

# *Summerside*



## **WATER SYSTEM REPORT**

**2016**

**Prepared By**

**Municipal Services - City of Summerside**

## Contents

Introduction .....	3
Summary .....	3
Bacteria Testing Results .....	4
Chemistry Analysis .....	5
Chlorination of Water System.....	6
Statistic Summary .....	6
Conclusion.....	7
Suggested Reading Material .....	8

**Water System Report**  
**January – December, 2016**  
**City of Summerside, Prince Edward Island**  
**Department of Municipal Services**

**Introduction**

The City of Summerside began sampling and testing drinking water on a bi-weekly basis in the 1960’s. In 2001 Summerside established the present policy for water sampling. This policy ensures that the drinking water quality in Summerside is maintained according to the standards set out in the Guidelines for Canadian Drinking Water Quality. In unique situations which are not addressed by these Guidelines, the City is committed to follow the guidance of the PEI Chief Health Officer. This report fulfills the City’s regulated requirement for summarizing system water quality on an annual basis and is intended to be public information.

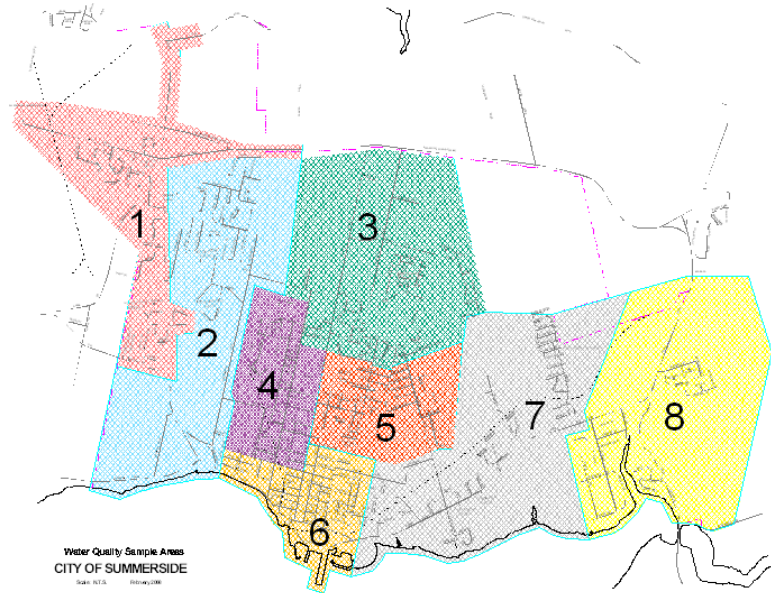
**Summary**

City officials have divided the water distribution system into 8 representative areas. Water samples (one from each area as well as one from each active well) are collected and analyzed for bacteria every two weeks. The number of sample locations and frequency of sampling was determined in accordance with the Guidelines for Canadian Drinking Water Quality. **Table 1** lists below the most commonly used sample locations for 2016.

<b>Sample Location</b>	<b>Civic Address (Summerside, P.E.I.)</b>	<b>City Sampling Zone</b>
St. Eleanor’s Community Center	1 West Drive	1
Illsley’s Feed Store	61 Mill Crescent	2
Granville Street Convenience	486 Granville Street	3
Summerset Manor ( Utility Room)	15 Frank Mellish Street	3
Lions Club Senior’s Residence	326 Brophy Avenue	4
Summerside Fire Hall #1	251 Foundry Street	5
ADL	79 Water Street	6
Ben’s Bakery Outlet Store	686 Water Street East	7
Read’s Corner Tim Horton’s	820 Water Street East	8
<b>City Water Source Location</b>		
S1 Well	411 Northmarket Street	6
S7 Well	123 Walker Avenue	3
S8 Well	507 MacEwen Road	3
S10 Well	277 Greenwood Drive	2
SE4 Well	26 Briggs Street	1
Wilmot Well Field (5 wells)	855 Read Drive	8

**Table 1: Water Sample Locations**

The sampling zones listed in Table 1 are shown below in **Figure 1: Summerside Water Sample Areas**. These 8 sampling zones were selected according to the EPA Drinking Water and Wastewater Facility Operating Regulations. If any of the regular sampling locations are inaccessible to City staff on a scheduled sampling day, an alternate location from the same zone is sampled as a substitute.



**Figure 1: Summerside Water Sample Areas**

Following collection, all water samples are sent to the Provincial Department of Environment Analytical Laboratory in Charlottetown. Each sample is tested for Total Coliforms DC and Escherichia Coli DC (E. Coli). In addition to the bacteria tests which are performed at the Provincial lab, the Free Chlorine Residual is analyzed and recorded by City Staff at the time of sample collection, as required by section 11(1)(e) of the Drinking Water and Wastewater Facility Operating Regulations.

## **Bacteria Testing Results**

During the 2016 year 405 water samples from the Summerside distribution system and wells were tested for Bacteria at the P.E.I. Analytical Laboratory. Of these 362 samples were taken from the public drinking water system as regular testing. The remaining 8 samples were taken because of requests from customers for testing services. 100% of samples taken for customer requests passed the requirements for the Guidelines for Canadian Drinking Water.

There were 16 samples which showed non-zero bacteria counts in 2016. No water was declared unfit to drink, however there was a boil water notice in place as a precautionary measure for areas around a water break in which took place in September. Also of note in 2016 was a sample from 215 Foundry Street which showed a Total Coliform count greater than 80. The source was immediately resampled. These samples showed zero bacteria counts so it was concluded, in consultation with the PEI Department of Environment; the first sample was likely the result of human error. Also of note in 2016 was non-zero bacteria count samples collected from the Summerset Manor on Frank Mellish Street. City staff worked together with maintenance staff from the manor to determine that the water piped into the building had zero bacteria counts and the source of contamination was determined to be a piece of equipment inside the manor as was the case in 2014 and 2015. Manor staff disinfected this piece of equipment and the City continued its modified testing procedure put in place last year to ensure residence safety.

## Chemistry Analysis

The EPA Drinking Water and Wastewater Facility Operating Regulations require all active wells to be subject to chemical analysis. A general chemical analysis of each well must be performed annually and a detailed analysis every three years. All water chemistry analysis for Summerside is performed at the Provincial Analytical Laboratory. The Guidelines for Canadian Drinking Water Quality set a Maximum Allowable Concentration (MAC) for various chemical contents of drinking water.

General chemistry analysis on water from all of Summerside's active wells was performed on April 4, 2016 and November 29, 2016 and included in this report. As shown in the general chemistry spreadsheet, all wells contained water which falls within the Health Canada Guidelines for drinking water – that is to say that no water sample collected exceeded the Maximum Allowable Concentration (MAC) for any chemical component.

Summerside performs detailed chemical analysis on wells on a 3 year rotation as required by the province. These tests were performed in 2014 and will be performed again in 2017. 2014 testing showed that all water samples from all Summerside wells are compliant with Health Canada Guidelines for healthy drinking water.

During 2016 City of Summerside staff collected 74 samples for nitrate analysis. The Guidelines for Canadian Drinking Water Quality set 10 mg/L as the Maximum Allowable Concentration for Nitrates. All samples taken during 2016 from the Summerside system were within the allowable limits. The lowest Nitrate value measured for 2016 was 3.1 parts per million (ppm) and the highest value measured was 9.0 ppm.

## Chlorination of Water System

Drinking water in the Summerside system is subject to only 1 type of treatment. Chlorine (as sodium hypochlorite liquid) is applied at each well. The goal of chlorination is to maintain a Free Chlorine Residual of at least 0.1 mg/L or higher at all points in the system at all times. This level of chlorination is the industry minimum standard for drinking water disinfection and is recommended by the Guidelines for Canadian Drinking Water Quality.

City Staff evaluate the free chlorine residual of each water sample used for bacteria testing. This means that on average 15 free chlorine residual tests are performed at the same locations as bacteria tests on a biweekly basis. Chlorine Residuals are also tested at each well 3 or 4 times per week. During 2016 the lowest chlorine level measured was 0.10 mg/L and the highest was 1.47 mg/L. Chlorine readings are shown in the Microchemistry spreadsheet and although these two values represent the highest and lowest measurements for the year they are by no means the typical measurements and the spreadsheet should be consulted for more information. Therefore, all chlorine residuals were within acceptable levels.

## Statistic Summary

Statistic	Value for 2016
Samples Tested for Bacteria	405
Bacteria Tests done at Customer Request	8 (100% pass rate)
Bacteria Tests with non-zero results	16
Nitrate Samples Tested	74 (100% pass rate)
General Chemistry Tests	48– 100% pass rate
Highest Nitrate Concentration	9.0 ppm (10ppm allowable maximum)
Lowest Nitrate Concentration	3.1 ppm
Sampling Areas	8
Number of Active Wells in System	10
Highest Chlorine Residual Measured	1.47mg/L
Lowest Chlorine Residual Measured	0.10 mg/L (0.1 minimum recommended)

**Table 2: Statistic Summary for Summerside 2016**

**Table 2** summarizes statistics for the Summerside water system for 2016. Please note that 3 spreadsheets of test results (Bacteria testing, Nitrate monitoring, and General Well Chemistry, Detailed Well Chemistry was not performed this year) are attached to this report. For help understanding results please feel free to contact the City.

## **Conclusion**

The City of Summerside Municipal Works department continues to operate and maintain a safe water utility, delivering water which meets the Canadian Drinking Water Guidelines as set out by Health Canada. The public are welcome to contact the Municipal Services Department at 902-432-1268 with any questions.

## Suggested Reading Material

1. Bacterial Drinking Water Analysis

This brochure was prepared by the PEI Department of Environment and explains how water samples are tested for bacteria on PEI. The handout also explains what types of bacteria are tested for and what the test results mean. <http://www.gov.pe.ca/photos/original/watertest.pdf>

2. Guidelines for Canadian Drinking Water Quality (Health Canada)

This detailed document lists the Maximum Allowable Concentration of numerous components which we test our water for.

<http://www.hc-sc.gc.ca/ewh-semt/water-eau/drink-potab/guide/index-eng.php>

3. See attached for the three listings of test results, Nitrate Monitoring, Microbiology and General Well Chemistry.



# Summerside

## 2016 Nitrate Monitoring Test Results

**Guideline to Nitrate Analysis:**

Units for Nitrate are mg/L

Nitrate Maximum Allowable Concentration is 10.0 ppm.

Sample ID	Location	Date	Address	City Sample Zone	Nitrate
P160106077	Summerside Firehall (Station #1)	6-Jan-16	251 Foundry Street	6	3.2
P160106078	ADL	6-Jan-16	79 Water Street	6	4.5
P160106083	Wilmot Wellfield Pipe Gallery	6-Jan-16	855 Read Drive	8	6.8
P160120058	Summerside Firehall (Station #1)	20-Jan-16	251 Foundry Street	6	6.2
P160120057	ADL	20-Jan-16	79 Water Street	6	4.5
P160120052	Wilmot Wellfield Pipe Gallery	20-Jan-16	855 Read Drive	8	7.2
P160210019	Summerside Firehall (Station #1)	10-Feb-16	251 Foundry Street	6	5.3
P160210020	ADL	10-Feb-16	79 Water Street	6	4.1
P160210025	Wilmot Wellfield Pipe Gallery	10-Feb-16	855 Read Drive	8	8.8
P16022027	Summerside Firehall (Station #1)	23-Feb-16	251 Foundry Street	6	4.0
P16022028	ADL	23-Feb-16	79 Water Street	6	4.4
P16022033	Wilmot Wellfield Pipe Gallery	23-Feb-16	855 Read Drive	8	6.4
P160308032	Summerside Firehall (Station #1)	8-Mar-16	251 Foundry Street	6	4.4
P160308033	ADL	8-Mar-16	79 Water Street	6	5.0
P160308038	Wilmot Wellfield Pipe Gallery	8-Mar-16	855 Read Drive	8	6.3
P160322014	Summerside Firehall (Station #1)	22-Mar-16	251 Foundry Street	6	4.9
P160322015	ADL	22-Mar-16	79 Water Street	6	6.8
P160322020	Wilmot Wellfield Pipe Gallery	22-Mar-16	855 Read Drive	8	6.2
P160419045	Summerside Firehall (Station #1)	19-Apr-16	251 Foundry Street	6	4.7
P160419046	ADL	19-Apr-16	79 Water Street	6	5.4
P160419051	Wilmot Wellfield Pipe Gallery	19-Apr-16	855 Read Drive	8	7.0
P160503058	Summerside Firehall (Station #1)	3-May-16	251 Foundry Street	6	4.0
P160503059	ADL	3-May-16	79 Water Street	7	4.6
P160503064	Wilmot Wellfield Pipe Gallery	3-May-16	855 Read Drive	8	6.5
P160517080	Summerside Firehall (Station #1)	17-May-16	251 Foundry Street	6	4.9
P160517081	ADL	17-May-16	79 Water Street	7	5.2
P160517082	Wilmot Wellfield Pipe Gallery	17-May-16	855 Read Drive	8	6.9
P160531076	Summerside Firehall (Station #1)	31-May-16	251 Foundry Street	6	4.2
P160531077	ADL	31-May-16	79 Water Street	7	5.2
P160531082	Wilmot Wellfield Pipe Gallery	31-May-16	855 Read Drive	8	6.8
P160614075	Summerside Firehall (Station #1)	14-Jun-16	251 Foundry Street	6	4.6
P160614074	ADL	14-Jun-16	79 Water Street	7	5.3
P160614069	Wilmot Wellfield Pipe Gallery	14-Jun-16	855 Read Drive	8	6.8
P160628089	Summerside Firehall (Station #1)	28-Jun-16	251 Foundry Street	6	5.9
P160628090	ADL	28-Jun-16	79 Water Street	7	7.4
P160628095	Wilmot Wellfield Pipe Gallery	28-Jun-16	855 Read Drive	8	6.5
P160712078	Summerside Firehall (Station #1)	12-Jul-16	251 Foundry Street	6	N/A
P160712077	ADL	12-Jul-16	79 Water Street	7	5.0
P160712072	Wilmot Wellfield Pipe Gallery	12-Jul-16	855 Read Drive	8	5.9
P160726069	Summerside Firehall (Station #1)	26-Jul-16	251 Foundry Street	6	5.1
P160726070	ADL	26-Jul-16	79 Water Street	7	5.5
P160726063	Wilmot Wellfield Pipe Gallery	26-Jul-16	855 Read Drive	8	9.0
P160809072	Summerside Firehall (Station #1)	9-Aug-16	251 Foundry Street	6	5.1

# Summerside

## 2016 Nitrate Monitoring Test Results

**Guideline to Nitrate Analysis:**  
**Units for Nitrate are mg/L**  
**Nitrate Maximum Allowable Concentration is 10.0 ppm.**

Sample ID	Location	Date	Address	City Sample Zone	Nitrate
P160809073	ADL	9-Aug-16	79 Water Street	6	4.5
P160809078	Wilmot Wellfield Pipe Gallery	9-Aug-16	855 Read Drive	8	5.8
P160823052	Summerside Firehall (Station #1)	23-Aug-16	251 Foundry Street	6	6.3
P160823053	ADL	23-Aug-16	79 Water Street	6	4.8
P160823058	Wilmot Wellfield Pipe Gallery	23-Aug-16	855 Read Drive	8	6.1
P160906022	Summerside Firehall (Station #1)	6-Sep-16	251 Foundry Street	6	6.1
P160906023	ADL	6-Sep-16	79 Water Street	6	4.8
P160906028	Wilmot Wellfield Pipe Gallery	6-Sep-16	855 Read Drive	8	6.0
P160920066	Summerside Firehall (Station #1)	20-Sep-16	251 Foundry Street	6	4.8
P160920067	ADL	20-Sep-16	79 Water Street	6	4.8
P160920072	Wilmot Wellfield Pipe Gallery	20-Sep-16	855 Read Drive	8	6.1
P161004066	Summerside Firehall (Station #1)	4-Oct-16	251 Foundry Street	6	6.0
P161004067	ADL	4-Oct-16	79 Water Street	6	3.9
P161004072	Wilmot Wellfield Pipe Gallery	4-Oct-16	855 Read Drive	8	5.8
P161018072	Summerside Firehall (Station #1)	18-Oct-16	251 Foundry Street	6	5.0
P161018073	ADL	18-Oct-16	79 Water Street	6	4.8
P161018078	Wilmot Wellfield Pipe Gallery	18-Oct-16	855 Read Drive	8	6.0
P161101055	Summerside Firehall (Station #1)	1-Nov-16	251 Foundry Street	6	3.6
P161101056	ADL	1-Nov-16	79 Water Street	6	5.0
P161101061	Wilmot Wellfield Pipe Gallery	1-Nov-16	855 Read Drive	8	6.2
P161115057	Summerside Firehall (Station #1)	15-Nov-16	251 Foundry Street	6	5.7
P161115058	ADL	15-Nov-16	79 Water Street	6	5.4
P161115063	Wilmot Wellfield Pipe Gallery	15-Nov-16	855 Read Drive	8	6.1
P161129028	Summerside Firehall (Station #1)	29-Nov-16	251 Foundry Street	6	6.1
P161129029	ADL	29-Nov-16	79 Water Street	6	5.8
P161129034	Wilmot Wellfield Pipe Gallery	29-Nov-16	855 Read Drive	8	6.2
P161213042	Summerside Firehall (Station #1)	13-Dec-16	251 Foundry Street	6	4.1
P161213043	ADL	13-Dec-16	79 Water Street	6	4.4
P161213047	Wilmot Wellfield Pipe Gallery	13-Dec-16	855 Read Drive	8	6.4
P161228022	Summerside Firehall (Station #1)	28-Dec-16	251 Foundry Street	6	3.1
P161228023	ADL	28-Dec-16	79 Water Street	6	4.8
P161228027	Wilmot Wellfield Pipe Gallery	28-Dec-16	855 Read Drive	8	5.5

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 1	P160106073	St. Eleanor's Community Center (Kitchen Sink)	6-Jan-16	1 West Drive	1	0.83	0	0	0
No. 2	P160106074	Illsley's Feed Store (Bathroom Sink)	6-Jan-16	61 Mill Cr.	2	0.43	0	0	0
No. 3	P160106075	Summerset Manor (Sink off #2 Water Softner)	6-Jan-16	15 Frank Mellish St	3	0.10	0	0	0
No. 4	P160106076	Lions Club Senior Housing (Common Room Sink)	6-Jan-16	326 Brophy St	4	0.44	0	0	0
No. 5	P160106077	Summerside Firehall (Station #1)	6-Jan-16	251 Foundry Street	5	0.40	0	0	0
No. 6	P160106078	ADL Plant	6-Jan-16	79 Water street	6	0.42	0	0	0
No. 7	P160106079	Bens Bakery Outlet Store (Bathroom Sink)	6-Jan-16	686 Water Street East	7	0.63	0	0	0
No. 8	P160106080	Tim Hortons Esso (Bakery Sink)	6-Jan-16	820 Water Street East	8	0.51	0	0	0
No. 9	P160106081	S7 Well (Well Head)	6-Jan-16	123 Walker Ave	3	0.48	0	0	0
No. 10	P160106082	S1 Well (Well Head)	6-Jan-16	411 Northmarket St	6	0.60	0	0	0
No. 11	P160106083	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	6-Jan-16	855 Read Drive	8	0.81	0	0	0
No. 12	P160106084	S10 Well (Well Head)	6-Jan-16	277 Greenwood Dr	2	0.67	0	0	0
No. 13	P160106085	SE4 (Well Head)	6-Jan-16	26 Briggs St	1	0.56	0	0	0
No. 14	P160106086	S8 Well (Well Head)	6-Jan-16	507 MacEwen Rd	3	0.88	0	0	0
No. 15	P160106087	Summerset Manor (Main Line in Meter Room)	6-Jan-16	15 Frank Mellish St	3	0.45	0	0	0
No. 16	P160120062	St. Eleanor's Community Center (Kitchen Sink)	20-Jan-16	1 West Drive	1	0.43	0	0	0
No. 17	P160120061	Illsley's Feed Store (Bathroom Sink)	20-Jan-16	61 Mill Cr.	2	0.39	0	0	0
No. 18	P160120060	Summerset Manor (Sink off #2 Water Softner)	20-Jan-16	15 Frank Mellish St	3	0.13	0	0	0
No. 19	P160120059	Lions Club Senior Housing (Common Room Sink)	20-Jan-16	326 Brophy St	4	0.72	0	0	0
No. 20	P160120058	Summerside Firehall (Station #1)	20-Jan-16	251 Foundry Street	5	0.30	0	0	0
No. 21	P160120057	ADL Plant	20-Jan-16	79 Water street	6	0.28	0	0	0
No. 22	P160120056	Bens Bakery Outlet Store (Bathroom Sink)	20-Jan-16	686 Water Street East	7	0.44	0	0	0
No. 23	P160120055	Tim Hortons Esso (Bakery Sink)	20-Jan-16	820 Water Street East	8	0.53	0	0	0
No. 24	P160120054	S7 Well (Well Head)	20-Jan-16	123 Walker Ave	3	0.54	0	0	0
No. 25	P160120053	S1 Well (Well Head)	20-Jan-16	411 Northmarket St	6	0.62	0	0	0
No. 26	P160120052	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	20-Jan-16	855 Read Drive	8	0.88	0	0	0
No. 27	P160120051	S10 Well (Well Head)	20-Jan-16	277 Greenwood Dr	2	0.86	0	0	0
No. 28	P160120050	SE4 (Well Head)	20-Jan-16	26 Briggs St	1	0.66	0	0	0
No. 29	P160120049	S8 Well (Well Head)	20-Jan-16	507 MacEwen Rd	3	0.58	0	0	0
No. 30	P160120047	Summerset Manor (Main Line in Meter Room)	20-Jan-16	15 Frank Mellish St	3	N/A	>80	0	0
No. 31	P160121007	Wilmot Wellfield (New pump, before injection point)	21-Jan-16	855 Read Drive	1	N/A	63	0	0
No. 32	P160127016	Wilmot Wellfield (New pump, before injection point)	26-Jan-16	855 Read Drive	1	N/A	11	0	0
No. 33	P160127016	Wilmot Wellfield (New pump, before injection point)	28-Jan-16	855 Read Drive	1	N/A	68	0	0
No. 34	P160129015	Wilmot Wellfield (New pump, before injection point)	29-Jan-16	855 Read Drive	1	N/A	>80	0	0
No. 35	P160201021	Wilmot Wellfield (New pump, before injection point)	1-Feb-16	855 Read Drive	1	N/A	0	0	0
No. 36	P160202051	Wilmot Wellfield (New pump, before injection point)	2-Feb-16	855 Read Drive	1	N/A	0	0	0
No. 37	P160210015	St. Eleanor's Community Center (Kitchen Sink)	10-Feb-16	1 West Drive	1	0.73	0	0	0
No. 38	P160210016	Illsley's Feed Store (Bathroom Sink)	10-Feb-16	61 Mill Cr.	2	0.74	0	0	0
No. 39	P160210017	Summerset Manor (Sink off #2 Water Softner)	10-Feb-16	15 Frank Mellish St	3	0.21	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 40	P160210018	Lions Club Senior Housing (Common Room Sink)	10-Feb-16	326 Brophy St	4	0.68	0	0	0
No. 41	P160210019	Summerside Firehall (Station #1)	10-Feb-16	251 Foundry Street	5	0.65	0	0	0
No. 42	P160210020	ADL Plant	10-Feb-16	79 Water street	6	0.58	0	0	0
No. 43	P160210021	Bens Bakery Outlet Store (Bathroom Sink)	10-Feb-16	686 Water Street East	7	0.49	0	0	0
No. 44	P160210022	Tim Hortons Esso (Bakery Sink)	10-Feb-16	820 Water Street East	8	0.53	0	0	0
No. 45	P160210023	S7 Well (Well Head)	10-Feb-16	123 Walker Ave	3	0.63	0	0	0
No. 46	P160210024	S1 Well (Well Head)	10-Feb-16	411 Northmarket St	6	0.49	0	0	0
No. 47	P160210025	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	10-Feb-16	855 Read Drive	8	0.72	0	0	0
No. 48	P160210026	S10 Well (Well Head)	10-Feb-16	277 Greenwood Dr	2	0.86	0	0	0
No. 49	P160210027	SE4 (Well Head)	10-Feb-16	26 Briggs St	1	0.76	0	0	0
No. 50	P160210028	S8 Well (Well Head)	10-Feb-16	507 MacEwen Rd	3	0.89	0	0	5
No. 51	P160210029	Summerset Manor (Main Line in Meter Room)	10-Feb-16	15 Frank Mellish St	3	0.68	0	0	0
No. 52	P160223023	St. Eleanor's Community Center (Kitchen Sink)	23-Feb-16	1 West Drive	1	0.22	0	0	0
No. 53	P160223024	Hillsley's Feed Store (Bathroom Sink)	23-Feb-16	61 Mill Cr.	2	0.22	0	0	0
No. 54	P160223025	Summerset Manor (Sink off #2 Water Softner)	23-Feb-16	15 Frank Mellish St	3	0.18	0	0	0
No. 55	P160223026	Lions Club Senior Housing (Common Room Sink)	23-Feb-16	326 Brophy St	4	0.38	0	0	0
No. 56	P160223027	Summerside Firehall (Station #1)	23-Feb-16	251 Foundry Street	5	0.42	0	0	0
No. 57	P160223028	ADL Plant	23-Feb-16	79 Water street	6	0.42	0	0	0
No. 58	P160223029	Bens Bakery Outlet Store (Bathroom Sink)	23-Feb-16	686 Water Street East	7	0.11	0	0	0
No. 59	P160223030	Tim Hortons Esso (Bakery Sink)	23-Feb-16	820 Water Street East	8	0.65	0	0	0
No. 60	P160223031	S7 Well (Well Head)	23-Feb-16	123 Walker Ave	3	0.38	0	0	0
No. 61	P160223032	S1 Well (Well Head)	23-Feb-16	411 Northmarket St	6	0.38	0	0	0
No. 62	P160223033	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	23-Feb-16	855 Read Drive	8	0.78	0	0	0
No. 63	P160223034	S10 Well (Well Head)	23-Feb-16	277 Greenwood Dr	2	0.91	0	0	0
No. 64	P160223035	SE4 (Well Head)	23-Feb-16	26 Briggs St	1	0.44	0	0	0
No. 65	P160223036	S8 Well (Well Head)	23-Feb-16	507 MacEwen Rd	3	0.63	0	0	0
No. 66	P160308028	St. Eleanor's Community Center (Kitchen Sink)	8-Mar-16	1 West Drive	1	0.49	0	0	0
No. 67	P160308029	Hillsley's Feed Store (Bathroom Sink)	8-Mar-16	61 Mill Cr.	2	0.56	0	0	0
No. 68	P160308030	Summerset Manor (Sink off #2 Water Softner)	8-Mar-16	15 Frank Mellish St	3	0.61	0	0	0
No. 69	P160308031	Lions Club Senior Housing (Common Room Sink)	8-Mar-16	326 Brophy St	4	0.44	0	0	0
No. 70	P160308032	Summerside Firehall (Station #1)	8-Mar-16	251 Foundry Street	5	0.54	0	0	0
No. 71	P160308033	ADL Plant	8-Mar-16	79 Water street	6	0.54	0	0	0
No. 72	P160308034	Bens Bakery Outlet Store (Bathroom Sink)	8-Mar-16	686 Water Street East	7	0.51	0	0	0
No. 73	P160308035	Tim Hortons Esso (Bakery Sink)	8-Mar-16	820 Water Street East	8	0.72	0	0	0
No. 74	P160308036	S7 Well (Well Head)	8-Mar-16	123 Walker Ave	3	0.62	0	0	0
No. 75	P160308037	S1 Well (Well Head)	8-Mar-16	411 Northmarket St	6	0.72	0	0	0
No. 76	P160308038	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	8-Mar-16	855 Read Drive	8	0.83	0	0	0
No. 77	P160308039	S10 Well (Well Head)	8-Mar-16	277 Greenwood Dr	2	0.71	0	0	0
No. 78	P160308040	SE4 (Well Head)	8-Mar-16	26 Briggs St	1	0.66	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 79	P160308041	S8 Well (Well Head)	8-Mar-16	507 MacEwen Rd	3	0.99	0	0	0
No. 80	P160322011	St. Eleanor's Community Center (Kitchen Sink)	22-Mar-16	1 West Drive	1	0.38	0	0	0
No. 81	P160322012	Illsley's Feed Store (Bathroom Sink)	22-Mar-16	61 Mill Cr.	2	0.51	0	0	0
No. 82	P160322013	Lions Club Senior Housing (Common Room Sink)	22-Mar-16	326 Brophy St	4	0.49	0	0	0
No. 83	P160322014	Summerside Firehall (Station #1)	22-Mar-16	251 Foundry Street	5	0.61	0	0	0
No. 84	P160322015	ADL Plant	22-Mar-16	79 Water street	6	0.62	0	0	0
No. 85	P160322016	Bens Bakery Outlet Store (Bathroom Sink)	22-Mar-16	686 Water Street East	7	0.36	0	0	0
No. 86	P160322017	Tim Hortons Esso (Bakery Sink)	22-Mar-16	820 Water Street East	8	0.41	0	0	0
No. 87	P160322018	S7 Well (Well Head)	22-Mar-16	123 Walker Ave	3	0.30	0	0	0
No. 88	P160322019	S1 Well (Well Head)	22-Mar-16	411 Northmarket St	6	0.66	0	0	0
No. 89	P160322020	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	22-Mar-16	855 Read Drive	8	0.77	0	0	0
No. 90	P160322021	S10 Well (Well Head)	22-Mar-16	277 Greenwood Dr	2	0.78	0	0	0
No. 91	P160322022	SE4 (Well Head)	22-Mar-16	26 Briggs St	1	0.79	0	0	0
No. 92	P160322023	S8 Well (Well Head)	22-Mar-16	507 MacEwen Rd	3	0.81	0	0	0
No. 93	P160322024	Summerset Manor (Main Line in Meter Room)	22-Mar-16	15 Frank Mellish St	3	0.41	0	0	0
No. 94	P160322025	Fish Plant	22-Mar-16	105 Queen Street	6	0.49	0	0	0
No. 95	P160405012	St. Eleanor's Community Center (Kitchen Sink)	5-Apr-16	1 West Drive	1	0.69	0	0	0
No. 96	P160405013	Illsley's Feed Store (Bathroom Sink)	5-Apr-16	61 Mill Cr.	2	0.14	0	0	0
No. 97	P160405014	Summerset Manor (Meter Room)	5-Apr-16	15 Frank Mellish St	3	0.53	0	0	0
No. 98	P160405015	Lions Club Senior Housing (Common Room Sink)	5-Apr-16	326 Brophy St	4	0.58	0	0	0
No. 99	P160405016	Summerside Firehall (Station #1)	5-Apr-16	251 Foundry Street	5	0.20	0	0	0
No. 100	P160405017	ADL Plant	5-Apr-16	79 Water street	6	0.50	0	0	0
No. 101	P160405018	Bens Bakery Outlet Store (Bathroom Sink)	5-Apr-16	686 Water Street East	7	0.47	0	0	0
No. 102	P160405019	Tim Hortons Esso (Bakery Sink)	5-Apr-16	820 Water Street East	8	0.54	0	0	0
No. 103	P160405020	S7 Well (Well Head)	5-Apr-16	123 Walker Ave	3	0.50	0	0	0
No. 104	P160405021	S1 Well (Well Head)	5-Apr-16	411 Northmarket St	6	0.50	0	0	0
No. 105	P160405022	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	5-Apr-16	855 Read Drive	8	0.81	0	0	0
No. 106	P160405023	S10 Well (Well Head)	5-Apr-16	277 Greenwood Dr	2	0.44	0	0	0
No. 107	P160405024	SE4 (Well Head)	5-Apr-16	26 Briggs St	1	0.70	0	0	0
No. 108	P160405025	S8 Well (Well Head)	5-Apr-16	507 MacEwen Rd	3	0.46	0	0	0
No. 109	P160415003	Arsenaults Fish Mart, Sink in front area	14-Apr-16	246 Heather Moyse Dr	6	0.23	0	0	0
No. 110	P160419041	St. Eleanor's Community Center (Kitchen Sink)	19-Apr-16	1 West Drive	1	0.82	0	0	0
No. 111	P160419042	Illsley's Feed Store (Bathroom Sink)	19-Apr-16	61 Mill Cr.	2	0.58	0	0	0
No. 112	P160419043	Summerset Manor (Meter Room)	19-Apr-16	15 Frank Mellish St	3	0.49	0	0	0
No. 113	P160419044	Lions Club Senior Housing (Common Room Sink)	19-Apr-16	326 Brophy St	4	0.67	0	0	0
No. 114	P160419045	Summerside Firehall (Station #1)	19-Apr-16	251 Foundry Street	5	0.53	0	0	0
No. 115	P160419046	ADL Plant	19-Apr-16	79 Water street	6	0.52	0	0	0
No. 116	P160419047	Bens Bakery Outlet Store (Bathroom Sink)	19-Apr-16	686 Water Street East	7	0.81	0	0	0
No. 117	P160419048	Tim Hortons Esso (Bakery Sink)	19-Apr-16	820 Water Street East	8	0.78	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 118	P160419049	S7 Well (Well Head)	19-Apr-16	123 Walker Ave	3	0.74	0	0	0
No. 119	P160419050	S1 Well (Well Head)	19-Apr-16	411 Northmarket St	6	0.91	0	0	0
No. 120	P160419051	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	19-Apr-16	855 Read Drive	8	0.99	0	0	0
No. 121	P160419052	S10 Well (Well Head)	19-Apr-16	277 Greenwood Dr	2	0.68	0	0	0
No. 122	P160419053	SE4 (Well Head)	19-Apr-16	26 Briggs St	1	0.69	0	0	0
No. 123	P160419054	S8 Well (Well Head)	19-Apr-16	507 MacEwen Rd	3	0.53	0	0	0
No. 124	P160419055	Apartment # 11	19-Apr-16	181 Carvel	5	0.64	0	0	0
No. 125	P160503054	St. Eleanor's Community Center (Kitchen Sink)	3-May-16	1 West Drive	1	0.76	0	0	0
No. 126	P160503055	Illsley's Feed Store (Bathroom Sink)	3-May-16	61 Mill Cr.	2	0.89	0	0	0
No. 127	P160503056	Summerset Manor (Meter Room)	3-May-16	15 Frank Mellish St	3	0.56	0	0	0
No. 128	P160503057	Lions Club Senior Housing (Common Room Sink)	3-May-16	326 Brophy St	4	0.81	0	0	0
No. 129	P160503058	Summerside Firehall (Station #1)	3-May-16	251 Foundry Street	5	0.44	0	0	0
No. 130	P160503059	ADL Plant	3-May-16	79 Water street	6	0.46	0	0	0
No. 131	P160503060	Bens Bakery Outlet Store (Bathroom Sink)	3-May-16	686 Water Street East	7	0.63	0	0	0
No. 132	P160503061	Tim Hortons Esso (Bakery Sink)	3-May-16	820 Water Street East	8	0.51	0	0	0
No. 133	P160503062	S7 Well (Well Head)	3-May-16	123 Walker Ave	3	0.40	0	0	0
No. 134	P160503063	S1 Well (Well Head)	3-May-16	411 Northmarket St	6	0.88	0	0	0
No. 135	P160503064	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	3-May-16	855 Read Drive	8	0.78	0	0	0
No. 136	P160503065	S10 Well (Well Head)	3-May-16	277 Greenwood Dr	2	0.68	0	0	0
No. 137	P160503066	SE4 (Well Head)	3-May-16	26 Briggs St	1	0.81	0	0	0
No. 138	P160503067	S8 Well (Well Head)	3-May-16	507 MacEwen Rd	3	0.42	0	0	0
No. 139	P160517076	St. Eleanor's Community Center (Kitchen Sink)	17-May-16	1 West Drive	1	0.77	0	0	0
No. 140	P160517077	Illsley's Feed Store (Bathroom Sink)	17-May-16	61 Mill Cr.	2	0.41	0	0	0
No. 141	P160517078	Summerset Manor (Sink off #2 Water Softner)	17-May-16	15 Frank Mellish St	3	0.19	0	0	0
No. 142	P160517079	Lions Club Senior Housing (Common Room Sink)	17-May-16	326 Brophy St	4	0.61	0	0	0
No. 143	P160517080	Summerside Firehall (Station #1)	17-May-16	251 Foundry Street	5	0.66	0	0	0
No. 144	P160517081	ADL Plant	17-May-16	79 Water street	6	0.62	0	0	0
No. 145	P160517082	Bens Bakery Outlet Store (Bathroom Sink)	17-May-16	686 Water Street East	7	0.47	0	0	0
No. 146	P160517083	Tim Hortons Esso (Bakery Sink)	17-May-16	820 Water Street East	8	0.37	0	0	0
No. 147	P160517084	S7 Well (Well Head)	17-May-16	123 Walker Ave	3	0.69	0	0	0
No. 148	P160517085	S1 Well (Well Head)	17-May-16	411 Northmarket St	6	0.56	0	0	0
No. 149	P160517086	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	17-May-16	855 Read Drive	8	0.78	0	0	0
No. 150	P160517087	S10 Well (Well Head)	17-May-16	277 Greenwood Dr	2	0.43	0	0	0
No. 151	P160517088	SE4 (Well Head)	17-May-16	26 Briggs St	1	0.78	0	0	0
No. 152	P160517089	Summerset Manor (Meter Room)	17-May-16	15 Frank Mellish St	3	0.52	0	0	0
No. 153	P160531071	St. Eleanor's Community Center (Kitchen Sink)	31-May-16	1 West Drive	1	0.91	0	0	0
No. 154	P160531073	Illsley's Feed Store (Bathroom Sink)	31-May-16	61 Mill Cr.	2	0.90	0	0	0
No. 155	P160531074	Summerset Manor (Sink off #2 Water Softner)	31-May-16	15 Frank Mellish St	3	0.49	0	0	0
No. 156	P160531075	Lions Club Senior Housing (Common Room Sink)	31-May-16	326 Brophy St	4	0.68	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 157	P160531076	Summerside Firehall (Station #1)	31-May-16	251 Foundry Street	5	0.38	0	0	0
No. 158	P160531077	ADL Plant	31-May-16	79 Water street	6	0.62	0	0	0
No. 159	P160531078	Bens Bakery Outlet Store (Bathroom Sink)	31-May-16	686 Water Street East	7	0.42	0	0	0
No. 160	P160531079	Tim Hortons Esso (Bakery Sink)	31-May-16	820 Water Street East	8	0.51	0	0	0
No. 161	P160531080	S7 Well (Well Head)	31-May-16	123 Walker Ave	3	0.73	0	0	0
No. 162	P160531081	S1 Well (Well Head)	31-May-16	411 Northmarket St	6	0.43	0	0	0
No. 163	P160531082	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	31-May-16	855 Read Drive	8	0.79	0	0	0
No. 164	P160531083	S10 Well (Well Head)	31-May-16	277 Greenwood Dr	2	0.57	0	0	0
No. 165	P160531084	SE4 (Well Head)	31-May-16	26 Briggs St	1	0.83	0	0	0
No. 166	P160614079	St. Eleanor's Community Center (Kitchen Sink)	14-Jun-16	1 West Drive	1	1.02	0	0	0
No. 167	P160614078	Illsley's Feed Store (Bathroom Sink)	14-Jun-16	61 Mill Cr.	2	0.91	0	0	0
No. 168	P160614077	Summerset Manor (Sink off #2 Water Softner)	14-Jun-16	15 Frank Mellish St	3	0.63	0	0	0
No. 169	P160614076	Lions Club Senior Housing (Common Room Sink)	14-Jun-16	326 Brophy St	4	1.02	0	0	0
No. 170	P160614075	Summerside Firehall (Station #1)	14-Jun-16	251 Foundry Street	5	0.67	0	0	0
No. 171	P160614074	ADL Plant	14-Jun-16	79 Water street	6	0.43	0	0	0
No. 172	P160614073	Bens Bakery Outlet Store (Bathroom Sink)	14-Jun-16	686 Water Street East	7	0.64	0	0	0
No. 173	P160614072	Tim Hortons Esso (Bakery Sink)	14-Jun-16	820 Water Street East	8	0.51	0	0	0
No. 174	P160614071	S7 Well (Well Head)	14-Jun-16	123 Walker Ave	3	0.63	0	0	0
No. 175	P160614070	S1 Well (Well Head)	14-Jun-16	411 Northmarket St	6	0.87	0	0	0
No. 176	P160614069	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	14-Jun-16	855 Read Drive	8	0.74	0	0	0
No. 177	P160614068	S10 Well (Well Head)	14-Jun-16	277 Greenwood Dr	2	0.57	0	0	0
No. 178	P160614067	SE4 (Well Head)	14-Jun-16	26 Briggs St	1	0.82	0	0	0
No. 179	P160614066	Summerset Manor (Meter Room)	14-Jun-16	15 Frank Mellish St	3	0.20	>80	0	0
No. 180	P160614065	JMK Fish Mart	14-Jun-16	40 Queen Street	6	0.30	0	0	0
No. 181	P160628085	St. Eleanor's Community Center (Kitchen Sink)	28-Jun-16	1 West Drive	1	0.45	0	0	0
No. 182	P160628086	Illsley's Feed Store (Bathroom Sink)	28-Jun-16	61 Mill Cr.	2	0.62	0	0	0
No. 183	P160628087	Summerset Manor (Sink off #2 Water Softner)	28-Jun-16	15 Frank Mellish St	3	0.51	0	0	0
No. 184	P160628088	Lions Club Senior Housing (Common Room Sink)	28-Jun-16	326 Brophy St	4	0.64	0	0	0
No. 185	P160628089	Summerside Firehall (Station #1)	28-Jun-16	251 Foundry Street	5	0.69	0	0	0
No. 186	P160628090	ADL Plant	28-Jun-16	79 Water street	6	0.55	0	0	0
No. 187	P160628091	Bens Bakery Outlet Store (Bathroom Sink)	28-Jun-16	686 Water Street East	7	0.52	0	0	0
No. 188	P160628092	Tim Hortons Esso (Bakery Sink)	28-Jun-16	820 Water Street East	8	0.58	0	0	0
No. 189	P160628093	S7 Well (Well Head)	28-Jun-16	123 Walker Ave	3	0.74	0	0	0
No. 190	P160628094	S1 Well (Well Head)	28-Jun-16	411 Northmarket St	6	0.74	0	0	0
No. 191	P160628095	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	28-Jun-16	855 Read Drive	8	0.76	0	0	0
No. 192	P160628096	S10 Well (Well Head)	28-Jun-16	277 Greenwood Dr	2	0.60	0	0	0
No. 193	P160628097	JMK Fish Mart	28-Jun-16	40 Queen Street	6	0.81	0	0	0
No. 194	P160628098	S8 Well (Sampeling After Repairs)	28-Jun-16	507 MacEwen Rd	3	Taken Befroe Cl Point	1	0	0
No. 195	P160706027	S8 Well (Sampeling After Repairs)	5-Jul-16	507 MacEwen Rd	3	Taken Befroe Cl Point	3	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 196	P160707020	S8 Well (Sampeling After Repairs)	6-Jul-16	507 MacEwen Rd	3	Taken Befroe Cl Point	5	0	0
No. 197	P160711030	S8 Well (Sampeling After Repairs)	11-Jul-16	507 MacEwen Rd	3	Taken Befroe Cl Point	0	0	0
No. 198	P160712082	St. Eleanor's Community Center (Kitchen Sink)	12-Jul-16	1 West Drive	1	0.91	0	0	0
No. 199	P160712081	Illsley's Feed Store (Bathroom Sink)	12-Jul-16	61 Mill Cr.	2	0.86	0	0	0
No. 200	P160712080	Summerset Manor (Sink off #2 Water Softner)	12-Jul-16	15 Frank Mellish St	3	0.29	0	0	0
No. 201	P160712079	Lions Club Senior Housing (Common Room Sink)	12-Jul-16	326 Brophy St	4	0.89	0	0	0
No. 202	P160712078	Summerside Firehall (Station #1)	12-Jul-16	251 Foundry Street	5	0.69	0	0	0
No. 203	P160712077	ADL Plant	12-Jul-16	79 Water street	6	0.55	0	0	0
No. 204	P160712076	Bens Bakery Outlet Store (Bathroom Sink)	12-Jul-16	686 Water Street East	7	0.46	0	0	0
No. 205	P160712075	Tim Hortons Esso (Bakery Sink)	12-Jul-16	820 Water Street East	8	0.51	0	0	0
No. 206	P160712074	S7 Well (Well Head)	12-Jul-16	123 Walker Ave	3	0.20	0	0	0
No. 207	P160712073	S1 Well (Well Head)	12-Jul-16	411 Northmarket St	6	1.09	0	0	0
No. 208	P160712072	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	12-Jul-16	855 Read Drive	8	0.67	0	0	0
No. 209	P160712071	S10 Well (Well Head)	12-Jul-16	277 Greenwood Dr	2	0.84	0	0	0
No. 210	P160712070	SE4 (Well Head)	12-Jul-16	26 Briggs St	1	0.89	0	0	0
No. 211	P160712069	S8 Well (Sampeling After Repairs)	12-Jul-16	507 MacEwen Rd	3	0.30	0	0	0
No. 212	P160720029	Sample Taken @ Kitchen Sink	19-Jul-16	3-Dale Drive	3	0.73	0	0	0
No. 213	P160726073	St. Eleanor's Community Center (Kitchen Sink)	26-Jul-16	1 West Drive	1	0.80	0	0	0
No. 214	P160726072	Illsley's Feed Store (Bathroom Sink)	26-Jul-16	61 Mill Cr.	2	0.95	0	0	0
No. 215	P160726071	Summerset Manor (Sink off #2 Water Softner)	26-Jul-16	15 Frank Mellish St	3	0.71	0	0	0
No. 216	P160726070	Lions Club Senior Housing (Common Room Sink)	26-Jul-16	326 Brophy St	4	1.03	0	0	0
No. 217	P160726069	Summerside Firehall (Station #1)	26-Jul-16	251 Foundry Street	5	0.61	>80	0	0
No. 218	P160726068	ADL Plant	26-Jul-16	79 Water street	6	0.56	0	0	0
No. 219	P160726067	Bens Bakery Outlet Store (Bathroom Sink)	26-Jul-16	686 Water Street East	7	0.48	0	0	0
No. 220	P160726066	Tim Hortons Esso (Bakery Sink)	26-Jul-16	820 Water Street East	8	0.39	0	0	0
No. 221	P160726065	S7 Well (Well Head)	26-Jul-16	123 Walker Ave	3	0.96	0	0	0
No. 222	P160726064	S1 Well (Well Head)	26-Jul-16	411 Northmarket St	6	0.77	0	0	0
No. 223	P160726063	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	26-Jul-16	855 Read Drive	8	0.85	0	0	0
No. 224	P160726062	S10 Well (Well Head)	26-Jul-16	277 Greenwood Dr	2	0.74	0	0	0
No. 225	P160726061	Summerset Manor (Sink off #2 Water Softner)	26-Jul-16	15 Frank Mellish St	3	0.73	0	0	0
No. 226	P160726060	S8 Well (Well Head)	26-Jul-16	507 MacEwen Rd	3	0.73	0	0	0
No. 227	P160726058	334 South Drive	26-Jul-16	334 South Drive	2	1.00	0	0	0
No. 228	P160728057	Summerside Firehall (Station #1)	28-Jul-16	251 Foundry Street	6	0.42	2	0	0
No. 229	P160728058	Summerside City Hall	28-Jul-16	275 Fitzroy	6	0.54	0	0	0
No. 230	P160729046	Summerside Fire Hall (Station # 1)	29-Jul-16	251 Foundry Street	6	0.66	0	0	0
No. 231	P160728058	Summerside City Hall	29-Jul-16	275 Fitzroy	6	0.60	0	0	0
No. 232	P160801028	Summerside Fire Hall (Station # 1)	1-Aug-16	251 Foundry Street	6	0.63	0	0	0
No. 233	P160802024	Summerside Fire Hall (Station # 1)	2-Aug-16	251 Foundry Street	6	0.53	0	0	0
No. 234	P160809068	St. Eleanor's Community Center (Kitchen Sink)	9-Aug-16	1 West Drive	1	0.83	0	0	0



# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 235	P160809069	Illsley's Feed Store (Bathroom Sink)	9-Aug-16	61 Mill Cr.	2	0.83	0	0	0
No. 236	P160809070	Summerset Manor (Sink off #2 Water Softner)	9-Aug-16	15 Frank Mellish St	3	0.41	0	0	0
No. 237	P160809071	Lions Club Senior Housing (Common Room Sink)	9-Aug-16	326 Brophy St	4	0.81	0	0	0
No. 238	P160809072	Summerside Firehall (Station #1)	9-Aug-16	251 Foundry Street	5	0.56	0	0	0
No. 239	P160809073	ADL Plant	9-Aug-16	79 Water street	6	0.47	0	0	0
No. 240	P160809074	Bens Bakery Outlet Store (Bathroom Sink)	9-Aug-16	686 Water Street East	7	0.60	0	0	0
No. 241	P160809075	Tim Hortons Esso (Bakery Sink)	9-Aug-16	820 Water Street East	8	0.54	0	0	0
No. 242	P160809076	S7 Well (Well Head)	9-Aug-16	123 Walker Ave	3	0.68	0	0	0
No. 243	P160809077	S1 Well (Well Head)	9-Aug-16	411 Northmarket St	6	1.02	0	0	0
No. 244	P160809078	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	9-Aug-16	855 Read Drive	8	0.63	0	0	0
No. 245	P160809079	S10 Well (Well Head)	9-Aug-16	277 Greenwood Dr	2	0.62	1	0	0
No. 246	P160809080	Sample Taken @ Kitchen Sink	9-Aug-16	3-Dale Drive	3	0.66	0	0	0
No. 247	P160809081	S8 Heritage Court Well (Well Head)	9-Aug-16	507 MacEwen Rd	3	0.98	0	0	0
No. 248	P160811022	S10 Well (Well Head)	11-Aug-16	277 Greenwood Dr	2	0.00	1	0	0
No. 249	P160816015	S10 Well (Well Head)	15-Aug-16	277 Greenwood Dr	2	0.44	0	0	0
No. 250	P160823048	St. Eleanor's Community Center (Kitchen Sink)	23-Aug-16	1 West Drive	1	0.89	0	0	0
No. 251	P160823049	Illsley's Feed Store (Bathroom Sink)	23-Aug-16	61 Mill Cr.	2	0.77	0	0	0
No. 252	P160823050	Summerset Manor (Sink off #2 Water Softner)	23-Aug-16	15 Frank Mellish St	3	0.28	0	0	0
No. 253	P160823051	Lions Club Senior Housing (Common Room Sink)	23-Aug-16	326 Brophy St	4	0.70	0	0	0
No. 254	P160823052	Summerside Firehall (Station #1)	23-Aug-16	251 Foundry Street	5	0.61	0	0	0
No. 255	P160823053	ADL Plant	23-Aug-16	79 Water street	6	0.39	0	0	0
No. 256	P160823054	Bens Bakery Outlet Store (Bathroom Sink)	23-Aug-16	686 Water Street East	7	0.57	0	0	0
No. 257	P160823055	Tim Hortons Esso (Bakery Sink)	23-Aug-16	820 Water Street East	8	0.49	0	0	0
No. 258	P160823056	S7 Well (Well Head)	23-Aug-16	123 Walker Ave	3	1.23	0	0	0
No. 259	P160823057	S1 Well (Well Head)	23-Aug-16	411 Northmarket St	6	1.47	0	0	0
No. 260	P160823058	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	23-Aug-16	855 Read Drive	8	0.57	0	0	0
No. 261	P160823059	S10 Well (Well Head)	23-Aug-16	277 Greenwood Dr	2	0.54	0	0	0
No. 262	P160823060	SE4 Briggs Street Well (Well Head)	23-Aug-16	26 Briggs Street	1	0.78	0	0	0
No. 263	P160823061	S8 Heritage Court Well (Well Head)	23-Aug-16	507 MacEwen Rd	3	0.65	0	0	0
No. 264	P160906018	St. Eleanor's Community Center (Kitchen Sink)	6-Sep-16	1 West Drive	1	0.81	0	0	0
No. 265	P160906019	Illsley's Feed Store (Bathroom Sink)	6-Sep-16	61 Mill Cr.	2	0.90	1	0	0
No. 266	P160906020	Summerset Manor (Sink off #2 Water Softner)	6-Sep-16	15 Frank Mellish St	3	0.57	0	0	0
No. 267	P160906021	Lions Club Senior Housing (Common Room Sink)	6-Sep-16	326 Brophy St	4	0.87	0	0	0
No. 268	P160906022	Summerside Firehall (Station #1)	6-Sep-16	251 Foundry Street	5	0.80	0	0	0
No. 269	P160906023	ADL Plant	6-Sep-16	79 Water street	6	0.49	0	0	0
No. 270	P160906024	Bens Bakery Outlet Store (Bathroom Sink)	6-Sep-16	686 Water Street East	7	0.37	0	0	0
No. 271	P160906025	Tim Hortons Esso (Bakery Sink)	6-Sep-16	820 Water Street East	8	0.49	0	0	0
No. 272	P160906026	S7 Well (Well Head)	6-Sep-16	123 Walker Ave	3	0.66	0	0	0
No. 273	P160906027	S1 Well (Well Head)	6-Sep-16	411 Northmarket St	6	0.74	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 274	P160906028	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	6-Sep-16	855 Read Drive	8	0.78	0	0	0
No. 275	P160906029	S10 Well (Well Head)	6-Sep-16	277 Greenwood Dr	2	0.65	0	0	0
No. 276	P160906030	SE4 Briggs Street Well (Well Head)	6-Sep-16	26 Briggs Street	1	0.88	0	0	0
No. 277	P160906031	S8 Heritage Court Well (Well Head)	6-Sep-16	507 MacEwen Rd	3	0.83	0	0	0
No. 278	P160906032	Summerset Manor (Sink off #2 Water Softner)	6-Sep-16	15 Frank Mellish St	3	0.02	0	0	0
No. 279	P160915044	Bathroom Sink	15-Sep-16	153 Harvard Street	5	0.26	>80	0	0
No. 280	P160915045	BathroomSink	15-Sep-16	176 Harvard Street	6	0.17	0	0	0
No. 281	P160915046	Kitchen Sink	15-Sep-16	217 Notre Dame	4	0.40	0	0	0
No. 282	P160915047	Upstairs Bathroom Sink	15-Sep-16	210 Notre Dame	4	0.33	0	0	0
No. 283	P160915048	Downstairs Bathroom Sink	15-Sep-16	227 Spring Street	6	0.14	>80	0	0
No. 284	P160917001	Downstairs Bathroom Sink	17-Sep-16	251 Foundry	6	0.69	0	0	0
No. 285	P160917002	Upstairs Bathroom Sink	17-Sep-16	210 Notre Dame	4	0.49	0	0	0
No. 286	P160917003	Downstairs Bathroom Sink	17-Sep-16	216 Notre Dame	4	0.36	0	0	0
No. 287	P160917004	Bathroom Sink	17-Sep-16	103 Spring Street	4	0.35	0	0	0
No. 288	P160917005	Kitchen Sink	17-Sep-16	161 Harvard Street	5	0.31	0	0	0
No. 289	P160917006	Kitchen Sink	17-Sep-16	167 Harvard Street	6	0.41	0	0	0
No. 290	P160917007	ADL Plant	17-Sep-16	79 Water Street	7	0.42	0	0	0
No. 291	P160917008	Bens Bakery Outlet Store (Bathroom Sink)	17-Sep-16	686 Water Street East	8	0.83	0	0	0
No. 292	P160920062	St. Eleanor's Community Center (Kitchen Sink)	20-Sep-16	1 West Drive	1	0.90	0	0	0
No. 293	P160920063	Hillsley's Feed Store (Bathroom Sink)	20-Sep-16	61 Mill Cr.	2	0.86	0	0	0
No. 294	P160920064	Summerset Manor (Sink off #2 Water Softner)	20-Sep-16	15 Frank Mellish St	3	0.51	0	0	0
No. 295	P160920065	Lions Club Senior Housing (Common Room Sink)	20-Sep-16	326 Brophy St	4	0.87	0	0	0
No. 296	P160920066	Summerside Firehall (Station #1)	20-Sep-16	251 Foundry Street	5	0.56	0	0	0
No. 297	P160920067	ADL Plant	20-Sep-16	79 Water street	6	0.52	0	0	0
No. 298	P160920068	Bens Bakery Outlet Store (Bathroom Sink)	20-Sep-16	686 Water Street East	7	0.63	0	0	0
No. 299	P160920069	Tim Hortons Esso (Bakery Sink)	20-Sep-16	820 Water Street East	8	0.66	0	0	0
No. 300	P160920070	S7 Well (Well Head)	20-Sep-16	123 Walker Ave	3	0.60	0	0	0
No. 301	P160920071	S1 Well (Well Head)	20-Sep-16	411 Northmarket St	6	0.72	0	0	0
No. 302	P160920072	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	20-Sep-16	855 Read Drive	8	0.77	0	0	0
No. 303	P160920073	S10 Well (Well Head)	20-Sep-16	277 Greenwood Dr	2	0.59	0	0	0
No. 304	P160920074	SE4 Briggs Street Well (Well Head)	20-Sep-16	26 Briggs Street	1	0.81	0	0	0
No. 305	P160920075	S8 Heritage Court Well (Well Head)	20-Sep-16	507 MacEwen Rd	3	0.61	0	0	0
No. 306	P161004062	St. Eleanor's Community Center (Kitchen Sink)	4-Oct-16	1 West Drive	1	0.63	0	0	0
No. 307	P161004063	Hillsley's Feed Store (Bathroom Sink)	4-Oct-16	61 Mill Cr.	2	0.70	1	0	0
No. 308	P161004064	Summerset Manor (Sink off #2 Water Softner)	4-Oct-16	15 Frank Mellish St	3	0.53	0	0	0
No. 309	P161004065	Lions Club Senior Housing (Common Room Sink)	4-Oct-16	326 Brophy St	4	0.73	0	0	0
No. 310	P161004066	Summerside Firehall (Station #1)	4-Oct-16	251 Foundry Street	5	0.70	0	0	0
No. 311	P161004067	ADL Plant	4-Oct-16	79 Water street	6	0.51	0	0	0
No. 312	P161004068	Bens Bakery Outlet Store (Bathroom Sink)	4-Oct-16	686 Water Street East	7	0.47	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 313	P161004069	Tim Hortons Esso (Bakery Sink)	4-Oct-16	820 Water Street East	8	0.53	0	0	0
No. 314	P161004070	S7 Well (Well Head)	4-Oct-16	123 Walker Ave	3	0.60	0	0	0
No. 315	P161004071	S1 Well (Well Head)	4-Oct-16	411 Northmarket St	6	0.43	0	0	0
No. 316	P161004072	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	4-Oct-16	855 Read Drive	8	0.68	0	0	0
No. 317	P161004073	S10 Well (Well Head)	4-Oct-16	277 Greenwood Dr	2	0.84	0	0	0
No. 318	P161004074	SE4 Briggs Street Well (Well Head)	4-Oct-16	26 Briggs Street	1	0.57	0	0	0
No. 319	P161004075	S8 Heritage Court Well (Well Head)	4-Oct-16	507 MacEwen Rd	3	0.53	0	0	0
No. 320	P161018068	St. Eleanor's Community Center (Kitchen Sink)	18-Oct-16	1 West Drive	1	0.88	0	0	0
No. 321	P161018069	Illsley's Feed Store (Bathroom Sink)	18-Oct-16	61 Mill Cr.	2	0.71	0	0	0
No. 322	P161018070	Summerset Manor (Sink off #2 Water Softner)	18-Oct-16	15 Frank Mellish St	3	0.51	0	0	0
No. 323	P161018071	Lions Club Senior Housing (Common Room Sink)	18-Oct-16	326 Brophy St	4	0.60	0	0	0
No. 324	P161018072	Summerside Firehall (Station #1)	18-Oct-16	251 Foundry Street	5	0.71	0	0	0
No. 325	P161018073	ADL Plant	18-Oct-16	79 Water street	6	0.51	0	0	0
No. 326	P161018074	Bens Bakery Outlet Store (Bathroom Sink)	18-Oct-16	686 Water Street East	7	0.49	0	0	0
No. 327	P161018075	Tim Hortons Esso (Bakery Sink)	18-Oct-16	820 Water Street East	8	0.63	0	0	0
No. 328	P161018076	S7 Well (Well Head)	18-Oct-16	123 Walker Ave	3	0.60	0	0	0
No. 329	P161018077	S1 Well (Well Head)	18-Oct-16	411 Northmarket St	6	0.77	0	0	0
No. 330	P161018078	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	18-Oct-16	855 Read Drive	8	0.78	0	0	0
No. 331	P161018079	S10 Well (Well Head)	18-Oct-16	277 Greenwood Dr	2	0.87	0	0	0
No. 332	P161018080	SE4 Briggs Street Well (Well Head)	18-Oct-16	26 Briggs Street	1	0.81	0	0	0
No. 333	P161018081	S8 Heritage Court Well (Well Head)	18-Oct-16	507 MacEwen Rd	3	0.53	0	0	0
No. 334	P161101051	St. Eleanor's Community Center (Kitchen Sink)	1-Nov-16	1 West Drive	1	0.48	0	0	0
No. 335	P161101052	Illsley's Feed Store (Bathroom Sink)	1-Nov-16	61 Mill Cr.	2	0.49	0	0	0
No. 336	P161101053	Summerset Manor (Sink off #2 Water Softner)	1-Nov-16	15 Frank Mellish St	3	0.34	0	0	0
No. 337	P161101054	Lions Club Senior Housing (Common Room Sink)	1-Nov-16	326 Brophy St	4	0.20	0	0	0
No. 338	P161101055	Summerside Firehall (Station #1)	1-Nov-16	251 Foundry Street	5	0.47	0	0	0
No. 339	P161101056	ADL Plant	1-Nov-16	79 Water street	6	0.42	0	0	0
No. 340	P161101057	Bens Bakery Outlet Store (Bathroom Sink)	1-Nov-16	686 Water Street East	7	0.56	0	0	0
No. 341	P161101058	Tim Hortons Esso (Bakery Sink)	1-Nov-16	820 Water Street East	8	0.61	0	0	0
No. 342	P161101059	S7 Well (Well Head)	1-Nov-16	123 Walker Ave	3	0.51	0	0	0
No. 343	P161101060	S1 Well (Well Head)	1-Nov-16	411 Northmarket St	6	0.79	0	0	0
No. 344	P161101061	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	1-Nov-16	855 Read Drive	8	0.71	0	0	0
No. 345	P161101062	S10 Well (Well Head)	1-Nov-16	277 Greenwood Dr	2	0.92	2	0	0
No. 346	P161101063	SE4 Briggs Street Well (Well Head)	1-Nov-16	26 Briggs Street	1	0.80	0	0	0
No. 347	P161101064	S8 Heritage Court Well (Well Head)	1-Nov-16	507 MacEwen Rd	3	0.53	0	0	0
No. 348	P161101066	Summerside Port Corporation	1-Nov-16	162 Heather Moase	6	0.13	0	0	0
No. 349	P161115053	St. Eleanor's Community Center (Kitchen Sink)	15-Nov-16	1 West Drive	1	0.88	0	0	0
No. 350	P161115054	Illsley's Feed Store (Bathroom Sink)	15-Nov-16	61 Mill Cr.	2	0.71	0	0	0
No. 351	P161115055	Summerset Manor (Sink off #2 Water Softner)	15-Nov-16	15 Frank Mellish St	3	0.55	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

## 2016 Microbiology Test Results

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 352	P161115056	Lions Club Senior Housing (Common Room Sink)	15-Nov-16	326 Brophy St	4	0.83	0	0	0
No. 353	P161115057	Summerside Firehall (Station #1)	15-Nov-16	251 Foundry Street	5	0.66	0	0	0
No. 354	P161115058	ADL Plant	15-Nov-16	79 Water street	6	0.64	0	0	0
No. 355	P161115059	Bens Bakery Outlet Store (Bathroom Sink)	15-Nov-16	686 Water Street East	7	0.55	0	0	0
No. 356	P161115060	Tim Hortons Esso (Bakery Sink)	15-Nov-16	820 Water Street East	8	0.61	0	0	0
No. 357	P161115061	S7 Well (Well Head)	15-Nov-16	123 Walker Ave	3	0.65	0	0	0
No. 358	P161115062	S1 Well (Well Head)	15-Nov-16	411 Northmarket St	6	0.59	0	0	0
No. 359	P161115063	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	15-Nov-16	855 Read Drive	8	0.71	0	0	0
No. 360	P161115064	S10 Well (Well Head)	15-Nov-16	277 Greenwood Dr	2	0.82	0	0	0
No. 361	P161115065	SE4 Briggs Street Well (Well Head)	15-Nov-16	26 Briggs Street	1	0.86	0	0	0
No. 362	P161115066	S8 Heritage Court Well (Well Head)	15-Nov-16	507 MacEwen Rd	3	0.65	0	0	0
No. 363	P161129024	St. Eleanor's Community Center (Kitchen Sink)	29-Nov-16	1 West Drive	1	0.33	0	0	0
No. 364	P161129025	Hillsley's Feed Store (Bathroom Sink)	29-Nov-16	61 Mill Cr.	2	0.55	0	0	0
No. 365	P161129038	Summerset Manor	29-Nov-16	15 Frank Mellish St	3	0.48	0	0	0
No. 366	P161129027	Lions Club Senior Housing (Common Room Sink)	29-Nov-16	326 Brophy St	4	0.64	0	0	0
No. 367	P161129028	Summerside Firehall (Station #1)	29-Nov-16	251 Foundry Street	5	0.59	0	0	0
No. 368	P161129029	ADL Plant	29-Nov-16	79 Water street	6	0.60	0	0	0
No. 369	P161129030	Bens Bakery Outlet Store (Bathroom Sink)	29-Nov-16	686 Water Street East	7	0.52	0	0	0
No. 370	P161129031	Tim Hortons Esso (Bakery Sink)	29-Nov-16	820 Water Street East	8	0.66	0	0	0
No. 371	P161129032	S7 Well (Well Head)	29-Nov-16	123 Walker Ave	3	0.61	0	0	0
No. 372	P161129033	S1 Well (Well Head)	29-Nov-16	411 Northmarket St	6	0.56	0	0	0
No. 373	P161129034	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	29-Nov-16	855 Read Drive	8	0.78	0	0	0
No. 374	P161129035	S10 Well (Well Head)	29-Nov-16	277 Greenwood Dr	2	0.81	0	0	0
No. 375	P161129036	SE4 Briggs Street Well (Well Head)	29-Nov-16	26 Briggs Street	1	0.43	0	0	0
No. 376	P161129037	S8 Heritage Court Well (Well Head)	29-Nov-16	507 MacEwen Rd	3	0.52	0	0	0
No. 377	P161129039	Wilmot Well Field (Well #2 at Well)	29-Nov-16	North Drive (North)	8	0.61	0	0	0
No. 378	P161129040	Wilmot Well Field (Well #3 at Well)	29-Nov-16	North Drive (Middle)	8	0.70	0	0	0
No. 379	P161129041	Wilmot Well Field (Well #4 at Well)	29-Nov-16	North Drive (South)	8	0.64	0	0	0
No. 380	P161113038	St. Eleanor's Community Center (Kitchen Sink)	13-Dec-16	1 West Drive	1	0.80	0	0	0
No. 381	P161113039	Hillsley's Feed Store (Bathroom Sink)	13-Dec-16	61 Mill Cr.	2	0.51	0	0	0
No. 382	P161113041	Lions Club Senior Housing (Common Room Sink)	13-Dec-16	326 Brophy St	4	0.46	0	0	0
No. 383	P161113042	Summerside Firehall (Station #1)	13-Dec-16	251 Foundry Street	5	0.44	0	0	0
No. 384	P161113043	ADL Plant	13-Dec-16	79 Water street	6	0.48	0	0	0
No. 385	P161113044	Bens Bakery Outlet Store (Bathroom Sink)	13-Dec-16	686 Water Street East	7	0.53	0	0	0
No. 386	P161113045	Tim Hortons Esso (Bakery Sink)	13-Dec-16	820 Water Street East	8	0.47	0	0	0
No. 387	P161113046	S1 Well (Well Head)	13-Dec-16	411 Northmarket St	6	0.72	0	0	0
No. 388	P161113047	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	13-Dec-16	855 Read Drive	8	0.73	0	0	0
No. 389	P161113048	S10 Well (Well Head)	13-Dec-16	277 Greenwood Dr	2	0.79	0	0	0
No. 390	P161113049	SE4 Briggs Street Well (Well Head)	13-Dec-16	26 Briggs Street	1	0.68	0	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times  
 E. Coli. Bacteria Colony Count - required to be 0. If non-zero count is present water is deemed unfit for human consumption.  
 Total Coliforms Bacteria Colony Count - If 10 or less bacteria is present but not sufficient to regard water unfit for drinking. Water must be re-tested.  
 Background Growth Bacteria Colony Count - Must be below 200 at all times

**2016 Microbiology Test Results**

Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 391 P161113050	S8 Heritage Court Well (Well Head)	13-Dec-16	507 MacEwen Rd	3	0.77	0	0	0
No. 392 P161113051	Summerset Manor (Sink off #2 Water Softner)	13-Dec-16	15 Frank Mellish St	3	0.46	0	0	0
No. 393 P161228018	St. Eleanor's Community Center (Kitchen Sink)	28-Dec-16	1 West Drive	1	0.63	0	0	0
No. 394 P161228019	Hillsley's Feed Store (Bathroom Sink)	28-Dec-16	61 Mill Cr.	2	0.74	0	0	0
No. 395 P161228020	Summerset Manor (Sink off #2 Water Softner)	28-Dec-16	15 Frank Mellish St	3	0.47	0	0	0
No. 396 P161228021	Lions Club Senior Housing (Common Room Sink)	28-Dec-16	326 Brophy St	4	0.92	0	0	0
No. 397 P161228022	Summerside Firehall (Station #1)	28-Dec-16	251 Foundry Street	5	0.44	0	0	0
No. 398 P161228023	ADL Plant	28-Dec-16	79 Water street	6	0.46	0	0	0
No. 399 P161228024	Bens Bakery Outlet Store (Bathroom Sink)	28-Dec-16	686 Water Street East	7	0.53	0	0	0
No. 400 P161228025	Tim Hortons Esso (Bakery Sink)	28-Dec-16	820 Water Street East	8	0.57	0	0	0
No. 401 P161228026	S1 Well (Well Head)	28-Dec-16	411 Northmarket St	6	0.93	0	0	0
No. 402 P161228027	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	28-Dec-16	855 Read Drive	8	0.78	0	0	0
No. 403 P161228028	S10 Well (Well Head)	28-Dec-16	277 Greenwood Dr	2	0.73	0	0	0
No. 404 P161228029	SE4 Briggs Street Well (Well Head)	28-Dec-16	26 Briggs Street	1	0.68	0	0	0
No. 405 P161228030	Summerset Manor (Sink off #2 Water Softner)	28-Dec-16	15 Frank Mellish St	3	0.68	0	0	0



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P160106078	P160120057	P160210020	P16022028	P160308033
Sample ID				ADL Plant	ADL Plant	ADL Plant	ADL Plant	ADL Plant
Location				6-Jan-16	20-Jan-16	10-Feb-16	23-Feb-16	8-Mar-16
Date				79 Water Street	79 Water Street	79 Water Street	79 Water Street	79 Water Street
Address			Units	6	6	6	6	6
City Sample Zone								
pH for Water	NA	6.5 to 8.5	pH	7.9	8.0	7.7	7.9	7.7
Alkalinity (ppm of CaCO3)	NA	NA	mg/L	145	140	144	140	137
Chloride	NA	250.0	mg/L	57.5	80.9	111.1	70.6	63.2
Barium dis	1	0	mg/L	0.542	0.430	0.462	0.512	0.502
Calcium dis	NA	NA	mg/L	78.56	85.58	99.28	83.01	83.34
Potassium dis	NA	NA	mg/L	0.83	0.88	1.06	0.96	0.81
Copper dis	NA	1	mg/L	0.019	0.022	0.024	0.019	0.017
Iron dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009
Magnesium dis	NA	NA	mg/L	2.14	2.01	2.13	2.08	2.10
Manganese dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Phosphorus dis	NA	NA	mg/L	0.02	0.02	0.02	0.03	0.03
Sodium dis	NA	200.0	mg/L	19.06	26.65	35.90	23.97	21.15
Sulfate calc from S dis	NA	500	mg/L	10.88	12.25	12.87	11.7	10.69
Lead dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Zinc dis	NA	5	mg/L	<0.006	<0.006	<0.006	0.006	<0.006
Hardness	NA	NA	mg/L	205	221.9	256.7	215.8	216.8
Arsenic dis	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Nitrate	10	NA	mg/L	4.5	4.5	4.1	4.4	5.0
Selenium	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Uranium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P160322015	P160404026	P160404027	P160404028
Sample ID				ADL Plant	Kitchen Sink	Kitchen Sink	Boiler Room Tap
Location				22-Mar-16	4-Apr-16	4-Apr-16	4-Apr-16
Date				79 Water Street	385 Beaver Street	175 Belmont Street	105 Queens Warf
Address							
City Sample Zone			Units	6	4	4	6
pH for Water	NA	6.5 to 8.5	pH	7.9	8.2	8.0	8.0
Alkalinity (ppm of CaCO3)	NA	NA	mg/L	124	129	130	148
Chloride	NA	250.0	mg/L	24.5	90.4	71.7	134.4
Barium dis	1	0	mg/L	0.390	0.350	0.392	0.675
Calcium dis	NA	NA	mg/L	72.50	81.39	80.46	103.70
Potassium dis	NA	NA	mg/L	0.80	0.96	0.87	1.21
Copper dis	NA	1	mg/L	0.017	0.009	0.019	<0.005
Iron dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009
Magnesium dis	NA	NA	mg/L	1.66	2.02	2.05	2.96
Manganese dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003
Phosphorus dis	NA	NA	mg/L	0.03	0.03	0.03	0.02
Sodium dis	NA	200.0	mg/L	10.00	32.41	24.43	45.18
Sulfate calc from S dis	NA	500	mg/L	10.73	13.95	12.13	15.39
Lead dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002
Zinc dis	NA	5	mg/L	<0.006	<0.006	0.006	<0.006
Hardness	NA	NA	mg/L	187.9	211.5	209.3	271.1
Arsenic dis	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004
Nitrate	10	NA	mg/L	6.8	5.3	5.0	4.0
Selenium	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004
Uranium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P160404029	P160404030	P160404031	P160404032	P160404033
Sample ID				Bathroom Sink	S1 Well Head	SE4	S10	S7
Location				4-Apr-16	4-Apr-16	4-Apr-16	4-Apr-16	4-Apr-16
Date				24 Spring Street	411 North Market St	26 Briggs St	277 Greenwood Dr	123 Walker Ave
Address			Units	6	6	1	2	3
City Sample Zone	NA	6.5 to 8.5	pH	8.0	7.8	8.0	7.7	7.8
pH for Water	NA	NA	mg/L	126	159	128	166	169
Alkalinity (ppm of CaCO3)	NA	250.0	mg/L	91.3	146.4	100.6	120.1	236.4
Chloride	1	0	mg/L	0.417	0.858	0.249	0.169	0.761
Barium dis	NA	NA	mg/L	82.68	107.10	83.67	94.03	125.60
Calcium dis	NA	NA	mg/L	1.00	1.36	1.04	1.34	1.36
Potassium dis	NA	1	mg/L	0.036	0.01	<0.005	<0.005	<0.005
Copper dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009
Iron dis	NA	NA	mg/L	1.93	3.54	1.94	2.52	3.89
Magnesium dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Manganese dis	NA	NA	mg/L	<0.02	<0.02	0.04	0.04	0.02
Phosphorus dis	NA	200.0	mg/L	33.47	47.90	37.09	45.23	77.39
Sodium dis	NA	500	mg/L	14.60	16.41	15.39	13.99	19.37
Sulfate calc from S dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	0.002	<0.002
Lead dis	NA	5	mg/L	0.015	0.007	0.009	0.008	0.012
Zinc dis	NA	NA	mg/L	214.4	282	216.9	245.2	329.6
Hardness	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Arsenic dis	10	NA	mg/L	5.5	3.2	5.7	2.8	3.7
Nitrate	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Selenium	0.02	NA	mg/L	<0.003	0.003	<0.003	0.003	<0.003
Uranium								





**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P160404034	P160404035	P160404036	P160404037	P160404038
Sample ID				S8	ADL Plant	W1	W2	W3
Location				4-Apr-16	4-Apr-16	4-Apr-16	4-Apr-16	4-Apr-16
Date				507 MacEwen Rd	79 Water St	855 Read Drive	855 Read Drive	855 Read Drive
Address			Units	3	6	8	8	8
City Sample Zone								
pH for Water	NA	6.5 to 8.5	pH	8.3	8.1	8.0	8.0	8.0
Alkalinity (ppm of CaCO3)	NA	NA	mg/L	151	140	123	124	123
Chloride	NA	250.0	mg/L	51.3	66.1	16.6	16.8	16.5
Barium dis	1	0	mg/L	0.762	0.475	0.361	0.362	0.359
Calcium dis	NA	NA	mg/L	74.63	76.63	59.22	60.58	62.02
Potassium dis	NA	NA	mg/L	0.77	0.87	0.67	0.67	0.67
Copper dis	NA	1	mg/L	<0.005	0.018	<0.005	<0.005	<0.005
Iron dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009
Magnesium dis	NA	NA	mg/L	1.94	2.03	1.51	1.50	1.48
Manganese dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Phosphorus dis	NA	NA	mg/L	0.03	0.03	0.04	0.04	0.04
Sodium dis	NA	200.0	mg/L	15.85	23.61	7.79	7.87	7.75
Sulfate calc from S dis	NA	500	mg/L	8.57	11.98	10.06	10.02	9.91
Lead dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Zinc dis	NA	5	mg/L	0.006	0.006	<0.006	<0.006	<0.006
Hardness	NA	NA	mg/L	194.3	199.7	154.1	157.4	161
Arsenic dis	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Nitrate	10	NA	mg/L	2.6	5.2	6.5	6.4	6.5
Selenium	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Uranium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P160404039	P160419046	P160503059	P160517081	P160531077
Sample ID								
Location				W4	ADL Plant	ADL Plant	ADL Plant	ADL Plant
Date				4-Apr-16	19-Apr-16	3-May-16	17-May-16	31-May-16
Address				855 Read Drive	79 Water Street	79 Water Street	79 Water Street	79 Water Street
City Sample Zone			Units	8	6	6	6	6
pH for Water	NA	6.5 to 8.5	pH	8.1	7.8	8.5	7.7	8.1
Alkalinity (ppm of CaCO3)	NA	NA	mg/L	123	127	157	152	150
Chloride	NA	250.0	mg/L	16.8	74.1	89.2	103.3	98.4
Barium dis	1	0	mg/L	0.370	0.467	0.543	0.388	0.380
Calcium dis	NA	NA	mg/L	59.65	83.99	91.04	85.73	86.96
Potassium dis	NA	NA	mg/L	0.67	0.97	1.02	0.98	1.02
Copper dis	NA	1	mg/L	<0.005	0.018	0.030	0.023	0.023
Iron dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009
Magnesium dis	NA	NA	mg/L	1.51	2.33	2.53	2.12	2.31
Manganese dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Phosphorus dis	NA	NA	mg/L	0.04	0.03	0.02	0.03	0.03
Sodium dis	NA	200.0	mg/L	7.78	24.31	30.85	34.85	35.15
Sulfate calc from S dis	NA	500	mg/L	10.10	12.45	12.96	14.43	13.81
Lead dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Zinc dis	NA	5	mg/L	<0.006	<0.006	<0.006	<0.006	<0.006
Hardness	NA	NA	mg/L	155.2	219.3	237.7	222.8	226.7
Arsenic dis	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Nitrate	10	NA	mg/L	6.6	5.4	4.6	5.2	5.2
Selenium	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Uranium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P160614074	P160628090	P160712077	P160726068	P160809073
Sample ID				ADL Plant	ADL Plant	ADL Plant	ADL Plant	ADL Plant
Location				14-Jun-16	28-Jun-16	12-Jul-16	26-Jul-16	9-Aug-16
Date				79 Water Street	79 Water Street	79 Water Street	79 Water Street	79 Water Street
Address			Units	6	6	6	6	6
City Sample Zone	NA	6.5 to 8.5	pH	7.8	8.1	7.7	7.7	7.6
pH for Water	NA	NA	mg/L	148	129	141	146	144
Alkalinity (ppm of CaCO3)	NA	250.0	mg/L	95.9	29.7	102.4	114.8	101.6
Chloride	1	0	mg/L	0.549	0.416	0.472	0.541	0.551
Barium dis	NA	NA	mg/L	90.65	72.16	90.71	96.25	90.89
Calcium dis	NA	NA	mg/L	1.08	0.75	1.06	1.08	1.02
Potassium dis	NA	1	mg/L	0.023	0.017	0.018	0.019	0.025
Copper dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009
Iron dis	NA	NA	mg/L	2.47	1.81	2.53	2.61	2.50
Magnesium dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Manganese dis	NA	NA	mg/L	0.02	0.03	0.02	0.03	0.02
Phosphorus dis	NA	200.0	mg/L	31.82	11.60	34.90	37.08	32.09
Sodium dis	NA	500	mg/L	13.61	11.43	14.83	15.40	13.60
Sulfate calc from S dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Lead dis	NA	5	mg/L	<0.006	<0.006	<0.006	<0.006	<0.006
Zinc dis	NA	NA	mg/L	236.5	187.6	236.9	251.1	237.2
Hardness	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Arsenic dis	10	NA	mg/L	5.3	7.4	5.0	5.5	4.5
Nitrate	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Selenium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Uranium								



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P160823053	P160906023	P160920067	P161004067	P161018073
Sample ID				ADL Plant	ADL Plant	ADL Plant	ADL Plant	ADL Plant
Location				23-Aug-16	6-Sep-16	20-Sep-16	4-Oct-16	18-Oct-16
Date				79 Water Street	79 Water Street	79 Water Street	79 Water Street	79 Water Street
Address			Units	6	6	6	6	6
City Sample Zone	NA	6.5 to 8.5	pH	8.0	8.0	8.0	7.6	8.5
pH for Water	NA	NA	mg/L	140	149	143	150	147
Alkalinity (ppm of CaCO3)	NA	250.0	mg/L	98.9	105.9	104.5	141.9	66.4
Chloride	1	0	mg/L	0.362	0.366	0.499	0.627	0.486
Barium dis	NA	NA	mg/L	97.06	91.40	96.17	106.30	82.04
Calcium dis	NA	NA	mg/L	1.06	0.93	1.09	1.33	0.88
Potassium dis	NA	1	mg/L	0.020	0.033	0.030	0.026	0.024
Copper dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009	<0.009
Iron dis	NA	NA	mg/L	2.38	2.12	2.69	3.39	2.20
Magnesium dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Manganese dis	NA	NA	mg/L	0.03	0.02	0.02	0.02	0.03
Phosphorus dis	NA	200.0	mg/L	34.29	34.46	35.44	46.25	22.57
Sodium dis	NA	500	mg/L	13.87	14.27	15.18	16.28	11.96
Sulfate calc from S dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Lead dis	NA	5	mg/L	<0.006	<0.006	<0.006	<0.006	<0.006
Zinc dis	NA	NA	mg/L	252.1	236.9	251.2	279.4	213.9
Hardness	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Arsenic dis	10	NA	mg/L	4.8	4.8	4.8	3.9	4.8
Nitrate	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Selenium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Uranium								



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P161101056	P161115058	P161129029	P161129032	P161129033		
Sample ID				ADL Plant	ADL Plant	ADL Plant	S7 Well	S1 Well		
Location				1-Nov-16	15-Nov-16	29-Nov-16	29-Nov-16	29-Nov-16		
Date				79 Water Street	79 Water Street	79 Water Street	123 Walker Ave	411 North Market St		
Address				Units	6	6	6	3	6	
City Sample Zone				pH	6.5 to 8.5	7.9	7.9	7.9	8.1	8.3
pH for Water	NA	6.5 to 8.5		mg/L	137	146	111	144	165	
Alkalinity (ppm of CaCO3)	NA	NA		mg/L	40.7	103.2	11.9	99.6	142.5	
Chloride	NA	250.0		mg/L	0.462	0.407	0.403	0.742	0.842	
Barium dis	1	0		mg/L	76.16	96.81	93.57	148.90	114.40	
Calcium dis	NA	NA		mg/L	0.85	1.10	1.08	1.52	1.46	
Potassium dis	NA	NA		mg/L	0.025	0.026	0.026	<0.005	0.005	
Copper dis	NA	1		mg/L	<0.009	<0.009	<0.009	<0.009	<0.009	
Iron dis	NA	0.3		mg/L	1.95	2.34	2.42	4.50	3.95	
Magnesium dis	NA	NA		mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	
Manganese dis	NA	0.05		mg/L	0.03	0.02	0.02	0.02	0.02	
Phosphorus dis	NA	NA		mg/L	14.08	35.14	33.69	78.06	48.31	
Sodium dis	NA	200.0		mg/L	11.22	15.65	14.74	19.91	16.97	
Sulfate calc from S dis	NA	500		mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	
Lead dis	0.01	NA		mg/L	<0.006	<0.006	<0.006	<0.006	<0.006	
Zinc dis	NA	5		mg/L	198.2	251.4	243.6	390.3	301.9	
Hardness	NA	NA		mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	
Arsenic dis	0.01	NA		mg/L	5.0	5.4	5.8	5.2	3.3	
Nitrate	10	NA		mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	
Selenium	0.01	NA		mg/L	<0.003	<0.003	<0.003	<0.003	0.003	
Uranium	0.02	NA		mg/L						



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P161129034	P161129035	P161129036	P161129037	P161129039
Sample ID				W1 Well	S10	SE4	S8	W2
Location				29-Nov-16	29-Nov-16	29-Nov-16	29-Nov-16	29-Nov-16
Date				411 North Market St	277 Greenwood Dr	26 Briggs St	507 MacEwen Rd	855 Read Drive
Address								
City Sample Zone			Units	8	2	1	3	8
pH for Water	NA	6.5 to 8.5	pH	8.0	8.0	8.1	8.1	8.1
Alkalinity (ppm of CaCO3)	NA	NA	mg/L	124	176	123	132	126
Chloride	NA	250.0	mg/L	16.1	172.7	71.7	40.6	15.8
Barium dis	1	0	mg/L	0.362	0.355	0.265	0.653	0.386
Calcium dis	NA	NA	mg/L	65.87	128.10	81.94	73.87	64.50
Potassium dis	NA	NA	mg/L	0.73	1.15	1.07	0.82	0.75
Copper dis	NA	1	mg/L	<0.005	<0.005	<0.005	0.006	<0.005
Iron dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009	0.010
Magnesium dis	NA	NA	mg/L	1.82	2.86	2.06	2.03	1.75
Manganese dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
Phosphorus dis	NA	NA	mg/L	0.03	0.02	0.03	0.02	0.03
Sodium dis	NA	200.0	mg/L	7.71	58.60	26.09	12.88	7.45
Sulfate calc from S dis	NA	500	mg/L	11.15	16.41	16.37	8.15	10.68
Lead dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002
Zinc dis	NA	5	mg/L	<0.006	0.158	0.036	0.110	<0.006
Hardness	NA	NA	mg/L	172.0	331.6	213.1	192.8	168.3
Arsenic dis	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Nitrate	10	NA	mg/L	6.2	3.2	6.8	2.8	6.1
Selenium	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004
Uranium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003



**2016 Horizontal Chemistry Test Results**

	Health Canada MAC	Health Canda AO		P161129040	P161129041	P161213043	P161228023
Sample ID				W3	W4	ADL Plant	ADL Plant
Location				29-Nov-16	4-Apr-16	13-Dec-16	28-Dec-16
Date				855 Read Drive	855 Read Drive	855 Read Drive	855 Read Drive
Address			Units	8	8	6	6
City Sample Zone	NA	6.5 to 8.5	pH	7.9	7.9	8.3	7.6
pH for Water	NA	NA	mg/L	125	134	143	152
Alkalinity (ppm of CaCO3)	NA	250.0	mg/L	15.9	22.3	54.8	108.8
Chloride	1	0	mg/L	0.381	0.341	0.558	0.629
Barium dis	NA	NA	mg/L	64.51	78.38	73.16	94.60
Calcium dis	NA	NA	mg/L	0.76	0.93	0.78	1.10
Potassium dis	NA	1	mg/L	<0.005	<0.005	0.022	0.008
Copper dis	NA	0.3	mg/L	<0.009	<0.009	<0.009	<0.009
Iron dis	NA	NA	mg/L	1.76	1.72	2.03	2.91
Magnesium dis	NA	0.05	mg/L	<0.003	<0.003	<0.003	<0.003
Manganese dis	NA	NA	mg/L	0.03	<0.02	0.03	<0.02
Phosphorus dis	NA	200.0	mg/L	7.67	10.15	19.26	35.13
Sodium dis	NA	500	mg/L	10.73	10.69	10.84	14.51
Sulfate calc from S dis	0.01	NA	mg/L	<0.002	<0.002	<0.002	<0.002
Lead dis	NA	5	mg/L	<0.006	0.008	<0.006	<0.006
Zinc dis	NA	NA	mg/L	168.3	202.8	191.1	248.2
Hardness	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004
Arsenic dis	10	NA	mg/L	6.2	8.3	4.4	4.8
Nitrate	0.01	NA	mg/L	<0.004	<0.004	<0.004	<0.004
Selenium	0.02	NA	mg/L	<0.003	<0.003	<0.003	<0.003
Uranium							