

Ministry of the  
Environment,  
Conservation  
and Parks

Eastern Region  
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Peterborough ON  
K9J 3C7

Ministère de  
l'Environnement,  
de la Protection de  
la nature

et des Parcs  
Région de l'Est  
Bureau du district de  
Peterborough  
300, rue Water  
2<sup>e</sup> étage, Tour Sud  
Peterborough  
(Ontario) K9J 3C7



September 21, 2022.

William Cane,  
Mayor,  
The Corporation of the Township of Hamilton  
8285 Majestic Hills Dr.  
Cobourg, Ontario K9A 4W5

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**RE: 2022/23 Hamilton Township Distribution System Inspection Report 1-114446192**

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Please see the attached Ministry of the Environment, Conservation and Parks inspection report for the compliance inspection initiated for the Hamilton Township Distribution System on July 15, 2022.

A section of the report entitled **NON-COMPLIANCE** are typically linked to incidents of non-compliance with regulatory requirements contained within the Environmental Compliance Approval and its associated Acts and Regulations. It should be noted that there were no violations identified during this inspection. **Non-Conformance Items** convey information that the owner or operating authority should consider implementing to advance efforts already in place. Please note that items which appear as recommendations do not, in themselves, constitute violations.

Thank you for the assistance afforded to me during this compliance assessment. Please do not hesitate to call me at 705-768-9502 or Ms. Jacqueline Fuller, Supervisor, Safe Drinking Water Branch 705-768-0423, should you have any questions or concerns regarding the above.

Yours truly,

Corey Biswanger  
Water Inspector  
Peterborough District Office

Enclosure (1)

Cc: Natalie Bocking, Medical Officer of Health, Haliburton Kawartha Pine Ridge Health Unit  
Larry Spyrka, Manager of Capital Projects, Lakefront Utility Services  
Anita Schoenleber, Water Operations Manager, The Corporation of The Township of Hamilton  
Mina Aminnejad, Water Compliance Coordinator, Lakefront Utility Services  
Linda Laliberte, CAO/Secretary – Treasurer, Ganaraska Region Conservation Authority  
Jacqueline Fuller, Water Compliance Supervisor, Peterborough District Office, MECP



HAMILTON TOWNSHIP DISTRIBUTION SYSTEM  
,  
**Inspection Report**

System Number: 260039208

Entity: THE CORPORATION OF THE  
TOWNSHIP OF HAMILTON  
LAKEFRONT UTILITY SERVICES  
INC.

Inspection Start Date: 07/15/2022

Inspection End Date: 07/15/2022

Inspected By: Corey Biswanger

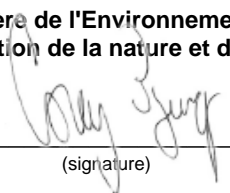
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### **1. Drinking Water System Inspection Report**

#### **Appendix:**

##### **A. Stakeholders Appendix**

  
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(signature)

### **NON-COMPLIANCE/NON-CONFORMANCE ITEMS**

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

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

### INSPECTION DETAILS

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

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

Question ID	MRDW1001001	Question Type	Information
<b>Question:</b> What was the scope of this inspection?			
<b>Legislative Requirement</b>	Not Applicable		
<b>Observation</b>			
<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. This inspection is for the period of July 8, 2021 to July 15, 2022.</p>			

Question ID	MRDW1000001	Question Type	Information
<b>Question:</b> Does this drinking water system provide primary disinfection?			
<b>Legislative Requirement</b>	Not Applicable		
<b>Observation</b>			
<p>This Drinking Water System provides for only secondary disinfection and distribution of water. Primary disinfection is undertaken by another regulated Drinking Water System which provides treated water to this Drinking Water System. This is a stand alone system that receives water from the Cobourg DWS.</p>			

<b>Question ID</b>	MRDW1018001	<b>Question Type</b>	Legislative
<b>Question:</b> Has the owner ensured that all equipment is installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?			
<b>Legislative Requirement</b>	SDWA   31   (1);		
<b>Observation</b>			
The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit. There is no equipment required to be installed in Schedule A or Schedule C.			

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

<b>Question ID</b>	MRDW1081001	<b>Question Type</b>	Legislative
<b>Question:</b> For LMR systems, are all microbiological water quality monitoring requirements for distribution samples being met?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   10-2   (1); SDWA   O. Reg. 170/03   10-2   (2); SDWA   O. Reg. 170/03   10-2   (3);		
<b>Observation</b>			
All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a large municipal residential system were being met.			

<b>Question ID</b>	MRDW1083001	<b>Question Type</b>	Legislative
<b>Question:</b>			

For LMR systems, are all microbiological water quality monitoring requirements for treated samples being met?	
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   10-3;
<b>Observation</b>	
All microbiological water quality monitoring requirements prescribed by legislation for treated samples were being met.	

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

<b>Question ID</b>	MRDW1086001	<b>Question Type</b>	Legislative
<b>Question:</b>			
Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   13-6.1   (1); SDWA   O. Reg. 170/03   13-6.1   (2); SDWA   O. Reg. 170/03   13-6.1   (3); SDWA   O. Reg. 170/03   13-6.1   (4); SDWA   O. Reg. 170/03   13-6.1   (5); SDWA   O. Reg. 170/03   13-6.1   (6);		
<b>Observation</b>			
All haloacetic acid water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.			

<b>Question ID</b>	MRDW1087001	<b>Question Type</b>	Legislative
<b>Question:</b>			
Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?			
<b>Legislative Requirement</b>	SDWA   O. Reg. 170/03   13-6   (1); SDWA   O. Reg. 170/03   13-6   (2); SDWA   O. Reg. 170/03   13-6   (3); SDWA   O.		



	Reg. 170/03   13-6   (4); SDWA   O. Reg. 170/03   13-6   (5); SDWA   O. Reg. 170/03   13-6   (6);
<b>Observation</b>	
All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.	

<b>Question ID</b>	MRDW1054001	<b>Question Type</b>	Information
<b>Question:</b>			
For stand alone connected distribution systems, if the receiving system is claiming the exemptions to O. Reg. 170/03 available under subsection 5(4), does the agreement with the donor satisfy the requirements prescribed by subsection 5(4)?			
<b>Legislative Requirement</b>	Not Applicable		
<b>Observation</b>			
The receiving system was claiming exemptions to O. Reg. 170/03 available under subsection 5(4), and the agreement with the donor satisfied the requirements prescribed by subsection 5(4). The Hamilton Township Distribution System and the Cobourg Drinking Water System have a written agreement dated August 1, 2018, stating that the Hamilton Township Distribution System will be operated as an extension of the Cobourg Distribution System.			
The agreement satisfies the requirements prescribed by section 5(4) of O.Reg.170/03.			

<b>Question ID</b>	MRDW1071000	<b>Question Type</b>	BMP
<b>Question:</b>			
Has the owner provided security measures to protect components of the drinking water system?			
<b>Legislative Requirement</b>	Not Applicable		
<b>Observation</b>			
The owner had provided security measures to protect components of the drinking water system.			



**APPENDIX A**  
**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 Ministry if you need assistance or have questions at 1-866-793-2588 or [waterforms@ontario.ca](mailto:waterforms@ontario.ca).

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



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

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

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



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

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