



2021 Annual Performance & Summary Report Middlesex Centre Distribution System

Date: February 15, 2022

*Alternative Formats: If you require this document in an alternative format
please contact the Municipality of Middlesex Centre at 519-666-0190
or customerservice@middlesexcentre.on.ca*

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Introduction

The Municipality of Middlesex Centre prepares a report summarizing system operation and water quality for every municipal drinking water system annually. The reports detail the latest water quality testing results, water quantity statistics and any adverse conditions that may have occurred for the previous year. They are available for review by the end of February on the Municipality of Middlesex Centre website at www.middlesexcentre.on.ca/services/residents/water or by contacting the Public Works Department.

All efforts have been made to ensure the information presented in this report is accurate. If you have any questions or comments concerning the report, please contact the Municipality of Middlesex Centre.

Table 1 – Plant Information

Drinking Water System	Middlesex Centre Distribution System
Drinking Water System Number	260004202
Drinking Water System Owner & Contact Information	Municipality of Middlesex Centre Large Municipal Distribution System 10227 Ilderton Road, RR #2 Ilderton, Ontario N0M 2A0
Reporting Period	January 1, 2021 to December 31, 2021

Section A – System Description

The Middlesex Centre Distribution System is owned and operated by the Municipality of Middlesex Centre. The system operates under Municipal Drinking Water License Number 052-101 and Drinking Water Works Permit Number 052-201. This system is made up of the following water systems:

- Arva Distribution System
- Ballymote Distribution System
- Delaware Distribution System
- Denfield Distribution System
- Ilderton Distribution System
- Komoka-Kilworth Distribution System

The water supply for the Arva Distribution System is obtained from a 1050 mm pipeline maintained by the City of London Water Supply System. A 200mm ductile-iron pipeline with flow meter and in-line vertical turbine fire pump distributes treated water. There is

an on-line chlorine analyzer and paperless recorder. Two chemical metering pumps are available for secondary disinfection to boost sodium hypochlorite levels.

The Ballymote Distribution System is supplied by a 200mm water main from the City of London. A re-chlorination injection point exists with a portable chlorine feed system, a sampling tap immediately downstream from the injection point and a chlorine analyzer measure free chlorine residual in the water entering the distribution system.

The Delaware Drinking Water System receives water through a 150 mm water main from the City of London Distribution System connection at the Delaware Re-chlorination facility. The re-chlorination facility consists of two chemical metering pumps, a chemical storage tank, flow meter, piping, SCADA and a chlorine residual analyzer. The water is supplied to the distribution and elevated storage tank by an automatic valve and controls.

The water supply for the Denfield Distribution System is obtained from the 1200 mm pipeline of the LHPWSS. High lift pumps at the Denfield reservoir draw from the above ground storage tank and provide water to the distribution system. The Denfield system is equipped with two fixed speed pumps and one variable speed pump. Two sodium hypochlorite disinfection systems are used to boost chlorine entering and leaving the storage tank.

The water supply for the Ilderton distribution system is obtained from the LHPWSS. High lift pumps at the Ilderton reservoir provide water to the distribution system and the tower, which provides pressure for the distribution system. The reservoir is equipped with three high lift pumps. A sodium hypochlorite disinfection system is used to boost chlorine entering the distribution system.

The water supply for the Komoka-Kilworth distribution system is obtained from the LHPWSS. High lift pumps at the Komoka reservoir draw from the above ground storage tank and provide water to the distribution system and the tower. The reservoir is equipped with two high lift pumps. Two sodium hypochlorite disinfection systems are used to boost chlorine entering and leaving the storage tank.

Section B – Water Treatment Chemicals Used

- 12% sodium hypochlorite
- 6% sodium hypochlorite

Section C – Modifications & Replacements

Modifications & Replacements	
Denfield Distribution System	
February 2 – Installed new chlorine injector for Chlorine Dosing Pump - 01 and Chlorine Dosing Pump -02	\$1,796.00
February 8 – Replaced Booster Water Pump-01 motor capacitor	\$870.00
October 5 – 2” potable water supply line backflow preventer repaired and tested by Copper Snake Plumbing	\$339.00
Komoka Distribution System	
November 24 – Installed inline check valve on Tower overflow pipe	\$ 3,112.02
December 13 – Replaced Logix PLC card battery	\$176.23
Arva Distribution System	
February 1 – Installed new ball valve for chlorine analyzer supply line	\$130.00
Ilderton Distribution System	
June 3 – Installed 1” air vacuum valve on discharge header	\$ 550.31
August 5 – Installed new chlorine injectors	\$1,796.00
August 26 – Booster Water Pump- 02 Variable Frequency Drive ports cleaned	\$220.35
November 24 – Installed inline check valve on reservoir overflow pipe	\$1,925.52
December 22 – Replaced Logix PLC card internal battery	\$176.23

Section D – Microbiological Testing

(I) E. coli & Total Coliform

Bacteriological tests for E. coli and total coliforms in the distribution water are collected on a weekly schedule in various location throughout the distribution system. Extra samples are taken after major repairs or maintenance work. Any E. coli or total coliform results above 0 in treated distribution water must be reported to the Ministry of Environment, Conservation and Parks (MECP) and Medical Officer of Health (MOH). Resamples and any other required actions are taken as quickly as possible. The results from the 2021 sampling program are shown on the table below.

Table 2 – E. Coli & Total Coliform Samples

	Number of Samples	Range of E. coli Results Min – Max	Range of Total Coliform Results Min – Max
Distribution	282	0 - 0	0 - 0

(II) Heterotrophic Plate Count (HPC)

HPC analyses are required from the distribution water on a bi-weekly basis. HPC should be less than 500 colonies per 1 mL. Results over 500 colonies per 1 mL may indicate a change in water quality but it is not considered an indicator of unsafe water. The 2021 results are shown in the table below.

Table 3 – Heterotrophic Plate Count (HPC) Samples

Parameters	Number of Samples	Range of HPC Results Min-Max
Distribution	108	<10 - 100

Section E – Chemical Testing

The Safe Drinking Water Act requires periodic testing of the water for chemical parameters. The sampling frequency varies for different types and sizes of water systems. If the concentration of a parameter is above half of the Maximum Allowable Concentration (MAC) under the Ontario Drinking Water Quality Standards, an increased testing frequency of once every three months is required by the Regulation. Where concerns regarding a parameter exist, the MECP can also require additional sampling be undertaken.

(I) Trihalomethane (THM) & Haloacetic Acids (HAA)

The Middlesex Distribution System collected samples for Trihalomethane (THM) and total Haloacetic Acids (HAA) which are by-products of the disinfection process. Samples were collected every 3 months from the distribution system.

Table 4 – Quarterly Trihalomethane & Haloacetic Acid

Parameter & Sample Date	Result (mg/l)	Annual Rolling Average (mg/l)	MAC (mg/l)	Exceedance
Trihalomethane				
1st Quarter	25.0	29.75	100	No
2nd Quarter	28.0	29.50	100	No
3rd Quarter	28.0	29.25	100	No

Parameter & Sample Date	Result (mg/l)	Annual Rolling Average (mg/l)	MAC (mg/l)	Exceedance
4th Quarter	46.0	31.75	100	No
Haloacetic Acid (HAA)				
1st Quarter	13.9	16.80	80	No
2nd Quarter	15.9	16.40	80	No
3rd Quarter	15.2	16.25	80	No
4th Quarter	20.5	16.38	80	No

(II) Lead Testing Program

The following Table summarizes the most recent results for the Lead Testing Program. Lead samples are twice per year in the winter sample period and the summer sample period as outlined below. Alkalinity and pH are monitored twice per year in the distribution system to ensure water quality is consistent and does not facilitate leaching of lead into the water.

As identified in Schedule D of the Municipal Drinking Water License #052-101, Middlesex Centre was granted Regulatory Relief for Lead sampling. The number of sampling points has been reduced to the following:

Table 5 – Regulatory Relief

Number of Sampling Points Required for Relief from Regulatory Requirements				
Column 1 Drinking Water System or Drinking Water Subsystem Name	Column 2 DWS Numbers	Column 3 Number of Sampling Points in Plumbing that Serves Private Residences	Column 4 Number of Sampling Points in Plumbing that Does Not Serve Private Residences	Column 5 Number of Sampling Points in Distribution System
Middlesex Centre Distribution System	260004202	20	2	4

Ontario Regulation 75/20 made under the Emergency Management and Civil Protection Act issued an emergency order for regulatory relief for drinking water system. With the unprecedented situation facing the province and municipality in responding to the COVID-19 outbreak, Middlesex Centre utilized the pandemic related temporary regulatory relief (alternate arrangement) for the Middlesex Centre Municipal Residential Distribution System. Temporary relief was granted for sampling within residential homes within the Middlesex Centre Distribution System during the winter sample period between December 15, 2020 to April 15, 2021 and the summer sample period of June 15, 2021 to October 15, 2021. The approved Application for Pandemic Related Temporary Regulatory Relief are shown in Appendix

C. The samples results below are for the Middlesex Centre Distribution System and services that do not serve private residents.

Table 6 – Lead Sampling

Parameter	Max Result Values	MAC	Exceedance
Winter Sample (Dec. 15 – April 15)			
Lead (µg/l)	1.17	10	No
Distribution Alkalinity (mg/l)	86	*30 - 500	No
Distribution pH	7.67	-	No
Summer Sample (June 15 – Oct. 15)			
Lead (µg/l)	0.26	10	No
Distribution Alkalinity	79	*30 – 500	No
Distribution pH	8.4	-	No

**Distribution alkalinity is an aesthetic objective / Operational Guideline with a range between 30 mg/l to 500 mg/l.*

Middlesex Centre Distribution System has been granted Regulatory Relief for lead sampling as outlined in Table 2, Schedule D Conditions for Relief from Regulatory Requirements in the Regulatory Drinking Water Licence # 052-101, Issue #4 dated October 26, 2017. Middlesex Centre is required to take twenty (20) lead samples from plumbing that serve Private Residence, two (2) samples that do not serve private residents and four (4) samples from the distribution system. Samples results from the summer and winter lead sampling period are listed in Appendix A.

Section F – Operational Monitoring

(I) Chlorine Residual

Free chlorine levels of the treated water are monitored continuously at the discharge point of the Water Treatment Facility. In the distribution system, free chlorine is checked daily at various locations. As a target, free chlorine residual within the distribution system should be above 0.20 mg/L. A free chlorine level lower than 0.05 mg/L must be reported and corrective action taken. There were no reportable incidents in 2021. A summary of the chlorine residual readings is provided in the table below.

Table 7 – Chlorine Residuals

Parameter	Number of Tests or Monitoring Frequency	Range of Results (Min – Max)
Chlorine residual Point of Entry (POE) (mg/L)	Continuous	0.41 – 4.49

Section G – Water Quantity

Continuous monitoring of flowrates from the supply systems to the Middlesex Distribution System is required by Regulation 170/03. The Municipality of Middlesex Centre receives water from the Lake Huron Water Supply System and the London Distribution system in Delaware. A summary of the 2021 flows are provided below.

Table 8 – Arva Water 2021 Flows

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
Treated Flow	m3	2,207	2,154	2,486	2,593	4,816	5,992	4,410	5,249	3,936	6,130	2,377	2,449	3,733
Raw Avg.	m3/d	78	85	98	112	293	300	221	243	177	2,147	93	109	330
Raw Max	m3/d	71	77	80	86	155	200	142	169	131	198	79	79	122

Table 9 – Ballymote Water 2021 Flows

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
Treated Flow	m3	553	518	596	722	853	1,774	1,147	1,081	1,261	629	579	637	863
Raw Avg.	m3/d	24	23	24	46	50	294	203	274	533	28	24	29	129
Raw Max	m3/d	18	18	19	19	17	59	37	35	42	20	19	21	28

Table 10 – Delaware Water 2021 Flows

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
Treated Flow	m3	12,968	8,583	9,086	9,300	12,984	14,234	13,087	12,873	11,354	10,769	8,250	7,813	10,942
Raw Avg.	m3/d	175	223	95	382	823	779	1,016	884	649	533	552	449	547
Raw Max	m3/d	780	397	394	310	419	474	422	415	378	347	275	252	405

Table 11 – Denfield Water 2021 Flows

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
Treated Flow	m ³	1,055	877	945	1,052	1,804	1,628	1,217	1,190	1,109	943	848	963	1,136
Raw Avg.	m ³ /d	52	39	39	61	154	109	61	28	26	38	34	42	57
Raw Max	m ³ /d	34	31	30	35	58	54	39	57	62	30	28	31	41

Table 12 – Ilderton Water 2021 Flows

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
Treated Flow	m ³	19,272	17,837	23,212	22,126	25,488	25,377	23,390	24,427	19,358	18,935	18,219	19,110	21,396
Raw Avg.	m ³ /d	914	1,076	1,157	1,336	1,396	1,500	1,256	1,329	1,255	1,087	1,237	1,018	1,213
Raw Max	m ³ /d	622	637	749	738	822	846	755	788	645	611	607	616	703

Table 13 – Komoka Water 2021 Flows

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg.
Treated Flow	m ³	30,145	30,673	32,553	30,869	40,480	46,094	41,763	43,905	35,150	32,834	30,880	33,221	35,714
Raw Avg.	m ³ /d	1,111	1,535	1,279	1,284	1,899	2,090	1,756	1,845	1,383	1,254	1,227	1,332	1,500
Raw Max	m ³ /d	972	1,095	1,050	1,029	1,306	1,536	1,347	1,416	1,172	1,059	1,029	1,072	1,174

Section H – Non-Compliance Findings & Adverse Results

Section 6 documents any known incidents of non-compliance or adverse results and the associated correction actions taken to resolve the issue. Non-compliance issues are typically identified by either the Operating Authority or the MECP Drinking Water Inspectors. All non-compliance issues are investigated, corrective actions taken and documented using the Municipalities Drinking Water Quality Management System (DWQMS) procedures.

Non-Compliance Findings

The MECP conducted an announced routine inspection of the Middlesex Centre Distribution System on July 22, 2021. There were no non-compliance findings.

Summary of Reporting Adverse Test Results and Other Problems (Schedule 16)

AWQI # 154942 – Loss of water service & Boil Water Advisory

The single watermain that feeds the Town of Ballymote is being fed water from the City of London via a temporary by-pass line while a repair is completed on the primary distribution line at the corner of Sunningdale Road & Highbury Ave. When water service was restored by the City of London all hydrants within the Ballymote system were opened starting with the first hydrant along Highbury Ave Hydrant Ba-05 then Ba-02 & Ba-04, air was allowed to evacuate and then hydrants Ba-01 & Ba-03 were opened along Medway road to also allow air to be evacuated and water to flush. All hydrants were left open to evacuate all remaining air and actively flush water from the system from 17:47 to 18:48. Free chlorine residual tests were taken at the time of sampling and also monitoring on the distribution line chlorine analyzer.

AWQI # 154599 - Missed sample event

Samples collected on Monday July 5, 2021 by staff in the Middlesex Distribution System but were forgotten to be taken to the Lab for analysis. Staff were instructed to immediately collect a new set of samples on Friday July 9, 2021. Operations Staff re-took the samples from the distribution system on Friday July 9, 2021 starting at approximately 19:00 and then have them submitted to SGS Canada for analysis. The samples were delivered to SGS Canada on July 10, 2021 at approximately 10:00. SAC was verbally informed on July 10, 2021 that samples were submitted to SGS (lab) on July 10, 2021. Middlesex London Health Unit was notified of event on July 9, 2021 at 21:50 to inform them that both forms 2A and 2B would be completed, no further action was required.

APPENDIX A – ANALYTICAL DATA

SGS Canada Inc.

657 Consortium Court
London - Ontario - N6E 2S8
Phone: 519-672-4500 FAX: 519-672-0361

08-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 04 January 2021
LR Report: CA20058-JAN21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

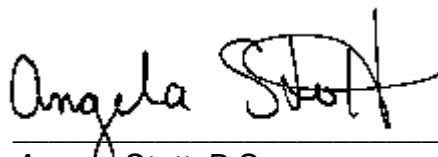
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	05-Jan-21	05-Jan-21	05-Jan-21	05-Jan-21
2: Analysis Start Time		---	---	13:05	13:05	13:05	12:40
3: Analysis Completed Date		---	---	07-Jan-21	07-Jan-21	07-Jan-21	07-Jan-21
4: Analysis Completed Time		---	---	15:04	15:04	15:04	15:04
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	04-Jan-21 12:20	4.4	0.72	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	04-Jan-21 11:34	4.4	0.68	0	0	0	---
8: 1A0DC DW Denfield Sample Station	04-Jan-21 09:43	4.4	0.99	0	0	0	---
9: 3604D DW Ilderton PS1	04-Jan-21 10:15	4.4	1.21	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



Angela Stott, B.Sc.
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Works #: 260004202

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08-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 05 January 2021
 LR Report: CA30028-JAN21

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Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MAC	8: MDL	9: 36050 DW Komoka Water Tower
Sample Date & Time							04-Jan-21 11:12
Temperature upon Delivery [@ London Lab °C]	---	---	---	---	---	---	4.4
Field Free Chlorine [mg/L]	---	---	---	---	---	---	1.19
Trihalomethanes (total) [ug/L]	06-Jan-21	10:23	07-Jan-21	11:39	100 (RAA)	0.37	25
Bromodichloromethane [ug/L]	06-Jan-21	10:23	07-Jan-21	11:39	--	0.26	7.2
Bromoform [ug/L]	06-Jan-21	10:23	07-Jan-21	11:39	--	0.34	0.34 <MDL
Chloroform [ug/L]	06-Jan-21	10:23	07-Jan-21	11:39	--	0.29	15
Dibromochloromethane [ug/L]	06-Jan-21	10:23	07-Jan-21	11:39	--	0.37	2.5
Total Haloacetic Acids (HAA5) [ug/L]	06-Jan-21	15:22	08-Jan-21	08:22	80 (RAA)	5.3	13.9
Chloroacetic Acid [ug/L]	06-Jan-21	15:22	08-Jan-21	08:22	---	4.7	4.7 <MDL
Bromoacetic Acid [ug/L]	06-Jan-21	15:22	08-Jan-21	08:22	---	2.9	2.9 <MDL
Dichloroacetic Acid [ug/L]	06-Jan-21	15:22	08-Jan-21	08:22	---	2.6	7.9
Dibromoacetic Acid [ug/L]	06-Jan-21	15:22	08-Jan-21	08:22	---	2.0	2.0 <MDL
Trichloroacetic Acid [ug/L]	06-Jan-21	15:22	08-Jan-21	08:22	---	5.3	6.1

MAC - Maximum Acceptable Concentration
 MDL - SGS Method Detection Limit

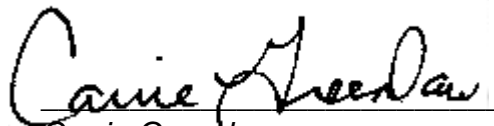
Method Descriptions

Units	Description	SGS Method Code
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004

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LR Report : CA30028-JAN21



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08-January-2021

Mun of Middlesex Centre (Middlesex Centre)

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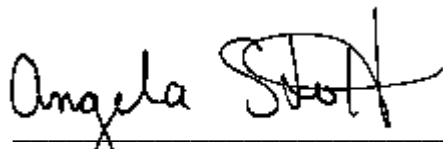
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	05-Jan-21	05-Jan-21	05-Jan-21	05-Jan-21
2: Analysis Start Time		---	---	13:05	13:05	13:05	12:40
3: Analysis Completed Date		---	---	07-Jan-21	07-Jan-21	07-Jan-21	07-Jan-21
4: Analysis Completed Time		---	---	15:04	15:04	15:04	15:04
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	04-Jan-21 11:12	4.4	1.19	0	0	0	10

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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14-January-2021

Mun of Middlesex Centre (Middlesex Centre)

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Date Rec. : 12 January 2021
LR Report: CA20351-JAN21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	12-Jan-21	12-Jan-21	12-Jan-21	12-Jan-21
2: Analysis Start Time		---	---	12:30	12:30	12:30	12:05
3: Analysis Completed Date		---	---	14-Jan-21	14-Jan-21	14-Jan-21	14-Jan-21
4: Analysis Completed Time		---	---	12:19	12:19	12:19	12:19
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	11-Jan-21 10:46	6.5	1.32	0	0	0	10
7: 36023 DW Delaware Water Tower	11-Jan-21 08:31	6.5	1.07	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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14-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 12 January 2021
LR Report: CA20354-JAN21

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Phone: 519-666-0190, Fax:519-666-0271

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	12-Jan-21	12-Jan-21	12-Jan-21	12-Jan-21
2: Analysis Start Time		---	---	12:30	12:30	12:30	12:05
3: Analysis Completed Date		---	---	14-Jan-21	14-Jan-21	14-Jan-21	14-Jan-21
4: Analysis Completed Time		---	---	12:20	12:20	12:20	12:20
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	11-Jan-21 11:19	6.5	0.74	0	0	0	< 10
7: 1A0D9 DW Ballymote 995 Station	11-Jan-21 09:25	6.5	0.64	0	0	0	---
8: 1A0DC DW Denfield Sample Station	11-Jan-21 12:30	6.5	1.15	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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657 Consortium Court
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22-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 19 January 2021
LR Report: CA20629-JAN21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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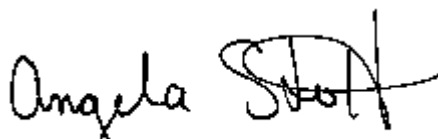
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	19-Jan-21	19-Jan-21	19-Jan-21	19-Jan-21
2: Analysis Start Time		---	---	14:20	14:20	14:20	13:40
3: Analysis Completed Date		---	---	21-Jan-21	21-Jan-21	21-Jan-21	21-Jan-21
4: Analysis Completed Time		---	---	17:26	17:26	17:26	17:26
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	18-Jan-21 14:51	4.7	0.65	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	18-Jan-21 14:40	4.7	0.74	0	0	0	---
8: 3604D DW Ilderton PS1	18-Jan-21 11:24	4.7	1.22	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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22-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 19 January 2021
LR Report: CA20630-JAN21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
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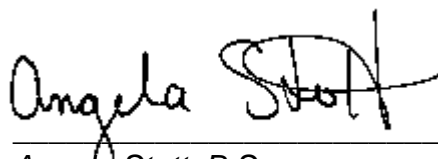
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	19-Jan-21	19-Jan-21	19-Jan-21	19-Jan-21
2: Analysis Start Time		---	---	14:20	14:20	14:20	13:40
3: Analysis Completed Date		---	---	21-Jan-21	21-Jan-21	21-Jan-21	21-Jan-21
4: Analysis Completed Time		---	---	17:26	17:26	17:26	17:26
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	18-Jan-21 11:05	4.7	1.26	0	0	0	< 10
7: 36023 DW Delaware Water Tower	18-Jan-21 09:01	4.7	1.06	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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28-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 26 January 2021
LR Report: CA20944-JAN21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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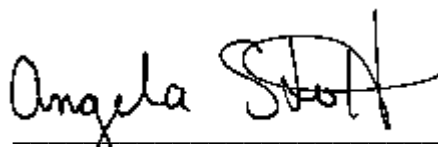
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	26-Jan-21	26-Jan-21	26-Jan-21	26-Jan-21
2: Analysis Start Time		---	---	13:00	13:00	13:00	12:30
3: Analysis Completed Date		---	---	28-Jan-21	28-Jan-21	28-Jan-21	28-Jan-21
4: Analysis Completed Time		---	---	12:39	12:39	12:39	12:39
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	25-Jan-21 12:13	6.9	0.64	0	0	0	< 10
7: 1A0DC DW Denfield Sample Station	25-Jan-21 09:06	6.9	1.11	0	0	0	---
8: 3604D DW Ilderton PS1A	25-Jan-21 11:01	6.9	1.27	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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28-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 26 January 2021
LR Report: CA20947-JAN21

10227 Ilderton Rd., Ilderton
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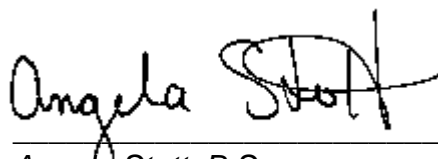
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	26-Jan-21	26-Jan-21	26-Jan-21	26-Jan-21
2: Analysis Start Time		---	---	13:00	13:00	13:00	12:30
3: Analysis Completed Date		---	---	28-Jan-21	28-Jan-21	28-Jan-21	28-Jan-21
4: Analysis Completed Time		---	---	12:40	12:40	12:40	12:40
5: MAC		---	---	0	0	---	---
6: 3600E DW Kilworth WWTP	25-Jan-21 11:01	6.9	1.41	0	0	0	< 10
7: 36023 DW Delaware Water Tower	25-Jan-21 09:26	6.9	1.01	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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05-February-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 February 2021
LR Report: CA20053-FEB21

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	02-Feb-21	02-Feb-21	02-Feb-21	02-Feb-21
2: Analysis Start Time		---	---	12:10	12:10	12:10	11:35
3: Analysis Completed Date		---	---	04-Feb-21	04-Feb-21	04-Feb-21	04-Feb-21
4: Analysis Completed Time		---	---	11:21	11:21	11:21	11:21
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	01-Feb-21 13:00	4.3	0.68	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	01-Feb-21 12:42	4.3	0.73	0	0	0	---
8: 1A0DC DW Denfield Sample Station	01-Feb-21 09:55	4.3	1.09	0	0	0	---
9: 3604D DW Ilderton PS1	01-Feb-21 09:16	4.3	1.09	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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05-February-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 February 2021
LR Report: CA20050-FEB21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	02-Feb-21	02-Feb-21	02-Feb-21	02-Feb-21
2: Analysis Start Time		---	---	12:10	12:10	12:10	11:35
3: Analysis Completed Date		---	---	04-Feb-21	04-Feb-21	04-Feb-21	04-Feb-21
4: Analysis Completed Time		---	---	11:21	11:21	11:21	11:21
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	01-Feb-21 11:33	4.3	1.38	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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12-February-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 February 2021
LR Report: CA20360-FEB21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	09-Feb-21	09-Feb-21	09-Feb-21	09-Feb-21
2: Analysis Start Time		---	---	13:05	13:05	13:05	12:30
3: Analysis Completed Date		---	---	11-Feb-21	11-Feb-21	11-Feb-21	11-Feb-21
4: Analysis Completed Time		---	---	11:17	11:17	11:17	11:17
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	08-Feb-21 12:43	6.3	0.80	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	08-Feb-21 12:05	6.3	0.76	0	0	0	---
8: 1A0DC DW Denfield Sample Station	08-Feb-21 10:26	6.3	1.08	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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12-February-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 February 2021
LR Report: CA20359-FEB21

10227 Ilderton Rd., Ilderton
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Phone: 519-666-0190, Fax:519-666-0271

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	09-Feb-21	09-Feb-21	09-Feb-21	09-Feb-21
2: Analysis Start Time		---	---	13:05	13:05	13:05	12:30
3: Analysis Completed Date		---	---	11-Feb-21	11-Feb-21	11-Feb-21	11-Feb-21
4: Analysis Completed Time		---	---	11:17	11:17	11:17	11:17
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	08-Feb-21 10:21	6.3	1.28	0	0	0	< 10
7: 36023 DW Delaware Water Tower	08-Feb-21 08:53	6.3	0.97	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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19-February-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 February 2021
LR Report: CA20540-FEB21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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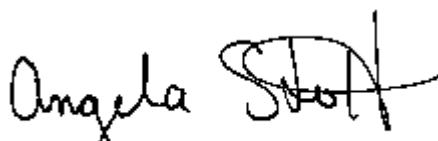
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Feb-21	16-Feb-21	16-Feb-21	16-Feb-21
2: Analysis Start Time		---	---	13:35	13:35	13:35	12:30
3: Analysis Completed Date		---	---	18-Feb-21	18-Feb-21	18-Feb-21	18-Feb-21
4: Analysis Completed Time		---	---	15:22	15:22	15:22	15:22
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	15-Feb-21 15:47	6.2	0.74	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	15-Feb-21 15:25	6.2	0.90	0	0	0	---
8: 3604D DW Ilderton PS1	15-Feb-21 11:53	6.2	1.02	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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19-February-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 February 2021
LR Report: CA20539-FEB21

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Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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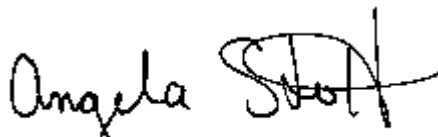
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Feb-21	16-Feb-21	16-Feb-21	16-Feb-21
2: Analysis Start Time		---	---	13:35	13:35	13:35	12:30
3: Analysis Completed Date		---	---	18-Feb-21	18-Feb-21	18-Feb-21	18-Feb-21
4: Analysis Completed Time		---	---	15:22	15:22	15:22	15:22
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	15-Feb-21 14:59	6.2	1.22	0	0	0	< 10
7: 36023 DW Delaware Water Tower	15-Feb-21 14:04	6.2	1.04	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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26-February-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 23 February 2021
LR Report: CA20972-FEB21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	23-Feb-21	23-Feb-21	23-Feb-21	23-Feb-21
2: Analysis Start Time		---	---	17:35	17:35	17:35	17:10
3: Analysis Completed Date		---	---	26-Feb-21	26-Feb-21	26-Feb-21	26-Feb-21
4: Analysis Completed Time		---	---	09:19	09:19	09:19	09:19
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	22-Feb-21 12:40	9.0	0.87	0	0	0	< 10
7: 1A0DC DW Denfield Sample Station	22-Feb-21 09:58	9.0	1.11	0	0	0	---
8: 3604D DW Ilderton PS1	22-Feb-21 09:03	9.0	1.40	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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 Project Specialist-London,
 Environment, Health & Safety

SGS Canada Inc.

657 Consortium Court
London - Ontario - N6E 2S8
Phone: 519-672-4500 FAX: 519-672-0361

26-February-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 23 February 2021
LR Report: CA20971-FEB21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	23-Feb-21	23-Feb-21	23-Feb-21	23-Feb-21
2: Analysis Start Time		---	---	17:35	17:35	17:35	17:10
3: Analysis Completed Date		---	---	26-Feb-21	26-Feb-21	26-Feb-21	26-Feb-21
4: Analysis Completed Time		---	---	09:19	09:19	09:19	09:19
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	22-Feb-21 14:30	9.0	1.33	0	0	0	< 10
7: 36023 DW Delaware Water Tower	22-Feb-21 14:42	9.0	1.06	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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08-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 March 2021
LR Report: CA20120-MAR21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

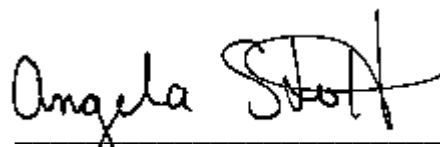
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	02-Mar-21	02-Mar-21	02-Mar-21	02-Mar-21
2: Analysis Start Time		---	---	17:25	17:25	17:25	16:00
3: Analysis Completed Date		---	---	05-Mar-21	05-Mar-21	05-Mar-21	05-Mar-21
4: Analysis Completed Time		---	---	08:53	08:53	08:53	08:53
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	01-Mar-21 09:51	7.0	0.89	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	01-Mar-21 09:18	7.0	0.79	0	0	0	---
8: 1A0DC DW Denfield Sample Station	01-Mar-21 11:19	7.0	1.22	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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08-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 March 2021

LR Report: CA20119-MAR21

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

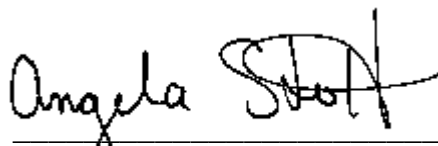
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	02-Mar-21	02-Mar-21	02-Mar-21	02-Mar-21
2: Analysis Start Time		---	---	17:25	17:25	17:25	16:00
3: Analysis Completed Date		---	---	05-Mar-21	05-Mar-21	05-Mar-21	05-Mar-21
4: Analysis Completed Time		---	---	08:53	08:53	08:53	08:53
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	01-Mar-21 10:31	7.0	1.30	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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11-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 March 2021

LR Report: CA20380-MAR21

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	09-Mar-21	09-Mar-21	09-Mar-21	09-Mar-21
2: Analysis Start Time		---	---	13:15	13:15	13:15	12:50
3: Analysis Completed Date		---	---	11-Mar-21	11-Mar-21	11-Mar-21	11-Mar-21
4: Analysis Completed Time		---	---	14:14	14:14	14:14	14:14
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	08-Mar-21 12:52	7.1	0.98	0	0	0	< 10
7: 3604D DW Ilderton PS1	08-Mar-21 10:04	7.1	1.39	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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11-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 March 2021

LR Report: CA20382-MAR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	09-Mar-21	09-Mar-21	09-Mar-21	09-Mar-21
2: Analysis Start Time		---	---	13:15	13:15	13:15	12:50
3: Analysis Completed Date		---	---	11-Mar-21	11-Mar-21	11-Mar-21	11-Mar-21
4: Analysis Completed Time		---	---	14:15	14:15	14:15	14:15
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	08-Mar-21 09:57	7.1	1.24	0	0	0	< 10
7: 36023 DW Delaware Water Tower	08-Mar-21 12:29	7.1	1.06	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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18-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 March 2021
LR Report: CA20647-MAR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Mar-21	16-Mar-21	16-Mar-21	16-Mar-21
2: Analysis Start Time		---	---	13:25	13:25	13:25	12:45
3: Analysis Completed Date		---	---	18-Mar-21	18-Mar-21	18-Mar-21	18-Mar-21
4: Analysis Completed Time		---	---	16:30	16:30	16:30	16:30
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	15-Mar-21 13:36	3.8	0.91	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	15-Mar-21 13:09	3.8	0.77	0	0	0	---
8: 1A0DC DW Denfield Sample Station	15-Mar-21 11:55	3.8	1.22	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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18-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 March 2021
LR Report: CA20648-MAR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Mar-21	16-Mar-21	16-Mar-21	16-Mar-21
2: Analysis Start Time		---	---	13:25	13:25	13:25	12:45
3: Analysis Completed Date		---	---	18-Mar-21	18-Mar-21	18-Mar-21	18-Mar-21
4: Analysis Completed Time		---	---	16:30	16:30	16:30	16:30
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	15-Mar-21 13:27	3.8	1.19	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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25-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 23 March 2021

LR Report: CA20913-MAR21

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Canada, N0M 2A0

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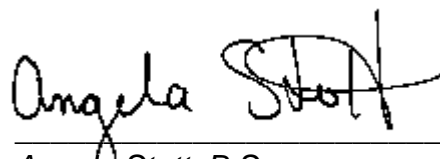
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	23-Mar-21	23-Mar-21	23-Mar-21	23-Mar-21
2: Analysis Start Time		---	---	11:40	11:40	11:40	11:05
3: Analysis Completed Date		---	---	25-Mar-21	25-Mar-21	25-Mar-21	25-Mar-21
4: Analysis Completed Time		---	---	13:47	13:47	13:47	13:47
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	22-Mar-21 12:51	5.7	0.85	0	0	0	10
7: 3604D DW Ilderton PS1	22-Mar-21 10:40	5.7	1.27	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Branch Manager-London
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25-March-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 23 March 2021
LR Report: CA20912-MAR21

10227 Ilderton Rd., Ilderton
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CERTIFICATE OF ANALYSIS

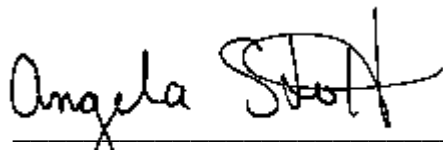
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	23-Mar-21	23-Mar-21	23-Mar-21	23-Mar-21
2: Analysis Start Time		---	---	11:40	11:40	11:40	11:05
3: Analysis Completed Date		---	---	25-Mar-21	25-Mar-21	25-Mar-21	25-Mar-21
4: Analysis Completed Time		---	---	13:47	13:47	13:47	13:47
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	22-Mar-21 10:09	5.7	1.17	0	0	0	< 10
7: 36023 DW Delaware Water Tower	22-Mar-21 11:55	5.7	1.02	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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01-April-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 30 March 2021
LR Report: CA21285-MAR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	30-Mar-21	30-Mar-21	30-Mar-21	30-Mar-21
2: Analysis Start Time		---	---	15:55	15:55	15:55	15:15
3: Analysis Completed Date		---	---	01-Apr-21	01-Apr-21	01-Apr-21	01-Apr-21
4: Analysis Completed Time		---	---	14:33	14:33	14:33	14:33
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	29-Mar-21 15:30	11.3	0.96	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	29-Mar-21 14:55	11.3	0.86	0	0	0	---
8: 1A0DC DW Denfield Sample Station	29-Mar-21 13:56	11.3	1.21	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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01-April-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 30 March 2021

LR Report: CA21286-MAR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	30-Mar-21	30-Mar-21	30-Mar-21	30-Mar-21
2: Analysis Start Time		---	---	15:55	15:55	15:55	15:15
3: Analysis Completed Date		---	---	01-Apr-21	01-Apr-21	01-Apr-21	01-Apr-21
4: Analysis Completed Time		---	---	14:33	14:33	14:33	14:33
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	29-Mar-21 12:07	11.3	1.15	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


Crista Schuster
Project Specialist-London,
Environment, Health & Safety



Works #: 260004202

SGS Canada Inc.

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14-April-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 April 2021

LR Report: CA30038-APR21

10227 Ilderton Rd.
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CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MAC	6: MDL	7: 36050 DW Komoka Water Tower
Sample Date & Time							05-Apr-21 08:44
Temperature Upon Receipt [at London Lab °C]	---	---	---	---	---	---	12.3
Field Free Chlorine [mg/L]	---	---	---	---	---	---	1.35
Trihalomethanes (total) [ug/L]	11-Apr-21	12:07	12-Apr-21	13:35	100 (RAA)	0.37	28
Bromodichloromethane [ug/L]	11-Apr-21	12:07	12-Apr-21	13:35	--	0.26	7.7
Bromoform [ug/L]	11-Apr-21	12:07	12-Apr-21	13:35	--	0.34	0.34 <MDL
Chloroform [ug/L]	11-Apr-21	12:07	12-Apr-21	13:35	--	0.29	18
Dibromochloromethane [ug/L]	11-Apr-21	12:07	12-Apr-21	13:35	--	0.37	2.4
Total Haloacetic Acids (HAA5) [ug/L]	13-Apr-21	06:55	14-Apr-21	11:16	80 (RAA)	5.3	15.9
Bromoacetic Acid [ug/L]	13-Apr-21	06:55	14-Apr-21	11:16	---	2.9	2.9 <MDL
Chloroacetic Acid [ug/L]	13-Apr-21	06:55	14-Apr-21	11:16	---	4.7	4.7 <MDL
Dichloroacetic Acid [ug/L]	13-Apr-21	06:55	14-Apr-21	11:16	---	2.6	8.1
Dibromoacetic Acid [ug/L]	13-Apr-21	06:55	14-Apr-21	11:16	---	2.0	2.0 <MDL
Trichloroacetic Acid [ug/L]	13-Apr-21	06:55	14-Apr-21	11:16	---	5.3	7.8

MAC - Maximum Acceptable Concentration

MDL - SGS Method Detection Limit

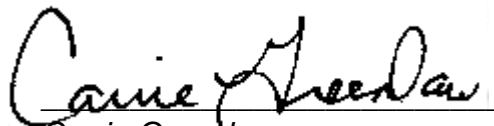
Method Descriptions

Units	Description	SGS Method Code
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004

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LR Report : CA30038-APR21



Carrie Greenlaw
Carrie Greenlaw
Project Specialist,
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Attn : Brian Watson

10227 Ilderton Rd., Ilderton

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Phone: 519-666-0190, Fax:519-666-0271

Works #: 260004202

09-April-2021

Date Rec. : 06 April 2021

LR Report: CA20086-APR21

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCl Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	06-Apr-21	06-Apr-21	06-Apr-21	06-Apr-21
2: Analysis Start Time		---	---	16:05	16:05	16:05	15:30
3: Analysis Completed Date		---	---	08-Apr-21	08-Apr-21	08-Apr-21	08-Apr-21
4: Analysis Completed Time		---	---	14:59	14:59	14:59	14:59
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	05-Apr-21 10:58	12.3	0.95	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	05-Apr-21 10:07	12.3	0.94	0	0	0	---
8: 3604D DW Ilderton PS1	05-Apr-21 12:40	12.3	1.36	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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09-April-2021

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Date Rec. : 06 April 2021
LR Report: CA20088-APR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	06-Apr-21	06-Apr-21	06-Apr-21	06-Apr-21
2: Analysis Start Time		---	---	16:05	16:05	16:05	15:30
3: Analysis Completed Date		---	---	08-Apr-21	08-Apr-21	08-Apr-21	08-Apr-21
4: Analysis Completed Time		---	---	15:00	15:00	15:00	15:00
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	05-Apr-21 08:44	12.3	1.35	0	0	0	< 10
7: 36023 DW Delaware Water Tower	05-Apr-21 14:16	12.3	0.95	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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16-April-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 13 April 2021
LR Report: CA20414-APR21

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CERTIFICATE OF ANALYSIS

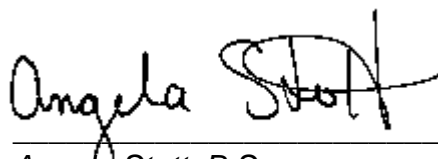
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	13-Apr-21	13-Apr-21	13-Apr-21	13-Apr-21
2: Analysis Start Time		---	---	12:35	12:35	12:35	11:50
3: Analysis Completed Date		---	---	15-Apr-21	15-Apr-21	15-Apr-21	15-Apr-21
4: Analysis Completed Time		---	---	14:21	14:21	14:21	14:21
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	12-Apr-21 10:03	8.0	1.26	0	0	0	< 10
7: 36023 DW Delaware Water Tower	12-Apr-21 08:50	8.0	0.82	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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16-April-2021

Mun of Middlesex Centre (Middlesex Centre)

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Date Rec. : 13 April 2021
LR Report: CA20415-APR21

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CERTIFICATE OF ANALYSIS

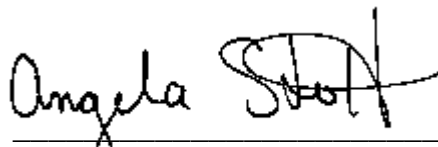
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	13-Apr-21	13-Apr-21	13-Apr-21	13-Apr-21
2: Analysis Start Time		---	---	12:35	12:35	12:35	11:50
3: Analysis Completed Date		---	---	15-Apr-21	15-Apr-21	15-Apr-21	15-Apr-21
4: Analysis Completed Time		---	---	14:21	14:21	14:21	14:21
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	12-Apr-21 13:27	8.0	0.81	0	0	0	< 10
7: 1A0DC DW Denfield Sample Station	12-Apr-21 09:50	8.0	1.20	0	0	0	---
8: 3604D DW Ilderton PS1	12-Apr-21 09:34	8.0	1.35	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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22-April-2021

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Attn : Brian Watson

Date Rec. : 20 April 2021
LR Report: CA20806-APR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temp Upon Receipt Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Background cfu/100mL	HPC cfu/1mL Spread Plate
1: Analysis Start Date		---	---	20-Apr-21	20-Apr-21	20-Apr-21	20-Apr-21
2: Analysis Start Time		---	---	14:35	14:35	14:35	14:10
3: Analysis Completed Date		---	---	22-Apr-21	22-Apr-21	22-Apr-21	22-Apr-21
4: Analysis Completed Time		---	---	16:02	16:02	16:02	16:02
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	19-Apr-21 13:19	9.5	0.82	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	19-Apr-21 13:07	9.5	0.98	0	0	0	---
8: 1A0DC DW Denfield Sample Station	19-Apr-21 11:42	9.5	1.09	0	0	0	---
9: 3604D DW Ilderton PS1	19-Apr-21 11:02	9.5	1.16	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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22-April-2021

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LR Report: CA20807-APR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temp Upon Receipt Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Background cfu/100mL	HPC cfu/1mL Spread Plate
1: Analysis Start Date		---	---	20-Apr-21	20-Apr-21	20-Apr-21	20-Apr-21
2: Analysis Start Time		---	---	14:35	14:35	14:35	14:10
3: Analysis Completed Date		---	---	22-Apr-21	22-Apr-21	22-Apr-21	22-Apr-21
4: Analysis Completed Time		---	---	16:02	16:02	16:02	16:02
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	19-Apr-21 13:28	9.5	1.27	0	0	0	10

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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29-April-2021

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Date Rec. : 27 April 2021
LR Report: CA21217-APR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Sampled By	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date			---	---	27-Apr-21	27-Apr-21	27-Apr-21	27-Apr-21
2: Analysis Start Time			---	---	15:10	15:10	15:10	14:35
3: Analysis Completed Date			---	---	29-Apr-21	29-Apr-21	29-Apr-21	29-Apr-21
4: Analysis Completed Time			---	---	16:01	16:01	16:01	16:01
5: MAC			---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	26-Apr-21 14:13	Adrian Mitchell	11.5	1.11	0	0	0	< 10
7: 36023 DW Delaware Water Tower	26-Apr-21 11:13	Adrian Mitchell	11.8	0.78	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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29-April-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 27 April 2021
LR Report: CA21218-APR21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Sampled By	Temperature Upon Receipt	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date			---	---	27-Apr-21	27-Apr-21	27-Apr-21	27-Apr-21
2: Analysis Start Time			---	---	15:10	15:10	15:10	14:35
3: Analysis Completed Date			---	---	29-Apr-21	29-Apr-21	29-Apr-21	29-Apr-21
4: Analysis Completed Time			---	---	16:01	16:01	16:01	16:01
5: MAC			---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	26-Apr-21 10:49	Jerdon Small Phillips	12.3	0.76	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	26-Apr-21 10:34	Jerdon Small Phillips	12.3	0.92	0	0	6	---
8: 1A0DC DW Denfield Sample Station	26-Apr-21 09:00	Jerdon Small Phillips	12.3	0.94	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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06-May-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 04 May 2021

LR Report: CA20079-MAY21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	04-May-21	04-May-21	04-May-21	04-May-21
2: Analysis Start Time		---	---	14:15	14:15	14:15	13:40
3: Analysis Completed Date		---	---	06-May-21	06-May-21	06-May-21	06-May-21
4: Analysis Completed Time		---	---	16:05	16:05	16:05	16:05
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	03-May-21 13:13	5.2	0.77	0	0	0	< 10
7: 3604D DW Ilderton PS1	03-May-21 09:10	5.8	1.17	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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06-May-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 04 May 2021

LR Report: CA20082-MAY21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	04-May-21	04-May-21	04-May-21	04-May-21
2: Analysis Start Time		---	---	14:15	14:15	14:15	13:40
3: Analysis Completed Date		---	---	06-May-21	06-May-21	06-May-21	06-May-21
4: Analysis Completed Time		---	---	16:06	16:06	16:06	16:06
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	03-May-21 15:26	5.0	1.10	0	0	0	< 10
7: 36023 DW Delaware Water Tower	03-May-21 08:11	5.0	0.84	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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13-May-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 11 May 2021

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	11-May-21	11-May-21	11-May-21	11-May-21
2: Analysis Start Time		---	---	16:40	16:40	16:40	16:05
3: Analysis Completed Date		---	---	13-May-21	13-May-21	13-May-21	13-May-21
4: Analysis Completed Time		---	---	14:35	14:35	14:35	14:35
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	10-May-21 10:28	10.9	1.20	0	0	0	< 10
7: 36023 DW Delaware Water Tower	10-May-21 09:00	11.8	0.75	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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13-May-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 11 May 2021

LR Report: CA20525-MAY21

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

Phone: 519-666-0190, Fax:519-666-0271

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	11-May-21	11-May-21	11-May-21	11-May-21
2: Analysis Start Time		---	---	16:40	16:40	16:40	16:05
3: Analysis Completed Date		---	---	13-May-21	13-May-21	13-May-21	13-May-21
4: Analysis Completed Time		---	---	14:35	14:35	14:35	14:35
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	10-May-21 12:50	12.1	0.71	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	10-May-21 12:05	12.1	0.73	0	0	0	---
8: 1A0DC DW Denfield Sample Station	10-May-21 10:33	12.1	1.07	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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21-May-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 18 May 2021

LR Report: CA20918-MAY21

10227 Ilderton Rd.
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N0M 2A0, Canada

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CERTIFICATE OF ANALYSIS

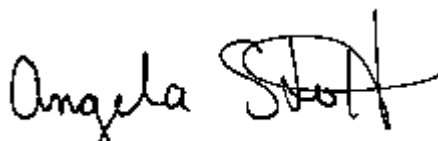
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	18-May-21	18-May-21	18-May-21	18-May-21
2: Analysis Start Time		---	---	17:50	17:50	17:50	17:20
3: Analysis Completed Date		---	---	20-May-21	20-May-21	20-May-21	20-May-21
4: Analysis Completed Time		---	---	16:10	16:10	16:10	16:10
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	17-May-21 12:20	11.0	0.97	0	0	0	< 10
7: 3604D DW Ilderton PS1A	17-May-21 13:25	11.0	1.34	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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21-May-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 18 May 2021

LR Report: CA20919-MAY21

10227 Ilderton Rd.
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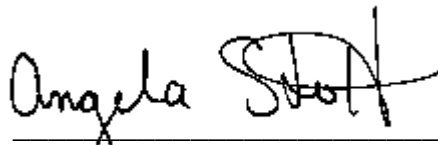
Final Report

Sample ID	Sample Date & Time	Sampled By	Temperature Upon Receipt °C	Field ResCl Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date			---	---	18-May-21	18-May-21	18-May-21	18-May-21
2: Analysis Start Time			---	---	17:50	17:50	17:50	17:20
3: Analysis Completed Date			---	---	20-May-21	20-May-21	20-May-21	20-May-21
4: Analysis Completed Time			---	---	16:10	16:10	16:10	16:10
5: MAC			---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	17-May-21 10:51	Jesse Greenfreed	11.0	1.05	0	0	0	< 10
7: 36023 DW Delaware Water Tower	17-May-21 09:15	Jesse Greenfreed	11.0	0.76	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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27-May-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 25 May 2021

LR Report: CA21174-MAY21

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	25-May-21	25-May-21	25-May-21	25-May-21
2: Analysis Start Time		---	---	14:00	14:00	14:00	13:40
3: Analysis Completed Date		---	---	27-May-21	27-May-21	27-May-21	27-May-21
4: Analysis Completed Time		---	---	13:42	13:42	13:42	13:42
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	24-May-21 14:36	11.1	0.91	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	24-May-21 14:25	11.1	0.83	0	0	0	---
8: 1A0DC DW Denfield Sample Station	24-May-21 15:55	11.1	1.15	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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27-May-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 25 May 2021

LR Report: CA21175-MAY21

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Final Report

Sample ID	Sample Date & Time	Sampled By	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date			---	---	25-May-21	25-May-21	25-May-21	25-May-21
2: Analysis Start Time			---	---	14:00	14:00	14:00	13:40
3: Analysis Completed Date			---	---	27-May-21	27-May-21	27-May-21	27-May-21
4: Analysis Completed Time			---	---	13:42	13:42	13:42	13:42
5: MAC			---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	24-May-21 10:28	Jesse Greenfield	11.1	1.16	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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03-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 31 May 2021

LR Report: CA21522-MAY21

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Canada, N0M 2A0

Phone: 519-666-0190, Fax:519-666-0271

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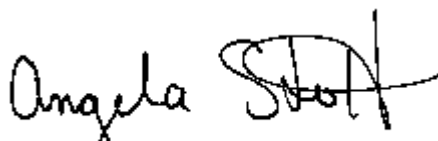
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	01-Jun-21	01-Jun-21	01-Jun-21	31-May-21
2: Analysis Start Time		---	---	10:25	10:25	10:25	16:15
3: Analysis Completed Date		---	---	03-Jun-21	03-Jun-21	03-Jun-21	03-Jun-21
4: Analysis Completed Time		---	---	10:25	10:25	10:25	10:25
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	31-May-21 11:47	16.7	0.93	0	0	0	< 10
7: 3604D DW Ilderton PS1	31-May-21 08:56	17.3	1.15	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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03-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 31 May 2021

LR Report: CA21525-MAY21

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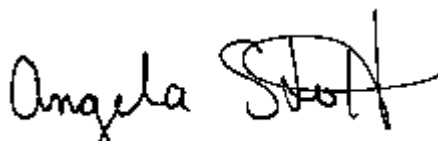
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	01-Jun-21	01-Jun-21	01-Jun-21	31-May-21
2: Analysis Start Time		---	---	10:25	10:25	10:25	16:15
3: Analysis Completed Date		---	---	03-Jun-21	03-Jun-21	03-Jun-21	03-Jun-21
4: Analysis Completed Time		---	---	10:25	10:25	10:25	10:25
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	31-May-21 10:58	13.8	1.07	0	0	0	< 10
7: 36023 DW Delaware Water Tower	31-May-21 09:08	13.1	0.79	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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04-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 01 June 2021
LR Report: CA20067-JUN21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	01-Jun-21	01-Jun-21	01-Jun-21	01-Jun-21
2: Analysis Start Time		---	---	16:10	16:10	16:10	15:30
3: Analysis Completed Date		---	---	03-Jun-21	03-Jun-21	03-Jun-21	03-Jun-21
4: Analysis Completed Time		---	---	15:51	15:51	15:51	15:51
5: MAC		---	---	0	0	---	---
6: NR Aura Phase 1 / Section 1	01-Jun-21 11:46	15.1	1.14	0	0	0	< 10
7: NR Aura Phase 1 / Section 2	01-Jun-21 11:51	15.1	1.10	0	0	0	< 10
8: NR Aura Phase 1 / Section 3	01-Jun-21 11:55	15.1	1.13	0	0	0	< 10
9: NR Aura Phase 1 / Section 4	01-Jun-21 11:42	15.1	1.12	0	0	0	< 10

MAC - Maximum Acceptable Concentration

NR - Not reportable under applicable Provincial drinking water regulations as per client.

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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07-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 June 2021
LR Report: CA20247-JUN21

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CERTIFICATE OF ANALYSIS

Partial Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	03-Jun-21	03-Jun-21	03-Jun-21	03-Jun-21
2: Analysis Start Time		---	---	11:50	11:50	11:50	11:10
3: Analysis Completed Date		---	---	04-Jun-21	04-Jun-21	04-Jun-21	07-Jun-21
4: Analysis Completed Time		---	---	13:42	13:42	13:42	08:51
5: MAC		---	---	0	0	---	---
6: NR Aura Phase 1/Section 1	02-Jun-21 12:12	17.5	1.07	0	0	0	< 10
7: NR Aura Phase 1/Section 2	02-Jun-21 12:17	17.5	1.13	0	0	0	< 10
8: NR Aura Phase 1/Section 3	02-Jun-21 12:22	17.5	1.13	0	0	0	< 10
9: NR Aura Phase 1/Section 4	02-Jun-21 12:43	17.5	1.07	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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11-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 08 June 2021
LR Report: CA20448-JUN21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	08-Jun-21	08-Jun-21	08-Jun-21	08-Jun-21
2: Analysis Start Time		---	---	15:10	15:10	15:10	14:15
3: Analysis Completed Date		---	---	11-Jun-21	11-Jun-21	11-Jun-21	11-Jun-21
4: Analysis Completed Time		---	---	10:09	10:09	10:09	10:09
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	07-Jun-21 14:20	7.4	1.35	0	0	0	< 10
7: 36023 DW Delaware Water Tower	07-Jun-21 11:54	7.4	0.77	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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11-June-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 08 June 2021
LR Report: CA20476-JUN21

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	08-Jun-21	08-Jun-21	08-Jun-21	08-Jun-21
2: Analysis Start Time		---	---	16:20	16:20	16:20	15:30
3: Analysis Completed Date		---	---	11-Jun-21	11-Jun-21	11-Jun-21	11-Jun-21
4: Analysis Completed Time		---	---	10:54	10:54	10:54	10:54
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	07-Jun-21 13:05	7.4	0.91	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	07-Jun-21 12:27	7.4	0.87	0	0	0	---
8: 1A0DC DW Denfield Sample Station	07-Jun-21 10:50	7.4	1.21	0	0	0	---
9: 3604D DW Ilderton PS1	07-Jun-21 10:05	7.4	1.09	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001

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657 Consortium Court
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Phone: 519-672-4500 FAX: 519-672-0361

18-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 15 June 2021
LR Report: CA20883-JUN21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

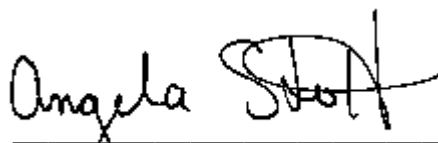
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	15-Jun-21	15-Jun-21	15-Jun-21	15-Jun-21
2: Analysis Start Time		---	---	13:55	13:55	13:55	13:20
3: Analysis Completed Date		---	---	18-Jun-21	18-Jun-21	18-Jun-21	18-Jun-21
4: Analysis Completed Time		---	---	08:56	08:56	08:56	08:56
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	14-Jun-21 16:05	7.3	1.09	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	14-Jun-21 14:22	7.3	1.04	0	0	0	---
8: 1A0DC DW Denfield Sample Station	14-Jun-21 10:24	7.3	1.06	0	0	0	---
9: 3604D DW Ilderton PS1	14-Jun-21 09:35	7.3	0.98	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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18-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 15 June 2021
LR Report: CA20885-JUN21

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CERTIFICATE OF ANALYSIS

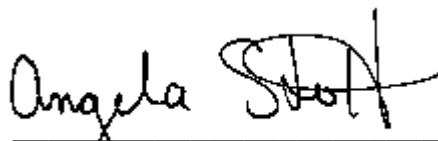
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	15-Jun-21	15-Jun-21	15-Jun-21	15-Jun-21
2: Analysis Start Time		---	---	13:55	13:55	13:55	13:20
3: Analysis Completed Date		---	---	18-Jun-21	18-Jun-21	18-Jun-21	18-Jun-21
4: Analysis Completed Time		---	---	08:56	08:56	08:56	08:56
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	14-Jun-21 08:50	7.3	1.10	0	0	0	< 10
7: 36023 DW Delaware Water Tower	14-Jun-21 12:58	7.3	0.82	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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25-June-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 22 June 2021
LR Report: CA21355-JUN21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	22-Jun-21	22-Jun-21	22-Jun-21	22-Jun-21
2: Analysis Start Time		---	---	16:45	16:45	16:45	16:05
3: Analysis Completed Date		---	---	25-Jun-21	25-Jun-21	25-Jun-21	25-Jun-21
4: Analysis Completed Time		---	---	10:37	10:37	10:37	10:37
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	21-Jun-21 13:00	12.0	0.76	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	21-Jun-21 12:05	12.0	0.80	0	0	0	---
8: 1A0DC DW Denfield Sample Station	21-Jun-21 10:17	12.0	1.01	0	0	0	---
9: 3604D DW Ilderton PS1	21-Jun-21 09:02	12.0	1.14	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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25-June-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 22 June 2021
LR Report: CA21356-JUN21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	22-Jun-21	22-Jun-21	22-Jun-21	22-Jun-21
2: Analysis Start Time		---	---	16:45	16:45	16:45	16:05
3: Analysis Completed Date		---	---	25-Jun-21	25-Jun-21	25-Jun-21	25-Jun-21
4: Analysis Completed Time		---	---	10:37	10:37	10:37	10:37
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	21-Jun-21 09:03	12.0	1.14	0	0	0	10
7: 36023 DW Delaware Water Tower	21-Jun-21 10:31	12.0	0.66	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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02-July-2021

Date Rec. : 29 June 2021
LR Report: CA21717-JUN21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	29-Jun-21	29-Jun-21	29-Jun-21	29-Jun-21
2: Analysis Start Time		---	---	13:35	13:35	13:35	12:50
3: Analysis Completed Date		---	---	02-Jul-21	02-Jul-21	02-Jul-21	02-Jul-21
4: Analysis Completed Time		---	---	11:50	11:50	11:50	11:50
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	28-Jun-21 12:30	10.6	0.78	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	28-Jun-21 11:55	10.6	0.77	0	0	0	---
8: 1A0DC DW Denfield Sample Station	28-Jun-21 10:30	10.6	0.88	0	0	0	---
9: 3604D DW Ilderton PS1	28-Jun-21 14:20	10.6	1.14	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



SGS Canada Inc.

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Works #: 260004202

LR Report : CA21717-JUN21

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Phone: 519-666-0190, Fax:519-666-0271

Works #: 260004202

02-July-2021

Date Rec. : 29 June 2021

LR Report: CA21719-JUN21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	29-Jun-21	29-Jun-21	29-Jun-21	29-Jun-21
2: Analysis Start Time		---	---	13:35	13:35	13:35	12:50
3: Analysis Completed Date		---	---	02-Jul-21	02-Jul-21	02-Jul-21	02-Jul-21
4: Analysis Completed Time		---	---	11:50	11:50	11:50	11:50
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	28-Jun-21 11:37	10.6	1.14	0	0	0	10
7: 36023 DW Delaware Water Tower	28-Jun-21 09:50	10.6	0.37	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



SGS Canada Inc.

657 Consortium Court

London - Ontario - N6E 2S8

Phone: 519-672-4500 FAX: 519-672-0361

Works #: 260004202

LR Report : CA21719-JUN21

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19-July-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 July 2021
LR Report: CA20861-JUL21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Jul-21	16-Jul-21	16-Jul-21	16-Jul-21
2: Analysis Start Time		---	---	13:10	13:10	13:10	12:40
3: Analysis Completed Date		---	---	18-Jul-21	18-Jul-21	18-Jul-21	18-Jul-21
4: Analysis Completed Time		---	---	15:15	15:15	15:15	15:15
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	15-Jul-21 12:40	8.7	1.24	0	0	0	20
7: 36023 DW Delaware Water Tower	15-Jul-21 10:13	8.7	0.62	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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19-July-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 July 2021
LR Report: CA20863-JUL21

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N0M 2A0, Canada

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Jul-21	16-Jul-21	16-Jul-21	16-Jul-21
2: Analysis Start Time		---	---	13:10	13:10	13:10	12:40
3: Analysis Completed Date		---	---	18-Jul-21	18-Jul-21	18-Jul-21	18-Jul-21
4: Analysis Completed Time		---	---	15:16	15:16	15:16	15:16
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	15-Jul-21 12:51	8.7	0.67	0	0	0	100
7: 1A0D9 DW Ballymote Sample Station	15-Jul-21 12:33	8.7	0.64	0	0	0	---
8: 1A0DC DW Denfield Sample Station	15-Jul-21 11:46	8.7	0.82	0	0	0	---
9: 3604D DW Ilderton PS1	15-Jul-21 09:54	8.7	0.99	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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26-July-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 22 July 2021
LR Report: CA21234-JUL21

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N0M 2A0, Canada

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	22-Jul-21	22-Jul-21	22-Jul-21	22-Jul-21
2: Analysis Start Time		---	---	17:00	17:00	17:00	16:20
3: Analysis Completed Date		---	---	26-Jul-21	26-Jul-21	26-Jul-21	26-Jul-21
4: Analysis Completed Time		---	---	10:37	10:37	10:37	10:37
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	21-Jul-21 12:42	9.4	0.65	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	21-Jul-21 12:30	9.4	0.51	0	0	0	---
8: 1A0DC DW Denfield Sample Station	21-Jul-21 11:11	9.4	0.89	0	0	0	---
9: 3604D DW Ilderton PS1	21-Jul-21 10:35	9.4	0.84	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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London - Ontario - N6E 2S8
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26-July-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 22 July 2021
LR Report: CA21235-JUL21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	22-Jul-21	22-Jul-21	22-Jul-21	22-Jul-21
2: Analysis Start Time		---	---	17:00	17:00	17:00	16:20
3: Analysis Completed Date		---	---	26-Jul-21	26-Jul-21	26-Jul-21	26-Jul-21
4: Analysis Completed Time		---	---	10:37	10:37	10:37	10:37
5: MAC		---	---	0	0	---	---
6: 35050 DW Komoka Water Tower	21-Jul-21 11:55	10.4	1.13	0	0	0	< 10
7: 36023 DW Delaware Water Tower	21-Jul-21 10:07	9.3	0.57	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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Works #: 260004202

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30-July-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 27 July 2021
 LR Report: CA21369-JUL21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL
1: Analysis Start Date		---	---	27-Jul-21	27-Jul-21	27-Jul-21
2: Analysis Start Time		---	---	13:45	13:45	13:45
3: Analysis Completed Date		---	---	29-Jul-21	29-Jul-21	29-Jul-21
4: Analysis Completed Time		---	---	15:42	15:42	15:42
5: MAC		---	---	0	0	---
6: 36050 DW Komoka Water Tower	26-Jul-21 10:47	9.5	1.23	0	0	0
7: 36023 DW Delaware Water Tower	26-Jul-21 09:24	9.5	0.43	0	0	0

Sample ID	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date	27-Jul-21
2: Analysis Start Time	13:00
3: Analysis Completed Date	29-Jul-21
4: Analysis Completed Time	15:42
5: MAC	---
6: 36050 DW Komoka Water Tower	< 10
7: 36023 DW Delaware Water Tower	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



Works #: 260004202

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LR Report : CA21369-JUL21

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30-July-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 27 July 2021
 LR Report: CA21370-JUL21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL
1: Analysis Start Date		---	---	27-Jul-21	27-Jul-21	27-Jul-21
2: Analysis Start Time		---	---	13:45	13:45	13:45
3: Analysis Completed Date		---	---	29-Jul-21	29-Jul-21	29-Jul-21
4: Analysis Completed Time		---	---	15:43	15:43	15:43
5: MAC		---	---	0	0	---
6: 1A0D7 DW Arva Fire Hall	26-Jul-21 11:38	9.5	0.65	0	0	0
7: 1A0D9 DW Ballymote Sample Station	26-Jul-21 11:02	9.5	0.63	0	0	0
8: 1A0DC DW Denfield Sample Station	26-Jul-21 08:57	9.5	1.02	0	0	0
9: 3604D DW Ilderton PS1	26-Jul-21 08:37	9.5	0.99	0	0	0

Sample ID	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date	27-Jul-21
2: Analysis Start Time	13:00
3: Analysis Completed Date	29-Jul-21
4: Analysis Completed Time	15:43
5: MAC	---
6: 1A0D7 DW Arva Fire Hall	< 10
7: 1A0D9 DW Ballymote Sample Station	---
8: 1A0DC DW Denfield Sample Station	---
9: 3604D DW Ilderton PS1	---

MAC - Maximum Acceptable Concentration

Method Descriptions

SGS Canada Inc.

657 Consortium Court
 London - Ontario - N6E 2S8
 Phone: 519-672-4500 FAX: 519-672-0361

LR Report : CA21370-JUL21

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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Works #: 260004202

SGS Canada Inc.

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 Phone: 705-652-2000 FAX: 705-652-6365

20-July-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 10 July 2021
 LR Report: CA30188-JUL21

10227 Ilderton Rd.
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 N0M 2A0, Canada

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CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MAC	8: MDL	9: 36050 DW Komoka Water Tower
Sample Date & Time							05-Jul-21 11:41
Temperature upon Delivery [@ London Lab °C]	---	---	---	---	---	---	8.8
Temperature Upon Receipt [°C]	---	---	---	---	---	---	15.0
Trihalomethanes (total) [ug/L]	14-Jul-21	14:59	15-Jul-21	13:26	100 (RAA)	0.37	28
Bromodichloromethane [ug/L]	14-Jul-21	14:59	15-Jul-21	13:26	--	0.26	6.9
Bromoform [ug/L]	14-Jul-21	14:59	15-Jul-21	13:26	--	0.34	0.34 <MDL
Chloroform [ug/L]	14-Jul-21	14:59	15-Jul-21	13:26	--	0.29	18
Dibromochloromethane [ug/L]	14-Jul-21	14:59	15-Jul-21	13:26	--	0.37	2.8
Total Haloacetic Acids (HAA5) [ug/L]	16-Jul-21	09:14	19-Jul-21	21:52	80 (RAA)	5.3	15.2
Chloroacetic Acid [ug/L]	16-Jul-21	09:14	19-Jul-21	21:52	---	4.7	4.7 <MDL
Bromoacetic Acid [ug/L]	16-Jul-21	09:14	19-Jul-21	21:52	---	2.9	2.9 <MDL
Dichloroacetic Acid [ug/L]	16-Jul-21	09:14	19-Jul-21	21:52	---	2.6	9.3
Dibromoacetic Acid [ug/L]	16-Jul-21	09:14	19-Jul-21	21:52	---	2.0	2.0 <MDL
Trichloroacetic Acid [ug/L]	16-Jul-21	09:14	19-Jul-21	21:52	---	5.3	5.8

MAC - Maximum Acceptable Concentration

MDL - SGS Method Detection Limit

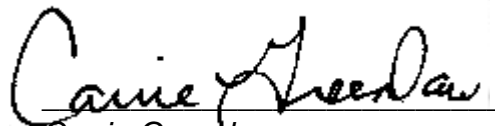
Method Descriptions

Units	Description	SGS Method Code
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004

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LR Report : CA30188-JUL21



Carrie Greenlaw
Carrie Greenlaw
Project Specialist,
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06-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 03 August 2021
LR Report: CA20016-AUG21

10227 Ilderton Rd., Ilderton
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Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

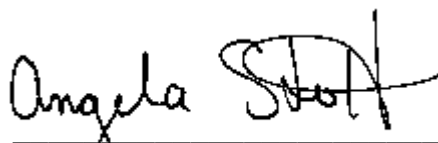
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	03-Aug-21	03-Aug-21	03-Aug-21	03-Aug-21
2: Analysis Start Time		---	---	15:20	15:20	15:20	13:55
3: Analysis Completed Date		---	---	05-Aug-21	05-Aug-21	05-Aug-21	05-Aug-21
4: Analysis Completed Time		---	---	13:38	13:38	13:38	13:38
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	02-Aug-21 14:23	6.1	0.55	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	02-Aug-21 13:17	6.1	0.72	0	0	0	---
8: 1A0DC DW Denfield Sample Station	02-Aug-21 12:00	6.1	0.88	0	0	0	---
9: 3604D DW Ilderton PS1	02-Aug-21 11:11	6.1	0.89	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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06-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 03 August 2021
LR Report: CA20015-AUG21

10227 Ilderton Rd., Ilderton
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CERTIFICATE OF ANALYSIS

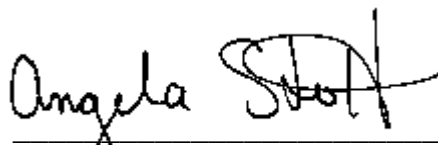
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCl Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	03-Aug-21	03-Aug-21	03-Aug-21	03-Aug-21
2: Analysis Start Time		---	---	15:20	15:20	15:20	13:55
3: Analysis Completed Date		---	---	05-Aug-21	05-Aug-21	05-Aug-21	05-Aug-21
4: Analysis Completed Time		---	---	13:36	13:36	13:36	13:36
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	02-Aug-21 15:39	6.1	1.08	0	0	0	< 10
7: 36023 DW Delaware Water Tower	02-Aug-21 13:03	6.1	0.57	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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13-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 10 August 2021

LR Report: CA20503-AUG21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	10-Aug-21	10-Aug-21	10-Aug-21	10-Aug-21
2: Analysis Start Time		---	---	16:35	16:35	16:35	15:50
3: Analysis Completed Date		---	---	12-Aug-21	12-Aug-21	12-Aug-21	12-Aug-21
4: Analysis Completed Time		---	---	17:31	17:31	17:31	17:31
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	09-Aug-21 14:05	9.4	0.54	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	09-Aug-21 13:14	9.4	0.79	0	0	0	---
8: 1A0DC DW Denfield Sample Station	09-Aug-21 15:40	9.4	0.82	0	0	0	---
9: 3604D DW Ilderton PS1	09-Aug-21 11:36	9.4	0.91	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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13-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

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Date Rec. : 10 August 2021
LR Report: CA20501-AUG21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	10-Aug-21	10-Aug-21	10-Aug-21	10-Aug-21
2: Analysis Start Time		---	---	16:35	16:35	16:35	15:50
3: Analysis Completed Date		---	---	12-Aug-21	12-Aug-21	12-Aug-21	12-Aug-21
4: Analysis Completed Time		---	---	17:29	17:29	17:29	17:29
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	09-Aug-21 14:40	7.9	1.23	0	0	0	< 10
7: 36023 DW Delaware Water Tower	09-Aug-21 11:10	8.6	0.61	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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23-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 17 August 2021
LR Report: CA20925-AUG21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	17-Aug-21	17-Aug-21	17-Aug-21	17-Aug-21
2: Analysis Start Time		---	---	18:15	18:15	18:15	17:40
3: Analysis Completed Date		---	---	20-Aug-21	20-Aug-21	20-Aug-21	20-Aug-21
4: Analysis Completed Time		---	---	10:02	10:02	10:02	10:02
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	16-Aug-21 14:00	10.9	0.48	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	16-Aug-21 12:51	10.9	0.55	0	0	0	---
8: 1A0DC DW Denfield Sample Station	16-Aug-21 11:29	10.9	0.97	0	0	0	---
9: 3604D DW Ilderton PS1	16-Aug-21 10:17	10.9	0.87	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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23-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 17 August 2021
LR Report: CA20924-AUG21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	17-Aug-21	17-Aug-21	17-Aug-21	17-Aug-21
2: Analysis Start Time		---	---	18:15	18:15	18:15	17:40
3: Analysis Completed Date		---	---	20-Aug-21	20-Aug-21	20-Aug-21	20-Aug-21
4: Analysis Completed Time		---	---	10:01	10:01	10:01	10:01
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	16-Aug-21 09:39	10.9	1.03	0	0	0	< 10
7: 36023 DW Delaware Water Tower	16-Aug-21 11:14	10.9	0.45	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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27-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 24 August 2021
LR Report: CA21347-AUG21

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CERTIFICATE OF ANALYSIS

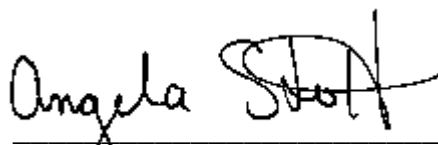
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	24-Aug-21	24-Aug-21	24-Aug-21	24-Aug-21
2: Analysis Start Time		---	---	17:00	17:00	17:00	16:30
3: Analysis Completed Date		---	---	27-Aug-21	27-Aug-21	27-Aug-21	27-Aug-21
4: Analysis Completed Time		---	---	12:48	12:48	12:48	12:48
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	23-Aug-21 13:26	9.7	0.68	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	23-Aug-21 12:45	9.7	0.94	0	0	0	---
8: 1A0DC DW Denfield Sample Station	23-Aug-21 14:35	9.7	1.17	0	0	0	---
9: 3604D DW Ilderton PS1	23-Aug-21 08:51	9.7	1.18	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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27-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 24 August 2021
LR Report: CA21344-AUG21

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Canada, N0M 2A0
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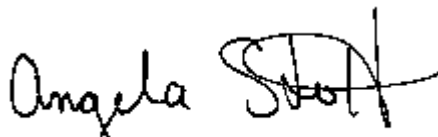
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	24-Aug-21	24-Aug-21	24-Aug-21	24-Aug-21
2: Analysis Start Time		---	---	16:20	16:20	16:20	15:45
3: Analysis Completed Date		---	---	27-Aug-21	27-Aug-21	27-Aug-21	27-Aug-21
4: Analysis Completed Time		---	---	12:34	12:34	12:34	12:34
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	23-Aug-21 09:17	9.7	1.29	0	0	0	10
7: 36023 DW Delaware Water Tower	23-Aug-21 12:35	9.7	0.42	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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03-September-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 31 August 2021
LR Report: CA21767-AUG21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	31-Aug-21	31-Aug-21	31-Aug-21	31-Aug-21
2: Analysis Start Time		---	---	16:35	16:35	16:35	16:00
3: Analysis Completed Date		---	---	03-Sep-21	03-Sep-21	03-Sep-21	03-Sep-21
4: Analysis Completed Time		---	---	08:19	08:19	08:19	08:19
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	30-Aug-21 13:42	16.2	0.56	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	30-Aug-21 13:14	16.2	0.59	0	0	0	---
8: 1A0DC DW Denfield Sample Station	30-Aug-21 11:50	16.2	0.87	0	0	0	---
9: 3604D DW Ilderton PS1	30-Aug-21 11:05	16.2	1.08	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Project Specialist-London,
Environment, Health & Safety

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03-September-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 31 August 2021
LR Report: CA21766-AUG21

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Phone: 519-666-0190, Fax:519-666-0271

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	31-Aug-21	31-Aug-21	31-Aug-21	31-Aug-21
2: Analysis Start Time		---	---	16:35	16:35	16:35	16:00
3: Analysis Completed Date		---	---	03-Sep-21	03-Sep-21	03-Sep-21	03-Sep-21
4: Analysis Completed Time		---	---	08:18	08:18	08:18	08:18
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	30-Aug-21 11:22	11.4	1.16	0	0	0	10
7: 36023 DW Delaware Water Tower	30-Aug-21 09:07	12.4	0.41	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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London - Ontario - N6E 2S8
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09-September-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 September 2021
LR Report: CA20211-SEP21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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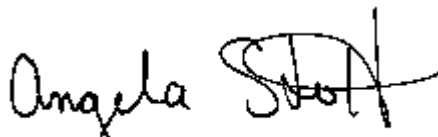
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	07-Sep-21	07-Sep-21	07-Sep-21	07-Sep-21
2: Analysis Start Time		---	---	15:55	15:55	15:55	15:00
3: Analysis Completed Date		---	---	09-Sep-21	09-Sep-21	09-Sep-21	09-Sep-21
4: Analysis Completed Time		---	---	16:06	16:06	16:06	16:06
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	06-Sep-21 10:04	9.3	1.24	0	0	0	10
7: 36023 DW Delaware Water Tower	06-Sep-21 11:40	11.6	0.41	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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09-September-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 September 2021
LR Report: CA20209-SEP21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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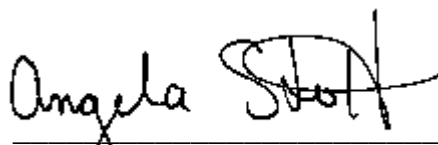
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	07-Sep-21	07-Sep-21	07-Sep-21	07-Sep-21
2: Analysis Start Time		---	---	15:55	15:55	15:55	15:00
3: Analysis Completed Date		---	---	09-Sep-21	09-Sep-21	09-Sep-21	09-Sep-21
4: Analysis Completed Time		---	---	16:06	16:06	16:06	16:06
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	06-Sep-21 12:40	7.8	0.61	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	06-Sep-21 12:11	7.8	0.58	0	0	0	---
8: 1A0DC DW Denfield Sample Station	06-Sep-21 10:10	7.8	1.06	0	0	0	---
9: 3604D DW Ilderton PS1	06-Sep-21 10:36	7.8	1.12	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Works #: 260004202

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17-September-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 September 2021
 LR Report: CA20626-SEP21

10227 Ilderton Rd.
 Ilderton, ON
 N0M 2A0, Canada

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Phone: 519-666-0190
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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	14-Sep-21	14-Sep-21	14-Sep-21	14-Sep-21
2: Analysis Start Time		---	---	12:55	12:55	12:55	12:10
3: Analysis Completed Date		---	---	16-Sep-21	16-Sep-21	16-Sep-21	16-Sep-21
4: Analysis Completed Time		---	---	18:17	18:17	18:17	18:17
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	13-Sep-21 15:10	6.2	0.38	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	13-Sep-21 15:11	6.2	0.60	0	0	0	---
8: 1A0DC DW Denfield Sample Station	13-Sep-21 11:50	6.2	0.96	0	0	0	---
9: 3604D DW Ilderton PS1	13-Sep-21 11:35	6.2	1.00	0	0	0	---
10: 36050 DW Komoka Water Tower	13-Sep-21 09:10	6.1	1.24	0	0	0	< 10
11: 36023 DW Delaware Water Tower	13-Sep-21 08:21	6.0	0.41	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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24-September-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 September 2021
LR Report: CA21061-SEP21

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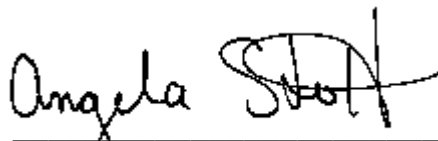
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	21-Sep-21	21-Sep-21	21-Sep-21	21-Sep-21
2: Analysis Start Time		---	---	14:45	14:45	14:45	13:30
3: Analysis Completed Date		---	---	24-Sep-21	24-Sep-21	24-Sep-21	24-Sep-21
4: Analysis Completed Time		---	---	14:07	14:07	14:07	14:07
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	20-Sep-21 10:26	7.0	0.58	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	20-Sep-21 09:51	7.0	0.71	0	0	0	---
8: 1A0DC DW Denfield Sample Station	20-Sep-21 14:50	7.0	1.29	0	0	0	---
9: 3604D DW Ilderton PS1	20-Sep-21 14:14	7.0	0.97	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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24-September-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 September 2021
LR Report: CA21064-SEP21

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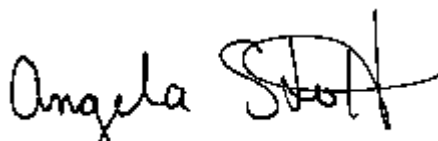
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	21-Sep-21	21-Sep-21	21-Sep-21	21-Sep-21
2: Analysis Start Time		---	---	14:45	14:45	14:45	13:30
3: Analysis Completed Date		---	---	24-Sep-21	24-Sep-21	24-Sep-21	24-Sep-21
4: Analysis Completed Time		---	---	14:08	14:08	14:08	14:08
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	20-Sep-21 11:07	7.0	1.07	0	0	0	< 10
7: 36023 DW Delaware Water Tower	20-Sep-21 09:22	7.0	0.41	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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01-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 28 September 2021
LR Report: CA21431-SEP21

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	28-Sep-21	28-Sep-21	28-Sep-21	28-Sep-21
2: Analysis Start Time		---	---	12:50	12:50	12:50	12:05
3: Analysis Completed Date		---	---	30-Sep-21	30-Sep-21	30-Sep-21	30-Sep-21
4: Analysis Completed Time		---	---	16:38	16:38	16:38	16:38
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	27-Sep-21 12:57	8.1	0.50	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	27-Sep-21 11:25	8.1	0.51	0	0	0	---
8: 1A0DC DW Denfield Sample Station	27-Sep-21 09:48	8.1	1.38	0	0	0	---
9: 3604D DW Ilderton PS1	27-Sep-21 09:00	8.1	1.01	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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01-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 28 September 2021
LR Report: CA21430-SEP21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	28-Sep-21	28-Sep-21	28-Sep-21	28-Sep-21
2: Analysis Start Time		---	---	12:50	12:50	12:50	12:05
3: Analysis Completed Date		---	---	30-Sep-21	30-Sep-21	30-Sep-21	30-Sep-21
4: Analysis Completed Time		---	---	16:38	16:38	16:38	16:38
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	27-Sep-21 09:42	8.1	1.04	0	0	0	< 10
7: 36023 DW Delaware Water Tower	27-Sep-21 12:00	8.1	0.44	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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London - Ontario - N6E 2S8
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08-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 05 October 2021
LR Report: CA20118-OCT21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	05-Oct-21	05-Oct-21	05-Oct-21	05-Oct-21
2: Analysis Start Time		---	---	15:05	15:05	15:05	14:20
3: Analysis Completed Date		---	---	07-Oct-21	07-Oct-21	07-Oct-21	07-Oct-21
4: Analysis Completed Time		---	---	13:05	13:05	13:05	13:05
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	04-Oct-21 14:00	9.4	0.65	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	04-Oct-21 14:17	9.4	0.58	0	0	0	---
8: 1A0DC DW Denfield Sample Station	04-Oct-21 11:48	9.4	1.05	0	0	0	---
9: 3604D DW Ilderton PS1	04-Oct-21 10:50	9.4	1.00	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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08-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 05 October 2021

LR Report: CA20120-OCT21

10227 Ilderton Rd., Ilderton

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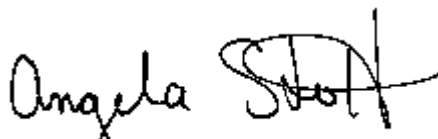
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	05-Oct-21	05-Oct-21	05-Oct-21	05-Oct-21
2: Analysis Start Time		---	---	15:05	15:05	15:05	14:20
3: Analysis Completed Date		---	---	07-Oct-21	07-Oct-21	07-Oct-21	07-Oct-21
4: Analysis Completed Time		---	---	13:06	13:06	13:06	13:06
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	04-Oct-21 09:55	9.4	1.04	0	0	0	< 10
7: 36023 DW Delaware Water Tower	04-Oct-21 11:55	9.4	0.43	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



Angela Stott, B.Sc.
Branch Manager-London
Environment, Health & Safety



Works #: 260004202

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15-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 05 October 2021
LR Report: CA30045-OCT21

10227 Ilderton Rd.
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CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MAC	8: MDL	9: 36050 DW Komoka Water Tower
Sample Date & Time							04-Oct-21 09:55
Temperature Upon Receipt [at Lakefield Lab °C]	---	---	---	---	---	---	15.0
Field Free Chlorine [mg/L]	---	---	---	---	---	---	1.04
Trihalomethanes (total) [ug/L]	12-Oct-21	20:51	13-Oct-21	15:29	100 (RAA)	0.37	46
Bromodichloromethane [ug/L]	12-Oct-21	20:51	13-Oct-21	15:29	--	0.26	9.4
Bromoform [ug/L]	12-Oct-21	20:51	13-Oct-21	15:29	--	0.34	0.34 <MDL
Chloroform [ug/L]	12-Oct-21	20:51	13-Oct-21	15:29	--	0.29	33
Dibromochloromethane [ug/L]	12-Oct-21	20:51	13-Oct-21	15:29	--	0.37	3.4
Total Haloacetic Acids (HAA5) [ug/L]	13-Oct-21	07:06	15-Oct-21	10:16	80 (RAA)	5.3	20.5
Chloroacetic Acid [ug/L]	13-Oct-21	07:06	15-Oct-21	10:16	---	4.7	4.7 <MDL
Bromoacetic Acid [ug/L]	13-Oct-21	07:06	15-Oct-21	10:16	---	2.9	2.9 <MDL
Dichloroacetic Acid [ug/L]	13-Oct-21	07:06	15-Oct-21	10:16	---	2.6	12.5
Dibromoacetic Acid [ug/L]	13-Oct-21	07:06	15-Oct-21	10:16	---	2.0	2.0 <MDL
Trichloroacetic Acid [ug/L]	13-Oct-21	07:06	15-Oct-21	10:16	---	5.3	8.0

MAC - Maximum Acceptable Concentration
MDL - SGS Method Detection Limit

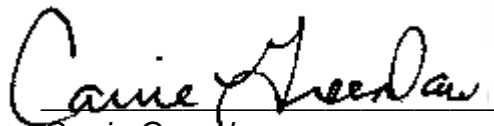
Method Descriptions

Units	Description	SGS Method Code
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	HAA wtr - DW	ME-CA-[ENV]GC-LAK-AN-013
ug/L	VOC wtr - THM	ME-CA-[ENV]GC-LAK-AN-004

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LR Report : CA30045-OCT21



Carrie Greenlaw
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15-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 12 October 2021
LR Report: CA20401-OCT21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
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CERTIFICATE OF ANALYSIS

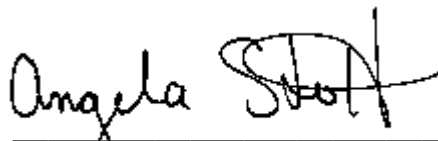
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	12-Oct-21	12-Oct-21	12-Oct-21	12-Oct-21
2: Analysis Start Time		---	---	15:30	15:30	15:30	14:40
3: Analysis Completed Date		---	---	15-Oct-21	15-Oct-21	15-Oct-21	15-Oct-21
4: Analysis Completed Time		---	---	07:49	07:49	07:49	07:49
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	11-Oct-21 14:53	6.3	0.35	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	11-Oct-21 13:49	6.3	0.68	0	0	0	---
8: 1A0DC DW Denfield Sample Station	11-Oct-21 11:20	6.3	1.03	0	0	0	---
9: 3604D DW Ilderton PS1	11-Oct-21 10:35	6.3	1.04	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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15-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 12 October 2021

LR Report: CA20400-OCT21

10227 Ilderton Rd., Ilderton

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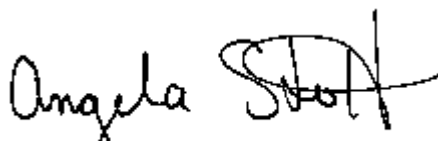
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	12-Oct-21	12-Oct-21	12-Oct-21	12-Oct-21
2: Analysis Start Time		---	---	15:30	15:30	15:30	14:40
3: Analysis Completed Date		---	---	15-Oct-21	15-Oct-21	15-Oct-21	15-Oct-21
4: Analysis Completed Time		---	---	07:49	07:49	07:49	07:49
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	11-Oct-21 14:08	6.3	1.35	0	0	0	< 10
7: 36023 DW Delaware Water Tower	11-Oct-21 14:30	6.3	0.43	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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22-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 19 October 2021
LR Report: CA20831-OCT21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	19-Oct-21	19-Oct-21	19-Oct-21	19-Oct-21
2: Analysis Start Time		---	---	16:15	16:15	16:15	15:20
3: Analysis Completed Date		---	---	21-Oct-21	21-Oct-21	21-Oct-21	21-Oct-21
4: Analysis Completed Time		---	---	15:39	15:39	15:39	15:39
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	18-Oct-21 14:07	9.9	0.46	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	18-Oct-21 13:15	9.9	0.64	0	0	0	---
8: 1A0DC DW Denfield Sample Station	18-Oct-21 11:00	9.9	0.96	0	0	0	---
9: 3604D DW Ilderton PS1	18-Oct-21 10:05	9.9	1.08	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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27-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 19 October 2021
LR Report: CA20832-OCT21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	19-Oct-21	19-Oct-21	19-Oct-21	19-Oct-21
2: Analysis Start Time		---	---	16:15	16:15	16:15	15:20
3: Analysis Completed Date		---	---	21-Oct-21	21-Oct-21	21-Oct-21	21-Oct-21
4: Analysis Completed Time		---	---	15:39	15:39	15:39	15:39
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	18-Oct-21 09:37	9.9	1.12	0	0	0	< 10
7: 36023 DW Delaware Water Tower	18-Oct-21 12:42	9.9	0.56	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Works #: 260004202

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29-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 26 October 2021
 LR Report: CA21242-OCT21

10227 Ilderton Rd.
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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	26-Oct-21	26-Oct-21	26-Oct-21	26-Oct-21
2: Analysis Start Time		---	---	17:20	17:20	17:20	16:30
3: Analysis Completed Date		---	---	29-Oct-21	29-Oct-21	29-Oct-21	29-Oct-21
4: Analysis Completed Time		---	---	09:19	09:19	09:19	09:19
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	25-Oct-21 14:55	5.4	0.44	0	0	0	10
7: 1A0D9 DW Ballymote Sample Station	25-Oct-21 14:10	5.4	0.59	0	0	0	---
8: 1A0DC DW Denfield Sample Station	25-Oct-21 11:10	5.4	1.04	0	0	0	---
9: 3604D DW Ilderton PS1	25-Oct-21 10:03	5.4	0.94	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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29-October-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 26 October 2021
LR Report: CA21241-OCT21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	26-Oct-21	26-Oct-21	26-Oct-21	26-Oct-21
2: Analysis Start Time		---	---	17:20	17:20	17:20	16:30
3: Analysis Completed Date		---	---	29-Oct-21	29-Oct-21	29-Oct-21	29-Oct-21
4: Analysis Completed Time		---	---	09:19	09:19	09:19	09:19
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	25-Oct-21 08:31	4.7	1.25	0	0	0	< 10
7: 36023 DW Delaware Water Tower	25-Oct-21 10:18	6.0	0.47	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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05-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 November 2021
LR Report: CA20088-NOV21

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CERTIFICATE OF ANALYSIS

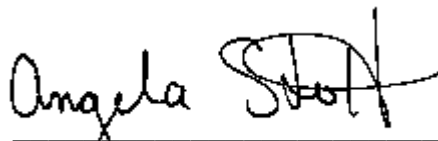
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	02-Nov-21	02-Nov-21	02-Nov-21	02-Nov-21
2: Analysis Start Time		---	---	16:05	16:05	16:05	14:30
3: Analysis Completed Date		---	---	04-Nov-21	04-Nov-21	04-Nov-21	04-Nov-21
4: Analysis Completed Time		---	---	16:13	16:13	16:13	16:13
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	01-Nov-21 14:08	5.9	0.61	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	01-Nov-21 12:59	5.9	0.53	0	0	0	---
8: 1A0DC DW Denfield Sample Station	01-Nov-21 11:27	5.9	1.16	0	0	0	---
9: 3604D DW Ilderton PS1	01-Nov-21 10:19	5.9	0.99	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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05-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 November 2021
LR Report: CA20090-NOV21

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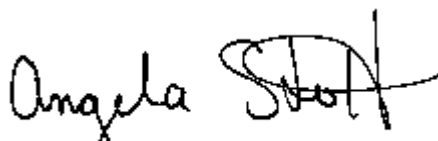
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	02-Nov-21	02-Nov-21	02-Nov-21	02-Nov-21
2: Analysis Start Time		---	---	16:05	16:05	16:05	14:30
3: Analysis Completed Date		---	---	04-Nov-21	04-Nov-21	04-Nov-21	04-Nov-21
4: Analysis Completed Time		---	---	16:14	16:14	16:14	16:14
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	01-Nov-21 10:47	7.6	1.40	0	0	0	< 10
7: 36023 DW Delaware Water Tower	01-Nov-21 08:41	7.5	0.59	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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17-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 November 2021
LR Report: CA20430-NOV21

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	09-Nov-21	09-Nov-21	09-Nov-21	09-Nov-21
2: Analysis Start Time		---	---	17:40	17:40	17:40	17:15
3: Analysis Completed Date		---	---	11-Nov-21	11-Nov-21	11-Nov-21	11-Nov-21
4: Analysis Completed Time		---	---	16:14	16:14	16:14	16:14
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	08-Nov-21 12:47	7.4	0.59	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	08-Nov-21 12:31	7.4	0.56	0	0	0	---
8: 1A0DC DW Denfield Sample Station	08-Nov-21 11:05	7.4	1.27	0	0	0	---
9: 3604D DW Ilderton PS1	08-Nov-21 10:15	7.4	1.12	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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12-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 November 2021
LR Report: CA20429-NOV21

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CERTIFICATE OF ANALYSIS

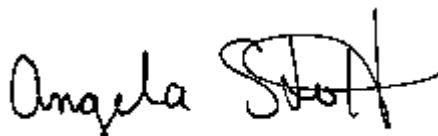
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	09-Nov-21	09-Nov-21	09-Nov-21	09-Nov-21
2: Analysis Start Time		---	---	17:40	17:40	17:40	17:15
3: Analysis Completed Date		---	---	11-Nov-21	11-Nov-21	11-Nov-21	11-Nov-21
4: Analysis Completed Time		---	---	16:14	16:14	16:14	16:14
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	08-Nov-21 14:23	7.8	1.50	0	0	0	< 10
7: 36023 DW Delaware Water Tower	08-Nov-21 10:31	6.1	0.69	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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19-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 November 2021
LR Report: CA20763-NOV21

10227 Ilderton Rd., Ilderton
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Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Nov-21	16-Nov-21	16-Nov-21	16-Nov-21
2: Analysis Start Time		---	---	16:40	16:40	16:40	16:05
3: Analysis Completed Date		---	---	19-Nov-21	19-Nov-21	19-Nov-21	19-Nov-21
4: Analysis Completed Time		---	---	08:34	08:34	08:34	08:34
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	15-Nov-21 14:30	7.8	0.62	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	15-Nov-21 13:52	7.8	0.58	0	0	0	---
8: 1A0DC DW Denfield Sample Station	15-Nov-21 11:47	7.8	1.20	0	0	0	---
9: 3604D DW Ilderton PS1	15-Nov-21 11:25	7.8	1.15	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Works #: 260004202

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22-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 November 2021
LR Report: CA20766-NOV21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

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Phone: 519-666-0190
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	16-Nov-21	16-Nov-21	16-Nov-21	16-Nov-21
2: Analysis Start Time		---	---	16:40	16:40	16:40	16:05
3: Analysis Completed Date		---	---	19-Nov-21	19-Nov-21	19-Nov-21	19-Nov-21
4: Analysis Completed Time		---	---	08:34	08:34	08:34	08:34
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	15-Nov-21 08:50	7.8	1.35	0	0	0	< 10
7: 36023 DW Delaware Water Tower	15-Nov-21 10:44	7.8	0.81	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001

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657 Consortium Court
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29-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 23 November 2021
LR Report: CA21120-NOV21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Copy: #1

Phone: 519-666-0190
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

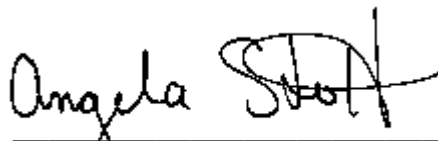
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	23-Nov-21	23-Nov-21	23-Nov-21	23-Nov-21
2: Analysis Start Time		---	---	18:50	18:50	18:50	17:30
3: Analysis Completed Date		---	---	26-Nov-21	26-Nov-21	26-Nov-21	26-Nov-21
4: Analysis Completed Time		---	---	12:17	12:17	12:17	12:17
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	22-Nov-21 14:25	3.6	0.61	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	22-Nov-21 14:20	3.6	0.69	0	0	0	---
8: 1A0DC DW Denfield Sample Station	22-Nov-21 09:20	3.6	1.25	0	0	0	---
9: 3604D DW Ilderton PS1	22-Nov-21 09:55	3.6	1.17	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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26-November-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 23 November 2021
LR Report: CA21111-NOV21

10227 Ilderton Rd.
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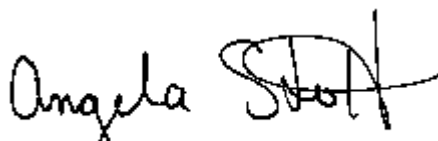
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/mL
1: Analysis Start Date		---	---	23-Nov-21	23-Nov-21	23-Nov-21	23-Nov-21
2: Analysis Start Time		---	---	17:35	17:35	17:35	17:05
3: Analysis Completed Date		---	---	26-Nov-21	26-Nov-21	26-Nov-21	26-Nov-21
4: Analysis Completed Time		---	---	12:12	12:12	12:12	12:12
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	22-Nov-21 11:08	3.6	1.37	0	0	0	< 10
7: 36023 DW Delaware Water Tower	22-Nov-21 12:47	3.6	0.77	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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03-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 30 November 2021
LR Report: CA21405-NOV21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	30-Nov-21	30-Nov-21	30-Nov-21	30-Nov-21
2: Analysis Start Time		---	---	16:40	16:40	16:40	16:05
3: Analysis Completed Date		---	---	02-Dec-21	02-Dec-21	02-Dec-21	02-Dec-21
4: Analysis Completed Time		---	---	14:15	14:15	14:15	14:15
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	29-Nov-21 11:41	5.4	0.67	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	29-Nov-21 11:07	5.4	0.76	0	0	0	---
8: 1A0DC DW Denfield Sample Station	29-Nov-21 13:56	5.4	1.27	0	0	0	---
9: 3604D DW Ilderton PS1	29-Nov-21 09:25	5.4	1.17	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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03-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 30 November 2021
LR Report: CA21402-NOV21

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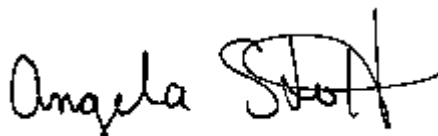
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	30-Nov-21	30-Nov-21	30-Nov-21	30-Nov-21
2: Analysis Start Time		---	---	16:40	16:40	16:40	16:05
3: Analysis Completed Date		---	---	02-Dec-21	02-Dec-21	02-Dec-21	02-Dec-21
4: Analysis Completed Time		---	---	14:14	14:14	14:14	14:14
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	29-Nov-21 10:57	4.8	1.12	0	0	0	< 10
7: 36023 DW Delaware Water Tower	29-Nov-21 12:53	4.1	0.85	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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10-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 December 2021
LR Report: CA20289-DEC21

10227 Ilderton Rd., Ilderton
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Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	07-Dec-21	07-Dec-21	07-Dec-21	07-Dec-21
2: Analysis Start Time		---	---	18:05	18:05	18:05	17:35
3: Analysis Completed Date		---	---	10-Dec-21	10-Dec-21	10-Dec-21	10-Dec-21
4: Analysis Completed Time		---	---	08:26	08:26	08:26	08:26
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	06-Dec-21 11:41	5.1	0.69	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	06-Dec-21 11:20	5.1	0.76	0	0	0	---
8: 1A0DC DW Denfield Sample Station	06-Dec-21 14:27	5.1	1.05	0	0	0	---
9: 3604D DW Ilderton PS1	06-Dec-21 13:45	5.1	1.17	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Environment, Health & Safety



Works #: 260004202

SGS Canada Inc.

657 Consortium Court
 London - Ontario - N6E 2S8
 Phone: 519-672-4500 FAX: 519-672-0361

10-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 December 2021
 LR Report: CA20291-DEC21

10227 Ilderton Rd.
 Ilderton, ON
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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL
1: Analysis Start Date		---	---	07-Dec-21	07-Dec-21	07-Dec-21
2: Analysis Start Time		---	---	18:05	18:05	18:05
3: Analysis Completed Date		---	---	10-Dec-21	10-Dec-21	10-Dec-21
4: Analysis Completed Time		---	---	08:31	08:31	08:31
5: MAC		---	---	0	0	---
6: 36050 DW Komoka Water Tower	06-Dec-21 12:38	5.1	1.21	0	0	0
7: 36023 DW Delaware Water Tower	06-Dec-21 10:05	5.1	0.97	0	0	0

Sample ID	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date	07-Dec-21
2: Analysis Start Time	17:35
3: Analysis Completed Date	10-Dec-21
4: Analysis Completed Time	08:31
5: MAC	---
6: 36050 DW Komoka Water Tower	< 10
7: 36023 DW Delaware Water Tower	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Works #: 260004202

LR Report : CA20291-DEC21

Cristal Schuster
Project Specialist-London,
Environment, Health & Safety

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London - Ontario - N6E 2S8
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17-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 December 2021
LR Report: CA20608-DEC21

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Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	14-Dec-21	14-Dec-21	14-Dec-21	14-Dec-21
2: Analysis Start Time		---	---	17:00	17:00	17:00	16:00
3: Analysis Completed Date		---	---	17-Dec-21	17-Dec-21	17-Dec-21	17-Dec-21
4: Analysis Completed Time		---	---	08:07	08:07	08:07	08:07
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	13-Dec-21 13:15	12.5	0.76	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	13-Dec-21 12:19	12.5	0.74	0	0	0	---
8: 1A0DC DW Denfield Sample Station	13-Dec-21 10:44	12.5	1.03	0	0	0	---
9: 3604D DW Ilderton PS1	13-Dec-21 09:20	12.5	1.12	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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17-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 December 2021
LR Report: CA20606-DEC21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax:519-666-0271

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CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	14-Dec-21	14-Dec-21	14-Dec-21	14-Dec-21
2: Analysis Start Time		---	---	17:00	17:00	17:00	16:00
3: Analysis Completed Date		---	---	17-Dec-21	17-Dec-21	17-Dec-21	17-Dec-21
4: Analysis Completed Time		---	---	08:07	08:07	08:07	08:07
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	13-Dec-21 09:55	12.5	1.16	0	0	0	< 10
7: 36023 DW Delaware Water Tower	13-Dec-21 10:50	12.5	0.92	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Units	Description	SGS Method Code
cfu/100mL	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/1mL	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
cfu/100mL	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
cfu/100mL	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001


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24-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 December 2021
LR Report: CA20937-DEC21

10227 Ilderton Rd.
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N0M 2A0, Canada

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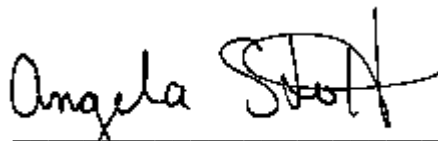
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	21-Dec-21	21-Dec-21	21-Dec-21	21-Dec-21
2: Analysis Start Time		---	---	16:50	16:50	16:50	17:30
3: Analysis Completed Date		---	---	23-Dec-21	23-Dec-21	23-Dec-21	23-Dec-21
4: Analysis Completed Time		---	---	16:35	16:35	16:35	16:35
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	20-Dec-21 09:24	6.2	0.79	0	0	2	< 10
7: 1A0D9 DW Ballymote Sample Station	20-Dec-21 08:55	6.2	0.83	0	0	0	---
8: 1A0DC DW Denfield Sample Station	20-Dec-21 11:12	6.2	1.06	0	0	0	---
9: 3604D DW Ilderton PS1	20-Dec-21 11:26	6.2	1.20	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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24-December-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 December 2021
LR Report: CA20938-DEC21

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Phone: 519-666-0190
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CERTIFICATE OF ANALYSIS

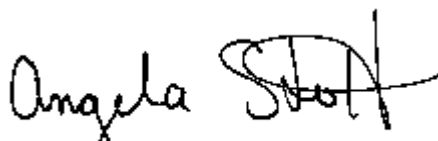
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	21-Dec-21	21-Dec-21	21-Dec-21	21-Dec-21
2: Analysis Start Time		---	---	16:50	16:50	16:50	17:30
3: Analysis Completed Date		---	---	23-Dec-21	23-Dec-21	23-Dec-21	23-Dec-21
4: Analysis Completed Time		---	---	16:35	16:35	16:35	16:35
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	20-Dec-21 09:07	6.2	1.21	0	0	0	< 10
7: 36023 DW Delaware Water Tower	20-Dec-21 10:27	6.2	0.93	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



Angela Stott, B.Sc.
Branch Manager-London
Environment, Health & Safety

SGS Canada Inc.

657 Consortium Court
London - Ontario - N6E 2S8
Phone: 519-672-4500 FAX: 519-672-0361

05-January-2022

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 29 December 2021
LR Report: CA21086-DEC21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Copy: #1

Phone: 519-666-0190
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

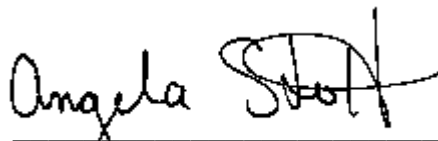
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	29-Dec-21	29-Dec-21	29-Dec-21	29-Dec-21
2: Analysis Start Time		---	---	11:35	11:35	11:35	11:15
3: Analysis Completed Date		---	---	31-Dec-21	31-Dec-21	31-Dec-21	31-Dec-21
4: Analysis Completed Time		---	---	10:07	10:07	10:07	10:07
5: MAC		---	---	0	0	---	---
6: 1A0D7 DW Arva Fire Hall	28-Dec-21 15:29	4.6	0.72	0	0	0	< 10
7: 1A0D9 DW Ballymote Sample Station	28-Dec-21 15:15	4.6	0.80	0	0	0	---
8: 1A0DC DW Denfield Sample Station	28-Dec-21 12:20	4.6	1.13	0	0	0	---
9: 3604D DW Ilderton PS1	28-Dec-21 11:25	4.6	1.19	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



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Environment, Health & Safety

SGS Canada Inc.

657 Consortium Court
London - Ontario - N6E 2S8
Phone: 519-672-4500 FAX: 519-672-0361

05-January-2022

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 29 December 2021
LR Report: CA21088-DEC21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Copy: #1

Phone: 519-666-0190
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

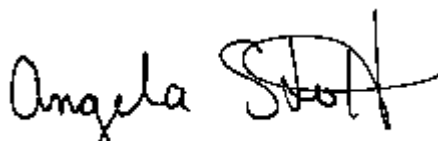
Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	29-Dec-21	29-Dec-21	29-Dec-21	29-Dec-21
2: Analysis Start Time		---	---	11:35	11:35	11:35	11:15
3: Analysis Completed Date		---	---	31-Dec-21	31-Dec-21	31-Dec-21	31-Dec-21
4: Analysis Completed Time		---	---	10:07	10:07	10:07	10:07
5: MAC		---	---	0	0	---	---
6: 36050 DW Komoka Water Tower	28-Dec-21 12:33	5.9	1.22	0	0	0	< 10
7: 36023 DW Delaware Water Tower	28-Dec-21 11:08	7.1	0.98	0	0	0	---

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001



Angela Stott, B.Sc.
Branch Manager-London
Environment, Health & Safety

SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

25-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 19 January 2021
LR Report: CA30301-JAN21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Copy: #1

Phone: 519-666-0190 ext 255
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature upon Delivery @ London Lab °C	Field pH	Alkalinity mg/L as CaCO3	Lead ug/L
1: Analysis Start Date		---	---	20-Jan-21	25-Jan-21
2: Analysis Start Time		---	---	16:03	07:32
3: Analysis Completed Date		---	---	22-Jan-21	25-Jan-21
4: Analysis Completed Time		---	---	08:34	10:34
5: MAC		---	---	---	10
6: AO/OG		---	6.5-8.5	30-500	---
7: MDL		---	---	2	0.01
8: DW Sample Station Sample Station - Denfield 1	18-Jan-21 13:23	4.7	6.91	---	0.18
9: DW Sample Station Sample Station - Denfield 2	18-Jan-21 13:23	4.7	6.91	86	---
10: DW Sample Station Sample Station - Ballymote 1	18-Jan-21 14:40	4.7	6.90	---	0.45
11: DW Sample Station Sample Station - Ballymote 2	18-Jan-21 14:40	4.7	6.90	79	---
12: DW Ko-71 171 Queen St - Komoka 1	18-Jan-21 10:36	4.7	7.64	---	0.05
13: DW Ko-71 171 Queen St - Komoka 2	18-Jan-21 10:36	4.7	7.64	82	---
14: DW Ki-36 71A Blackburn Cres. 1	18-Jan-21 11:20	4.7	7.67	---	0.53
15: DW Ki-36 71A Blackburn Cres. 2	18-Jan-21 11:20	4.7	7.67	80	---

MAC - Maximum Acceptable Concentration
AO/OG - Aesthetic Objective / Operational Guideline
MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
mg/L as CaCO3	Alkalinity by Titration	ME-CA-[ENV]EWL-LAK-AN-006
ug/L	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006

Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

25-January-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 19 January 2021
LR Report: CA30302-JAN21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Copy: #1

Phone: 519-666-0190 ext 255
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature upon Delivery @ London Lab °C	Field pH	Lead ug/L
1: Analysis Start Date		---	---	25-Jan-21
2: Analysis Start Time		---	---	07:32
3: Analysis Completed Date		---	---	25-Jan-21
4: Analysis Completed Time		---	---	10:34
5: MAC		---	---	10
6: AO/OG		---	6.5-8.5	---
7: MDL		---	---	0.01
8: TAP-NR Sink on Site Pump Station 1 - 69 Timberwalk Trail - Ilderton 1	18-Jan-21 11:24	4.7	6.95	0.22
9: TAP-NR Sink on Site Pump Station 1 - 69 Timberwalk Trail - Ilderton 2	18-Jan-21 11:24	4.7	6.95	0.49
10: TAP-NR Lunchroom Delaware Fire Hall - 11563 Longwoods Rd 1	18-Jan-21 09:24	4.7	7.62	0.57
11: TAP-NR Lunchroom Delaware Fire Hall - 11563 Longwoods Rd 2	18-Jan-21 09:24	4.7	7.62	1.17

MAC - Maximum Acceptable Concentration
AO/OG - Aesthetic Objective / Operational Guideline
MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
ug/L	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006


 Carrie Greenlaw
 Project Specialist,
 Environment, Health & Safety

SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

18-August-2021

Mun of Middlesex Centre (Middlesex Centre)
Attn : Brian Watson

Date Rec. : 10 August 2021
LR Report: CA30204-AUG21

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Copy: #1

Phone: 519-666-0190 ext 255
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

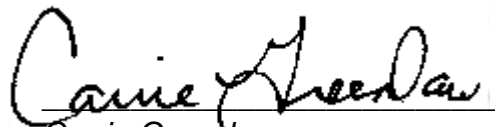
Final Report

Sample ID	Sample Date & Time	Temperature upon Delivery @ London Lab °C	Field pH	Alkalinity mg/L as CaCO ₃	Lead ug/L
1: Analysis Start Date		---	---	12-Aug-21	18-Aug-21
2: Analysis Start Time		---	---	15:14	06:30
3: Analysis Completed Date		---	---	13-Aug-21	18-Aug-21
4: Analysis Completed Time		---	---	13:43	12:06
5: MAC		---	---	---	10
6: AO/OG		---	6.5-8.5	30-500	---
7: MDL		---	---	2	0.01
8: DW Hydrant IL-01 13148 Ilderton Rd- Ilderton	09-Aug-21 11:15	8.2	7.18	77	0.11
9: DW Hydrant Ar-05 14430 Medway Rd- Arva	09-Aug-21 13:30	8.2	6.85	76	0.05

MAC - Maximum Acceptable Concentration
AO/OG - Aesthetic Objective / Operational Guideline
MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
mg/L as CaCO ₃	Alkalinity by Titration	ME-CA-[ENV]EWL-LAK-AN-006
ug/L	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006


 Carrie Greenlaw
 Project Specialist,
 Environment, Health & Safety



Works #: 260004202

SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

18-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Date Rec. : 10 August 2021
LR Report: CA30205-AUG21

Copy: #1

Phone: 519-666-0190 ext 255
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature upon Delivery @ London Lab °C	Field pH	Alkalinity mg/L as CaCO ₃	Lead ug/L
1: Analysis Start Date		---	---	12-Aug-21	18-Aug-21
2: Analysis Start Time		---	---	15:14	06:30
3: Analysis Completed Date		---	---	13-Aug-21	18-Aug-21
4: Analysis Completed Time		---	---	13:43	12:06
5: MAC		---	---	---	10
6: AO/OG		---	6.5-8.5	30-500	---
7: MDL		---	---	2	0.01
8: DW Ko-71 171 Queen St - Komoka	09-Aug-21 13:50	8.4	8.2	79	0.19
9: DW De-14 3638 Springer Rd. - Delaware	09-Aug-21 10:50	8.4	8.3	78	0.26

MAC - Maximum Acceptable Concentration
AO/OG - Aesthetic Objective / Operational Guideline
MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
mg/L as CaCO ₃	Alkalinity by Titration	ME-CA-[ENV]EWL-LAK-AN-006
ug/L	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006


Carrie Greenlaw
Project Specialist,
Environment, Health & Safety



Works #: 260004202

SGS Canada Inc.

P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

18-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

10227 Ilderton Rd.
Ilderton, ON
N0M 2A0, Canada

Date Rec. : 10 August 2021
LR Report: CA30207-AUG21

Copy: #1

Phone: 519-666-0190 ext 255
Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature upon Delivery @ London Lab °C	Field pH	Lead ug/L
1: Analysis Start Date		---	---	18-Aug-21
2: Analysis Start Time		---	---	06:30
3: Analysis Completed Date		---	---	18-Aug-21
4: Analysis Completed Time		---	---	12:06
5: MAC		---	---	10
6: AO/OG		---	6.5-8.5	---
7: MDL		---	---	0.01
8: TAP-NR Sink at Back Ilderton Fire Hall 22531 Hyde Park Rd - Ilderton 1st	09-Aug-21 10:50	6.0	7.04	0.11
9: TAP-NR Sink at Back Ilderton Fire Hall 22531 Hyde Park Rd - Ilderton 2nd	09-Aug-21 10:50	6.0	7.04	0.10
10: TAP-NR Sink in Bay Arva Fire Hall 14352 Medway Rd - Arva 1st	09-Aug-21 14:55	6.0	7.43	0.17
11: TAP-NR Sink in Bay Arva Fire Hall 14352 Medway Rd - Arva 2nd	09-Aug-21 14:55	6.0	7.43	0.18

MAC - Maximum Acceptable Concentration
AO/OG - Aesthetic Objective / Operational Guideline
MDL - SGS Method Detection Limit

Method Descriptions

Units	Description	SGS Method Code
ug/L	Lead by ICP-MS Drinking Water	ME-CA-[ENV]SPE-LAK-AN-006


Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

APPENDIX B –

NOTICE OF ADVERSE TEST RESULTS AND OTHER PROBLEMS AND NOTICE OF ISSUE RESOLUTION AT DRINKING WATER SYSTEM FORMS 2(A) & 2(B)



Ontario

Ministry of
the Environment

Ministère de
l'Environnement

**Notice of Adverse Test Results and Other
Problems and Notice of Issue Resolution at
Drinking Water Systems**

**Déclaration de résultats d'analyse
insatisfaisants et d'autres problèmes et Avis de
règlement d'une question dans les réseaux**

Drinking Water Systems Regulation (O. Reg. 170/03)

Règlement sur les réseaux d'eau potable (Règl. de l'Ont. 170/03)

SECTION 2 (A) – WRITTEN NOTICE BY DRINKING WATER SYSTEM (DWS) OWNER

SECTION 2 (A) – DÉCLARATION ÉCRITE DU PROPRIÉTAIRE DU RÉSEAU D'EAU POTABLE (REP)

**Indicators of Adverse Water Quality
Indicateurs de qualité d'eau insatisfaisante**

AWQI No. / N° de l'avis de déclaration d'une eau de mauvaise qualité /:

155599

☐ Microbiological /
Microbiologiques

☐ Physical/Chemical /
Physiques/Chimiques

☐ Radiological / Radiologiques

☐ CofA/Order Exceeds Limit / Cert.
aut./Arrêté dépasse les limites

**Indicator of Adverse Results / Indicateurs de qualité d'eau
insatisfaisante**

**Details of Adverse Result (parameter of concern and amount) /
Détails des résultats d'analyse insatisfaisants (paramètre visé et quantité)**

☒ **Other Observations** (Improperly disinfected water directed to
water users, etc)
Autres observations (désinfection inadéquate de l'eau
acheminée vers les utilisateurs, etc.)

DWS Information / Renseignements sur le REP

DWS Name / Nom du REP

DWS Number / Numéro du REP

Municipality of Middlesex Centre Distribution

260004202

DWS Emergency Contact Name / Personne-ressource du REP en cas d'urgence

Last Name / Nom de famille

First Name / Prénom

Position / Poste occupé

Joudrey

Eric

Manager of Water/Wastewater Ops

Telephone No. / N° de téléphone

Fax No. / N° de téléc.

(519) 666-0190

Ext 255

519 666 0271

Additional Comments / Observations additionnelles

Samples that were collected were not delivered to lab for analysis

Oral Notification to MEDICAL OFFICER OF HEALTH / Déclaration orale au MÉDECIN-HYGIÉNISTE

Public Health Unit Name / Nom du bureau de santé

Middlesex London Health Unit

Person Contacted / Personne contactée

Last Name / Nom de famille

First Name / Prénom

Position / Poste occupé

Pasternak

Eric

Inspector

Telephone No. / N° de téléphone

Date (yyyy/mm/dd) / Date (aaaa/mm/jj)

Time / Heure

(519) 617-0557

Ext

2021/07/09

21:50

Fax No. / N° de téléc.

DWS Person Providing Oral Notification / Personne du REP qui a fait la déclaration orale

Eric Joudrey

Corrective Action(s) Taken by OWNER / Mesure(s) corrective(s) prises par le PROPRIÉTAIRE

Resample/Re-test / 2^e échantillonnage/analyse

Disinfectant Restored/Increased /
Rétablissement/accroissement de la désinfection

Flushing Mains/Pipes / Rinçage des
conduites principales et tuyaux

☐ Yes / Oui

☐ No / Non

☐ Yes / Oui

☐ No / Non

☐ Yes / Oui

☐ No / Non

Users Advised to Boil/Seek Alternate Water / Avis aux utilisateurs
de faire bouillir l'eau ou d'utiliser une autre source d'eau

☐ Yes / Oui

☐ No / Non

☒ Other Information attached / Renseignements supplémentaires joints

OTHER: (Include Health Unit Directions) / AUTRE: (mesures prescrites par le bureau de santé)

Was informed that samples were collected on monday July 5, 2021 by staff in the Middlesex Distribution System but were forgotten to be taken to the
Lab for analysis. Instructed staff to immediately go to collect samples right away away to collect a new set of samples on Friday July 9, 2021

Oral Notification to SPILLS ACTION CENTRE / Déclaration orale au CENTRE D'INTERVENTION EN CAS DE DÉVERSEMENT

Person Contacted / Personne contactée

Last Name / Nom de famille

First Name / Prénom

Position / Poste occupé

McDonald

Haideen

SAC

Date (yyyy/mm/dd) / Date (aaaa/mm/jj)

Time / Heure

DWS Person Providing Oral Notification / Personne du REP qui a fait la déclaration orale

2021/07/09

9:12

Eric Joudrey

Initial DWS Notification Prepared by / Déclaration initiale du REP préparée par

Signature / Signature

Date (yyyy/mm/dd) / Date (aaaa/mm/jj)

Eric Joudrey

2021/07/10

Notice of Adverse Test Results and Other Problems and Notice of Issue Resolution at Drinking Water Systems
Déclaration de résultats d'analyse insatisfaisants et d'autres problèmes et Avis de règlement d'une question dans les réseaux d'eau potable

Drinking Water Systems Regulation (O. Reg. 170/03)
Règlement sur les réseaux d'eau potable (Règl. de l'Ont. 170/03)

SECTION 2 (B) – NOTICE OF ISSUE RESOLUTION – SECTION 16-9 (O. REG. 170/03)
SECTION 2 (B) – AVIS DE RÉOLUTION DE PROBLÈME (RÈGL. DE L'ONT. 170/03)

DWS Name / Nom du REP	DWS Contact Name / Personne-ressource du REP
Municipality of Middlesex Centre Distribution	Eric Joudrey
DWS Number / Numéro du REP	Telephone No. / N° de téléphone
260004202	(519) 666-0190 Ext 255
Date Resolved (yyyy/mm/dd) / Date de résolution (aaaa/mm/jj)	Date Resolution Notice Provided (yyyy/mm/dd) / Date de l'avis de résolution (aaaa/mm/jj)
2021/07/09	2021/07/09
Initial AWQI Number* / Numéro initial de RAIQE*	
154599	

All Resample AWQI #'s** / Tous les numéros des nouveaux échantillonnages de RAIQE**

Summary of Action Taken and Results Achieved (include test results showing water quality is no longer adverse) / Résumé des mesures prises et des résultats obtenus (incluant les résultats d'analyse montrant que l'eau n'est plus de mauvaise qualité)

Operations Staff re-took the samples from the distribution system on Friday July 9, 2021 starting at approximately 19:00 and then have them submitted to SGS Canada for analysis. The samples were delivered to SGS Canada on July 10, 2021 at approximately 10:00. I called SAC on July 10, 2021 to inform them samples were collected submitted to SGS (lab) on July 10, 2021 and I also spoke with Eric Pasternak from the Middlesex London Health Unit last night July 9, 2021 at 21:50. I would be submitting form 2 (A) and 2 (B) shortly.

Prepared by / Préparé par	Signature / Signature	Date (yyyy/mm/dd) / Date (aaaa/mm/jj)
ERIC JOUDREY	E. Joudrey	2021/07/10

* The original adverse test result / Résultats d'analyse initiaux montrant que l'eau est de mauvaise qualité

** When resolving an AWQI state all resample AWQI #'s associated with the initial AWQI. For example, if there is an adverse test result of Total Coliform one of the corrective actions is to resample. If the resample came back adverse then you resample again. You need to continue to resample until the test results for two consecutive sets of samples taken 24 to 48 hours apart are clear or as directed by the Medical Officer of Health. At this point, the incident is resolved. Submit the AWQI form and include all related AWQI #'s (Initial AWQI # and any Resample AWQI #) on the same Section 2(B) form. This eliminates the requirement to submit a Section 2(B) form for every adverse test result associated with one incident. If the first resample test result is clear then this section does not apply. / Lors de la résolution de RAIQE, précisez tous les numéros des échantillonnages liés au RAIQE initial. Par exemple, si l'on obtient des résultats d'analyse indiquant une quantité inacceptable de coliformes totaux, l'une des mesures correctives consiste à procéder à un nouvel échantillonnage. Si l'échantillonnage indique également une eau de mauvaise qualité, l'on procède à un échantillonnage additionnel. Il convient de continuer à prélever des échantillons jusqu'à ce que les résultats de l'analyse de deux ensembles d'échantillons prélevés à un intervalle de 24 à 48 heures soient satisfaisants, ou encore selon les directives du médecin-hygiéniste. L'incident est alors résolu. Soumettre le formulaire de RAIQE et inclure tous les numéros de RAIQE pertinent (le numéro initial et les numéros de tout autre échantillon) à la Section 2(B) du même formulaire. Cela élimine la nécessité de soumettre un nouveau formulaire de la Section 2(B) pour chaque résultat d'analyse insatisfaisant associé à un incident unique. Si les résultats de l'analyse des nouveaux échantillons sont satisfaisants, cette section ne s'applique pas.

Instructions

These Notice forms apply to drinking water system owners and operators (Owners/Operators) and Ministry of the Environment, Conservation and Parks (MECP) licensed laboratories (Licensed Laboratories) regulated by Drinking Water Systems Regulation, Ontario Regulation 170/03 (O. Reg. 170/03).

Immediate Report of Adverse Results

Section 16-3(3) of Schedule 16 of O. Reg. 170/03 sets out the requirements for Owners/Operators and Licensed Laboratories to make an immediate report of adverse test results under O. Reg. 170/03 by speaking in person or by telephone to the MECP's Spills Action Centre (SAC), at 1-800-268-6060 or 416-325-3000, the local Medical Officer of Health/Health Unit (Health Unit) and the Owner/Operator (Immediate Report).

[Adverse test results for trihalomethanes (THMs) or haloacetic acids (HAAs) do not require an Immediate Report; see section below.]

Written Notice within 24 hours of the Immediate Report

Within 24 hours of an Immediate Report, Section 16-7(3) of Schedule 16 requires that Owners/Operators and Licensed Laboratories also provide written notice to the MECP and the Health Unit, by fax or e-mail. Licensed Laboratories must complete and submit Sections 1 and 3 of this Notice. Owners/Operators must complete and submit Section 2A of this Notice. **Note:** Section 3 is not required to be completed for operational parameter incidents which have no correlating adverse results.

Notice Within 7 Days of Issue Resolution

Within 7 days after the issue has been resolved, Section 16-9(1) of Schedule 16 requires that Owners/Operators must provide a written notice, Section 2B of this Notice, to SAC and the Health Unit, summarizing the actions taken and the results achieved. This written notice must also be sent to the interested authority for any designated facility (if applicable) within 30 days.

Owners and Operators must follow any additional corrective actions required by the Health Unit.

Total Trihalomethanes (THMs) and Haloacetic Acids (HAAs)

As of January 2016 for THMs and January 2020 for HAAs, Sections 16-6 and 16-7 of Schedule 16 require that Owners/Operators and Licensed Laboratories calculate the running annual average (RAA) for THMs and HAAs and report any adverse test result in writing to the MECP and the Health Unit within 7 calendar days of the end of the calendar quarter that produced the adverse test result. The written notice is to be submitted using Section 2C of this Notice. RAA calculation is outlined in Schedule 13-6 of O. Reg. 170/03.

Immediate oral notification is no longer required for these parameters.

Licensed Laboratories that upload all the THM and HAA test results into the ministry's data system and provide the results to Owners/Operators within 48 hours of the test result being authorized at the laboratory, may be exempt from the RAA reporting requirements noted above.

Note: Small municipal residential systems and non-municipal year-round residential systems that serve designated facilities also must notify the operator of each designated facility served by their system.

The 'Trihalomethane and Haloacetic Acid Sampling and Reporting Requirements Technical Bulletin' provides full details on the changes to the reporting requirements and provides examples for calculating quarterly and running annual averages. The Technical Bulletin is available on the ministry's web page via the following link:

<https://www.ontario.ca/page/total-trihalomethane-thm-reporting-requirements-technical-bulletin>

Fields marked with an asterisk (*) are mandatory.

SAC fax: 1-800-268-6061 or 416-325-3011

SAC e-mail: AWQI.Reporting@ontario.ca

Provincial standards for water quality are set out in:

Safe Drinking Water Act, 2002

Ontario Regulation 169/03 (Water Quality Standards)

Ontario Regulation 170/03 (Drinking Water Systems)

Failure to notify these parties in accordance with the Regulation constitutes an offence under the *Safe Drinking Water Act*. A copy of this form may be acquired through the MECP public website (www.ontario.ca/drinkingwater) or by contacting any MECP office.

Collection of information on this form is done in accordance with the Safe Drinking Water Act, 2002 and its Regulations. Information gathered herein, including personal information, is governed by the *Freedom of Information and Protection of Privacy Act* (FIPPA) and may be disclosed to other government agencies (including municipal health unit employees) pursuant to 'Section 42' of the FIPPA for the consistent purpose of administering any Act or program that pertains to drinking water safety. For questions and concerns, please contact the MECP at 1-866-793-2588.

Are you a *

☐ Licensed Laboratory ☒ DWS

Which Section(s) of the Form do you need today?

☐ Section 1 - Written Notice By Licensed Laboratory

☒ Section 2A - Written Notice By Drinking Water System

☐ Section 2B - Notice Of Issues Resolution

☐ Section 2C - Written Notice By Drinking Water System Owner - Reporting RAA for THMs and HAAs

☐ Section 3 - Adverse Analytical Results

Notices of Adverse Test Results and Issue Resolution (Schedule 16)

Drinking Water Systems Regulation (O. Reg. 170/03)

Fields marked with an asterisk (*) are mandatory.

Section 2A – Written Notice By Drinking Water System (DWS) Owner (For THM and HAA reporting see Section 2C)

Indicators of Adverse Water Quality

AWQI Number *
154942

Is this a resample? *
☐ Yes ☒ No ☐ Unknown If Yes, then provide initial AWQI number

Indicator of Adverse Results

- ☒ Microbiological * ☐ Chemical * ☐ Radiological * ☒ Operational * ☐ Licence/Order/Certificate Authority *
- ☐ Observations of Improperly disinfected water directed to water users
- ☐ Low Distribution Chlorine _____ mg/L
- ☐ High Turbidity _____ NTU
- ☒ Other Water system pressure dropped below 20 psi from Friday July 30 until Saturday July 31.

Details of Adverse Result *

A single watermain line that feeds water to the Town of Ballymote from the City of London at the corner of Highbury Ave North and Sunningdale Road was unable to provide water due to a break. This resulted in water pressure dropping below 20 psi and no chlorine residuals within the Town of Ballymote.

DWS Information

DWS Name * Middlesex Centre Distribution System		DWS Number * 260004202
Last Name * Joudrey	First Name * Eric	
Position * Manager of Water & Wastewater Operations		
Email Address joudrey@middlesexcentre.on.ca	Telephone Number (including area code) 519-666-0170 ext. 255	

Additional Comments

As a result of a water main break on the Ballymote Drinking water system, the water was issued a Boil Water Advisory by the Middlesex London Health Unit on Saturday July 31 and was hand delivered to residents and posted on the Municipal website.

Oral Notification to Health Unit - Person Contacted

Public Health Unit Name * Middlesex London Health Unit			
Last Name * Powell		First Name * Andrew	
Position * Manager - Safe Water, Rabies and Vector Borne Disease			
Telephone Number (including area code) * 519-663-5317 ext. 2360	Fax Number (including area code)	Date (yyyy/mm/dd) * 2021/07/31	Time (hh:mm) * 1:30 PM

Fields marked with an asterisk (*) are mandatory.

Section 2A continued

DWS Person Providing Oral Notification *	Email Address
Eric Joudrey	joudrey@middlesexcentre.on.ca

Corrective Actions to be Taken by Owner/Operator

Corrective Actions	Required *	Completed	Comments
Resample and Test (including upstream, downstream and at AWQI location)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Disinfection Restored / Increased	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Mains / Pipes Flushed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Signs Posted (Do Not Drink Water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	No public sites.
Users Advised to Boil Water / Seek Alternate Source	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	issued July 31, 2021

Other (Include any other Health Unit directions and any additional attachments)

Other:	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
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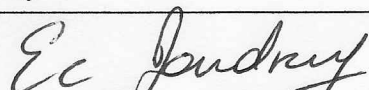
Oral Notification to Spills Action Centre (SAC) - Person Contacted

Last Name *	First Name *
Akiko	

Position *
SAC

DWS Person Providing Oral Notifying *	Date (yyyy/mm/dd) *	Time (hh:mm)*
Eric Joudrey	2021/08/03	10:52 AM

Initial DWS Notification Prepared by *
Eric Joudrey

Signature	Date (yyyy/mm/dd) *
	2021/08/03

Additional Comments

Do you have another adverse to report? * ☐ Yes ☒ No

Instructions

These Notice forms apply to drinking water system owners and operators (Owners/Operators) and Ministry of the Environment, Conservation and Parks (MECP) licensed laboratories (Licensed Laboratories) regulated by Drinking Water Systems Regulation, Ontario Regulation 170/03 (O. Reg. 170/03).

Immediate Report of Adverse Results

Section 16-3(3) of Schedule 16 of O. Reg. 170/03 sets out the requirements for Owners/Operators and Licensed Laboratories to make an immediate report of adverse test results under O. Reg. 170/03 by speaking in person or by telephone to the MECP's Spills Action Centre (SAC), at 1-800-268-6060 or 416-325-3000, the local Medical Officer of Health/Health Unit (Health Unit) and the Owner/Operator (Immediate Report).

[Adverse test results for trihalomethanes (THMs) or haloacetic acids (HAAs) do not require an Immediate Report; see section below.]

Written Notice within 24 hours of the Immediate Report

Within 24 hours of an Immediate Report, Section 16-7(3) of Schedule 16 requires that Owners/Operators and Licensed Laboratories also provide written notice to the MECP and the Health Unit, by fax or e-mail. Licensed Laboratories must complete and submit Sections 1 and 3 of this Notice. Owners/Operators must complete and submit Section 2A of this Notice. **Note:** Section 3 is not required to be completed for operational parameter incidents which have no correlating adverse results.

Notice Within 7 Days of Issue Resolution

Within 7 days after the issue has been resolved, Section 16-9(1) of Schedule 16 requires that Owners/Operators must provide a written notice, Section 2B of this Notice, to SAC and the Health Unit, summarizing the actions taken and the results achieved. This written notice must also be sent to the interested authority for any designated facility (if applicable) within 30 days.

Owners and Operators must follow any additional corrective actions required by the Health Unit.

Total Trihalomethanes (THMs) and Haloacetic Acids (HAAs)

As of January 2016 for THMs and January 2020 for HAAs, Sections 16-6 and 16-7 of Schedule 16 require that Owners/Operators and Licensed Laboratories calculate the running annual average (RAA) for THMs and HAAs and report any adverse test result in writing to the MECP and the Health Unit within 7 calendar days of the end of the calendar quarter that produced the adverse test result. The written notice is to be submitted using Section 2C of this Notice. RAA calculation is outlined in Schedule 13-6 of O. Reg. 170/03.

Immediate oral notification is no longer required for these parameters.

Licensed Laboratories that upload all the THM and HAA test results into the ministry's data system and provide the results to Owners/Operators within 48 hours of the test result being authorized at the laboratory, may be exempt from the RAA reporting requirements noted above.

Note: Small municipal residential systems and non-municipal year-round residential systems that serve designated facilities also must notify the operator of each designated facility served by their system.

The 'Trihalomethane and Haloacetic Acid Sampling and Reporting Requirements Technical Bulletin' provides full details on the changes to the reporting requirements and provides examples for calculating quarterly and running annual averages. The Technical Bulletin is available on the ministry's web page via the following link:

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Fields marked with an asterisk (*) are mandatory.

SAC fax: 1-800-268-6061 or 416-325-3011

SAC e-mail: AWQI.Reporting@ontario.ca

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[Ontario Regulation 169/03 \(Water Quality Standards\)](#)

[Ontario Regulation 170/03 \(Drinking Water Systems\)](#)

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Are you a *

☐ Licensed Laboratory ☒ DWS

Which Section(s) of the Form do you need today?

☐ Section 1 - Written Notice By Licensed Laboratory

☐ Section 2A - Written Notice By Drinking Water System

☒ Section 2B - Notice Of Issues Resolution

☐ Section 2C - Written Notice By Drinking Water System Owner - Reporting RAA for THMs and HAAs

☐ Section 3 - Adverse Analytical Results

Notices of Adverse Test Results and Issue Resolution (Schedule 16)

Drinking Water Systems Regulation (O. Reg. 170/03)

Fields marked with an asterisk (*) are mandatory.

Section 2B – Notice of Issue Resolution – Section 16-9 (O. Reg. 170/03)

DWS Information

DWS Name *	DWS Number *
Middlesex Centre Distribution System	260004202

DWS Contact Name

Last Name *	First Name *
Joudrey	Eric

Telephone Number (including area code) *	Fax Number (including area code)	Email Address
516-666-0190 ext. 255		joudrey@middlesexcentre.on.ca

Initial AWQI Number ¹ *	Date Resolved (yyyy/mm/dd) *	Date Resolution Notice Provided (yyyy/mm/dd) *
154942	2021/08/04	2021/08/09

Are there previous resample AWQI numbers? *

☒ Yes ☐ No

If known, please provide All Other Resample AWQI numbers²

Summary of action taken and results achieved (include test results showing water quality is no longer adverse) *

The single watermain that feeds the Town of Ballymote is being fed water from the City of London via a temporary by-pass line while a repair is completed on the primary distribution line at the corner of Sunningdale Road & Highbury Ave. When water service was restored by the City of London all hydrants within the Ballymote system were opened starting with the first hydrant along Highbury Ave Hydrant Ba-05 then Ba-02 & Ba-04, air was allowed to evacuate and then hydrants Ba-01 & Ba-03 were opened along Medway road to also allow air to be evacuated and water to flush. All hydrants were left open to evacuate all remaining air and actively flush water from the system from 17:47 to 18:48. Free chlorine residual tests were taken at the time of sampling and also monitoring on the distribution line chlorine analyzer.

Was an advisory issued by the Health Unit? *	Advisory Type	Date Issued (yyyy/mm/dd)
<input checked="" type="checkbox"/> Yes	Boil Water	2021/07/31
<input type="checkbox"/> No <input type="checkbox"/> Self Imposed Advisory		

If rescinded, please select date the advisory was rescinded

Date Rescinded (yyyy/mm/dd)
2021/08/04

Other (Include Health Unit directions and any additional attachments)

There were no directions provided by Health Unit. BWA Notice, Rescind Notice and 2 set of analytical results are attached.

Attached File Name	Created	Modified	Size (MB)	Remove Selected File
				<input type="checkbox"/>
Number of attachments			0	

Notification/Report Provided By

Last Name *

Joudrey

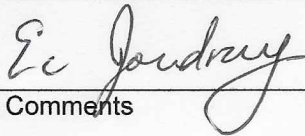
First Name *

Eric

Position *

Manager of Water & Wastewater Operations

Signature



Date (yyyy/mm/dd) *

2021/08/09

Additional Comments

Do you have another adverse to report? ☐ Yes ☒ No¹ The original adverse test result.

² When resolving an AWQI state all resample AWQI numbers associated with the initial AWQI. For example, an adverse test result of total coliform requires the corrective action of resampling. If any of the resamples come back adverse, then you must continue resampling until the test results for two consecutive sets of samples taken 24 to 48 hours apart are clear or as directed by the Health Unit. Submit the AWQI form and include all related AWQI numbers (Initial AWQI number and any Resample AWQI number) on the same Section 2B. This eliminates the requirement to submit a Section 2B form for every adverse test result associated with one incident. If the first resample test result is clear then this section does not apply. For THMs and HAAs drinking water system owners/operators are not required to take resamples as part of the prescribed corrective actions; unless directed by the Health Unit.

July 31, 2021

BOIL WATER ADVISORY

As a result of a water main break on the Ballymote Drinking water system, the water may be unsafe to drink. Until results of recent water samples are received and have shown to be acceptable, the Medical Officer of Health has issued a Boil Water Advisory for homes serviced by the Ballymote water system. While this advisory is in effect, you are asked to **bring your water to a rolling boil for at least one minute or use bottled water for:**

- Drinking
- Cooking
- Brushing your teeth, gargling or rinsing dentures
- Washing fruits, vegetables and other foods
- Making ice, juices, hot beverages, puddings or other mixes
- Making baby food or formula (note: for babies only use separate bottled water or an alternate safe water source)

Be sure to:

- If there are children in the home, ensure that they do not drink from the tap
- Place the pot with the boiling water on the back burner so children cannot reach it
- Boil only as much water as you can comfortably lift without spilling
- Allow water to cool sufficiently before using

The owners of the Ballymote water system are working with staff from the Ministry of the Environment and Climate Change to resolve the current issue. You will be advised once the problem has been resolved. It is expected to take a few days to ensure the water is safe.

Please see the attached fact sheet for more detailed information about how to use your water during this Boil Water Advisory. If you have any questions, please call the Middlesex-London Health Unit's Environmental Health Team at (519) 663-5317, extension 2300; or outside regular office hours, call (519) 663-5317 and press 2.

Sincerely,



Christopher Mackie, MD, MHSc, CCFP, FRCPC
Medical Officer of Health

A file on this incident has been created. The personal information in this file is collected under the Authority of the *Health Protection and Promotion Act, R.S.O. 1990, Ch. H.7*. The information will be used for the purpose of monitoring human exposures to potentially rabid animals. The file will be retained for a minimum of ten years from the date of the last intervention.

How to Use Water Safely During This "Boil Water Advisory"

How do I use water when the boil water advisory has been issued?

The water **should not be used for drinking, making infant formula and juices, cooking, making ice, washing fruits, vegetables or brushing teeth.** For these purposes, boiled water or bottled water should be used. The water should be brought to a rapid rolling boil and boiled for 1 minute. If there are children in the home, place the pot on the back burner to avoid scalds. Boil only as much water in a pot as you can comfortably lift without spilling. Let cool before use. Make ice using boiled, cooled water. **Do not use ice or water made automatically by your refrigerator.**

Can I take a bath?

Adults and teens may shower with untreated water as long as no water is swallowed. Older children could also be given a shower with a handheld showerhead, avoiding the face. Younger children should be sponge-bathed instead of bathing in a tub because they are likely to swallow tub water.

Can I use the water for handwashing?

Yes.

I have a dishwasher. Is it safe to use?

If your dishwasher has a hot setting, it safely disinfects dishes. If your dishwasher does not have a hot setting, after finishing the cycle, soak dishes for 1 minute in a solution of 1 oz. (30 ml) bleach in to 3 gallons of lukewarm water (13.5 litres). Let dishes air dry.

I wash dishes by hand. How do I disinfect them?

You could use boiled water for washing dishes. Dishes washed in soap and hot water can also be rinsed in boiled water or disinfected with the following bleach solution. Mix 1 oz. (about 30 ml) bleach in to 3 gallons (13.5 litres) of water at room temperature for at least 1 minute. Let dishes air dry.

Should I change the way I am doing laundry?

No, continue doing laundry the way you usually do.

I have a water filtration device installed. Does this make the water safe for drinking or cooking?

No. Filtered water should also be brought to a rolling boil for 1 minute before drinking or using it for cooking.

When will the boil water advisory be lifted?

The boil water advisory will be lifted when the Medical Officer of Health is sure that the water is safe. This will follow laboratory testing showing that the water has no evidence of contamination. This may take several days. The media will be informed as soon as the boil water advisory is lifted.

What should I do after the boil water advisory is lifted?

Run cold water faucets for 1 minute before using the water. Run drinking fountains for 1 minute before using the water. Run water softeners through a regeneration cycle. Drain and refill hot water heaters set below 45°C (normal setting is 60°C).

For more information contact the Middlesex-London Health Unit at 663-5317, ext. 2300.

www.healthunit.com



Works #: 260004202

SGS Canada Inc.
657 Consortium Court
London - Ontario - N6E 2S8
Phone: 519-672-4500 FAX: 519-672-0361

03-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 01 August 2021
LR Report: CA20000-AUG21

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax: 519-666-0271

Copy: #2

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCI Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	01-Aug-21	01-Aug-21	01-Aug-21	01-Aug-21
2: Analysis Start Time		---	---	12:50	12:50	12:50	12:40
3: Analysis Completed Date		---	---	03-Aug-21	03-Aug-21	03-Aug-21	03-Aug-21
4: Analysis Completed Time		---	---	15:59	15:59	15:59	15:59
5: MAC		---	---	0	0	---	---
6: 1A0D9 DW Ballymote Sample Station	31-Jul-21 18:24	4.4	0.78	0	0	0	< 10
7: DW Hydrant BA-03	31-Jul-21 19:00	4.4	0.80	0	0	0	< 10
8: DW Hydrant BA-04	31-Jul-21 19:23	4.4	0.86	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001

Angela Stott, B.Sc.
Branch Manager-London
Environment, Health & Safety



Works #: 260004202

SGS Canada Inc.
657 Consortium Court
London - Ontario - N6E 2S8
Phone: 519-672-4500 FAX: 519-672-0361

04-August-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
Phone: 519-666-0190, Fax: 519-666-0271

Date Rec. : 02 August 2021
LR Report: CA20003-AUG21

Copy: #2

CERTIFICATE OF ANALYSIS

Final Report

Sample ID	Sample Date & Time	Temperature Upon Receipt °C	Field ResCl Free mg/L	Total Coliform cfu/100mL	E.Coli cfu/100mL	Total Coliform Background cfu/100mL	Heterotrophic Plate Count (HPC) cfu/1mL
1: Analysis Start Date		---	---	02-Aug-21	02-Aug-21	02-Aug-21	02-Aug-21
2: Analysis Start Time		---	---	11:00	11:00	11:00	10:50
3: Analysis Completed Date		---	---	04-Aug-21	04-Aug-21	04-Aug-21	04-Aug-21
4: Analysis Completed Time		---	---	12:37	12:37	12:37	12:37
5: MAC		---	---	0	0	---	---
6: 1AOD9 DW Ballymote Sample Station	01-Aug-21 19:05	3.3	0.70	0	0	0	< 10
7: DW Ba-04	01-Aug-21 19:20	3.3	0.72	0	0	0	20
8: DW Ba-03	01-Aug-21 19:12	3.3	0.69	0	0	0	< 10

MAC - Maximum Acceptable Concentration

Method Descriptions

Parameter	Description	SGS Method Code
E.Coli	E.Coli by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Heterotrophic Plate Count (HPC)	Heterotrophic Plate Count (HPC) by SP (using SPCA)	ME-CA-[ENV]MIC-LAK-AN-002
Total Coliform	Total Coliform by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001
Total Coliform Background	Background by MF (using DCM)	ME-CA-[ENV]MIC-LAK-AN-001

Angela Stott, B.Sc.
Branch Manager-London
Environment, Health & Safety

IMPORTANT NOTICE

August 4, 2021

Boil Water Advisory Lifted For the Ballymote Drinking Water System

The Boil Water Advisory (BWA) for the Ballymote Drinking Water System that was put in place on July 31, 2021, has now been lifted.

The water system has been disinfected and flushed, and 2 sets of drinking water sample results have been received indicating appropriate chlorine residual with zero presence of total coliform and E. Coli bacteria. The water is now **SAFE TO DRINK**. It is recommended that all residents using this water system conduct the following prior to drinking the water.

- Run cold water from your faucets for one minute before using the water
- Run your water softener through a regeneration cycle
- Drain and refill hot-water heaters
- Flush all garden hoses by running cold water through them for one minute
- Backwash pool filters and change media or water (if applicable)

Thank you for your cooperation and understanding during this temporary situation.

For further information please contact the Middlesex-London Health Unit at 519-663-5317 extension 2300 or if inquiring after 4:30 PM, call the After Hours Answering Service at 519-675-7523.

Sincerely,



Christopher Mackie, MD, MHSc, CCFP, FRCPC
Medical Officer of Health

**APPENDIX C –
APPROVED APPLICATION FOR PANDEMIC RELATED
TEMPORARY REGULATORY RELIEF**

Application for Pandemic Related Temporary Regulatory Relief (Alternate Arrangement) for Municipal Residential Drinking Water Systems

For Office Use Only		
Reference Number 379	Date Received January 5, 2021	Initials HW

Owner Information	Operating Authority Information
Owner Name (Legal name of owner) Municipality of Middlesex Centre	Operating Authority Name Municipality of Middlesex Centre
Contact Name Eric Joudrey	Contact Name Eric Joudrey
Position/Title Manager of Water & Wastewater Operations	Position/Title Manager of Water & Wastewater Operations
E-mail Address joudrey@middlesexcentre.on.ca	E-mail Address joudrey@middlesexcentre.on.ca
Telephone Number (including area code and extension) 519-666-0190 x 255	Telephone Number (including area code and extension) 519-666-0190 x 255

System Identification

for systems subject to the requirements of the Safe Drinking Water Act, 2002 (SDWA) and Ontario Regulation 170/03 (O. Reg. 170/03)

This form can be used to seek relief for **ONE** municipal residential drinking water system. Note: a separate form should be completed for each drinking water system. Where a system is divided into separate operational subsystems (e.g., treatment and distribution), please identify them all below. Where the entire system is operated by a single operating authority, identify that system below.

System / Subsystem Name	Operating Authority Name	Licence Number	DWS #s
Middlesex Centre Distribution	Municipality Middlesex Centre	052-101	260004204

Types of Relief (Alternate Arrangements)

Select the type(s) of relief that you would like the Ministry to consider issuing for the identified system(s) during the pandemic and provide details on proposed alternative requirements in the box below:

- | | |
|--|---|
| <input type="checkbox"/> Section 10.1(3) and/or Section 11 of O. Reg. 170/03 | <input type="checkbox"/> Chemical sampling further to Schedule 13 of O. Reg. 170/03 |
| <input type="checkbox"/> Schedule 10 or Schedule 11 of O. Reg. 170/03 | <input type="checkbox"/> Operational sampling further to Schedule 7 of O. Reg. 170/03 |
| <input checked="" type="checkbox"/> Schedule 15.1 of O. Reg. 170/03 | <input type="checkbox"/> Schedule 22 of O. Reg. 170/03 |
| <input type="checkbox"/> Requirements for operational testing by Certified Operator or Water Quality Analyst further to O. Reg. 170/03 | |
| <input type="checkbox"/> Any other regulatory requirements sought (please specify section(s) of regulation or condition(s) in the licence) | |

Describe relief sought (attach a separate document if more space is required)

However, with the unprecedented situation we are facing as a province and municipality in responding to the COVID-19 outbreak, we would urge the Ministry to cancel The Municipality of Middlesex Centre requirement to sample for lead for the winter sample period between December 15, 2020 to April 15, 2021 and also June 15, 2021 to October 15, 2021. With the need for social distancing and quarantine, our residents are reluctant to invite unnecessary visitors to their homes, and our staff are similarly concerned about visiting residents' homes where the virus may be present.

Statement of Owner

☐ Check here if the owner has authorized the Operating Authority, as identified on this application form, to act on behalf of the owner for purposes of processing this application.

I, the undersigned, am authorized to represent the owner of the drinking water system(s) for purposes of this application for the issuance of temporary relief from regulatory requirements during a pandemic outbreak event and to the best of my knowledge the information contained herein and the information submitted in support of this application is complete and accurate.

Name (please print) Eric Joudrey	Title Manger of Water & Wastewate	Signature 	Date January 5, 2021
-------------------------------------	--------------------------------------	--	-------------------------

Ministry of the Environment, Conservation and Parks Director

The Director under Part V of the Safe Drinking Water Act, 2002 (SDWA) hereby grants the relief as outlined in the following Notice of Amendment.

Signature



Digitally signed by Aziz Ahmed
DN: cn=Aziz Ahmed, o=EPB,
ou=MWWPS,
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Date: 2021.02.22 16:52:58 -0500

Aziz Ahmed, P.Eng.
Director, Part V, SDWA

Dated at Toronto this
22nd day of FEB, 2021

Application for Pandemic Related Temporary Regulatory Relief (Alternate Arrangement) for Municipal Residential Drinking Water Systems

Ministry of the Environment, Conservation and Parks Director

Notice of Amendment

NOTICE OF AMENDMENT

Safe Drinking Water Act, 2002, S.O. 2002, C.32

Pursuant to my authority as Director under Part V, sections 45 & 46 of the Safe Drinking Water Act, 2002, ("SDWA"), I hereby amend Municipal Drinking Water Licence #, 052-101 (the "Licence"), dated October 26, 2017, to grant temporary relief from the regulatory requirements described in the above-noted Application for Pandemic Related Temporary Regulatory Relief (Alternate Arrangement) for Municipal Drinking Water Systems for the Municipal Drinking Water System identified in this Licence (the "System") as set out in the conditions below:

1. The amendments to the Licence take effect on the date of this Notice and shall be in effect until October 15, 2021, unless revoked, revised or extended prior to that time.
2. Subject to condition 1 and despite the provisions of O. Reg. 170/03 (Drinking Water Systems) and the Licence, the following relief is granted:

O. Reg. 170/03, Schedule 15.1, 15.1-4

For the sampling period of December 15, 2020 to April 15, 2021 the number of required sampling points in plumbing that serve private residences is zero (0), in plumbing in non-residential is two (2) and distribution samples is four (4).

For the sampling period of June 15, 2021 to October 15, 2021 the number of required sampling points in plumbing that serve private residences is zero (0), in plumbing in non-residential is two (2) and distribution samples is four (4).

3. All parts of the Licence not amended pursuant to this Notice remain in effect.
4. This Notice and the Application for Pandemic Related Temporary Regulatory Relief (Alternate Arrangement) for Municipal Drinking Water Systems, including all other information and supporting documents submitted in connection with the Application except as other specified herein, forms part of the Licence and shall be appended to the Licence for the period set out in condition 1.

Subsection 127(2) of the SDWA indicates that a decision of a Director made at the request or with the consent of an applicant for, or holder of, a permit, licence, certificate or approval is not a reviewable decision if the decision concerns the permit, licence, certificate or approval.

As my decision to amend the Licence to impose a condition accepting the above-noted regulatory relief is made at the request of the System's owner, it is not a reviewable decision under Part X of the SDWA.

Application for Pandemic Related Temporary Regulatory Relief (Alternate Arrangement) for Municipal Residential Drinking Water Systems

General Information and Instructions for Completing the Form

General:

- This form is intended to be used to apply for temporary regulatory relief during a pandemic emergency for: annual and summary reporting, operating, monitoring, and/or sampling at a municipal residential drinking water system regulated under the SDWA.
- This form **must be signed by the Part V, SDWA Director to be considered an approval by the Ministry** for the items being requested. Submission of this form does not imply approval by the Ministry of the items being requested.
- Should additional information be required in support of your application, Ministry staff will contact the individual(s) identified on this form for additional details and will specify a timeline for submission of the additional details. The Ministry may, where it deems appropriate, require a standard application for regulatory relief to be submitted.
- For assistance in completing the form, for questions related to its use, or if you require a copy in French or in an accessible format, please contact the Ministry's Municipal Water and Wastewater Permissions section by E-mail at MDWLP@ontario.ca or by phone, where necessary, at 647-982-8740.

Instructions:

1. A signed copy of the form and any attachments must be submitted by E-mail to MDWLP@ontario.ca
2. Information contained in this application is not considered confidential and will be made available to the public upon request. Information submitted as supporting information may be claimed as confidential but will be subject to the Freedom of Information and Protection of Privacy Act (FOIPPA) or other legally required disclosure. If you do not claim confidentiality at the time of submitting the information, the Ministry may make the information available to the public without further notice to you.
3. If the system's mailing address has changed from the address provided in the system registration to the Ministry please provide an attachment in your submission that contains the correct address information.