

Ministry of the Environment,  
Conservation and Parks

1094 London Road  
Sarnia, ON N7S 1P1  
Tel.: 519 336-4030  
Fax: 519 336-4280

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

1094 chemin London  
Sarnia, ON N7S 1P1  
Tél.: 519 336-4030  
Télééc.: 519 336-4280



File: SI-ES-LE-540  
Leamington (Union) DS

July 11, 2018

Municipality of Leamington  
111 Erie St. North  
Leamington, ON N8H 2Z9

Attention: Mr. Peter Neufeld  
Chief Administrative Officer  
[pneufeld@leamington.ca](mailto:pneufeld@leamington.ca)

Dear Mr. Neufeld:

**Re: June 13, 2018 Inspection – Leamington (Union) Distribution System**

Enclosed is a copy of the inspection report prepared for the Leamington (Union) Distribution System, under the Ministry's focused inspection protocol to assess compliance with *Safe Drinking Water Act* legislation. The report is based on conditions encountered at the time of inspection, and subsequent follow-up.

No Required Actions or Best Practice Recommendations are documented in the report.

Please note that as of June 29, 2018 the Ministry of the Environment and Climate Change's name has changed to the Ministry of the Environment, Conservation and Parks. This name change will take some time to be reflected in ministry materials and systems.

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 councillors, 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 under "Resources" on the Drinking Water Ontario website at [www.ontario.ca/drinkingwater](http://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), included as Appendix D of the inspection report, provides the Ministry, the system owner and the local Public Health Unit with a summarized quantitative measure of the drinking water system's annual inspection and regulated water quality testing performance. IRR ratings are published (for the previous inspection year) in the Ministry's Chief Drinking Water Inspectors' Annual Report.

Should you note any errors or omissions or have any concerns, please contact me at (519) 383-3785, or Marc Bechard at (519) 383-3778.

Yours truly,

---

Al Petersen  
Provincial Officer  
Safe Drinking Water Branch, Sarnia District Office  
[al.petersen@ontario.ca](mailto:al.petersen@ontario.ca)

cc: Dr. Wajid Ahmed, Acting Medical Officer of Health, Windsor-Essex County HU, [wahmed@wechu.org](mailto:wahmed@wechu.org)  
Theresa Marentette, Director of Health Protection, Windsor-Essex County HU, [tmarentette@wechu.org](mailto:tmarentette@wechu.org)  
Mike Tudor, Manager, Health Inspection Dept, WECHU, [mtudor@wechu.org](mailto:mtudor@wechu.org)  
Phil Wong, Manager, Health Inspection and EP, WECHU, [pwong@wechu.org](mailto:pwong@wechu.org)  
Robert Sharon, Director of Infrastructure Services, Municipality of Leamington, [rsharon@leamington.ca](mailto:rsharon@leamington.ca)  
Shannon Belleau, Manager of Environmental Services, Mun. of Leamington, [sbelleau@leamington.ca](mailto:sbelleau@leamington.ca)  
Nelson Carvalho, Water Services Supervisor, Municipality of Leamington, [ncarvalho@leamington.ca](mailto:ncarvalho@leamington.ca)  
Rodney Bouchard, Manager, Union AWSS, [rbouchard@unionwater.ca](mailto:rbouchard@unionwater.ca)  
Dale Dillen, Operations Manager – Union AWSS, OCWA, [ddillen@ocwa.com](mailto:ddillen@ocwa.com)  
Ken Penney, PCT – Union AWSS, OCWA, [kpenney@ocwa.com](mailto:kpenney@ocwa.com)  
Katie Stammler, Source Water Protection Manager, Essex Region CA, [kstammler@erca.org](mailto:kstammler@erca.org)  
Marc Bechard, Drinking Water Supervisor, MECP Sarnia District, [marc.bechard@ontario.ca](mailto:marc.bechard@ontario.ca)  
File: SI-ES-LE 540 Leamington (Union) Distribution System, Mun. of Leamington (2018/19)



**Ministry of the Environment and Climate Change**

**LEAMINGTON DISTRIBUTION SYSTEM - UNION DS  
Inspection Report**

<b>Site Number:</b>	220004992
<b>Inspection Number:</b>	1-ICRQV
<b>Date of Inspection:</b>	Jun 13, 2018
<b>Inspected By:</b>	Al Petersen

---

**Table of Contents**

---

Owner Information	2
Inspection Details	2
Inspection Summary	4
Introduction	4
Treatment Processes	4
Treatment Processes Monitoring	5
Distribution System	5
Operations Manuals	5
Logbooks	6
Certification and Training	6
Water Quality Monitoring	6
Water Quality Assessment	7
Other Inspection Findings	7
Non Compliance with Regulatory Requirements and Actions Required	9
Summary of Best Practice Issues and Recommendations	10
Signatures	11
Appendix A: Stakeholder Appendix	
Appendix B: Inspection Audit Sample Results	
Appendix C: Provincial Officer Report(s) and Order(s)	
Appendix D: Inspection Risk Rating	

**OWNER INFORMATION:**

<b>Company Name:</b>	LEAMINGTON, THE MUNICIPALITY OF THE TOWNSHIP OF		
<b>Street Number:</b>	111	<b>Unit Identifier:</b>	
<b>Street Name:</b>	ERIE St N		
<b>City:</b>	LEAMINGTON		
<b>Province:</b>	ON	<b>Postal Code:</b>	N8H 2Z9

**CONTACT INFORMATION**

<b>Type:</b>	Operating Authority	<b>Name:</b>	Nelson Carvalho
<b>Phone:</b>	(519) 326-4454	<b>Fax:</b>	(519) 326-5987
<b>Email:</b>	ncarvalho@leamington.ca		
<b>Title:</b>	Supervisor, Leamington Water Services, Municipality of Leamington		

<b>Type:</b>	Owner	<b>Name:</b>	Shannon Belleau
<b>Phone:</b>	(519) 326-5761 x1650	<b>Fax:</b>	(519) 326-2481
<b>Email:</b>	sbelleau@leamington.ca		
<b>Title:</b>	Manager of Environmental Services, Leamington		

<b>Type:</b>	Other - specify	<b>Name:</b>	Ken Penney
<b>Phone:</b>	(519) 326-4447	<b>Fax:</b>	(519) 326-0450
<b>Email:</b>	kpenney@ocwa.com		
<b>Title:</b>	Process & Compliance Technician, OCWA		

**INSPECTION DETAILS:**

<b>Site Name:</b>	LEAMINGTON DISTRIBUTION SYSTEM - UNION DS
<b>Site Address:</b>	LEAMINGTON
<b>County/District:</b>	LEAMINGTON
<b>MOECC District/Area Office:</b>	Windsor Area Office
<b>Health Unit:</b>	WINDSOR-ESSEX COUNTY HEALTH UNIT
<b>Conservation Authority:</b>	Essex Region Conservation Authority
<b>MNR Office:</b>	Chatham Regional Office
<b>Category:</b>	Large Municipal Residential
<b>Site Number:</b>	220004992
<b>Inspection Type:</b>	Announced
<b>Inspection Number:</b>	1-ICRQV
<b>Date of Inspection:</b>	Jun 13, 2018
<b>Date of Previous Inspection:</b>	Sep 12, 2017

**COMPONENTS DESCRIPTION**

<b>Site (Name):</b>	LEAMINGTON (UNION) DISTRIBUTION SYSTEM	
<b>Type:</b>	Other	<b>Sub Type:</b>
<b>Comments:</b>	The Leamington (Union) Distribution System forms part of a standalone distribution system owned by the Municipality	

---

of Leamington. It supplies water to the majority of the Town of Leamington from the Union Water Supply System (UAWSS) located in Ruthven, Ontario. The Town of Leamington is part owner of the UAWSS through the Union Water System Joint Board of Management. According to the drinking water system profile, a population of approximately 31,000 residents is served by the Leamington Distribution System. It therefore falls into the "large municipal residential" category under O. Regulation 170/03.

Two 750 mm pressure pipes take treated water (supplied with chloramination for secondary disinfection) from the UAWSS along County Road 34, and a right of way to the north of it, into the Town of Leamington from the west boundary of the municipality. These trunk mains, the Leamington 1500 m<sup>3</sup> elevated tank, and the newer 6800 m<sup>3</sup> Albuna tower (located in Kingsville at the municipal boundary) are owned by the UAWSS and are not included within the scope of this inspection. The two elevated storage structures maintain distribution system pressure, controlled and monitored from the UAWSS. The Leamington (Union) distribution system also has an interconnect to the Stoney Point Drinking Water System in the Town of Lakeshore at Hwy. 77 and County Road 8. This valve is closed at all times and will only be opened in an emergency.

---

## 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.

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 an inspection of a "stand alone connected distribution system". This type of system receives treated water from a separately owned "donor" system. This report contains the elements required to assess key compliance and conformance issues associated with a "receiver" system. This report does not contain items associated with the inspection of the donor system, such as source waters, intakes/wells and treatment facilities.

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.

Specifically, this review includes an assessment of compliance / conformance in relation to the following:

- Drinking Water Systems Regulation (O. Reg. 170/03);
- Drinking Water Operator and Water Quality Analyst Certification Regulation (O. Reg. 128/04) with respect to facility certification, operator licensing and operating standards;
- Drinking Water System Licence 033-101, Issue Number 4., issued November 2, 2016, related to selected Performance, Monitoring and Recording, Operations and Maintenance requirements;
- Drinking Water Works Permit 033-201, Issue Number 4, issued November 2, 2016, and
- Ontario Drinking Water Quality Standards based on water quality data generated since the previous inspection.

The inspection was conducted on an announced basis. Initial activity was conducted on June 13, 2018, with

- collection of operational documents and staff interviews with the Leamington Water Services group.
- audit sampling at two locations in the distribution system .
- collection of sampling and operational results from the Ontario Clean Water Agency (OCWA).

The inspection covers the period from September 1, 2017 to May 31, 2018.

### Treatment Processes

- The owner/operating authority was in compliance with the requirement to prepare Form 1 documents as

### Treatment Processes

required by their Drinking Water Works Permit during the inspection period.

Form 1 records "Record of Watermains Authorized as a Future Alteration" were prepared, for:

- New 150 mm diameter watermains included in the replacement of old infrastructure on Chestnut Street, Marlborough Street West, and new main looping on Fox Street. The document was prepared in March 2017.
- New 150 mm diameter watermains included in the replacement of old infrastructure including smaller diameter mains on portions of Russell Street and Fox Street. The document was prepared in May 2017.
- New 150 mm diameter watermains to replace the old main (abandoned in place) on Danforth Avenue. The document was prepared in April 2017.
- New 300 and 200 mm diameter watermains to replace old 150 mm mains on Bevel Line. The document was prepared in July 2016.
- New 200 mm diameter watermains to replace old 200 mm mains on Point Pelee Drive. The document was prepared in July 2016.

### Treatment Process Monitoring

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

Logs show that distribution system combined chlorine residuals were taken and measured seven times per week as required; generally four and three times on separate days, with the sets of measurements being made at least 48 hours apart.

### Distribution System

- **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).**

Three distribution repair activities between September 2017 and May 2018 were determined, from work orders, which required disinfection of repair parts. These all consisted of conducting repairs under pressure, with no removal of mains from service. Subsequent flushing and testing of disinfection residuals was documented.

### Operations Manuals

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

For distribution system repairs and activities, Leamington Water Services operators have access to maps produced on the owner's GIS system; available via computer in the operator shop. All water service trucks are outfitted with a laptop to access this information in the field, plus are equipped with portable jump drives which contain CAD and hand-drawn files showing ground level detail with hydrants, valves and services. Three other service trucks, including the mobile locating unit, are also outfitted with VPN connection capabilities to view the latest network files. Jump drives are updated with the latest files on a monthly basis.

There is a comprehensive hardcopy set of individual maps organized by ward (both urban and rural) showing the ground level detail of distribution main location, valves, hydrants and water services. When these maps are created or modified, they are scanned and sent for updating in the GIS system master record.

- **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.**

Condition 16.2 of Leamington's Drinking Water System licence includes the following conditions regarding procedures to be maintained in the operations manual:



### Operations Manuals

- 16.2.1 The requirements of this licence and associated procedures;
- 16.2.2 The requirements of the drinking water works permit for the drinking water system;
- 16.2.3 A description of the processes used to maintain secondary disinfection within the drinking water system;
- 16.2.4 Procedures for monitoring and recording the in-process parameters necessary for the control of any treatment subsystem and for assessing the performance of the drinking water system;
- 16.2.5 Procedures for the operation and maintenance of monitoring equipment;
- 16.2.6 Contingency plans and procedures for the provision of adequate equipment and material to deal with emergencies, upset conditions and equipment breakdown;
- 16.2.7 Procedures for dealing with complaints related to the drinking water system, including the recording of the nature of the complaint and any investigation and corrective action taken in respect of the complaint.

The available Operational Plant and standard operating procedures appear to satisfy these conditions.

### Logbooks

- **Logbooks were properly maintained and contained the required information.**

Operator's conducting compliance and operational testing record their activities pertaining to the distribution system on laboratory chain of custody sheets and log sheets used to record operational readings.

The Leamington Water Services group maintains a Daily Operational Logbook for the two water service areas it oversees. Repair records, work orders and log sheets are used to document details of these activities.

- **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.**

Free and total chlorine residual monitoring, conducted during regular compliance chloramination program sampling, was done by certified operators from the UAWSS operated by the Ontario Clean Water Agency.

The owner conducts additional chlorine residual monitoring during quarterly flushing of hydrants and other maintenance and repair activities. Flushing tables and log entries show that Leamington Water Services certified operators conducted these tests.

### Certification and Training

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

The roles and responsibilities of overall responsible operator (ORO) are designated to the Supervisor of Leamington Services, and are spelled out in the section of the owner's operational plan entitled: "Organizational Structure, Roles, Responsibilities, and Authorities".

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

The ORO is also generally the Operator in charge (OIC) responsible for directing daily activities. Other licenced operators acting as operator in charge identify their designation in the daily pages of the log book detailing their duties for the day.

### Water Quality Monitoring

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

O. Regulation 170/03 requires the owner and operating authority to take a minimum of one sample per week, and at least 39 samples per month from the distribution system. All samples must be analysed for E. coli and total

### Water Quality Monitoring

coliforms. In addition, at least 25% of the distribution microbiological samples must be analysed for heterotrophic plate count (HPC).

Microbiological water quality monitoring data was reviewed for the period from September 1, 2017 to May 1, 2018. The owner surpassed minimum requirements. The distribution system was normally sampled at a minimum of 10 locations every week, from approximately 25 routine sample locations, resulting in a minimum of 40 to 50 samples per month.

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

As required under O. Regulation 170/03 Schedule 13-6.1, samples must be taken and analysed for haloacetic acids each calendar quarter. Samples must be taken no less than 60 days and no greater than 120 days after the sample taken in the previous three-month period. Samples were taken as required, and within the prescribed time frame.

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

As required under O. Regulation 170/03 Schedule 13-6, samples must be taken and analysed for Trihalomethanes each calendar quarter. Samples must be taken no less than 60 days and no greater than 120 days after the sample taken in the previous three-month period. Samples were taken as required, and within the prescribed time frame.

- **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).**

The following water quality is noted from the owner's results for treated water samples collected from September 1, 2017 to May 31, 2018:

- (i) Microbiological quality consistently met Ontario Drinking Water Quality Standards. None of the 391 routine distribution samples yielded an adverse E- coli or total coliform count.
- (ii) Trihalomethane samples from the distribution system yielded an average concentration of 0.0225 mg/L for the last four quarters of sampling, below the drinking water standard of 0.100 mg/L (running annual average). The Technical Support Document for Ontario Drinking Water Quality Standards, Objectives and Guidelines indicates that trihalomethanes in drinking water are primarily produced by the reaction of chlorine and the naturally occurring organics (precursors) in the water.
- (iii) Sampling for nitrification products associated with chloramination yielded results that were within Ontario Drinking Water Quality Standards for nitrites (as N) and nitrates (as N). The sampling program during the review period consisted of 39 samples. The maximum nitrite and nitrate concentrations found were <0.1 mg/L (non-detectable) and 0.9 mg/L respectively. Ontario Drinking Water Standards for these parameters are 1 mg/L and 10 mg/L respectively.

Two audit distribution samples were taken as part of the inspection and tested for free and total chlorine disinfectant residual levels. These operational sample readings are recorded in Appendix B.

### Other Inspection Findings

- **The following items are noted as being relevant to the Drinking Water System:**

### Other Inspection Findings

Records confirmed that the distribution system was operated, such that at all time and all locations where there is a daily flow, there was at least a free chlorine residual of 0.05 mg/L, as prescribed in Section 4 of the Procedure for Disinfection of Drinking Water in Ontario.

Secondary disinfection is supplied entirely by the UAWSS. No re-chlorination takes place after entering the Leamington (Union) distribution system. A review of available data from September 1, 2017 to May 31, 2018 revealed that:

1. Test results from the distribution system showed that none of the 391 grab samples taken during routine bacteriological sampling had a combined chlorine residual of less than 0.25 mg/L.
2. Additional available records of chlorine residual monitoring done during weekly checks of the distribution system showed that none of the approximately 120 extra grab samples taken had a combined chlorine residual of less than 0.25 mg/L.
3. Additional available records of chlorine residual monitoring done during Leamington Water Services' checks of the distribution system at dead-end blowoff and hydrant locations in 2017 (from September and December) showed that none of the approximately 305 grab samples taken had a combined chlorine residual of less than 0.25 mg/L.

**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:

Al Petersen

Signature: (Provincial Officer)

Reviewed &amp; Approved By:

Marc Bechard

Signature: (Supervisor)

Review &amp; Approval Date:

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.



---

**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](mailto:picemail.moe@ontario.ca).

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





---

**Inspection Audit Sample Results**

---

## Ministry Audit Samples - Operational Results

Sample Type	Location Leamington (Union) Distribution System	Date/Time June 13, 2018	Bacti Sample	Field Reading		Owner's Sample / Analyser Reading	
				F / T Cl <sub>2</sub>	turb.	F / T Cl <sub>2</sub>	turb.
Distribution	Leamington Water Services, 10 Hazelton Ave.	11:30 AM	N	1.46 free 1.68 total	-	-	-
Distribution	Leamington Pollution Control Centre 435 Seacliff Drive East	12:00 PM	N	1.07 free 1.23 total	-	-	-

---

**Provincial Officer Report(s) and Order(s)**

---

Not applicable



---

**Inspection Rating Record**

---

Ministry of the Environment - Inspection Summary Rating Record (Reporting Year - 2018-2019)

<b>DWS Name:</b> LEAMINGTON DISTRIBUTION SYSTEM - UNION DS
<b>DWS Number:</b> 220004992
<b>DWS Owner:</b> Leamington, The Corporation Of The Municipality Of
<b>Municipal Location:</b> Leamington

**Regulation:** O.REG 170/03  
**Category:** Large Municipal Residential System  
**Type Of Inspection:** Adhoc  
**Inspection Date:** June 13, 2018  
**Ministry Office:** Windsor Area Office

**Maximum Question Rating:** 157

Inspection Module	Non-Compliance Rating
Treatment Processes	0 / 4
Distribution System	0 / 21
Operations Manuals	0 / 28
Logbooks	0 / 18
Certification and Training	0 / 14
Water Quality Monitoring	0 / 51
Treatment Process Monitoring	0 / 21
<b>TOTAL</b>	<b>0 / 157</b>

<b>Inspection Risk Rating</b>	<b>0.00%</b>
-------------------------------	--------------

<b>FINAL INSPECTION RATING:</b>	<b>100.00%</b>
---------------------------------	----------------

Ministry of the Environment - Detailed Inspection Rating Record (Reporting Year - 2018-2019)

**DWS Name:** LEAMINGTON DISTRIBUTION SYSTEM - UNION DS  
**DWS Number:** 220004992  
**DWS Owner:** Leamington, The Corporation Of The Municipality Of  
**Municipal Location:** Leamington

**Regulation:** O.REG 170/03  
**Category:** Large Municipal Residential System  
**Type Of Inspection:** Adhoc  
**Inspection Date:** June 13, 2018  
**Ministry Office:** Windsor Area Office

**Maximum Question Rating:** 157

**Inspection Risk Rating** | 0.00%

**FINAL INSPECTION RATING:** | 100.00%