facility to assess compliance with the systems Licence and Permit as well as 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 February 1, 2020 to August 18, 2020 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 Scott Rowe, Operator.

Source

- **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.**

  Well #1, located east of the pump house, is spring-fed and used primarily to supplement raw water demands. Water quality from this well is consistently poorer than Well #3. Well #3 is located south east of the pump house. Both well casings are greater than 40 cm's above ground surface and locked/sealed with a vermin-proof cap. There was no evidence of voids, holes or ponding around either wells at the time of this inspection.

  A review of the raw water test results during this inspection period shows a presence of total coliforms (from 1 cfu/100 mL to 195 cfu/100 mL) detection on Well #1 in all samples events. There was only 1 (one) instance of E. coli detection in Well #1 (1 cfu/100 mL) however, which is a decrease in E. coli detection from the last inspection.

  There were no total coliforms or E.coli detected on raw water from Well #3. Continued physical well inspections and ongoing preventative maintenance remain recommendations to ensure integrity of the drinking water source.

- **Measures were in place to protect the groundwater and/or GUDI source in accordance with any the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.**

Source

The most current process diagram is dated April 25, 2005 by BM Ross still adequately reflect the treatment process and the following procedures are still in effect:

- Customer Complaints [LRWS-J-05]
- Well Inspection Maintenance [LRWS-J-08]
- Well Inspection and Maintenance Plan [Section L]
- Chemical Spills or Fuel Leaks [LRWS-K-07]
- Vandalism [LRWS-K-08]
- Well Casing Failure, Well Head Damage and Well Pump Failure [LRWS-K-12]
- Agricultural run-off [LRWS-K-14]

Capacity Assessment

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

  The flow meter was calibrated by ICS on August 14, 2020 but the Operating Authority has not yet received the validation certificate.

- **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. 2 authorizes a total of 115 m3/day of water takings.

  There were neither flow exceedences nor flow monitoring anomalies found in the data reviewed. The maximum daily flow rate occurred in July 2020 with 56 m3 of water used, which represents approximately 49% of the rated capacity allowed in the Licence; this in an increase from the previous inspection period.

Treatment Processes

- **The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.**

- **Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities required under Ontario Regulation 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.**

  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. 2 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.

- **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 were greater than 0.05 mg/L free chlorine at all times during the inspection period reviewed.

Treatment Processes

- **Where an activity has occurred that could introduce contamination, all parts of the drinking water system were disinfected in accordance with Schedule B, Condition 2.3 of the Drinking Water Works Permit.**

Treatment Process Monitoring

- **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.**

- **Continuous monitoring of each filter effluent line was being performed for turbidity.**

  Online turbidimeters are located post-cartridge filtration and prior to the chlorine contact chamber. Schedule E of Licence 081-102, Issue No.2 requires that "5. Performance criterion for filtered water turbidity of less than or equal to 0.2 NTU in 95% of the measurements each month shall be met for each filter".

  Turbidity readings are measured continuously and the SCADA system calculates the percentage of time these readings are greater than 0.2 NTU during well run times.

  From the information provided, the 95% criterion was met at all times during the time period reviewed.

- **The secondary disinfectant residual was measured as required for the distribution system.**

  Distribution chlorine residuals were found to be measured on most weekdays, which meets and exceeds the sampling requirements for this system.

- **Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.**

  Continuous monitoring results from daily sheets and on-screen trending remains to be reviewed daily by the operator and recorded in the logbook.

- **All continuous monitoring equipment utilized for sampling and testing required by O. Reg.170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, were equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6.**

  The alarm set-point on the continuous chlorine monitor remains at 0.70 mg/L (low) and 2.0 mg/L (high). The turbidimeter reportedly alarms at 0.8 NTU.

- **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.**

- **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 daily with a hand held colorimeter. Tolerance ranges greater than 5% were found to be re-calibrated in all instances. The turbidimeter is also verified at least once per week with a hand held turbidimeter to a tolerance range of 10%.

Operations Manuals

- **The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.**

Operations Manuals

- **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.**

Logbooks

- **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 logbook reviewed show that only certified Operators conducted operational testing at this facility during the time period reviewed.

Security

- **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.

Certification and Training

- **The overall responsible operator had been designated for each subsystem.**

  The ORO for this facility is designated as Scott Gowan and backup ORO is Steve Rowe.

- **Operators-in-charge had been designated for all subsystems which comprised the drinking water system.**

  The OIC continues to be designated and recorded daily in the logbook.

- **All operators possessed the required certification.**

  All Operators were found to have current and the required certification.

- **Only certified operators made adjustments to the treatment equipment.**

Water Quality Monitoring

- **All microbiological water quality monitoring requirements for distribution samples prescribed by legislation were being met.**

  Distribution sampling was done weekly during the time period reviewed which meets and exceeds the requirements outlined in O.Reg.170/03.

- **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.

- **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.

Water Quality Monitoring

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

- **All haloacetic acid water quality monitoring requirements prescribed by legislation are being 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.
  - April 14, 2020 (2.2 ug/L), and
  - July 14, 2020 (3.6 ug/L).

  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 5.4 ug/L, which is well below the ODWQS of 80 ug/L.

- **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:
  - April 14, 2020 (21.5 ug/L), and
  - July 14, 2020 (19.1 ug/L).

  The current rolling average is therefore calculated to be 21.9 ug/L at this time, which is similar to that of the last inspection period but well below the ODWQS of 100 ug/L.

- **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:
  - April 14, 2020 and
  - July 14, 2020.

- **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 next reportable sample date will be in 2023.

- **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.

- **All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were being met.**

  The Operating Authority is reminded that the application for licence renewal date is February 4, 2021.

Water Quality Monitoring

- **Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained.**

Water Quality Assessment

- **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).**

  All sample results taken within this inspection period met the ODWQS.

Reporting & Corrective Actions

- **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.**

  A review of logbook entries for this inspection time period indicates that appropriate actions and timelines were followed.

NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

Not Applicable

SUMMARY OF RECOMMENDATIONS AND BEST PRACTICE ISSUES

This section provides a summary of all recommendations and best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following issues and consider measures to address them.

Not Applicable

SIGNATURES

Inspected By:

Rhonda Shannon

Signature: (Provincial Officer)

Reviewed & Approved By:

Mark Smith

Signature: (Supervisor)

Review & Approval Date:

September 29, 2020

Mark Smith

Digitally signed by Mark Smith
DN: cn=Mark Smith, o=MECP, ou=Water Compliance Unit, email=mark.smith@ontario.ca, c=CA
Date: 2020.09.29 09:41:19 -04'00'

Note: This inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.

Ontario

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

APPENDIX A

INSPECTION SUMMARY RATING RECORD

Ministry of the Environment - Inspection Summary Rating Record (Reporting Year - 2020-2021)

DWS Name:	LAKE ROSALIND DRINKING WATER SYSTEM
DWS Number:	220007800
DWS Owner:	Brockton, The Corporation Of The Municipality Of
Municipal Location:	Brockton
Regulation:	O.REG 170/03
Category:	Small Municipal Residential System
Type Of Inspection:	Focused
Inspection Date:	August 19, 2020
Ministry Office:	Owen Sound District Office

Maximum Question Rating: 450

Inspection Module	Non-Compliance Rating
Source	0 / 14
Capacity Assessment	0 / 30
Treatment Processes	0 / 77
Operations Manuals	0 / 28
Logbooks	0 / 14
Certification and Training	0 / 42
Water Quality Monitoring	0 / 91
Reporting & Corrective Actions	0 / 21
Treatment Process Monitoring	0 / 133
TOTAL	**0 / 450**

Inspection Risk Rating	**0.00%**

FINAL INSPECTION RATING:	**100.00%**

Inspection Rating Record Generated On 29-SEP-20 (Inspection ID: 1-ODGZN).

Ministry of the Environment - Detailed Inspection Rating Record (Reporting Year - 2020-2021)

DWS Name:	LAKE ROSALIND DRINKING WATER SYSTEM
DWS Number:	220007800
DWS Owner:	Brockton, The Corporation Of The Municipality Of
Municipal Location:	Brockton
Regulation:	O.REG 170/03
Category:	Small Municipal Residential System
Type Of Inspection:	Focused
Inspection Date:	August 19, 2020
Ministry Office:	Owen Sound District Office

Maximum Question Rating: 450

Inspection Risk Rating	**0.00%**

FINAL INSPECTION RATING:	**100.00%**

Inspection Rating Record Generated On 29-SEP-20 (Inspection ID: 1-ODGZN).

Ontario

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

APPENDIX B

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.

For more information on Ontario's drinking water visit www.ontario.ca/drinkingwater

PUBLICATION TITLE	PUBLICATION NUMBER
FORMS: 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

Ontario

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 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

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Renseignements sur le profil du réseau d'eau potable Avis de demande de services de laboratoire Avis de résultats d'analyse insatisfaisants et de règlement des problèmes	012-2149F 012-2148F 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 portable 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

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