



2020 Annual Performance & Summary Report Middlesex Centre Distribution System

Date: January 8, 2021

*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, 2020 to December 31, 2020 |

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 | |
|---|-------------|
| Delaware Drinking Water System | |
| Replacement of sodium hypochlorite chemical metering pump at the Rechlorination Station | \$4,028.10 |
| Denfield Distribution System | |
| Repair of vertical fill pipe, floor cleaning, replacement of 2 depleted magnesium anodes on tank floor and installation of new sealer fillets on all interior sheet edges | \$10,190.00 |
| Ballymote Distribution System | |
| Replacement of unlimited power supply (UPS) unit | \$372.99 |
| Komoka Distribution System | |
| Replacement of sodium hypochlorite chemical metering pump at the Rechlorination Station | \$4,028.10 |

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 2020 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 | 239 | 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 2020 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 | 104 | 0 – 110 |

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 | 0.021 | 0.039 | 100 | No |
| 2nd Quarter | 0.029 | 0.038 | 100 | No |
| 3rd Quarter | 0.029 | 0.032 | 100 | No |
| 4th Quarter | 0.036 | 0.029 | 100 | No |
| Haloacetic Acid (HAA) | | | | |
| 1st Quarter | 0.006 | 0.018 | 80 | No |
| 2nd Quarter | 0.018 | 0.018 | 80 | No |
| 3rd Quarter | 0.016 | 0.015 | 80 | No |
| 4th Quarter | 0.020 | 0.015 | 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, 2019 to April 15, 2020 and the summer sample period of June 15, 2020 to October 15, 2020. 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 (ug/l) | 1.01 | 10 | No |
| Distribution Alkalinity (mg/l) | 82 | *30 - 500 | No |
| Distribution pH | 7.74 | - | No |
| Summer Sample (June 15 – Oct. 15) | | | |
| Lead (ug/l) | 3.47 | 10 | No |
| Distribution Alkalinity | 79 | *30 – 500 | No |

| Parameter | Max Result Values | MAC | Exceedance |
|-----------------|-------------------|-----|------------|
| Distribution pH | 7.84 | - | 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 2020. 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 | 0.20 – 3.00 |

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 2020 flows are provided below.

Table 8 – Arva Water 2020 Flows

| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. |
|--------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Treated Flow | m ³ | 2,297 | 2,460 | 2,340 | 2,532 | 3,429 | 5,824 | 8,227 | 5,698 | 4,515 | 3,110 | 2,301 | 2,498 | 3,769 |
| Raw Avg. | m ³ /d | 74 | 88 | 75 | 84 | 111 | 194 | 265 | 184 | 151 | 100 | 77 | 81 | 124 |
| Raw Max | m ³ /d | 92 | 96 | 95 | 112 | 194 | 279 | 384 | 246 | 204 | 121 | 119 | 101 | 170 |

Table 9 – Ballymote Water 2020 Flows

| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. |
|--------------|-------------------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|
| Treated Flow | m ³ | 522 | 524 | 509 | 568 | 723 | 776 | 1052 | 1155 | 620 | 564 | 439 | 555 | 667 |
| Raw Average | m ³ /d | 17 | 19 | 16 | 18 | 23 | 26 | 34 | 41 | 21 | 18 | 15 | 18 | 22 |
| Raw Max | m ³ /d | 26 | 23 | 22 | 71 | 72 | 44 | 50 | 48 | 33 | 24 | 20 | 25 | 38 |

Table 10 – Delaware Water 2020 Flows

| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. |
|--------------|-------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Treated Flow | m ³ | 9,038 | 8,698 | 9,466 | 9,220 | 11,982 | 14,861 | 14,965 | 13,465 | 12,375 | 12,432 | 11,063 | 14,459 | 11,835 |
| Raw Average | m ³ /d | 292 | 311 | 305 | 307 | 387 | 495 | 483 | 434 | 413 | 401 | 369 | 466 | 389 |
| Raw Max | m ³ /d | 499 | 487 | 412 | 546 | 628 | 802 | 841 | 605 | 580 | 538 | 525 | 915 | 615 |

Table 11 – Denfield Water 2020 Flows

| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. |
|--------------|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|
| Treated Flow | m ³ | 942 | 897 | 936 | 1,059 | 1,375 | 1,491 | 1,573 | 1,106 | 1,002 | 1,054 | 947 | 1,053 | 1,120 |
| Raw Average | m ³ /d | 30 | 32 | 30 | 35 | 44 | 50 | 51 | 36 | 33 | 34 | 32 | 34 | 37 |
| Raw Max | m ³ /d | 47 | 37 | 37 | 48 | 77 | 72 | 92 | 55 | 50 | 48 | 43 | 50 | 55 |

Table 12 – Ilderton Water 2020 Flows

| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. |
|--------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Treated Flow | m ³ | 17,896 | 16,738 | 19,203 | 17,218 | 22,124 | 26,211 | 31,381 | 24,532 | 21,186 | 18,945 | 18,601 | 19,469 | 21,125 |
| Raw Avg | m ³ /d | 577 | 598 | 619 | 574 | 714 | 874 | 1,012 | 791 | 706 | 611 | 620 | 628 | 694 |
| Raw Max | m ³ /d | 763 | 722 | 994 | 734 | 964 | 1,469 | 1,862 | 981 | 1,005 | 949 | 1,093 | 1,063 | 1,050 |

Table 13 – Komoka Water 2020 Flows

| | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Avg. |
|--------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Treated Flow | m ³ | 24,050 | 22,405 | 25,760 | 26,362 | 31,614 | 43,172 | 51,099 | 39,784 | 32,041 | 29,108 | 28,116 | 29,951 | 31,955 |
| Raw Average | m ³ /d | 776 | 800 | 831 | 879 | 1,020 | 1,439 | 1,648 | 1,283 | 1,068 | 939 | 937 | 966 | 1,049 |
| Raw Max | m ³ /d | 871 | 925 | 1,176 | 982 | 1,443 | 1,893 | 2,512 | 1,599 | 1,187 | 1,047 | 1,081 | 1,110 | 1,319 |

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 30, 2020. The MECP inspector identified two (2) non-compliances with the regulatory requirements.

Where an activity has occurred that could introduce contamination, all parts of the drinking water system were not disinfected in accordance with Schedule B, Condition 2.3 of the Drinking Water Works Permit. Drinking Water Works Permit #052-201 - Section 2.3 stipulates minimum requirements related to disinfection of parts associated with the drinking water system. Generally stated, all parts of the drinking water system that come in contact with the drinking water shall be disinfected in accordance with a procedure approved by the Director or in or in accordance with the applicable provisions of the following documents:

- a) The ministry's Watermain Disinfection Procedure, effective December 30, 2016;
- b) AWWA C652 – Standard for Disinfection of Water-Storage Facilities;
- c) AWWA C653 – Standard for Disinfection of Water
- d) AWWA C654 – Standard for Disinfection of Wells.

As part of this inspection the Owner / Operating Authority provided four sets of the documents as related to the installation of new watermain within the system. Generally stated, the work completed was compliant with the requirements prescribed by Section 2.3 of Drinking Water Works Permit #052-201. It should be noted however, that during one of the pipe installation projects, the concentration of free chlorine within the pipe deteriorated greater than 50 mg/L during a continuous feed application, which also resulted in a drop of greater than 40% of the original concentration of free chlorine which is not acceptable as per the requirements of Section 2.3 of the Permit and the

corresponding Watermain Disinfection Procedure. Once notified of this issue, the Operating Authority provided immediate training to operational staff as a means of mitigating this issue from occurring in the future.

Action(s) Required:

From herein, the Owner / Operating Authority shall ensure that all procedures prescribed by Section 2.3 of Drinking Water Works Permit #052-201 are met with as related to the disinfection of watermain. Compliance with this requirement will be assessed during the next inspection of the water system.

All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were not being met.

Municipal Drinking Water License #052-101, Issue #4, Schedule D prescribes relief from regulatory lead sampling as prescribed by Ontario Regulation 170/03 – Schedule 15.1. The relief within the aforementioned license allows for the following sampling:

1. 20 Private Residential Lead samples
2. 2 Non-Private Residential Lead samples
3. 4 Distribution Lead samples

The aforementioned sampling is to occur during the following sampling periods:

1. Dec 15, 2017 to Apr 15, 2018
2. June 15, 2018 to Oct 15, 2018

Over the course of the inspection period, there were three sampling periods including:

1. June 15, 2019 to Oct 15, 2019
2. Dec 15, 2019 to Apr 15, 2020
3. June 15, 2020 to Oct 15, 2020

During the period from June 15, 2019 to October 15, 2019, the Owner / Operating Authority continued to collect lead samples according to the prescribed requirements of Schedule D of the MDWL. During the period from December 15, 2019 to April 15, 2020, the Owner / Operating Authority applied and received Temporary Pandemic Relief under Approval # 76-M-052-101 dated April 24, 2020 which reduced the required lead sampling program to the following:

- a. 4 Private Residential Lead samples
- b. 2 Non-Private Residential Lead samples
- c. 4 Distribution Lead samples

The Owner / Operating Authority met with the requirements prescribed by the Temporary Pandemic Relief under Approval # 76-M-052-101 as related to the number and location of samples required for testing. However, it should be noted that one of the Private Residential samples was analyzed for parameters included Lead, pH and Alkalinity as opposed to the required two samples analyzed for lead and pH as prescribed by Ontario Regulation 170/03 – Schedule 15.1-7(1) and (3). The third sampling period from June 15, 2020 to October 15, 2020 has not yet ended and as

such, compliance cannot be determined at this point in time. It should be noted that the Owner / Operating Authority has re-applied for Pandemic Relief.

Action(s) Required:

From herein, the Owner / Operating Authority shall ensure that the appropriate testing is completed on plumbing samples as prescribed by the requirements of Ontario Regulation 170/03 – Schedule 15.1-7(1) and (3). Compliance with this requirement will be assessed during the next inspection of the water system.

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

There was one (1) Adverse Water Quality Indicators (AWQI) during the 2020 reporting period.

July 29, 2020 – AWQI # 150984 was issued due a total coliform count detected from a water sample collected at the Denfield Sampling Station on July 27, 2020. Middlesex Centre was notified on the issue and immediately flushed the system. Bacteriological samples were collected at the source, upstream and downstream and submitted for analysis. All samples were negative for bacteria and the MECP Notice of Adverse Test Results and Other Problems and Notice of Issue Resolution at Drinking Water System Forms 2(A) & 2(B) are attached.

APPENDIX A – ANALYTICAL DATA

SGS Canada Inc.

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

10-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 January 2020
LR Report: CA20102-JAN20

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

Copy: #1

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 | | --- | --- | 07-Jan-20 | 07-Jan-20 | 07-Jan-20 | 07-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 12:25 | 12:25 | 12:25 | 11:40 |
| 3: Analysis Completed Date | | --- | --- | 09-Jan-20 | 09-Jan-20 | 09-Jan-20 | 09-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 12:41 | 12:41 | 12:41 | 12:41 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 06-Jan-20 10:36 | 3.9 | 0.81 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 06-Jan-20 09:58 | 3.9 | 0.73 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 06-Jan-20 13:12 | 3.9 | 1.12 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 06-Jan-20 12:00 | 3.9 | 1.46 | 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 |



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

10-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 January 2020
LR Report: CA20104-JAN20

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

Copy: #1

CERTIFICATE OF ANALYSIS

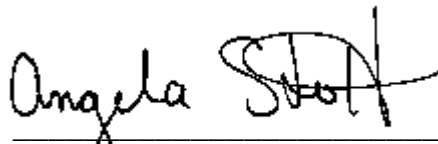
Final Report

| 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 | | --- | --- | 07-Jan-20 | 07-Jan-20 | 07-Jan-20 | 07-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 12:25 | 12:25 | 12:25 | 11:40 |
| 3: Analysis Completed Date | | --- | --- | 09-Jan-20 | 09-Jan-20 | 09-Jan-20 | 09-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 12:41 | 12:41 | 12:41 | 12:41 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 06-Jan-20 14:13 | 3.9 | 1.17 | 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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SGS Canada Inc.

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

17-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 January 2020
LR Report: CA20481-JAN20

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

Copy: #1

CERTIFICATE OF ANALYSIS

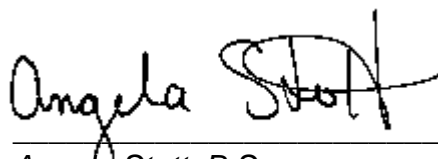
Final Report

| 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-Jan-20 | 14-Jan-20 | 14-Jan-20 | 14-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 14:35 | 14:35 | 14:35 | 14:00 |
| 3: Analysis Completed Date | | --- | --- | 16-Jan-20 | 16-Jan-20 | 16-Jan-20 | 16-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 16:56 | 16:56 | 16:56 | 16:56 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 13-Jan-20 10:30 | 4.6 | 1.15 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 13-Jan-20 13:22 | 4.6 | 0.96 | 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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SGS Canada Inc.

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

17-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 January 2020
LR Report: CA20482-JAN20

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

Copy: #1

CERTIFICATE OF ANALYSIS

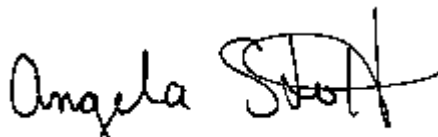
Final Report

| 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-Jan-20 | 14-Jan-20 | 14-Jan-20 | 14-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 14:35 | 14:35 | 14:35 | 14:00 |
| 3: Analysis Completed Date | | --- | --- | 16-Jan-20 | 16-Jan-20 | 16-Jan-20 | 16-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 16:56 | 16:56 | 16:56 | 16:56 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 13-Jan-20 13:09 | 6.3 | 0.79 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 13-Jan-20 12:43 | 6.3 | 0.74 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 13-Jan-20 10:37 | 6.3 | 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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24-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 January 2020
LR Report: CA20766-JAN20

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

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Phone: 519-666-0190
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CERTIFICATE OF ANALYSIS

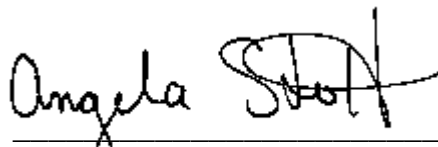
Final Report

| 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-Jan-20 | 21-Jan-20 | 21-Jan-20 | 21-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 14:05 | 14:05 | 14:05 | 13:45 |
| 3: Analysis Completed Date | | --- | --- | 23-Jan-20 | 23-Jan-20 | 23-Jan-20 | 23-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 11:53 | 11:53 | 11:53 | 11:53 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 20-Jan-20 11:23 | 3.5 | 0.76 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Gas Station | 20-Jan-20 10:26 | 3.5 | 0.86 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 20-Jan-20 11:55 | 3.5 | 1.52 | 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-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 January 2020
LR Report: CA20767-JAN20

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

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CERTIFICATE OF ANALYSIS

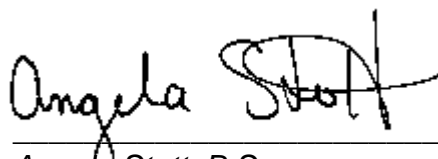
Final Report

| 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 | | --- | --- | 21-Jan-20 | 21-Jan-20 | 21-Jan-20 | 21-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 14:05 | 14:05 | 14:05 | 13:45 |
| 3: Analysis Completed Date | | --- | --- | 23-Jan-20 | 23-Jan-20 | 23-Jan-20 | 23-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 11:54 | 11:54 | 11:54 | 11:54 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 20-Jan-20 11:11 | 3.5 | 1.27 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 20-Jan-20 09:25 | 3.5 | 0.96 | 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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31-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 28 January 2020
LR Report: CA20967-JAN20

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 | 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-Jan-20 | 28-Jan-20 | 28-Jan-20 | 28-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 10:25 | 10:25 | 10:25 | 10:15 |
| 3: Analysis Completed Date | | --- | --- | 30-Jan-20 | 30-Jan-20 | 30-Jan-20 | 30-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 10:31 | 10:31 | 10:31 | 10:31 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 27-Jan-20 12:40 | 6.6 | 0.73 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 27-Jan-20 10:01 | 6.6 | 1.04 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 27-Jan-20 09:09 | 6.6 | 1.31 | 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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31-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 28 January 2020
LR Report: CA20968-JAN20

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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 | 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 | | --- | --- | 28-Jan-20 | 28-Jan-20 | 28-Jan-20 | 28-Jan-20 |
| 2: Analysis Start Time | | --- | --- | 10:25 | 10:25 | 10:25 | 10:15 |
| 3: Analysis Completed Date | | --- | --- | 30-Jan-20 | 30-Jan-20 | 30-Jan-20 | 30-Jan-20 |
| 4: Analysis Completed Time | | --- | --- | 10:31 | 10:31 | 10:31 | 10:31 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 27-Jan-20 11:16 | 6.6 | 1.29 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 27-Jan-20 09:03 | 6.6 | 0.92 | 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 |


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



Works #: 260004202

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 Lakefield - Ontario - KOL 2H0
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10-January-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 January 2020
 LR Report: CA30035-JAN20

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

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 Fax: 519-666-0271

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 | | | | | | | 06-Jan-20 14:13 |
| Temperature Upon Receipt [°C] | --- | --- | --- | --- | --- | --- | 10.0 |
| Field Free Chlorine [mg/L] | --- | --- | --- | --- | --- | --- | 1.17 |
| Trihalomethanes (total) [ug/L] | 09-Jan-20 | 16:56 | 10-Jan-20 | 12:40 | 100 (RAA) | 0.37 | 21 |
| Bromodichloromethane [ug/L] | 09-Jan-20 | 16:56 | 10-Jan-20 | 12:40 | -- | 0.26 | 6.5 |
| Bromoform [ug/L] | 09-Jan-20 | 16:56 | 10-Jan-20 | 12:40 | -- | 0.34 | 0.34 <MDL |
| Chloroform [ug/L] | 09-Jan-20 | 16:56 | 10-Jan-20 | 12:40 | -- | 0.29 | 12 |
| Dibromochloromethane [ug/L] | 09-Jan-20 | 16:56 | 10-Jan-20 | 12:40 | -- | 0.37 | 2.8 |
| Total Haloacetic Acids (HAA5) [ug/L] | 09-Jan-20 | 07:08 | 10-Jan-20 | 12:36 | 80 (RAA) | 5.3 | 5.9 |
| Chloroacetic Acid [ug/L] | 09-Jan-20 | 07:08 | 10-Jan-20 | 12:36 | --- | 4.7 | 4.7 <MDL |
| Bromoacetic Acid [ug/L] | 09-Jan-20 | 07:08 | 10-Jan-20 | 12:36 | --- | 2.9 | 2.9 <MDL |
| Dichloroacetic Acid [ug/L] | 09-Jan-20 | 07:08 | 10-Jan-20 | 12:36 | --- | 2.6 | 5.9 |
| Dibromoacetic Acid [ug/L] | 09-Jan-20 | 07:08 | 10-Jan-20 | 12:36 | --- | 2.0 | 2.0 <MDL |
| Trichloroacetic Acid [ug/L] | 09-Jan-20 | 07:08 | 10-Jan-20 | 12:36 | --- | 5.3 | 5.3 <MDL |

MAC - Maximum Acceptable Concentration
 MDL - SGS Method Detection Limit

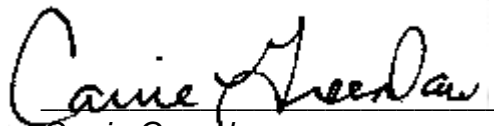
Method Descriptions

| 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 : CA30035-JAN20



Carrie Greenlaw
Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

SGS Canada Inc.

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

07-February-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 04 February 2020
LR Report: CA20051-FEB20

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 | | --- | --- | 04-Feb-20 | 04-Feb-20 | 04-Feb-20 | 04-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 13:15 | 13:15 | 13:15 | 12:30 |
| 3: Analysis Completed Date | | --- | --- | 06-Feb-20 | 06-Feb-20 | 06-Feb-20 | 06-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 13:08 | 13:08 | 13:08 | 13:08 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 03-Feb-20 11:30 | 6.3 | 0.70 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 03-Feb-20 11:59 | 6.3 | 0.63 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 03-Feb-20 10:07 | 6.3 | 1.09 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 03-Feb-20 09:22 | 6.3 | 1.28 | 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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07-February-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 04 February 2020
LR Report: CA20052-FEB20

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

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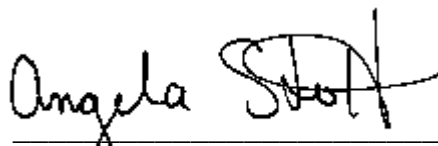
Final Report

| 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 | | --- | --- | 04-Feb-20 | 04-Feb-20 | 04-Feb-20 | 04-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 13:15 | 13:15 | 13:15 | 12:30 |
| 3: Analysis Completed Date | | --- | --- | 06-Feb-20 | 06-Feb-20 | 06-Feb-20 | 06-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 13:08 | 13:08 | 13:08 | 13:08 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 03-Feb-20 11:39 | 6.3 | 1.12 | 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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14-February-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 11 February 2020
LR Report: CA20383-FEB20

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

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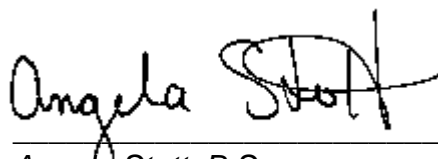
Final Report

| 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-Feb-20 | 11-Feb-20 | 11-Feb-20 | 11-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 13:20 | 13:20 | 13:20 | 12:55 |
| 3: Analysis Completed Date | | --- | --- | 13-Feb-20 | 13-Feb-20 | 13-Feb-20 | 13-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 13:44 | 13:44 | 13:44 | 13:44 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 10-Feb-20 13:09 | 4.1 | 1.23 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 10-Feb-20 11:00 | 4.1 | 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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14-February-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 11 February 2020
LR Report: CA20384-FEB20

10227 Ilderton Rd., Ilderton
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CERTIFICATE OF ANALYSIS

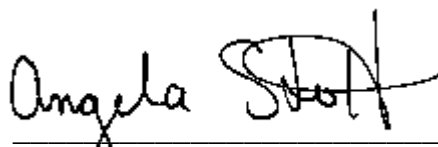
Final Report

| 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 | | --- | --- | 11-Feb-20 | 11-Feb-20 | 11-Feb-20 | 11-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 13:20 | 13:20 | 13:20 | 12:55 |
| 3: Analysis Completed Date | | --- | --- | 13-Feb-20 | 13-Feb-20 | 13-Feb-20 | 13-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 13:44 | 13:44 | 13:44 | 13:44 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 10-Feb-20 13:06 | 4.1 | 0.76 | 0 | 0 | 0 | 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 10-Feb-20 13:40 | 4.1 | 0.74 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 10-Feb-20 11:46 | 4.1 | 1.19 | 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-February-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 18 February 2020
LR Report: CA20619-FEB20

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

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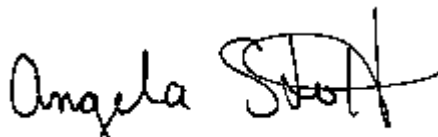
Final Report

| 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 | | --- | --- | 18-Feb-20 | 18-Feb-20 | 18-Feb-20 | 18-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 16:10 | 16:10 | 16:10 | 15:55 |
| 3: Analysis Completed Date | | --- | --- | 20-Feb-20 | 20-Feb-20 | 20-Feb-20 | 20-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 15:46 | 15:46 | 15:46 | 15:46 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 17-Feb-20 12:00 | 5.7 | 0.65 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 17-Feb-20 11:48 | 5.7 | 0.61 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 17-Feb-20 09:45 | 5.7 | 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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21-February-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 18 February 2020
LR Report: CA20620-FEB20

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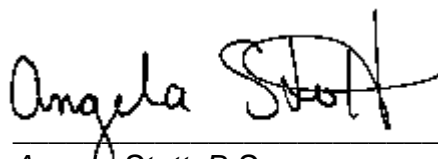
Final Report

| 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 | | --- | --- | 18-Feb-20 | 18-Feb-20 | 18-Feb-20 | 18-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 16:10 | 16:10 | 16:10 | 15:55 |
| 3: Analysis Completed Date | | --- | --- | 20-Feb-20 | 20-Feb-20 | 20-Feb-20 | 20-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 15:46 | 15:46 | 15:46 | 15:46 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 17-Feb-20 11:34 | 5.7 | 1.32 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 17-Feb-20 10:50 | 5.7 | 0.83 | 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-February-2020

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

Date Rec. : 25 February 2020
LR Report: CA20881-FEB20

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

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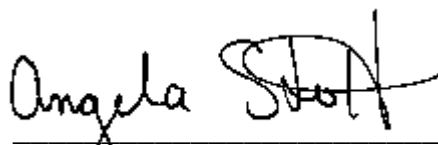
Final Report

| Sample ID | Sample Date & Time | Temperature Upon Receipt °C | Field 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 | | --- | --- | 25-Feb-20 | 25-Feb-20 | 25-Feb-20 | 25-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 11:50 | 11:50 | 11:50 | 10:50 |
| 3: Analysis Completed Date | | --- | --- | 27-Feb-20 | 27-Feb-20 | 27-Feb-20 | 27-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 13:27 | 13:27 | 13:27 | 13:27 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 24-Feb-20 14:43 | 3.4 | 1.27 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 24-Feb-20 10:20 | 3.4 | 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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27-February-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 25 February 2020
LR Report: CA20883-FEB20

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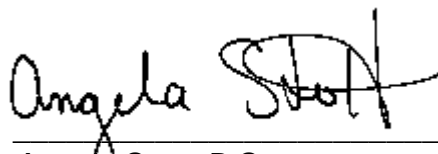
Final Report

| 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-Feb-20 | 25-Feb-20 | 25-Feb-20 | 25-Feb-20 |
| 2: Analysis Start Time | | --- | --- | 11:50 | 11:50 | 11:50 | 10:50 |
| 3: Analysis Completed Date | | --- | --- | 27-Feb-20 | 27-Feb-20 | 27-Feb-20 | 27-Feb-20 |
| 4: Analysis Completed Time | | --- | --- | 13:27 | 13:27 | 13:27 | 13:27 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 24-Feb-20 11:50 | 3.4 | 0.73 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 24-Feb-20 11:13 | 3.4 | 0.67 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 24-Feb-20 09:27 | 3.4 | 1.32 | 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-March-2020

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

Date Rec. : 03 March 2020
LR Report: CA20038-MAR20

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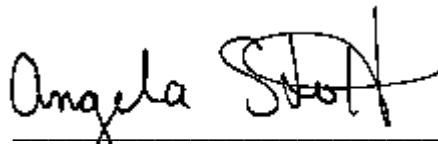
Final Report

| 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 | | --- | --- | 03-Mar-20 | 03-Mar-20 | 03-Mar-20 | 03-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 10:25 | 10:25 | 10:25 | 10:05 |
| 3: Analysis Completed Date | | --- | --- | 05-Mar-20 | 05-Mar-20 | 05-Mar-20 | 05-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 11:18 | 11:18 | 11:18 | 11:18 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 02-Mar-20 10:37 | 7.1 | 1.34 | 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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06-March-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 03 March 2020
LR Report: CA20041-MAR20

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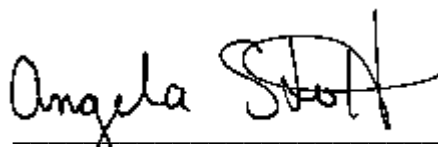
Final Report

| 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 | | --- | --- | 03-Mar-20 | 03-Mar-20 | 03-Mar-20 | 03-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 10:25 | 10:25 | 10:25 | 10:05 |
| 3: Analysis Completed Date | | --- | --- | 05-Mar-20 | 05-Mar-20 | 05-Mar-20 | 05-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 11:18 | 11:18 | 11:18 | 11:18 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 02-Mar-20 12:14 | 7.1 | 0.66 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 02-Mar-20 12:01 | 7.1 | 0.68 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 02-Mar-20 10:38 | 7.1 | 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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13-March-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 10 March 2020
LR Report: CA20416-MAR20

10227 Ilderton Rd., Ilderton
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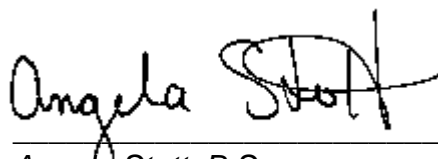
Final Report

| 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 | | --- | --- | 10-Mar-20 | 10-Mar-20 | 10-Mar-20 | 10-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 16:30 | 16:30 | 16:30 | 16:00 |
| 3: Analysis Completed Date | | --- | --- | 13-Mar-20 | 13-Mar-20 | 13-Mar-20 | 13-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 10:35 | 10:35 | 10:35 | 10:35 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 09-Mar-20 11:21 | 5.0 | 0.69 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1 | 09-Mar-20 09:17 | 5.0 | 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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13-March-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 10 March 2020
LR Report: CA20417-MAR20

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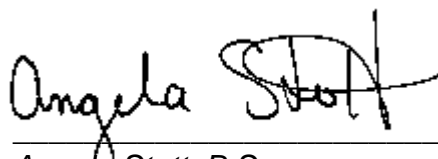
Final Report

| 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 | | --- | --- | 10-Mar-20 | 10-Mar-20 | 10-Mar-20 | 10-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 16:30 | 16:30 | 16:30 | 16:00 |
| 3: Analysis Completed Date | | --- | --- | 13-Mar-20 | 13-Mar-20 | 13-Mar-20 | 13-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 10:36 | 10:36 | 10:36 | 10:36 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 09-Mar-20 09:00 | 5.0 | 1.38 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 09-Mar-20 12:37 | 5.0 | 0.90 | 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-March-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 17 March 2020
LR Report: CA20664-MAR20

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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 | | --- | --- | 17-Mar-20 | 17-Mar-20 | 17-Mar-20 | 17-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 13:50 | 13:50 | 13:50 | 13:30 |
| 3: Analysis Completed Date | | --- | --- | 19-Mar-20 | 19-Mar-20 | 19-Mar-20 | 19-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 13:23 | 13:23 | 13:23 | 13:23 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 16-Mar-20 09:26 | 4.9 | 1.39 | 0 | 0 | 3 | < 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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19-March-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 17 March 2020
LR Report: CA20665-MAR20

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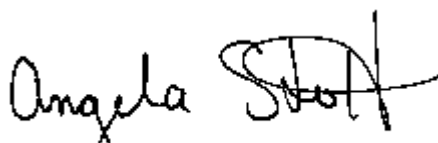
Final Report

| 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 | | --- | --- | 17-Mar-20 | 17-Mar-20 | 17-Mar-20 | 17-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 13:50 | 13:50 | 13:50 | 13:30 |
| 3: Analysis Completed Date | | --- | --- | 19-Mar-20 | 19-Mar-20 | 19-Mar-20 | 19-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 13:24 | 13:24 | 13:24 | 13:24 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 16-Mar-20 13:22 | 4.9 | 0.82 | 0 | 0 | 1 | 110 |
| 7: 1A0D9 DW Ballymote Sample Station | 16-Mar-20 12:42 | 4.9 | 0.62 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 16-Mar-20 10:42 | 4.9 | 1.29 | 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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SGS Canada Inc.

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27-March-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 24 March 2020
LR Report: CA21000-MAR20

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

Copy: #1

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

CERTIFICATE OF ANALYSIS

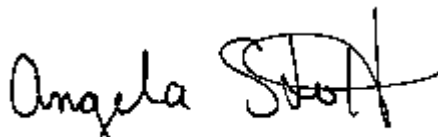
Final Report

| 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 | | --- | --- | 24-Mar-20 | 24-Mar-20 | 24-Mar-20 | 24-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 17:15 | 17:15 | 17:15 | 16:30 |
| 3: Analysis Completed Date | | --- | --- | 27-Mar-20 | 27-Mar-20 | 27-Mar-20 | 27-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 08:05 | 08:05 | 08:05 | 08:05 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 23-Mar-20 11:34 | 2.9 | 1.21 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 23-Mar-20 10:45 | 2.9 | 0.85 | 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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27-March-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 24 March 2020
LR Report: CA21002-MAR20

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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 | | --- | --- | 24-Mar-20 | 24-Mar-20 | 24-Mar-20 | 24-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 17:15 | 17:15 | 17:15 | 16:30 |
| 3: Analysis Completed Date | | --- | --- | 27-Mar-20 | 27-Mar-20 | 27-Mar-20 | 27-Mar-20 |
| 4: Analysis Completed Time | | --- | --- | 08:05 | 08:05 | 08:05 | 08:05 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 23-Mar-20 12:51 | 2.9 | 0.73 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1 | 23-Mar-20 09:28 | 2.9 | 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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02-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 31 March 2020
LR Report: CA21129-MAR20

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 | | --- | --- | 31-Mar-20 | 31-Mar-20 | 31-Mar-20 | 31-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 11:25 | 11:25 | 11:25 | 10:50 |
| 3: Analysis Completed Date | | --- | --- | 02-Apr-20 | 02-Apr-20 | 02-Apr-20 | 02-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 10:17 | 10:17 | 10:17 | 10:17 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 30-Mar-20 17:21 | 6.5 | 1.34 | 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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02-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 31 March 2020
LR Report: CA21130-MAR20

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

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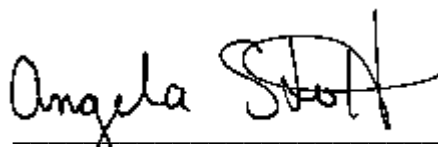
Final Report

| 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 | | --- | --- | 31-Mar-20 | 31-Mar-20 | 31-Mar-20 | 31-Mar-20 |
| 2: Analysis Start Time | | --- | --- | 11:25 | 11:25 | 11:25 | 10:50 |
| 3: Analysis Completed Date | | --- | --- | 02-Apr-20 | 02-Apr-20 | 02-Apr-20 | 02-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 10:17 | 10:17 | 10:17 | 10:17 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 30-Mar-20 12:11 | 6.3 | 0.78 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 30-Mar-20 11:58 | 6.3 | 0.74 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 30-Mar-20 10:06 | 6.3 | 1.14 | 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-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 April 2020

LR Report: CA20198-APR20

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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-Apr-20 | 07-Apr-20 | 07-Apr-20 | 07-Apr-20 |
| 2: Analysis Start Time | | --- | --- | 14:45 | 14:45 | 14:45 | 14:00 |
| 3: Analysis Completed Date | | --- | --- | 09-Apr-20 | 09-Apr-20 | 09-Apr-20 | 09-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 13:57 | 13:57 | 13:57 | 13:57 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 06-Apr-20 10:24 | 5.8 | 1.25 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 06-Apr-20 09:07 | 5.8 | 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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13-April-2020

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

Date Rec. : 07 April 2020

LR Report: CA20199-APR20

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Canada, N0M 2A0

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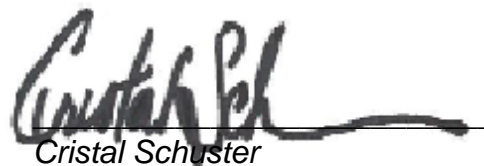
Final Report

| Sample ID | Sample Date & Time | Temperature Upon Receipt °C | Total Coliform cfu/100mL | E.Coli cfu/100mL | Total Coliform Background cfu/100mL | Heterotrophic Plate Count (HPC) cfu/1mL |
|--------------------------------------|--------------------|-----------------------------|--------------------------|------------------|-------------------------------------|---|
| 1: Analysis Start Date | | --- | 07-Apr-20 | 07-Apr-20 | 07-Apr-20 | 07-Apr-20 |
| 2: Analysis Start Time | | --- | 15:10 | 15:10 | 15:10 | 14:35 |
| 3: Analysis Completed Date | | --- | 09-Apr-20 | 09-Apr-20 | 09-Apr-20 | 09-Apr-20 |
| 4: Analysis Completed Time | | --- | 13:58 | 13:58 | 13:58 | 13:58 |
| 5: MAC | | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 06-Apr-20 12:48 | 5.8 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 06-Apr-20 12:00 | 5.8 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 06-Apr-20 08:36 | 5.8 | 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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16-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 April 2020

LR Report: CA20395-APR20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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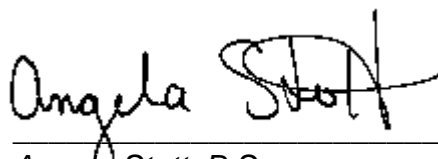
Final Report

| 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 | | --- | --- | 14-Apr-20 | 14-Apr-20 | 14-Apr-20 | 14-Apr-20 |
| 2: Analysis Start Time | | --- | --- | 12:05 | 12:05 | 12:05 | 11:55 |
| 3: Analysis Completed Date | | --- | --- | 16-Apr-20 | 16-Apr-20 | 16-Apr-20 | 16-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 10:17 | 10:17 | 10:17 | 10:17 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 13-Apr-20 14:24 | 4.4 | 1.27 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 13-Apr-20 10:38 | 4.4 | 0.89 | 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-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 April 2020
LR Report: CA20396-APR20

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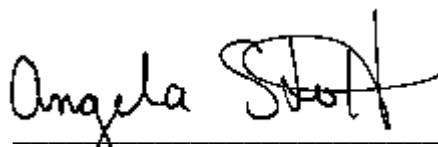
Final Report

| 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-Apr-20 | 14-Apr-20 | 14-Apr-20 | 14-Apr-20 |
| 2: Analysis Start Time | | --- | --- | 12:05 | 12:05 | 12:05 | 11:55 |
| 3: Analysis Completed Date | | --- | --- | 16-Apr-20 | 16-Apr-20 | 16-Apr-20 | 16-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 10:17 | 10:17 | 10:17 | 10:17 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 13-Apr-20 12:21 | 4.4 | 0.53 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 13-Apr-20 11:20 | 4.4 | 0.96 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 13-Apr-20 10:41 | 4.4 | 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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24-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 April 2020

LR Report: CA20720-APR20

10227 Ilderton Rd., Ilderton

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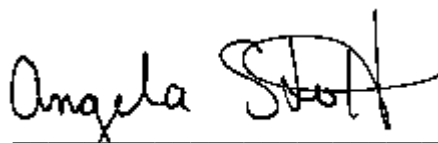
Final Report

| 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 | | --- | --- | 21-Apr-20 | 21-Apr-20 | 21-Apr-20 | 21-Apr-20 |
| 2: Analysis Start Time | | --- | --- | 13:55 | 13:55 | 13:55 | 12:55 |
| 3: Analysis Completed Date | | --- | --- | 23-Apr-20 | 23-Apr-20 | 23-Apr-20 | 23-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 14:15 | 14:15 | 14:15 | 14:15 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 20-Apr-20 10:37 | 3.9 | 0.70 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 20-Apr-20 10:27 | 3.9 | 0.52 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 20-Apr-20 13:30 | 3.9 | 1.14 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 20-Apr-20 08:20 | 3.9 | 1.16 | 0 | 0 | 0 | --- |
| 10: 36050 DW Komoka Water Tower | 20-Apr-20 10:52 | 3.9 | 1.26 | 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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Branch Manager-London
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30-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 28 April 2020

LR Report: CA20991-APR20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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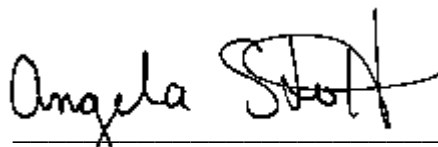
Final Report

| 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 | | --- | --- | 28-Apr-20 | 28-Apr-20 | 28-Apr-20 | 28-Apr-20 |
| 2: Analysis Start Time | | --- | --- | 13:10 | 13:10 | 13:10 | 12:20 |
| 3: Analysis Completed Date | | --- | --- | 30-Apr-20 | 30-Apr-20 | 30-Apr-20 | 30-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 12:27 | 12:27 | 12:27 | 12:27 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 27-Apr-20 10:45 | 4.0 | 1.16 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 27-Apr-20 11:24 | 4.0 | 0.81 | 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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30-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 28 April 2020

LR Report: CA20997-APR20

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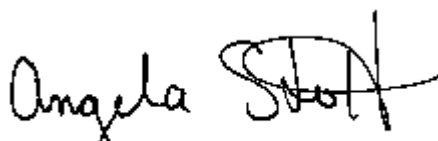
Final Report

| 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-Apr-20 | 28-Apr-20 | 28-Apr-20 | 28-Apr-20 |
| 2: Analysis Start Time | | --- | --- | 13:25 | 13:25 | 13:25 | 12:25 |
| 3: Analysis Completed Date | | --- | --- | 30-Apr-20 | 30-Apr-20 | 30-Apr-20 | 30-Apr-20 |
| 4: Analysis Completed Time | | --- | --- | 12:36 | 12:36 | 12:36 | 12:36 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 27-Apr-20 12:35 | 4.0 | 0.71 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 27-Apr-20 13:36 | 4.0 | 0.70 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 27-Apr-20 09:52 | 4.0 | 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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Branch Manager-London
Environment, Health & Safety



Works #: 260004202

SGS Canada Inc.

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 Lakefield - Ontario - K0L 2H0
 Phone: 705-652-2000 FAX: 705-652-6365

16-April-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 April 2020

LR Report: CA30080-APR20

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

| 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 | | | | | | | 06-Apr-20 10:24 |
| Temperature Upon Receipt [°C] | --- | --- | --- | --- | --- | --- | 15.0 |
| Field Free Chlorine [mg/L] | --- | --- | --- | --- | --- | --- | 1.25 |
| Trihalomethanes (total) [ug/L] | 13-Apr-20 | 21:35 | 16-Apr-20 | 13:14 | 100 (RAA) | 0.37 | 29 |
| Bromodichloromethane [ug/L] | 13-Apr-20 | 21:35 | 16-Apr-20 | 13:14 | -- | 0.26 | 8.2 |
| Bromoform [ug/L] | 13-Apr-20 | 21:35 | 16-Apr-20 | 13:14 | -- | 0.34 | 0.34 <MDL |
| Chloroform [ug/L] | 13-Apr-20 | 21:35 | 16-Apr-20 | 13:14 | -- | 0.29 | 19 |
| Dibromochloromethane [ug/L] | 13-Apr-20 | 21:35 | 16-Apr-20 | 13:14 | -- | 0.37 | 2.5 |
| Total Haloacetic Acids (HAA5) [ug/L] | 13-Apr-20 | 16:54 | 16-Apr-20 | 14:01 | 80 (RAA) | 5.3 | 17.5 |
| Chloroacetic Acid [ug/L] | 13-Apr-20 | 16:54 | 16-Apr-20 | 14:01 | --- | 4.7 | 4.7 <MDL |
| Bromoacetic Acid [ug/L] | 13-Apr-20 | 16:54 | 16-Apr-20 | 14:01 | --- | 2.9 | 2.9 <MDL |
| Dichloroacetic Acid [ug/L] | 13-Apr-20 | 16:54 | 16-Apr-20 | 14:01 | --- | 2.6 | 9.5 |
| Dibromoacetic Acid [ug/L] | 13-Apr-20 | 16:54 | 16-Apr-20 | 14:01 | --- | 2.0 | 2.0 <MDL |
| Trichloroacetic Acid [ug/L] | 13-Apr-20 | 16:54 | 16-Apr-20 | 14:01 | --- | 5.3 | 8.0 |

MAC - Maximum Acceptable Concentration

MDL - SGS Method Detection Limit

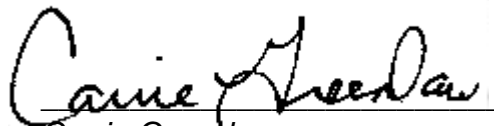
Method Descriptions

| 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 : CA30080-APR20



Carrie Greenlaw
Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

SGS Canada Inc.

657 Consortium Court
London - Ontario - N6E 2S8
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08-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 05 May 2020

LR Report: CA20096-MAY20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

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CERTIFICATE OF ANALYSIS

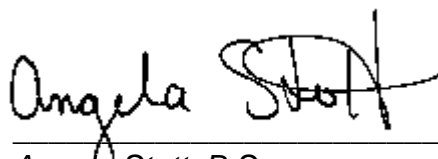
Final Report

| 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-May-20 | 05-May-20 | 05-May-20 | 05-May-20 |
| 2: Analysis Start Time | | --- | --- | 14:30 | 14:30 | 14:30 | 14:15 |
| 3: Analysis Completed Date | | --- | --- | 08-May-20 | 08-May-20 | 08-May-20 | 08-May-20 |
| 4: Analysis Completed Time | | --- | --- | 08:32 | 08:32 | 08:32 | 08:32 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 04-May-20 11:31 | 5.1 | 1.06 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 04-May-20 09:37 | 5.1 | 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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08-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 05 May 2020

LR Report: CA20097-MAY20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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Copy: #1

CERTIFICATE OF ANALYSIS

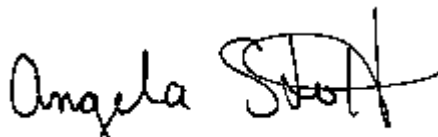
Final Report

| 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-May-20 | 05-May-20 | 05-May-20 | 05-May-20 |
| 2: Analysis Start Time | | --- | --- | 14:30 | 14:30 | 14:30 | 14:15 |
| 3: Analysis Completed Date | | --- | --- | 08-May-20 | 08-May-20 | 08-May-20 | 08-May-20 |
| 4: Analysis Completed Time | | --- | --- | 08:33 | 08:33 | 08:33 | 08:33 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 04-May-20 13:27 | 5.1 | 0.71 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 04-May-20 12:41 | 5.1 | 0.71 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 04-May-20 09:39 | 5.1 | 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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14-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 12 May 2020

LR Report: CA20370-MAY20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

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CERTIFICATE OF ANALYSIS

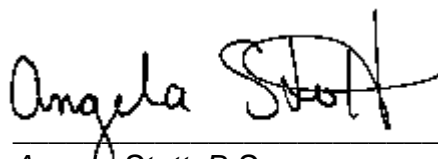
Final Report

| 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 | | --- | --- | 12-May-20 | 12-May-20 | 12-May-20 | 12-May-20 |
| 2: Analysis Start Time | | --- | --- | 13:25 | 13:25 | 13:25 | 12:55 |
| 3: Analysis Completed Date | | --- | --- | 14-May-20 | 14-May-20 | 14-May-20 | 14-May-20 |
| 4: Analysis Completed Time | | --- | --- | 12:10 | 12:10 | 12:10 | 12:10 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 11-May-20 14:00 | 5.0 | 1.15 | 0 | 0 | 0 | 10 |
| 7: 36023 DW Delaware Water Tower | 11-May-20 08:05 | 5.0 | 0.81 | 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-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 12 May 2020

LR Report: CA20371-MAY20

10227 Ilderton Rd., Ilderton

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CERTIFICATE OF ANALYSIS

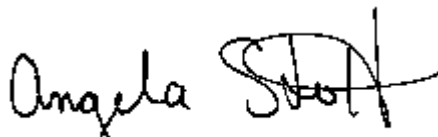
Final Report

| 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 | | --- | --- | 12-May-20 | 12-May-20 | 12-May-20 | 12-May-20 |
| 2: Analysis Start Time | | --- | --- | 13:25 | 13:25 | 13:25 | 12:55 |
| 3: Analysis Completed Date | | --- | --- | 14-May-20 | 14-May-20 | 14-May-20 | 14-May-20 |
| 4: Analysis Completed Time | | --- | --- | 12:11 | 12:11 | 12:11 | 12:11 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 11-May-20 14:40 | 5.0 | 0.60 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 11-May-20 10:50 | 5.0 | 0.99 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 11-May-20 10:30 | 5.0 | 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-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 19 May 2020
LR Report: CA20710-MAY20

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

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CERTIFICATE OF ANALYSIS

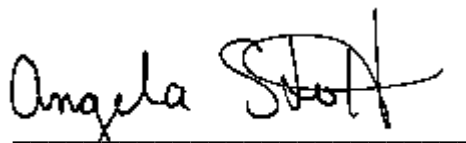
Final Report

| 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 | | --- | --- | 19-May-20 | 19-May-20 | 19-May-20 | 19-May-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:25 |
| 3: Analysis Completed Date | | --- | --- | 21-May-20 | 21-May-20 | 21-May-20 | 21-May-20 |
| 4: Analysis Completed Time | | --- | --- | 16:44 | 16:44 | 16:44 | 16:44 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 18-May-20 13:02 | 7.0 | 0.75 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 18-May-20 12:31 | 7.0 | 0.69 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 18-May-20 11:13 | 7.0 | 0.94 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 18-May-20 10:29 | 7.0 | 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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22-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 19 May 2020

LR Report: CA20711-MAY20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

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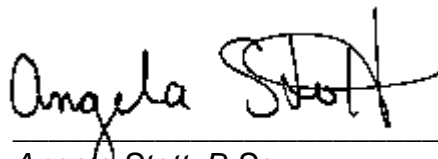
Final Report

| 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-May-20 | 19-May-20 | 19-May-20 | 19-May-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:25 |
| 3: Analysis Completed Date | | --- | --- | 21-May-20 | 21-May-20 | 21-May-20 | 21-May-20 |
| 4: Analysis Completed Time | | --- | --- | 16:44 | 16:44 | 16:44 | 16:44 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 18-May-20 13:51 | 7.0 | 1.20 | 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-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 26 May 2020
LR Report: CA21101-MAY20

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 | Sampled By | Temperature Upon Receipt | 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 | | | --- | --- | 26-May-20 | 26-May-20 | 26-May-20 | 26-May-20 |
| 2: Analysis Start Time | | | --- | --- | 15:15 | 15:15 | 15:15 | 14:50 |
| 3: Analysis Completed Date | | | --- | --- | 28-May-20 | 28-May-20 | 28-May-20 | 28-May-20 |
| 4: Analysis Completed Time | | | --- | --- | 15:42 | 15:42 | 15:42 | 15:42 |
| 5: MAC | | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 25-May-20 10:40 | Cromwell | 8.1 | 0.85 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 25-May-20 11:10 | Cromwell | 8.1 | 0.87 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 25-May-20 09:36 | Cromwell | 8.1 | 0.92 | 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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29-May-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 26 May 2020
LR Report: CA21102-MAY20

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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 | | --- | --- | 26-May-20 | 26-May-20 | 26-May-20 | 26-May-20 |
| 2: Analysis Start Time | | --- | --- | 15:15 | 15:15 | 15:15 | 14:50 |
| 3: Analysis Completed Date | | --- | --- | 28-May-20 | 28-May-20 | 28-May-20 | 28-May-20 |
| 4: Analysis Completed Time | | --- | --- | 15:42 | 15:42 | 15:42 | 15:42 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 25-May-20 12:16 | 8.1 | 1.24 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 25-May-20 09:22 | 8.1 | 0.68 | 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 |


Cristal Schuster
Project Specialist-London,
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05-June-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 02 June 2014
LR Report: CA20133-JUN20

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N0M 2A0, Canada

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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 | | --- | --- | 02-Jun-20 | 02-Jun-20 | 02-Jun-20 | 02-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 17:30 | 17:30 | 17:30 | 16:20 |
| 3: Analysis Completed Date | | --- | --- | 05-Jun-20 | 05-Jun-20 | 05-Jun-20 | 05-Jun-20 |
| 4: Analysis Completed Time | | --- | --- | 07:56 | 07:56 | 07:56 | 07:56 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 01-Jun-20 12:08 | 6.4 | 0.80 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1 | 01-Jun-20 09:08 | 6.4 | 1.24 | 0 | 0 | 0 | --- |

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

12-June-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 June 2020

LR Report: CA20481-JUN20

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

Copy: #1

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

CERTIFICATE OF ANALYSIS

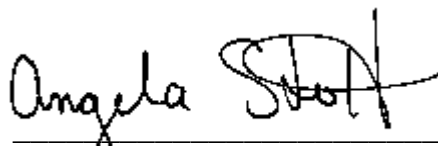
Final Report

| 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 | | --- | --- | 09-Jun-20 | 09-Jun-20 | 09-Jun-20 | 09-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 17:20 | 17:20 | 17:20 | 16:45 |
| 3: Analysis Completed Date | | --- | --- | 12-Jun-20 | 12-Jun-20 | 12-Jun-20 | 12-Jun-20 |
| 4: Analysis Completed Time | | --- | --- | 09:42 | 09:42 | 09:42 | 09:42 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 08-Jun-20 12:17 | 7.6 | 1.34 | 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-June-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 09 June 2020
LR Report: CA20482-JUN20

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N0M 2A0, Canada

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Fax: 519-666-0271

CERTIFICATE OF ANALYSIS

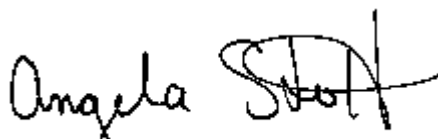
Final Report

| 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 | | --- | --- | 09-Jun-20 | 09-Jun-20 | 09-Jun-20 | 09-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 17:20 | 17:20 | 17:20 | 16:45 |
| 3: Analysis Completed Date | | --- | --- | 12-Jun-20 | 12-Jun-20 | 12-Jun-20 | 12-Jun-20 |
| 4: Analysis Completed Time | | --- | --- | 09:42 | 09:42 | 09:42 | 09:42 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 08-Jun-20 13:05 | 7.6 | 0.99 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 08-Jun-20 12:12 | 7.6 | 0.82 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 08-Jun-20 10:30 | 7.6 | 1.04 | 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-June-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 June 2020
LR Report: CA20821-JUN20

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

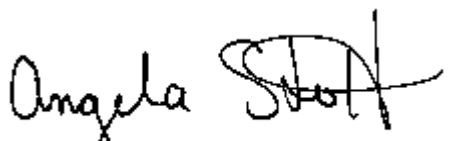
Final Report

| 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 | | --- | --- | 16-Jun-20 | 16-Jun-20 | 16-Jun-20 | 16-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 16:55 | 16:55 | 16:55 | 16:25 |
| 3: Analysis Completed Date | | --- | --- | 19-Jun-20 | 19-Jun-20 | 19-Jun-20 | 19-Jun-20 |
| 4: Analysis Completed Time | | --- | --- | 10:35 | 10:35 | 10:35 | 10:35 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 15-Jun-20 13:16 | 4.5 | 0.84 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1 | 15-Jun-20 10:24 | 4.5 | 1.28 | 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-June-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 16 June 2020
LR Report: CA20823-JUN20

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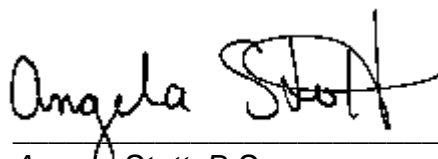
Final Report

| 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-Jun-20 | 16-Jun-20 | 16-Jun-20 | 16-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 16:55 | 16:55 | 16:55 | 16:25 |
| 3: Analysis Completed Date | | --- | --- | 19-Jun-20 | 19-Jun-20 | 19-Jun-20 | 19-Jun-20 |
| 4: Analysis Completed Time | | --- | --- | 10:35 | 10:35 | 10:35 | 10:35 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 15-Jun-20 11:22 | 4.5 | 1.20 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 15-Jun-20 10:15 | 4.5 | 0.58 | 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-June-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 23 June 2020
LR Report: CA21152-JUN20

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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-Jun-20 | 23-Jun-20 | 23-Jun-20 | 23-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 16:40 | 16:40 | 16:40 | 15:50 |
| 3: Analysis Completed Date | | --- | --- | 26-Jun-20 | 26-Jun-20 | 26-Jun-20 | 26-Jun-20 |
| 4: Analysis Completed Time | | --- | --- | 07:58 | 07:58 | 07:58 | 07:58 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 22-Jun-20 10:47 | 10.9 | 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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26-June-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 23 June 2020
LR Report: CA21153-JUN20

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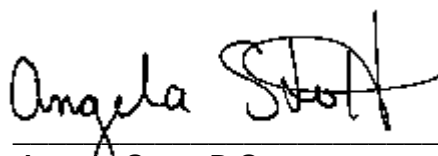
Final Report

| 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-Jun-20 | 23-Jun-20 | 23-Jun-20 | 23-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 16:40 | 16:40 | 16:40 | 15:50 |
| 3: Analysis Completed Date | | --- | --- | 26-Jun-20 | 26-Jun-20 | 26-Jun-20 | 26-Jun-20 |
| 4: Analysis Completed Time | | --- | --- | 07:58 | 07:58 | 07:58 | 07:58 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 22-Jun-20 12:26 | 10.9 | 0.88 | 0 | 0 | 0 | 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 22-Jun-20 13:13 | 10.9 | 0.78 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 22-Jun-20 10:05 | 10.9 | 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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02-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 30 June 2020
LR Report: CA21523-JUN20

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

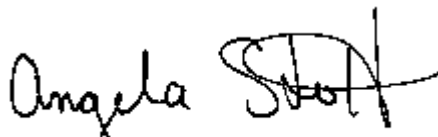
Final Report

| 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 | | --- | --- | 30-Jun-20 | 30-Jun-20 | 30-Jun-20 | 30-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:10 |
| 3: Analysis Completed Date | | --- | --- | 02-Jul-20 | 02-Jul-20 | 02-Jul-20 | 02-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 14:09 | 14:09 | 14:09 | 14:09 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 29-Jun-20 10:55 | 9.8 | 1.35 | 0 | 0 | 0 | 10 |
| 7: 36023 DW Delaware Water Tower | 29-Jun-20 09:44 | 9.8 | 0.34 | 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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02-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 30 June 2020
LR Report: CA21526-JUN20

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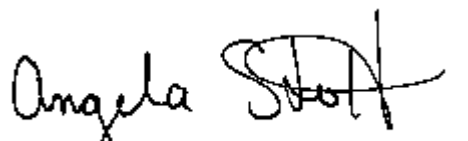
Final Report

| 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-Jun-20 | 30-Jun-20 | 30-Jun-20 | 30-Jun-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:10 |
| 3: Analysis Completed Date | | --- | --- | 02-Jul-20 | 02-Jul-20 | 02-Jul-20 | 02-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 14:09 | 14:09 | 14:09 | 14:09 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 29-Jun-20 11:47 | 9.8 | 0.82 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1 | 29-Jun-20 09:20 | 9.8 | 1.26 | 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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10-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 July 2020
LR Report: CA20231-JUL20

10227 Ilderton Rd., Ilderton
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CERTIFICATE OF ANALYSIS

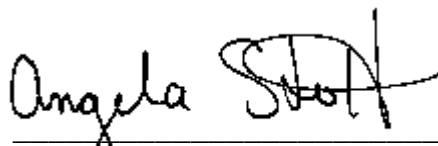
Final Report

| 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 | | --- | --- | 07-Jul-20 | 07-Jul-20 | 07-Jul-20 | 07-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 14:25 | 14:25 | 14:25 | 13:50 |
| 3: Analysis Completed Date | | --- | --- | 10-Jul-20 | 10-Jul-20 | 10-Jul-20 | 10-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 10:53 | 10:53 | 10:53 | 10:53 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 06-Jul-20 11:01 | 10.1 | 1.16 | 0 | 0 | 1 | < 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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10-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 July 2020
LR Report: CA20233-JUL20

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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 | | --- | --- | 07-Jul-20 | 07-Jul-20 | 07-Jul-20 | 07-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 14:25 | 14:25 | 14:25 | 13:50 |
| 3: Analysis Completed Date | | --- | --- | 10-Jul-20 | 10-Jul-20 | 10-Jul-20 | 10-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 10:53 | 10:53 | 10:53 | 10:53 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 06-Jul-20 12:21 | 10.1 | 0.91 | 0 | 0 | 0 | 50 |
| 7: 1A0D9 DW Ballymote Sample Station | 06-Jul-20 11:58 | 10.1 | 0.75 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 06-Jul-20 10:16 | 10.1 | 1.12 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 06-Jul-20 09:05 | 10.1 | 0.96 | 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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Environment, Health & Safety

SGS Canada Inc.

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

17-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 14 July 2020
LR Report: CA20648-JUL20

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

Copy: #1

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-Jul-20 | 14-Jul-20 | 14-Jul-20 | 14-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 17:00 | 17:00 | 17:00 | 16:30 |
| 3: Analysis Completed Date | | --- | --- | 16-Jul-20 | 16-Jul-20 | 16-Jul-20 | 16-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 15:24 | 15:24 | 15:24 | 15:24 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 13-Jul-20 13:00 | 11.3 | 0.77 | 0 | 0 | 1 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 13-Jul-20 12:14 | 11.3 | 0.75 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 13-Jul-20 10:51 | 11.3 | 0.86 | 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-July-2020

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

Date Rec. : 14 July 2020
LR Report: CA20696-JUL20

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 ResCl Free mg/L | Total Coliform cfu/100mL | E.Coli cfu/100mL | Heterotrophic Plate Count (HPC) cfu/1mL |
|----------------------------|--------------------|-----------------------------|-----------------------|--------------------------|------------------|---|
| 1: Analysis Start Date | | --- | --- | 15-Jul-20 | 15-Jul-20 | 15-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 11:05 | 11:05 | 11:00 |
| 3: Analysis Completed Date | | --- | --- | 17-Jul-20 | 17-Jul-20 | 17-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 12:17 | 12:17 | 12:17 |
| 5: MAC | | --- | --- | 0 | 0 | --- |
| 6: DW Komoka Water Tower | 13-Jul-20 11:32 | 11.3 | 1.32 | 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 |


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24-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 July 2020
LR Report: CA20956-JUL20

10227 Ilderton Rd., Ilderton
Canada, N0M 2A0
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Copy: #1

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-Jul-20 | 21-Jul-20 | 21-Jul-20 | 21-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 16:15 | 16:15 | 16:15 | 15:50 |
| 3: Analysis Completed Date | | --- | --- | 24-Jul-20 | 24-Jul-20 | 24-Jul-20 | 24-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 11:18 | 11:18 | 11:18 | 11:18 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 20-Jul-20 08:57 | 5.8 | 1.08 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 20-Jul-20 10:02 | 5.8 | 0.38 | 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-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 21 July 2020
LR Report: CA20957-JUL20

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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-Jul-20 | 21-Jul-20 | 21-Jul-20 | 21-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 16:15 | 16:15 | 16:15 | 15:50 |
| 3: Analysis Completed Date | | --- | --- | 24-Jul-20 | 24-Jul-20 | 24-Jul-20 | 24-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 11:18 | 11:18 | 11:18 | 11:18 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 20-Jul-20 12:35 | 5.8 | 0.73 | 0 | 0 | 0 | 20 |
| 7: 1A0D9 DW Ballymote Sample Station | 20-Jul-20 11:55 | 5.8 | 0.73 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 20-Jul-20 09:34 | 5.8 | 0.71 | 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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Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

Works #: 260004202

30-July-2020

Date Rec. : 28 July 2020

LR Report: CA21316-JUL20

Copy: #1

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-Jul-20 | 28-Jul-20 | 28-Jul-20 | 28-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 13:35 | 13:35 | 13:35 | 13:10 |
| 3: Analysis Completed Date | | --- | --- | 30-Jul-20 | 30-Jul-20 | 30-Jul-20 | 30-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 16:59 | 16:59 | 16:59 | 16:59 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 27-Jul-20 11:32 | 6.3 | 0.76 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 27-Jul-20 12:56 | 6.3 | 0.75 | 7 MAC | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 27-Jul-20 13:24 | 6.3 | 1.21 | 0 | 0 | 0 | --- |

MAC - Maximum Acceptable Concentration

The AWQI # assigned by the MOECP for the adverse result is: 150984

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 : CA21316-JUL20

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30-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 28 July 2020
LR Report: CA21319-JUL20

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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-Jul-20 | 28-Jul-20 | 28-Jul-20 | 28-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 13:35 | 13:35 | 13:35 | 13:10 |
| 3: Analysis Completed Date | | --- | --- | 30-Jul-20 | 30-Jul-20 | 30-Jul-20 | 30-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 17:00 | 17:00 | 17:00 | 17:00 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 27-Jul-20 09:25 | 6.3 | 1.21 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 27-Jul-20 11:17 | 6.3 | 0.37 | 0 | 0 | 5 | --- |

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

14-July-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 07 July 2020
LR Report: CA30086-JUL20

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

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

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 | | | | | | | 06-Jul-20 11:01 |
| Temperature Upon Receipt [°C] | --- | --- | --- | --- | --- | --- | 5.0 |
| Field Free Chlorine [mg/L] | --- | --- | --- | --- | --- | --- | 1.16 |
| Trihalomethanes (total) [ug/L] | 10-Jul-20 | 14:08 | 13-Jul-20 | 16:50 | 100 (RAA) | 0.37 | 29 |
| Bromodichloromethane [ug/L] | 10-Jul-20 | 14:08 | 13-Jul-20 | 16:50 | -- | 0.26 | 7.7 |
| Bromoform [ug/L] | 10-Jul-20 | 14:08 | 13-Jul-20 | 16:50 | -- | 0.34 | 0.34 <MDL |
| Chloroform [ug/L] | 10-Jul-20 | 14:08 | 13-Jul-20 | 16:50 | -- | 0.29 | 19 |
| Dibromochloromethane [ug/L] | 10-Jul-20 | 14:08 | 13-Jul-20 | 16:50 | -- | 0.37 | 3.1 |
| Total Haloacetic Acids (HAA5) [ug/L] | 10-Jul-20 | 08:58 | 13-Jul-20 | 15:47 | 80 (RAA) | 5.3 | 15.9 |
| Chloroacetic Acid [ug/L] | 10-Jul-20 | 08:58 | 13-Jul-20 | 15:47 | --- | 4.7 | 4.7 <MDL |
| Bromoacetic Acid [ug/L] | 10-Jul-20 | 08:58 | 13-Jul-20 | 15:47 | --- | 2.9 | 2.9 <MDL |
| Dichloroacetic Acid [ug/L] | 10-Jul-20 | 08:58 | 13-Jul-20 | 15:47 | --- | 2.6 | 10.2 |
| Dibromoacetic Acid [ug/L] | 10-Jul-20 | 08:58 | 13-Jul-20 | 15:47 | --- | 2.0 | 2.0 <MDL |
| Trichloroacetic Acid [ug/L] | 10-Jul-20 | 08:58 | 13-Jul-20 | 15:47 | --- | 5.3 | 5.7 |

MAC - Maximum Acceptable Concentration

MDL - SGS Method Detection Limit

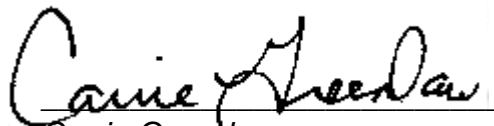
Method Descriptions

| 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 |

SGS Canada Inc.

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

LR Report : CA30086-JUL20



Carrie Greenlaw
Carrie Greenlaw
Project Specialist,
Environment, Health & Safety

SGS Canada Inc.

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

07-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 04 August 2020
LR Report: CA20031-AUG20

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 | | --- | --- | 04-Aug-20 | 04-Aug-20 | 04-Aug-20 | 04-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 14:10 | 14:10 | 14:10 | 13:40 |
| 3: Analysis Completed Date | | --- | --- | 07-Aug-20 | 07-Aug-20 | 07-Aug-20 | 07-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 08:54 | 08:54 | 08:54 | 08:54 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 03-Aug-20 11:21 | 8.4 | 0.65 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 03-Aug-20 10:52 | 8.4 | 0.60 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 03-Aug-20 12:30 | 8.4 | 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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07-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 04 August 2020
LR Report: CA20033-AUG20

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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 | | --- | --- | 04-Aug-20 | 04-Aug-20 | 04-Aug-20 | 04-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 14:10 | 14:10 | 14:10 | 13:40 |
| 3: Analysis Completed Date | | --- | --- | 07-Aug-20 | 07-Aug-20 | 07-Aug-20 | 07-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 08:54 | 08:54 | 08:54 | 08:54 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 03-Aug-20 10:23 | 8.4 | 1.18 | 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,
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London - Ontario - N6E 2S8
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03-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 01 September 2020
LR Report: CA20082-SEP20

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 | | --- | --- | 01-Sep-20 | 01-Sep-20 | 01-Sep-20 | 01-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:10 |
| 3: Analysis Completed Date | | --- | --- | 03-Sep-20 | 03-Sep-20 | 03-Sep-20 | 03-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 13:56 | 13:56 | 13:56 | 13:56 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 31-Aug-20 12:42 | 7.2 | 0.49 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 31-Aug-20 11:30 | 7.2 | 0.59 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 31-Aug-20 10:17 | 7.2 | 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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03-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 01 September 2020
LR Report: CA20083-SEP20

10227 Ilderton Rd., Ilderton
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Copy: #1

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-Sep-20 | 01-Sep-20 | 01-Sep-20 | 01-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:10 |
| 3: Analysis Completed Date | | --- | --- | 03-Sep-20 | 03-Sep-20 | 03-Sep-20 | 03-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 13:56 | 13:56 | 13:56 | 13:56 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 31-Aug-20 10:25 | 7.2 | 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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14-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 11 August 2020
LR Report: CA20453-AUG20

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

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CERTIFICATE OF ANALYSIS

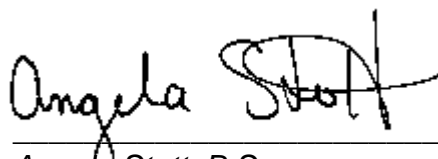
Final Report

| 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 | | --- | --- | 11-Aug-20 | 11-Aug-20 | 11-Aug-20 | 11-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 15:10 | 15:10 | 15:10 | 14:40 |
| 3: Analysis Completed Date | | --- | --- | 13-Aug-20 | 13-Aug-20 | 13-Aug-20 | 13-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 17:22 | 17:22 | 17:22 | 17:22 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 10-Aug-20 10:49 | 5.9 | 1.24 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 10-Aug-20 11:36 | 5.9 | 0.33 | 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-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 11 August 2020
LR Report: CA20455-AUG20

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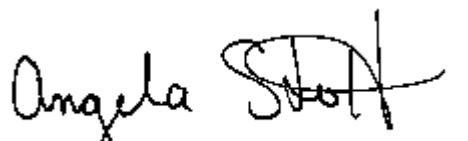
Final Report

| 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-Aug-20 | 11-Aug-20 | 11-Aug-20 | 11-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 15:10 | 15:10 | 15:10 | 14:40 |
| 3: Analysis Completed Date | | --- | --- | 13-Aug-20 | 13-Aug-20 | 13-Aug-20 | 13-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 17:22 | 17:22 | 17:22 | 17:22 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 10-Aug-20 12:53 | 5.9 | 0.65 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1 | 10-Aug-20 09:40 | 5.9 | 1.10 | 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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20-August-2020

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

Date Rec. : 18 August 2020
LR Report: CA20827-AUG20

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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 | | --- | --- | 18-Aug-20 | 18-Aug-20 | 18-Aug-20 | 18-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 11:55 | 11:55 | 11:55 | 11:30 |
| 3: Analysis Completed Date | | --- | --- | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 13:50 | 13:50 | 13:50 | 13:50 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 17-Aug-20 11:57 | 9.8 | 1.30 | 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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20-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 18 August 2020
LR Report: CA20828-AUG20

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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 | | --- | --- | 18-Aug-20 | 18-Aug-20 | 18-Aug-20 | 18-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 11:55 | 11:55 | 11:55 | 11:30 |
| 3: Analysis Completed Date | | --- | --- | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 13:50 | 13:50 | 13:50 | 13:50 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 17-Aug-20 13:30 | 9.8 | 0.53 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 17-Aug-20 13:07 | 9.8 | 0.63 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 17-Aug-20 10:32 | 9.8 | 0.83 | 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-NR

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24-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 20 August 2020
LR Report: CA21038-AUG20

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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 | | --- | --- | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 13:15 | 13:15 | 13:15 | 12:40 |
| 3: Analysis Completed Date | | --- | --- | 24-Aug-20 | 24-Aug-20 | 24-Aug-20 | 24-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 13:34 | 13:34 | 13:34 | 13:34 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: NR Block 233 - Lot 1 | 18-Aug-20 17:22 | 6.3 | 1.21 | 0 | 0 | 0 | 10 |
| 7: NR Block 233 - Lot 60 | 18-Aug-20 17:09 | 6.3 | 1.20 | 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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24-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 20 August 2020
LR Report: CA21039-AUG20

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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 | | --- | --- | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 | 20-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 13:15 | 13:15 | 13:15 | 12:40 |
| 3: Analysis Completed Date | | --- | --- | 24-Aug-20 | 24-Aug-20 | 24-Aug-20 | 24-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 13:34 | 13:34 | 13:34 | 13:34 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: NR Block 233 - Lot 1 | 18-Aug-20 17:27 | 6.3 | 1.13 | 0 | 0 | 0 | 60 |
| 7: NR Block 233 - Lot 60 | 18-Aug-20 17:15 | 6.3 | 1.10 | 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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28-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 25 August 2020
LR Report: CA21192-AUG20

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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 | | --- | --- | 25-Aug-20 | 25-Aug-20 | 25-Aug-20 | 25-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 12:40 | 12:40 | 12:40 | 12:05 |
| 3: Analysis Completed Date | | --- | --- | 28-Aug-20 | 28-Aug-20 | 28-Aug-20 | 28-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 10:22 | 10:22 | 10:22 | 10:22 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 24-Aug-20 14:40 | 7.5 | 0.58 | 0 | 0 | 0 | 10 |
| 7: 3604D DW Ilderton PS1 | 24-Aug-20 09:10 | 7.5 | 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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28-August-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 25 August 2020
LR Report: CA21193-AUG20

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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 | | --- | --- | 25-Aug-20 | 25-Aug-20 | 25-Aug-20 | 25-Aug-20 |
| 2: Analysis Start Time | | --- | --- | 12:40 | 12:40 | 12:40 | 12:05 |
| 3: Analysis Completed Date | | --- | --- | 28-Aug-20 | 28-Aug-20 | 28-Aug-20 | 28-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 10:23 | 10:23 | 10:23 | 10:23 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 24-Aug-20 09:53 | 7.5 | 1.15 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 24-Aug-20 09:01 | 7.5 | 0.50 | 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-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 08 September 2020
LR Report: CA20336-SEP20

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

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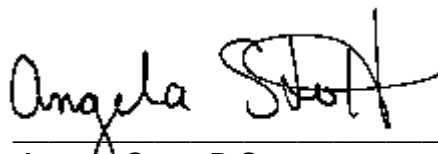
Final Report

| 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 | | --- | --- | 08-Sep-20 | 08-Sep-20 | 08-Sep-20 | 08-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 13:00 | 13:00 | 13:00 | 12:40 |
| 3: Analysis Completed Date | | --- | --- | 10-Sep-20 | 10-Sep-20 | 10-Sep-20 | 10-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 16:09 | 16:09 | 16:09 | 16:09 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 07-Sep-20 11:12 | 7.8 | 0.50 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 07-Sep-20 10:38 | 7.8 | 0.58 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 07-Sep-20 12:54 | 7.8 | 1.03 | 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-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 08 September 2020
LR Report: CA20337-SEP20

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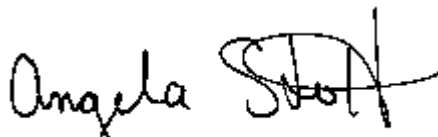
Final Report

| 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-Sep-20 | 08-Sep-20 | 08-Sep-20 | 08-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 13:00 | 13:00 | 13:00 | 12:40 |
| 3: Analysis Completed Date | | --- | --- | 10-Sep-20 | 10-Sep-20 | 10-Sep-20 | 10-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 16:09 | 16:09 | 16:09 | 16:09 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 07-Sep-20 11:01 | 7.8 | 1.03 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 07-Sep-20 09:11 | 7.8 | 0.50 | 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-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 15 September 2020
LR Report: CA20721-SEP20

10227 Ilderton Rd., Ilderton
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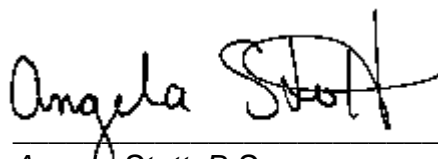
Final Report

| 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 | | --- | --- | 15-Sep-20 | 15-Sep-20 | 15-Sep-20 | 15-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 12:55 | 12:55 | 12:55 | 12:15 |
| 3: Analysis Completed Date | | --- | --- | 17-Sep-20 | 17-Sep-20 | 17-Sep-20 | 17-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 14:59 | 14:59 | 14:59 | 14:59 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 14-Sep-20 10:53 | 8.3 | 1.08 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 14-Sep-20 12:48 | 8.3 | 0.51 | 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-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 15 September 2020
LR Report: CA20722-SEP20

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-Sep-20 | 15-Sep-20 | 15-Sep-20 | 15-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 12:55 | 12:55 | 12:55 | 12:15 |
| 3: Analysis Completed Date | | --- | --- | 17-Sep-20 | 17-Sep-20 | 17-Sep-20 | 17-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 14:59 | 14:59 | 14:59 | 14:59 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 14-Sep-20 11:50 | 8.3 | 0.49 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 14-Sep-20 09:35 | 8.3 | 0.91 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 14-Sep-20 08:30 | 8.3 | 1.05 | 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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657 Consortium Court
London - Ontario - N6E 2S8
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25-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 22 September 2020
LR Report: CA21069-SEP20

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 | | --- | --- | 22-Sep-20 | 22-Sep-20 | 22-Sep-20 | 22-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 11:00 | 11:00 | 11:00 | 10:10 |
| 3: Analysis Completed Date | | --- | --- | 24-Sep-20 | 24-Sep-20 | 24-Sep-20 | 24-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 11:33 | 11:33 | 11:33 | 11:33 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 21-Sep-20 13:25 | 7.2 | 1.10 | 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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25-September-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 22 September 2020
LR Report: CA21071-SEP20

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 | | --- | --- | 22-Sep-20 | 22-Sep-20 | 22-Sep-20 | 22-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 11:00 | 11:00 | 11:00 | 10:10 |
| 3: Analysis Completed Date | | --- | --- | 24-Sep-20 | 24-Sep-20 | 24-Sep-20 | 24-Sep-20 |
| 4: Analysis Completed Time | | --- | --- | 11:34 | 11:34 | 11:34 | 11:34 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 21-Sep-20 11:44 | 7.2 | 0.60 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 21-Sep-20 11:28 | 7.2 | 0.54 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 21-Sep-20 09:35 | 7.2 | 1.06 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 21-Sep-20 08:51 | 7.2 | 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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02-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 29 September 2020
LR Report: CA21481-SEP20

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

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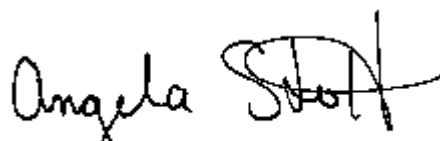
Final Report

| 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 | | --- | --- | 29-Sep-20 | 29-Sep-20 | 29-Sep-20 | 29-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 17:15 | 17:15 | 17:15 | 16:50 |
| 3: Analysis Completed Date | | --- | --- | 01-Oct-20 | 01-Oct-20 | 01-Oct-20 | 01-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 17:14 | 17:14 | 17:14 | 17:14 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 28-Sep-20 15:20 | 12.3 | 0.72 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 28-Sep-20 15:07 | 12.3 | 0.67 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 28-Sep-20 13:41 | 12.3 | 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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02-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 29 September 2020
LR Report: CA21482-SEP20

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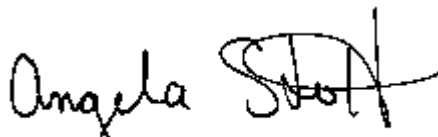
Final Report

| 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 | | --- | --- | 29-Sep-20 | 29-Sep-20 | 29-Sep-20 | 29-Sep-20 |
| 2: Analysis Start Time | | --- | --- | 17:15 | 17:15 | 17:15 | 16:50 |
| 3: Analysis Completed Date | | --- | --- | 01-Oct-20 | 01-Oct-20 | 01-Oct-20 | 01-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 17:14 | 17:14 | 17:14 | 17:14 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 28-Sep-20 14:35 | 12.3 | 1.10 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 28-Sep-20 09:16 | 12.3 | 0.72 | 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-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 06 October 2020
LR Report: CA20157-OCT20

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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-Oct-20 | 06-Oct-20 | 06-Oct-20 | 06-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 14:55 | 14:55 | 14:55 | 14:30 |
| 3: Analysis Completed Date | | --- | --- | 08-Oct-20 | 08-Oct-20 | 08-Oct-20 | 08-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 14:03 | 14:03 | 14:03 | 14:03 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 05-Oct-20 12:31 | 12.9 | 1.23 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 05-Oct-20 09:24 | 12.9 | 0.64 | 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-October-2020

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

Date Rec. : 06 October 2020

LR Report: CA20159-OCT20

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 | | --- | --- | 06-Oct-20 | 06-Oct-20 | 06-Oct-20 | 06-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 14:55 | 14:55 | 14:55 | 14:30 |
| 3: Analysis Completed Date | | --- | --- | 08-Oct-20 | 08-Oct-20 | 08-Oct-20 | 08-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 14:03 | 14:03 | 14:03 | 14:03 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 05-Oct-20 13:16 | 12.9 | 0.58 | 0 | 0 | 0 | 40 |
| 7: 1A0D9 DW Ballymote Sample Station | 05-Oct-20 12:43 | 12.9 | 0.67 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 05-Oct-20 09:18 | 12.9 | 1.07 | 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-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 13 October 2020
LR Report: CA20468-OCT20

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

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CERTIFICATE OF ANALYSIS

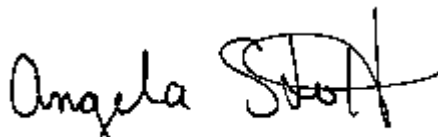
Final Report

| 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 | | --- | --- | 13-Oct-20 | 13-Oct-20 | 13-Oct-20 | 13-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 16:25 | 16:25 | 16:25 | 15:40 |
| 3: Analysis Completed Date | | --- | --- | 15-Oct-20 | 15-Oct-20 | 15-Oct-20 | 15-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 13:58 | 13:58 | 13:58 | 13:58 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 12-Oct-20 10:31 | 11.7 | 1.24 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 12-Oct-20 11:59 | 11.7 | 0.64 | 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-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 13 October 2020
LR Report: CA20469-OCT20

10227 Ilderton Rd., Ilderton
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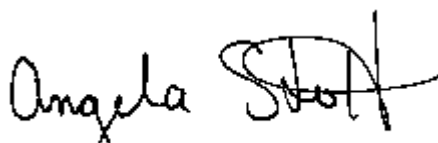
Final Report

| 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 | | --- | --- | 13-Oct-20 | 13-Oct-20 | 13-Oct-20 | 13-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 16:25 | 16:25 | 16:25 | 15:40 |
| 3: Analysis Completed Date | | --- | --- | 15-Oct-20 | 15-Oct-20 | 15-Oct-20 | 15-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 13:58 | 13:58 | 13:58 | 13:58 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 12-Oct-20 12:57 | 11.7 | 0.51 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 12-Oct-20 10:29 | 11.7 | 0.99 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 12-Oct-20 09:23 | 11.7 | 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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26-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 20 October 2020
LR Report: CA20829-OCT20

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 | | --- | --- | 20-Oct-20 | 20-Oct-20 | 20-Oct-20 | 20-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 15:35 | 15:35 | 15:35 | 15:10 |
| 3: Analysis Completed Date | | --- | --- | 22-Oct-20 | 22-Oct-20 | 22-Oct-20 | 22-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 17:11 | 17:11 | 17:11 | 17:11 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 19-Oct-20 11:00 | 4.3 | 0.50 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 19-Oct-20 10:08 | 4.3 | 0.57 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 19-Oct-20 14:03 | 4.3 | 0.98 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 19-Oct-20 14:30 | 4.3 | 1.08 | 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-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 20 October 2020

LR Report: CA20832-OCT20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

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CERTIFICATE OF ANALYSIS

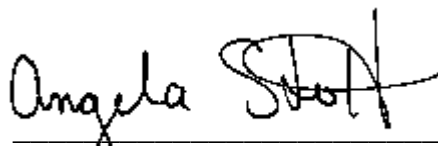
Final Report

| Sample ID | Sample Date & Time | Temperature Upon Receipt °C | Field 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 | | --- | --- | 20-Oct-20 | 20-Oct-20 | 20-Oct-20 | 20-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 15:35 | 15:35 | 15:35 | 15:10 |
| 3: Analysis Completed Date | | --- | --- | 22-Oct-20 | 22-Oct-20 | 22-Oct-20 | 22-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 17:12 | 17:12 | 17:12 | 17:12 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 19-Oct-20 13:27 | 4.3 | 1.16 | 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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London - Ontario - N6E 2S8
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30-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 27 October 2020
LR Report: CA21201-OCT20

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

Copy: #1

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 | | --- | --- | 27-Oct-20 | 27-Oct-20 | 27-Oct-20 | 27-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 16:50 | 16:50 | 16:50 | 16:15 |
| 3: Analysis Completed Date | | --- | --- | 30-Oct-20 | 30-Oct-20 | 30-Oct-20 | 30-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 08:06 | 08:06 | 08:06 | 08:06 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 26-Oct-20 14:18 | 6.9 | 0.51 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 26-Oct-20 14:04 | 6.9 | 0.63 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 26-Oct-20 15:53 | 6.9 | 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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30-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 27 October 2020

LR Report: CA21202-OCT20

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 | | --- | --- | 27-Oct-20 | 27-Oct-20 | 27-Oct-20 | 27-Oct-20 |
| 2: Analysis Start Time | | --- | --- | 16:50 | 16:50 | 16:50 | 16:15 |
| 3: Analysis Completed Date | | --- | --- | 30-Oct-20 | 30-Oct-20 | 30-Oct-20 | 30-Oct-20 |
| 4: Analysis Completed Time | | --- | --- | 08:06 | 08:06 | 08:06 | 08:06 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 26-Oct-20 16:16 | 6.9 | 1.16 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 26-Oct-20 14:34 | 6.9 | 0.67 | 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



Works #: 260004202

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Lakefield - Ontario - K0L 2H0
Phone: 705-652-2000 FAX: 705-652-6365

15-October-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 06 October 2020

LR Report: CA30047-OCT20

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

| 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-Oct-20 12:25 |
| Temperature Upon Receipt [°C] | --- | --- | --- | --- | --- | --- | 8.0 |
| Trihalomethanes (total) [ug/L] | 07-Oct-20 | 15:46 | 08-Oct-20 | 13:13 | 100 (RAA) | 0.37 | 36 |
| Bromodichloromethane [ug/L] | 07-Oct-20 | 15:46 | 08-Oct-20 | 13:13 | -- | 0.26 | 9.2 |
| Bromoform [ug/L] | 07-Oct-20 | 15:46 | 08-Oct-20 | 13:13 | -- | 0.34 | 0.34 <MDL |
| Chloroform [ug/L] | 07-Oct-20 | 15:46 | 08-Oct-20 | 13:13 | -- | 0.29 | 23 |
| Dibromochloromethane [ug/L] | 07-Oct-20 | 15:46 | 08-Oct-20 | 13:13 | -- | 0.37 | 4.2 |
| Total Haloacetic Acids (HAA5) [ug/L] | 09-Oct-20 | 14:52 | 15-Oct-20 | 11:01 | 80 (RAA) | 5.3 | 19.9 |
| Chloroacetic Acid [ug/L] | 09-Oct-20 | 14:52 | 15-Oct-20 | 11:01 | --- | 4.7 | 4.7 <MDL |
| Bromoacetic Acid [ug/L] | 09-Oct-20 | 14:52 | 15-Oct-20 | 11:01 | --- | 2.9 | 2.9 <MDL |
| Dichloroacetic Acid [ug/L] | 09-Oct-20 | 14:52 | 15-Oct-20 | 11:01 | --- | 2.6 | 12.9 |
| Dibromoacetic Acid [ug/L] | 09-Oct-20 | 14:52 | 15-Oct-20 | 11:01 | --- | 2.0 | 2.0 <MDL |
| Trichloroacetic Acid [ug/L] | 09-Oct-20 | 14:52 | 15-Oct-20 | 11:01 | --- | 5.3 | 6.9 |

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 |

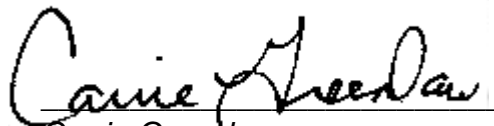
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LR Report : CA30047-OCT20



Carrie Greenlaw

Project Specialist,

Environment, Health & Safety

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04-December-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 01 December 2020

LR Report: CA20062-DEC20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

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CERTIFICATE OF ANALYSIS

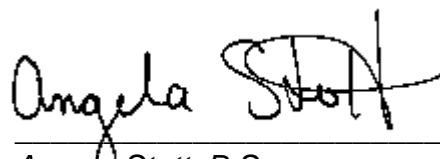
Final Report

| 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 | | --- | --- | 01-Dec-20 | 01-Dec-20 | 01-Dec-20 | 01-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 16:15 | 16:15 | 16:15 | 15:40 |
| 3: Analysis Completed Date | | --- | --- | 03-Dec-20 | 03-Dec-20 | 03-Dec-20 | 03-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 15:08 | 15:08 | 15:08 | 15:08 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 30-Nov-20 13:57 | 4.1 | 0.62 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1A | 30-Nov-20 09:42 | 4.1 | 1.13 | 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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04-December-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 01 December 2020
LR Report: CA20064-DEC20

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

Copy: #1

CERTIFICATE OF ANALYSIS

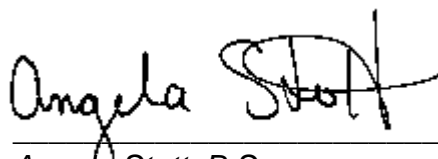
Final Report

| 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-Dec-20 | 01-Dec-20 | 01-Dec-20 | 01-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 16:15 | 16:15 | 16:15 | 15:40 |
| 3: Analysis Completed Date | | --- | --- | 03-Dec-20 | 03-Dec-20 | 03-Dec-20 | 03-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 15:08 | 15:08 | 15:08 | 15:08 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 30-Nov-20 13:48 | 4.1 | 1.33 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 30-Nov-20 11:14 | 4.1 | 0.90 | 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-November-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 03 November 2020
LR Report: CA20101-NOV20

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

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CERTIFICATE OF ANALYSIS

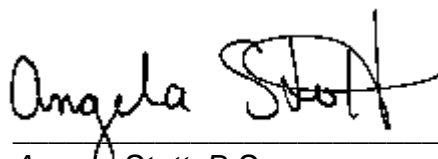
Final Report

| 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 | | --- | --- | 03-Nov-20 | 03-Nov-20 | 03-Nov-20 | 03-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 17:10 | 17:10 | 17:10 | 16:25 |
| 3: Analysis Completed Date | | --- | --- | 06-Nov-20 | 06-Nov-20 | 06-Nov-20 | 06-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 08:30 | 08:30 | 08:30 | 08:30 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 02-Nov-20 10:57 | 6.6 | 1.32 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 02-Nov-20 08:37 | 6.6 | 0.72 | 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-November-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 03 November 2020
LR Report: CA20102-NOV20

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

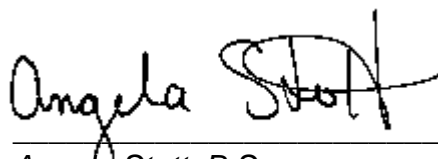
Final Report

| 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 | | --- | --- | 03-Nov-20 | 03-Nov-20 | 03-Nov-20 | 03-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 17:10 | 17:10 | 17:10 | 16:25 |
| 3: Analysis Completed Date | | --- | --- | 06-Nov-20 | 06-Nov-20 | 06-Nov-20 | 06-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 08:30 | 08:30 | 08:30 | 08:30 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 02-Nov-20 12:21 | 6.6 | 0.56 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1 | 02-Nov-20 09:25 | 6.6 | 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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12-November-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 10 November 2020
LR Report: CA20409-NOV20

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

Copy: #1

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

CERTIFICATE OF ANALYSIS

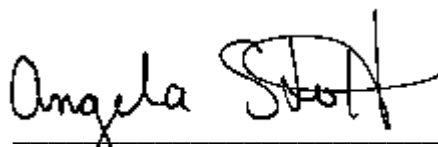
Final Report

| 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 | | --- | --- | 10-Nov-20 | 10-Nov-20 | 10-Nov-20 | 10-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 15:35 | 15:35 | 15:35 | 15:20 |
| 3: Analysis Completed Date | | --- | --- | 12-Nov-20 | 12-Nov-20 | 12-Nov-20 | 12-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 13:08 | 13:08 | 13:08 | 13:08 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 09-Nov-20 12:25 | 12.1 | 0.57 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 09-Nov-20 12:12 | 12.1 | 0.71 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 09-Nov-20 10:42 | 12.1 | 1.23 | 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-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 10 November 2020
LR Report: CA20410-NOV20

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

Copy: #1

CERTIFICATE OF ANALYSIS

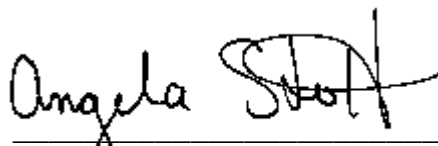
Final Report

| 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-Nov-20 | 10-Nov-20 | 10-Nov-20 | 10-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 15:35 | 15:35 | 15:35 | 15:20 |
| 3: Analysis Completed Date | | --- | --- | 12-Nov-20 | 12-Nov-20 | 12-Nov-20 | 12-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 13:09 | 13:09 | 13:09 | 13:09 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 09-Nov-20 13:22 | 12.1 | 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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19-November-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 17 November 2020

LR Report: CA20681-NOV20

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

Copy: #1

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-Nov-20 | 17-Nov-20 | 17-Nov-20 | 17-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 15:25 | 15:25 | 15:25 | 14:55 |
| 3: Analysis Completed Date | | --- | --- | 19-Nov-20 | 19-Nov-20 | 19-Nov-20 | 19-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 15:27 | 15:27 | 15:27 | 15:27 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Towe | 16-Nov-20 09:47 | 2.0 | 1.08 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 16-Nov-20 10:19 | 2.5 | 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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19-November-2020

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

Date Rec. : 17 November 2020

LR Report: CA20684-NOV20

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 | | --- | --- | 17-Nov-20 | 17-Nov-20 | 17-Nov-20 | 17-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 15:50 | 15:50 | 15:50 | 15:00 |
| 3: Analysis Completed Date | | --- | --- | 19-Nov-20 | 19-Nov-20 | 19-Nov-20 | 19-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 15:36 | 15:36 | 15:36 | 15:36 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 16-Nov-20 14:22 | 0.4 | 0.50 | 0 | 0 | 0 | < 10 |
| 7: 3604D DW Ilderton PS1A | 16-Nov-20 11:38 | < 0 | 1.12 | NDSF | NDSF | NDSF | --- |

MAC - Maximum Acceptable Concentration

NDSF - No Data: Sample Frozen in Transit

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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20-November-2020

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

Date Rec. : 18 November 2020
LR Report: CA20751-NOV20

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

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 |
|----------------------------|--------------------|-----------------------------|-----------------------|--------------------------|------------------|-------------------------------------|
| 1: Analysis Start Date | | --- | --- | 18-Nov-20 | 18-Nov-20 | 18-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 13:50 | 13:50 | 13:50 |
| 3: Analysis Completed Date | | --- | --- | 20-Nov-20 | 20-Nov-20 | 20-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 10:55 | 10:55 | 10:55 |
| 5: MAC | | --- | --- | 0 | 0 | --- |
| 6: 3604D DW Ilderton PS1 | 17-Nov-20 14:46 | 6.5 | 1.31 | 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/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-November-2020

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

Date Rec. : 24 November 2020
LR Report: CA20952-NOV20

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 | | --- | --- | 24-Nov-20 | 24-Nov-20 | 24-Nov-20 | 24-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:00 |
| 3: Analysis Completed Date | | --- | --- | 26-Nov-20 | 26-Nov-20 | 26-Nov-20 | 26-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 12:19 | 12:19 | 12:19 | 12:19 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 23-Nov-20 11:56 | 7.5 | 1.11 | 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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26-November-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 24 November 2020
LR Report: CA20953-NOV20

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 | | --- | --- | 24-Nov-20 | 24-Nov-20 | 24-Nov-20 | 24-Nov-20 |
| 2: Analysis Start Time | | --- | --- | 14:50 | 14:50 | 14:50 | 14:00 |
| 3: Analysis Completed Date | | --- | --- | 26-Nov-20 | 26-Nov-20 | 26-Nov-20 | 26-Nov-20 |
| 4: Analysis Completed Time | | --- | --- | 12:19 | 12:19 | 12:19 | 12:19 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 23-Nov-20 14:03 | 7.5 | 0.53 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 23-Nov-20 13:05 | 7.5 | 0.75 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 23-Nov-20 10:07 | 7.5 | 0.96 | 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-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 08 December 2020
LR Report: CA20316-DEC20

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 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 | | --- | --- | 08-Dec-20 | 08-Dec-20 | 08-Dec-20 | 08-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 14:15 | 14:15 | 14:15 | 13:40 |
| 3: Analysis Completed Date | | --- | --- | 10-Dec-20 | 10-Dec-20 | 10-Dec-20 | 10-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 14:23 | 14:23 | 14:23 | 14:23 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 07-Dec-20 10:41 | 7.3 | 1.14 | 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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18-December-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 08 December 2020
LR Report: CA20319-DEC20

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 | | --- | --- | 08-Dec-20 | 08-Dec-20 | 08-Dec-20 | 08-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 14:15 | 14:15 | 14:15 | 13:40 |
| 3: Analysis Completed Date | | --- | --- | 10-Dec-20 | 10-Dec-20 | 10-Dec-20 | 10-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 14:24 | 14:24 | 14:24 | 14:24 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 07-Dec-20 12:52 | 7.3 | 0.67 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 07-Dec-20 12:19 | 7.3 | 0.71 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 07-Dec-20 10:26 | 7.3 | 1.09 | 0 | 0 | 0 | --- |
| 9: 3604D DW Ilderton PS1 | 07-Dec-20 10:43 | 7.3 | 1.29 | 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-December-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 15 December 2020
LR Report: CA20635-DEC20

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

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CERTIFICATE OF ANALYSIS

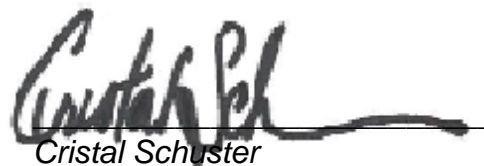
Final Report

| 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-Dec-20 | 15-Dec-20 | 15-Dec-20 | 15-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 14:25 | 14:25 | 14:25 | 13:55 |
| 3: Analysis Completed Date | | --- | --- | 17-Dec-20 | 17-Dec-20 | 17-Dec-20 | 17-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 15:03 | 15:03 | 15:03 | 15:03 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 14-Dec-20 12:05 | 5.5 | 0.67 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 14-Dec-20 11:51 | 5.5 | 0.74 | 0 | 0 | 0 | --- |
| 8: 1A0DC DW Denfield Sample Station | 14-Dec-20 10:30 | 5.5 | 1.10 | 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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18-December-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 15 December 2020
LR Report: CA20638-DEC20

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-Dec-20 | 15-Dec-20 | 15-Dec-20 | 15-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 14:25 | 14:25 | 14:25 | 13:55 |
| 3: Analysis Completed Date | | --- | --- | 17-Dec-20 | 17-Dec-20 | 17-Dec-20 | 17-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 15:03 | 15:03 | 15:03 | 15:03 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 14-Dec-20 10:25 | 5.5 | 1.34 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 14-Dec-20 11:48 | 5.5 | 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 |



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29-December-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 22 December 2020
LR Report: CA20947-DEC20

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 | | --- | --- | 22-Dec-20 | 22-Dec-20 | 22-Dec-20 | 22-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 13:35 | 13:35 | 13:35 | 13:25 |
| 3: Analysis Completed Date | | --- | --- | 24-Dec-20 | 24-Dec-20 | 24-Dec-20 | 24-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 12:04 | 12:04 | 12:04 | 12:04 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 21-Dec-20 11:03 | 7.3 | 1.25 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 21-Dec-20 14:59 | 7.3 | 0.95 | 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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29-December-2020

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 22 December 2020
LR Report: CA20948-DEC20

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 | | --- | --- | 22-Dec-20 | 22-Dec-20 | 22-Dec-20 | 22-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 13:35 | 13:35 | 13:35 | 13:25 |
| 3: Analysis Completed Date | | --- | --- | 24-Dec-20 | 24-Dec-20 | 24-Dec-20 | 24-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 12:04 | 12:04 | 12:04 | 12:04 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 21-Dec-20 15:34 | 7.3 | 0.62 | 0 | 0 | 0 | < 10 |
| 7: 1A0D9 DW Ballymote Sample Station | 21-Dec-20 15:21 | 7.3 | 0.69 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 21-Dec-20 13:23 | 7.3 | 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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04-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 29 December 2020
LR Report: CA21106-DEC20

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 | | --- | --- | 29-Dec-20 | 29-Dec-20 | 29-Dec-20 | 29-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 12:05 | 12:05 | 12:05 | 11:40 |
| 3: Analysis Completed Date | | --- | --- | 31-Dec-20 | 31-Dec-20 | 31-Dec-20 | 31-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 09:33 | 09:33 | 09:33 | 09:33 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 28-Dec-20 15:50 | 7.8 | 0.57 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 28-Dec-20 09:35 | 7.8 | 1.09 | 0 | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 28-Dec-20 10:03 | 7.8 | 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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04-January-2021

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

Date Rec. : 29 December 2020
LR Report: CA21107-DEC20

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 | | --- | --- | 29-Dec-20 | 29-Dec-20 | 29-Dec-20 | 29-Dec-20 |
| 2: Analysis Start Time | | --- | --- | 12:05 | 12:05 | 12:05 | 11:40 |
| 3: Analysis Completed Date | | --- | --- | 31-Dec-20 | 31-Dec-20 | 31-Dec-20 | 31-Dec-20 |
| 4: Analysis Completed Time | | --- | --- | 09:33 | 09:33 | 09:33 | 09:33 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 36050 DW Komoka Water Tower | 28-Dec-20 10:29 | 7.8 | 1.30 | 0 | 0 | 0 | < 10 |
| 7: 36023 DW Delaware Water Tower | 28-Dec-20 08:16 | 7.8 | 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 |



Cristal Schuster
Project Specialist-London,
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)**

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 *

150984

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 _____

Details of Adverse Result *

Total Coliform (TC=7 cfu/100ml) on Drinking waste at the Denfield Sample Station with in the Middlesex Centre Distribution System (MCD) on July 27, 2020.

DWS Information

DWS Name *

Middlesex Centre Distribution System

DWS Number *

210000791

Last Name *

Joudrey

First Name *

Eric

Position *

Manager of Water and Wastewater Operations

Email Address

joudrey@middlesexcentre.on.ca

Telephone Number (including area code)

519-666-0190

ext. 255

Additional Comments

Oral Notification to Health Unit - Person Contacted

Public Health Unit Name *

London Middlesex Health Unit

Last Name *

Adas

First Name *

James

Position *

Public Health Inspector

Telephone Number (including area code) *

519-663-5317

ext.

Fax Number (including area code)

Date (yyyy/mm/dd) *

2020/07/29

Time (hh:mm) *

2:30 PM

Fields marked with an asterisk (*) are mandatory.

Section 2A continued

DWS Person Providing Oral Notification *
Brian Watson

Email Address
watson@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 | Submitted on July 30 |
| Disinfection Restored / Increased | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Mains / Pipes Flushed | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input 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 | |
| Users Advised to Boil Water / Seek Alternate Source | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |

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 |
|--------|--|---|

Oral Notification to Spills Action Centre (SAC) - Person Contacted

| | |
|-------------|--------------|
| Last Name * | First Name * |
| Chan | Alim |

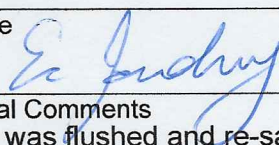
Position *
Environmental Officer

DWS Person Providing Oral Notifying *
Brian Watson

Date (yyyy/mm/dd) *
2020/07/29

Time (hh:mm)*
2:37 PM

Initial DWS Notification Prepared by *
Eric Joudrey

Signature


Date (yyyy/mm/dd) *
2020/07/30

Additional Comments
System was flushed and re-sampled at source, upstream & downstream

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

Fields marked with an asterisk (*) are mandatory.

Section 1 – Written Notice By Licensed Laboratory (For THM reporting see Section 2C)
Indicators of Adverse Water Quality

AWQI Number

150984

Is this a re-sample? *

☐ Yes ☒ No ☐ Unknown If Yes, then provide initial AWQI number

☒ Microbiological * ☐ Physical/Chemical * ☐ Radiological * ☐ Licence/Order/Certificate Requirement *

Licensed Laboratory Information

Licensed Laboratory Name *

SGS Canada Inc.

MOECC Laboratory License Number *

2209

Unit/Suite Number

Street Number

657

Street Name

Consortium Crt.

City/Town

London

Province

ON

Telephone Number (including area code) *

519 672-4500

Email Address

angela.stott@sgs.com

Fax Number (including area code)

519 672-0361

Licensed Laboratory Emergency Contact

Last Name *

Stott

First Name *

Angela

Telephone Number (including area code) *

519 672-4500

Drinking Water System (DWS) Information

DWS Name *

Mun Of Middlesex Centre (Middlesex Center)

DWS Number *

260004202

Telephone Number (including area code) *

519 435-6434

Location *

22280 Komoka Rd, Komoka On, N0H1R0

Email Address

DWS Emergency Contact Name

Last Name *

Damile

First Name *

Cromwell

Telephone Number (including area code) *

519 435-6434

Oral Notification to DWS Owner - Person Contacted

Last Name *

Damile

First Name *

Cromwell

Position of Person Contacted *

Senior Operations Manager

Telephone Number (including area code) *

519 435-6434

Fax Number (including area code)

Date (yyyy/mm/dd) *

2020/07/29

Time (hh:mm) *

1:27 PM

Email Address

Oral Notification to Health Unit - Person Contacted

Health Unit Name *

Middlesex London Health Unit

Last Name *

Ashworth

First Name *

Marilyn



Position of Person Contacted *

Program Assistant

Telephone Number (including area code) *

519 663-5317

Fax Number (including area code)

519 663-9276

Date (yyyy/mm/dd) *

2020/07/29

Time (hh:mm) *

1:30 PM

Email Address

Oral Notification To Spills Action Centre (SAC) - Person Contacted

Last Name *

Richares

First Name *

Aaron

Position of Person Contacted *

Environmental Officer

Person Notifying *

Melissa Echlin

Date (yyyy/mm/dd) *

2020/07/29

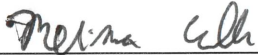
Time (hh:mm) *

1:20 PM

Name *

Melissa Echlin

Signature



Date (yyyy/mm/dd) *

2020/07/29

Comments

called dws at 13:10 and left message with operator
called health unit at 13:15 and left message

Note: Use Section 3 to attach laboratory report.



Ministry of the Environment
and Climate Change

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 3 – Adverse Analytical Results

| | | |
|----------------------------|-----------------------------------|--|
| AWQI Number * | Is this a re-sample? * | |
| 150984 | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Licensed Laboratory Name * | MOECC Laboratory License Number * | |
| SGS Canada Inc. | 2209 | |

Microbiological Testing

| Laboratory Submission ID * | Laboratory Sample ID * | Date/Time – Sample Collected (yyyy/mm/dd) | Sample Type and Sample Location * U: Untreated T: Treated D: Distribution | Count / 100 mL | | P-A / 100mL Confirmed | Date Data Approved (yyyy/mm/dd) * | Chlorine Residual (mg/l) *** / F- Free / C-Combined |
|----------------------------|------------------------|---|--|----------------------|--------------|--|-----------------------------------|---|
| | | | | Total Coliforms (TC) | E. coli (EC) | | | |
| CA21316-JUL20 | 7 | 2020/07/27 1256 | DW Denfield Sample Station / | 7 | 0 | TC <input type="checkbox"/> EC <input type="checkbox"/> | 2020/07/29 | F <input checked="" type="checkbox"/> 0.75 mg/L C <input type="checkbox"/> |
| | | | | | | TC <input type="checkbox"/> EC <input type="checkbox"/> | | F <input type="checkbox"/> C <input type="checkbox"/> mg/L |

Physical or Chemical or Radiological Testing

| Laboratory Submission ID * | Laboratory Sample ID * | Date/Time – Sample Collected (yyyy/mm/dd) | Sample Type and Sample Location * U: Untreated T: Treated D: Distribution | Parameter * | Result(s) **** * | Units of Measure/ Standard | Date Data Approved (yyyy/mm/dd) * |
|---|-----------------------------|---|--|-------------|------------------|----------------------------|-----------------------------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Has Health Unit been notified? * | | | Health Unit Name * | | | | |
| <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | Middlesex London Health Unit | | | | | |

Users Advised to Boil/Seek Alternate Water
☐ Yes ☐ No

CE

Fields marked with an asterisk (*) are mandatory.

Section 3 continued.

| | | | | | |
|----------------------------|------------------------------|--|-----------------------|-----------|--------------------------|
| Other Information Attached | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | | | |
| Attached File Name | | Created | Modified | Size (MB) | Remove Selected File |
| | | | | | <input type="checkbox"/> |
| | | | Number of attachments | 0 | |

Please describe any other direction perscribed by Health Unit or additional actions taken/results achieved

Provided By *

Melissa Echlin

Signature

Melissa Echlin

Date (yyyy/mm/dd) *

2020/07/29

* Only for Drinking Water Systems that obtained exemptions from treatment requirements under O. Reg. 170/03.

** Refers to treated water samples collected downstream of treatment equipment.

*** Indicate Free or Combined Chlorine Residual in mg/l for treated drinking water. Enter N/A if no chlorination is provided.

**** When reporting Trihalomethanes, please include the latest quarterly average result and the calculated running annual average value.

4E

**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 |
| Middlesex Centre Distribution System | Brian Watson |
| DWS Number / Numéro du REP | Telephone No. / N° de téléphone |
| 260004202 | (519) 854-7618 Ext. |
| 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) |
| 2020/08/04 | 2020/08/04 |
| Initial AWQI Number* / Numéro initial de RAIQE* | |
| 150984 | |

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

NA

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)

- Flushed Denfield sample station, upstream hydrant and down stream hydrant
- Resampled Denfield sample station, upstream hydrant and down stream hydrant
- Attached samples with no adverse results

| | | |
|---------------------------|---|---------------------------------------|
| Prepared by / Préparé par | Signature / Signature | Date (yyyy/mm/dd) / Date (aaaa/mm/jj) |
| Brian Watson |  | 2020/08/04 |

* 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.



SGS Canada Inc.

657 Consortium Court

London - Ontario - N6E 2S8

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

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

Works #: 260004202

30-July-2020

Date Rec. : 28 July 2020

LR Report: CA21316-JUL20

Copy: #1

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-Jul-20 | 28-Jul-20 | 28-Jul-20 | 28-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 13:35 | 13:35 | 13:35 | 13:10 |
| 3: Analysis Completed Date | | --- | --- | 30-Jul-20 | 30-Jul-20 | 30-Jul-20 | 30-Jul-20 |
| 4: Analysis Completed Time | | --- | --- | 16:59 | 16:59 | 16:59 | 16:59 |
| 5: MAC | | --- | --- | 0 | 0 | --- | --- |
| 6: 1A0D7 DW Arva Fire Hall | 27-Jul-20 11:32 | 6.3 | 0.76 | 0 | 0 | 0 | < 10 |
| 7: 1A0DC DW Denfield Sample Station | 27-Jul-20 12:56 | 6.3 | 0.75 | 7 MAC | 0 | 0 | --- |
| 8: 3604D DW Ilderton PS1 | 27-Jul-20 13:24 | 6.3 | 1.21 | 0 | 0 | 0 | --- |

MAC - Maximum Acceptable Concentration

The AWQI # assigned by the MOECP for the adverse result is: 150984

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 |



SGS Canada Inc.

657 Consortium Court

London - Ontario - N6E 2S8

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

Works #: 260004202

LR Report : CA21316-JUL20

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



SGS Canada Inc.

657 Consortium Court

London - Ontario - N6E 2S8

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

Mun of Middlesex Centre (Middlesex Centre)

Attn : Brian Watson

10227 Ilderton Rd., Ilderton

Canada, N0M 2A0

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

Works #: 260004202

04-August-2020

Date Rec. : 30 July 2020

LR Report: CA21482-JUL20

Copy: #1

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 | | --- | --- | 30-Jul-20 | 30-Jul-20 | 30-Jul-20 |
| 2: Analysis Start Time | | --- | --- | 10:45 | 10:45 | 10:45 |
| 3: Analysis Completed Date | | --- | --- | 04-Aug-20 | 04-Aug-20 | 04-Aug-20 |
| 4: Analysis Completed Time | | --- | --- | 08:43 | 08:43 | 08:43 |
| 5: MAC | | --- | --- | 0 | 0 | --- |
| 6: RESAMPLE 1A0DC DW Denfield Sample Station | 29-Jul-20 14:44 | 7.1 | 0.72 | 0 | 0 | 0 |
| 7: RESAMPLE DW Denfield Hydrant ON-03 | 29-Jul-20 15:05 | 7.1 | 0.86 | 0 | 0 | 0 |
| 8: RESAMPLE DW Denfield Hydrant ON-04 | 29-Jul-20 14:54 | 7.1 | 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/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 |



SGS Canada Inc.

657 Consortium Court

London - Ontario - N6E 2S8

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

Works #: 260004202

LR Report : CA21482-JUL20

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