# Ministry of the Environment and Climate Change

Safe Drinking Water Branch

Owen Sound District Office 101 17<sup>th</sup> St. E, 3<sup>rd</sup> Floor Owen Sound ON N4K 0A5 Ministère de l'Environnement et de l'Action en matière de changement climatique

Direction du contrôle de la qualité de l'eau potable



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

July 13, 2017

The Corporation of the Town of South Bruce Peninsula 315 George St., P.O. Box 310 Wiarton, Ontario N0H 2T0

Attention: Andrew Sprunt, Manager of Public Works

Re: 2017/2018 Inspection Report 1-F6FTP Oliphant Drinking Water System Drinking Water Licence # 094-105 Drinking Water Works Permit 094-205, Issue # 2

The enclosed report documents findings of the inspection that was performed on June 20, 2017.

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,

Shayne Finlay Provincial Officer Water Inspector 519-376-2024 / Cell 519-270-8955 Fax 519-371-2905 shayne.finlay@ontario.ca

- ec: -John Ritchie, Water Compliance Supervisor, MOECC
  - Leo Paul Frigault, Operations Manager, OCWA
  - Dr. Christine Kennedy, Medical Officer of Health, Grey-Bruce Health Unit
  - Nancy Guest, Administrative Assistant, Source Water Protection Committee
- c: File SI BR SB FI 540



**Ministry of the Environment and Climate Change** 

# **OLIPHANT DRINKING WATER SYSTEM**

# **Inspection Report**

Site Number: Inspection Number: Date of Inspection: Inspected By: 220007695 1-F6FTP Jun 20, 2017 Shayne Finlay



## **OWNER INFORMATION:**

Company Name:	SOUTH BRUCE PENINSULA, THE CORPORATION OF THE TOWN OF		
Street Number:	315	Unit Identifier:	Box 310
Street Name:	GEORGE St		
City:	WIARTON		
Province:	ON	Postal Code:	N0H 2T0

## **CONTACT INFORMATION**

Operating Authority	Name:	Megan Edney
(519) 534-1600	Fax:	
Process Compliance Technician (	OCWA).	
Operating Authority	Name:	Leo-Paul Frigault
(519) 534-1600	Fax:	-
lfrigault@ocwa.com		
OCWA - Operations Manager, W	est Highlands Hub	Э.
Owner	Name:	Andrew Sprunt
(519) 534-1400	Fax:	(519) 534-4976
tsbppwmanager@bmts.com		
Manager of Public Works		
	<ul> <li>(519) 534-1600</li> <li>medney2@ocwa.com</li> <li>Process Compliance Technician (</li> <li>Operating Authority</li> <li>(519) 534-1600</li> <li>Ifrigault@ocwa.com</li> <li>OCWA - Operations Manager, W</li> <li>Owner</li> <li>(519) 534-1400</li> <li>tsbppwmanager@bmts.com</li> </ul>	(519) 534-1600Fax: medney2@ocwa.com Process Compliance Technician (OCWA).Operating AuthorityName: (519) 534-1600Operating AuthorityName: Fax: Ifrigault@ocwa.com OCWA - Operations Manager, West Highlands Hut OwnerOwnerName: Fax: tsbppwmanager@bmts.com

## **INSPECTION DETAILS:**

Site Name:	OLIPHANT DRINKING WATER SYSTEM
Site Address:	7 FIDDLEHEAD LANE WIARTON ON N0H 2T0
County/District:	The South Bruce Peninsula
MOECC District/Area Office:	Owen Sound Area Office
Health Unit:	GREY BRUCE HEALTH UNIT
Conservation Authority:	Grey Sauble Conservation Authority
MNR Office:	Midhurst District Office
Category:	Small Municipal Residential
Site Number:	220007695
Inspection Type:	Announced
Inspection Number:	1-F6FTP
Date of Inspection:	Jun 20, 2017
Date of Previous Inspection:	Aug 10, 2016

## COMPONENTS DESCRIPTION

Site (Name): Type:	MOE DWS Mapping DWS Mapping Point	Sub Type:	
Site (Name): Type:	Distribution System Other	Sub Type:	Other



#### Comments:

The Oliphant Well Supply supplies water to the former Fiddlehead and Cammidge & Collins distribution systems. There are approximately 27 homes served by this drinking water system.

Site (Name):	Pumphouse			
Туре:	Treated Water POE	Sub Type:	Pumphouse	
Comments:				

The pumphouse is located at 7 Fiddlehead Lane in Oliphant (Lot 13). The drinking water system is designed to include: iron and DOC removal (via potassium permangante, polymer and greensand filtration); and disinfection through the use of filtration (coagulant, static fixer and clarifier), UV and chlorination (sodium hypochlorite). Ammonium sulphate is added upstream of the clearwell to allow for the use of chloramination as secondary disinfection in the distribution system.

At the time of the inspection the treatment equipment was not in operation with the exception of the trim chlorination system. The municipality began transporting water from the Wiarton drinking water system on January 19, 2011 at which time secondary disinfection was switched to chlorination.

Site (Name):	Well #2		
Туре:	Source	Sub Type:	GUDI
Comments:			
Well 2 is drilled rated at 3.78 L/s	•	6 metres. It has a 150 mm diameter of	casing and is equipped with a submersible pump

Site (Name):Well #1Type:Source

Sub Type: GUDI

#### Comments:

Well 1 is located 3.6 metres south of the pumphouse and is drilled to a depth of approximately 27.4 metres. It has a steel casing provided to a depth of approximately 15 metres. The lack of overburden protection in conjunction with the limited depth of well casing into the bedrock leaves the well vulnerable to surface water contamination and influences. The well is equipped with a submersible pump rated at 3.78L/sec.



# **INSPECTION SUMMARY:**

#### **Introduction**

 The primary focus of this inspection is to confirm compliance with Ministry of the Environment and Climate Change (MOECC) 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.

On June 20, 2017 Provincial Officer Shayne Finlay began conducting the inspection of the Oliphant Water Treatment System located in the municipality of South Bruce Peninsula. The system is operated by OCWA. This year's inspection cycle covers the period from August 10, 2016 - June 20, 2017. At the time of the inspection water was being transported from Wiarton WTP to the pumphouse and the Oliphant water treatment plant was operating as a storage reservoir and a re-chlorination station. Ontario Regulation 170/03 Section 5 Exemptions: residential systems gives Oliphant WS relief from sampling nitrate and nitrite, sodium, fluoride, inorganic and organics while transporting water.

#### <u>Source</u>

- 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.
- The owner was maintaining the municipal wells not being used as a raw water supply in a manner to prevent the entry of surface water and other foreign materials.
- 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.
- Trends in source water quality were being monitored.

#### Permit To Take Water

• The owner was in compliance with all conditions of the PTTW.

#### 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 Licence for the Oliphant drinking water system (094-105) requires monitoring and recording of flow rate and the daily volume of water conveyed into the treatment system and conveyed into the



### Capacity Assessment

distribution system.

Transported water is currently delivered directly into the clearwell so monitoring of flow rate into the treatment system is not necessary. The operating authority continues to monitor and record flow rate and the daily volume of water conveyed into the distribution system. The 2016 Average water usage is approximately 8.3 cubic metres per day.

• The flow measuring devices were calibrated or verified in accordance with the requirements of the Municipal Drinking Water Licence issued under Part V of the SDWA.

Flow meters were calibrated May 9, 2017 and passed verification testing by Flow Metrix Technical Services.

• 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 Licence for the Oliphant drinking water system (094-105) requires monitoring and recording of flow rate and the daily volume of water conveyed into the treatment system and conveyed into the distribution system.

Transported water is currently delivered directly into the clearwell so monitoring of flow rate into the treatment system is not necessary. The operating authority continues to monitor and record flow rate and the daily volume of water conveyed into the distribution system.

• Appropriate records of flows and any capacity exceedances were made in accordance with the Municipal Drinking Water Licence issued under Part V of the SDWA.

#### **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.
- The owner had evidence that all required Director Notifications under Condition 2.4 of Schedule B of the Drinking Water Works Permit were made during the inspection period.
- 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.
- 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.

Free available chlorine residual is maintained out and into the distribution system for secondary disinfection purposes to reduce the potential for microbial re-growth within the distribution system, and in accordance with section 1- 2(2)4 of Schedule 1, O.Reg.170/03.

- The owner had evidence indicating that all chemicals and materials that come in contact with water within the drinking water system met the AWWA and ANSI standards in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.
- Up-to-date plans for the drinking-water system were kept in a place, or made available in such a manner, that they could be readily viewed by all persons responsible for all or part of the operation of the drinking



#### Treatment Processes

water system in accordance with the Drinking Water Works Permit and Municipal Drinking Water Licence issued under Part V of the SDWA.

#### **Treatment Process Monitoring**

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

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

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

The operators review the daily SCADA system at least every 72 hours. The operator conducting the review signs and dates the daily SCADA report.

- Samples for chlorine residual analysis were tested using an acceptable portable device.
- 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 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.

#### **Distribution System**

- The owner had up-to-date documents describing the distribution components as required.
- There is a backflow prevention program, policy and/or bylaw in place.
- The owner had a program or maintained a schedule for routine cleanout, inspection and maintenance of reservoirs and elevated storage tanks within the distribution system.

The Oliphant Water Treatment Plant's clearwells are scheduled for inspection in 2017. The last inspection and cleaning was performed in 2014.

• Existing parts of the distribution system that are taken out of service for inspection, repair or other activities that may lead to contamination, and all new parts of the distribution system that come in contact with drinking water, were disinfected in accordance with Schedule B, Condition 2.3 of the Drinking Water Works Permit, or an equivalent procedure (i.e. the Watermain Disinfection Procedure).



#### **Distribution System**

- The owner had implemented a program for the flushing of watermains as per industry standards.
- Records confirmed that disinfectant residuals were routinely checked at the extremities and "dead ends" of the distribution system.
- A program was in place for inspecting and exercising valves.
- The owner was able to maintain proper pressures in the distribution system and pressure was monitored to
  alert the operator of conditions which may lead to loss of pressure below the value under which the system
  is designed to operate.

#### **Operations Manuals**

- Operators and maintenance personnel had ready access to operations and maintenance manuals.
- The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.
- 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

- Logbooks were properly maintained and contained the required information.
- 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.
- For every required operational test and every required sample, a record was made of the date, time, location, name of the person conducting the test and result of the test.
- The operator-in-charge ensured that records were maintained of all adjustments made to the processes within his or her responsibility.
- Logs or other record keeping mechanisms were available for at least five (5) years.

#### **Contingency/Emergency Planning**

- Spill containment was provided for process chemicals and/or standby power generator fuel.
- Clean-up equipment and materials were in place for the clean up of spills.
- Standby power generators were tested under normal load conditions.

#### Security



### Security

- All storage facilities were completely covered and secure.
- Air vents and overflows associated with reservoirs and elevated storage structures were equipped with screens.
- The owner had provided security measures to protect components of the drinking water system.

#### **Consumer Relations**

 The owner and/or operating authority undertook efforts to promote water conservation and reduce water losses in their system.

#### **Certification and Training**

- The overall responsible operator had been designated for each subsystem.
- Operators in charge had been designated for all subsystems which comprised the drinking-water system.
- All activities that were undertaken by uncertified persons in the DW subsystems were overseen by persons having the prescribed qualifications.
- All operators possessed the required certification.
- Only certified operators made adjustments to the treatment equipment.
- The subsystem had been replaced or altered, since the issuance of the existing subsystem certificate of classification and the owner applied for the re-determination of the type and class of the subsystem or had determined that the alteration(s) was not sufficient to trigger an application.
- An adequately licenced operator was designated to act in place of the overall responsible operator when the overall responsible operator was unable to act.

#### Water Quality Monitoring

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

For SMR DWS, distribution bacteriological samples shall be taken:

1) once every 2 weeks provided that the system is in compliance with Schedule 1 of O.Reg.170/03, or

2) one sample every week if the system does not meet the requirements of Schedule 1 of O. Reg.170/03.

Each sample must be tested for EC + TC and, if secondary disinfection is provided, must also be tested for HPC; this requirement has been met.

- All haloacetic acid water quality monitoring requirements prescribed by legislation are being conducted within the required frequency and at the required location.
- All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within



#### Water Quality Monitoring

#### the required frequency and at the required location.

Section 13-6 of Schedule 13, O.Reg.170/03 requires the Owner and the Operating Authority to ensure that at least one distribution sample is taken every 3 months from a point in the drinking water system's distribution system, or in plumbing that is connected to the drinking water system, that is likely to have an elevated potential for the formation of Trihalomethanes (THMs), and tested for THMs. Section 6-1.1 of Schedule 6, O.Reg.170/03 requires that these samples be taken at least 60 days, and not more than 120 days, after a sample was taken for that purpose in the previous three month period. Sampling for the inspection period occurred October 17, 2016, January 9, 2017, April 3, 2017. The 2016 running annual average is 68 UG/L.

- The owner ensured that water samples were taken at the prescribed location.
- All water quality monitoring requirements imposed by the Municipal Drinking Water Licence and Drinking Water Works Permit were being met.
- All sampling requirements for lead prescribed by schedule 15.1 of O. Reg. 170/03 were being met.

This system now qualifies for the plumbing exemption as per Ontario Regulation 170/03 Schedule 15.1-5 (9) (10). Two(2) distribution lead samples are only taken every 36 months during the sampling periods (i.e. 1 distribution sample per period). The next samples will be taken in 2018.

- Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained.
- The drinking water system owner submitted written notices to the Director that identified the laboratories that were conducting tests for parameters required by legislation, Order, Drinking Water Works Permit or Municipal Drinking Water Licence.
- The owner indicated that the required records are kept and will be kept for the required time period.

#### 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).

#### **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.
- The Annual Report containing the required information was prepared by February 28th of the following year.
- Summary Reports for municipal council were completed on time, included the required content, and were distributed in accordance with the regulatory requirements.
- All changes to the system registration information were provided within ten (10) days of the change.



## 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:

Shayne Finlay

Signature: (Provincial Officer)

Reviewed & Approved By:

Signature: (Supervisor)

John Ritchie

Review & Approval Date: 13/07/2017

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.

DWS Name:	OLIPHANT DRINKING WATER SYSTEM
DWS Number:	220007695
DWS Owner:	South Bruce Peninsula, The Corporation Of The Town Of
Municipal Location:	The South Bruce Peninsula
Regulation:	O.REG 170/03
Category:	Small Municipal Residential System
Type Of Inspection:	Detailed
Inspection Date:	June 20, 2017
Ministry Office:	Owen Sound District Office

## Maximum Question Rating: 547

Inspection Module	Non-Compliance Rating
Source	0 / 40
Permit To Take Water	0 / 12
Capacity Assessment	0 / 42
Treatment Processes	0 / 72
Distribution System	0 / 25
Operations Manuals	0 / 42
Logbooks	0 / 30
Certification and Training	0 / 65
Water Quality Monitoring	0 / 87
Reporting & Corrective Actions	0 / 33
Treatment Process Monitoring	0 / 99
TOTAL	0 / 547

Inspection Risk Rating 0.00%

FINAL INSPECTION RATING: 100.00%

DWS Name:	OLIPHANT DRINKING WATER SYSTEM
DWS Number:	220007695
DWS Owner:	South Bruce Peninsula, The Corporation Of The Town Of
Municipal Location:	The South Bruce Peninsula
Regulation:	O.REG 170/03
Category:	Small Municipal Residential System
Type Of Inspection:	Detailed
Inspection Date:	June 20, 2017
Ministry Office:	Owen Sound District Office

### Maximum Question Rating: 547

Inspection Risk Rating 0.00%

FINAL INSPECTION RATING: 100.00%



# **APPENDIX A**

# **REFERENCE GUIDE FOR 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 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

ontario.ca/drinkingwater



# 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 Thrihalomethanes 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

ontario.ca/eaupotable

