

# Summerside



## **WATER SYSTEM REPORT**

**2018**

**Prepared By**

**Municipal Services - City of Summerside**

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**Water System Report  
January – December, 2018  
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.

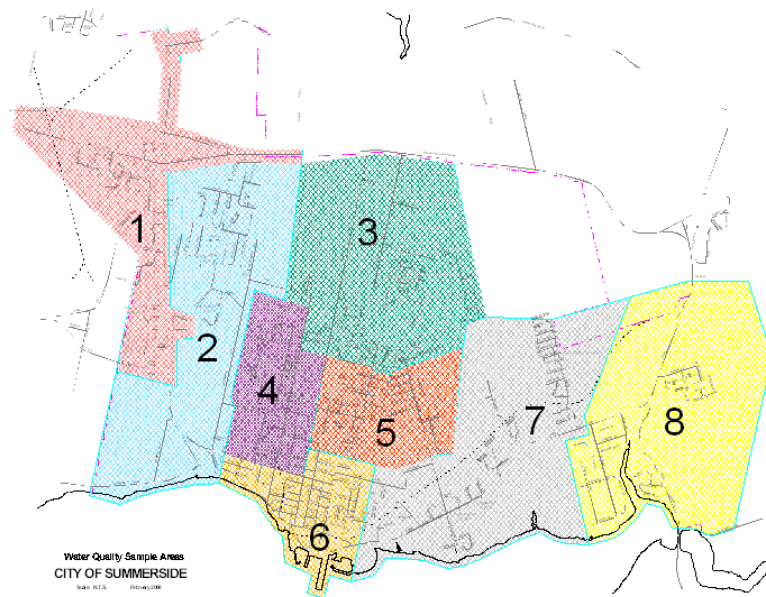
**Summary**

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 2018.

<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
SE # 1	156 South Drive	1

### 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 2018 year 401 water samples from the City of Summerside water distribution system and wells were tested for Bacteria at the P.E.I. Analytical Laboratory. Of these 401 samples, 396 were taken from the public drinking water system as regular testing. The remaining 5 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 also 13 samples which showed non-zero bacteria counts in 2018. No water was declared unfit to drink,

## 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 18, 2018 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 2017 and will be performed again in 2020. Testing in 2018 showed that all water samples from all Summerside wells are compliant with Health Canada Guidelines for healthy drinking water.

During 2018 City of Summerside staff collected 89 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 2018 from the Summerside system were within the allowable limits. The lowest Nitrate value measured for 2018 was 3.1 parts per million (ppm) and the highest value measured was 7.8 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 2018 the lowest chlorine level measured was 0.16 mg/L and the highest was 1.46 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 2018
Samples Tested for Bacteria	401
Bacteria Tests done at Customer Request	5 (100% pass rate)
Bacteria Tests with non-zero results	13
Nitrate Samples Tested	89 (100% pass rate)
General Chemistry Tests	47– 100% pass rate
Highest Nitrate Concentration	8.9 ppm (10ppm allowable maximum)
Lowest Nitrate Concentration	2.9 ppm
Sampling Areas	8
Number of Active Wells in System ( During the 2018 reporting year)	10
Highest Chlorine Residual Measured	1.46mg/L
Lowest Chlorine Residual Measured	0.16mg/L (0.1 minimum recommended)

**Table 2: Statistic Summary for Summerside 2018**

**Table 2** Summarizes statistics for the Summerside water system for 2018. Please note that 3 spreadsheets of test results (Bacteria testing, Nitrate monitoring, and General Well Chemistry) are available on the City website. 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 Municipal Services 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>

# 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**

9-Jan-18									
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 1	P180109023	St. Eleanor's Community Center (Kitchen Sink)	9-Jan-18	1 West Drive	1	0.75	0	0	0
No. 2	P180109024	Illsley's Feed Store (Bathroom Sink)	9-Jan-18	61 Mill Cr.	2	0.67	0	0	0
No. 3	P180109025	Summerset Manor	9-Jan-18	15 Frank Mellish St	3	0.69	0	0	0
No. 4	P180109026	Lions Club Senior Housing (Common Room Sink)	9-Jan-18	326 Brophy St	4	0.75	0	0	0
No. 5	P180109027	Summerside Firehall (Station #1)	9-Jan-18	251 Foundry Street	5	0.33	0	0	0
No. 6	P180109028	ADL Plant	9-Jan-18	79 Water street	6	0.62	0	0	0
No. 7	P180109029	Bens Bakery Outlet Store (Bathroom Sink)	9-Jan-18	686 Water Street East	7	0.56	0	0	0
No. 8	P180109030	Tim Hortons Esso (Bakery Sink)	9-Jan-18	820 Water Street East	8	0.72	0	0	0
No. 9	P180109031	S1 Well (Well Head)	9-Jan-18	411 Northmarket St	6	0.63	0	0	0
No. 10	P180109032	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	9-Jan-18	855 Read Drive	8	0.86	0	0	0
No. 11	P180109033	S10 Well (Well Head)	9-Jan-18	277 Greenwood Dr	2	0.88	0	0	0
No. 12	P180109034	SE4 (Well Head)	9-Jan-18	26 Briggs St	1	0.76	0	0	0
No. 13	P180109035	S8 Well (Well Head)	9-Jan-18	507 MacEwen Rd	3	0.97	0	0	0
No. 14	P180109036	Summerset Manor	9-Jan-18	15 Frank Mellish St	3	0.21	0	0	0
No. 15	P180109037	SE1	9-Jan-18	152 South Drive	1	0.97	0	0	0

24-Jan-18									
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 16	P180124029	St. Eleanor's Community Center (Kitchen Sink)	24-Jan-18	1 West Drive	1	0.74	0	0	0
No. 17	P180124030	Illsley's Feed Store (Bathroom Sink)	24-Jan-18	61 Mill Cr.	2	0.67	0	0	0
No. 18	P180124031	Summerset Manor (Sink off #2 Water Softner)	24-Jan-18	15 Frank Mellish St	3	0.49	0	0	0
No. 19	P180124032	Lions Club Senior Housing (Common Room Sink)	24-Jan-18	326 Brophy St	4	0.66	0	0	0
No. 20	P180124033	Summerside Firehall (Station #1)	24-Jan-18	251 Foundry Street	5	0.43	0	0	0
No. 21	P180124034	ADL Plant	24-Jan-18	79 Water street	6	0.59	0	0	0
No. 22	P180124035	Bens Bakery Outlet Store (Bathroom Sink)	24-Jan-18	686 Water Street East	7	0.62	0	0	0
No. 23	P180124036	Tim Hortons Esso (Bakery Sink)	24-Jan-18	820 Water Street East	8	0.68	0	0	0
No. 24	P180124037	S1 Well (Well Head)	24-Jan-18	411 Northmarket St	6	0.83	0	0	0
No. 25	P180124038	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	24-Jan-18	855 Read Drive	8	0.80	0	0	0
No. 26	P180124039	S10 Well (Well Head)	24-Jan-18	277 Greenwood Dr	2	0.87	0	0	0
No. 27	P180124040	SE4 (Well Head)	24-Jan-18	26 Briggs St	1	0.78	0	0	0
No. 28	P180124041	S8 Well (Well Head)	24-Jan-18	507 MacEwen Rd	3	0.88	0	0	0
No. 29	P180124042	SE1 Well (Well Head)	24-Jan-18	152 South Drive	1	0.93	0	0	0



# Summerside

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**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**

6-Feb-18								
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 30	P180206044	St. Eleanor's Community Center (Kitchen Sink)	6-Feb-18	1 West Drive	1	0.72	0	0
No. 31	P180206043	Illsley's Feed Store (Bathroom Sink)	6-Feb-18	61 Mill Cr.	2	0.56	0	0
No. 32	P180206042	Summerset Manor	6-Feb-18	15 Frank Mellish St	3	0.46	0	0
No. 33	P180206041	Lions Club Senior Housing (Common Room Sink)	6-Feb-18	326 Brophy St	4	0.70	0	0
No. 34	P180206040	Summerside Firehall (Station #1)	6-Feb-18	251 Foundry Street	5	0.36	0	0
No. 35	P180206039	ADL Plant	6-Feb-18	79 Water street	6	0.62	0	0
No. 36	P180206038	Bens Bakery Outlet Store (Bathroom Sink)	6-Feb-18	686 Water Street East	7	0.52	0	0
No. 37	P180206037	Tim Hortons Esso (Bakery Sink)	6-Feb-18	820 Water Street East	8	0.71	0	0
No. 38	P180206036	S1 Well (Well Head)	6-Feb-18	411 Northmarket St	6	0.67	0	0
No. 39	P180206035	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	6-Feb-18	855 Read Drive	8	0.88	0	0
No. 40	P180206034	S10 Well (Well Head)	6-Feb-18	277 Greenwood Dr	2	0.96	0	0
No. 41	P180206033	SE4 (Well Head)	6-Feb-18	26 Briggs St	1	0.68	0	0
No. 42	P180206032	S8 Well (Well Head)	6-Feb-18	507 MacEwen Rd	3	0.96	0	0
No. 43	P180206031	Summerset Manor	6-Feb-18	15 Frank Mellish St	3	0.37	0	0
No. 44	P180206030	SE1 Well (Well Head)	6-Feb-18	152 South Drive	1	0.87	0	0

23-Feb-18								
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 45	P180223032	St. Eleanor's Community Center (Kitchen Sink)	23-Feb-18	1 West Drive	1	0.83	0	0
No. 46	P180223031	Illsley's Feed Store (Bathroom Sink)	23-Feb-18	61 Mill Cr.	2	0.61	0	0
No. 47	P180223030	Summerset Manor	23-Feb-18	15 Frank Mellish St	3	0.41	0	0
No. 48	P180223029	Lions Club Senior Housing (Common Room Sink)	23-Feb-18	326 Brophy St	4	0.80	0	0
No. 49	P180223028	Summerside Firehall (Station #1)	23-Feb-18	251 Foundry Street	5	0.42	0	0
No. 50	P180223027	ADL Plant	23-Feb-18	79 Water street	6	0.62	0	0
No. 51	P180223026	Bens Bakery Outlet Store (Bathroom Sink)	23-Feb-18	686 Water Street East	7	0.60	0	0
No. 52	P180223025	Tim Hortons Esso (Bakery Sink)	23-Feb-18	820 Water Street East	8	0.71	0	0
No. 53	P180223024	S1 Well (Well Head)	23-Feb-18	411 Northmarket St	6	0.63	0	0
No. 54	P180223023	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	23-Feb-18	855 Read Drive	8	0.82	0	0
No. 55	P180223022	S10 Well (Well Head)	23-Feb-18	277 Greenwood Dr	2	0.81	0	0
No. 56	P180223021	SE4 (Well Head)	23-Feb-18	26 Briggs St	1	0.70	0	0
No. 57	P180223020	S8 Well (Well Head)	23-Feb-18	507 MacEwen Rd	3	0.85	4	0
No. 58	P180223019	SE1 Well (Well Head)	23-Feb-18	152 South Drive	1	0.83	0	0

# Summerside

Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times

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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

18-Mar-01								
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 59	P180302005	340 Argyle Street	1-Mar-18	340 Argyle Street	6	0.44	0	0

6-Mar-18								
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 60	P180306038	St. Eleanor's Community Center (Kitchen Sink)	6-Mar-18	1 West Drive	1	0.74	0	0
No. 61	P180306039	Illsley's Feed Store (Bathroom Sink)	6-Mar-18	61 Mill Cr.	2	0.68	0	0
No. 62	P180306040	Summerset Manor (Sink off #2 Water Softner)	6-Mar-18	15 Frank Mellish St	3	0.70	0	0
No. 63	P180306041	Lions Club Senior Housing (Common Room Sink)	6-Mar-18	326 Brophy St	4	0.72	0	0
No. 64	P180306042	Summerside Firehall (Station #1)	6-Mar-18	251 Foundry Street	5	0.58	0	0
No. 65	P180306043	ADL Plant	6-Mar-18	79 Water street	6	0.60	0	0
No. 66	P180306044	Bens Bakery Outlet Store (Bathroom Sink)	6-Mar-18	686 Water Street East	7	0.61	0	0
No. 67	P180306045	Tim Hortons Esso (Bakery Sink)	6-Mar-18	820 Water Street East	8	0.71	0	0
No. 68	P180306046	S1 Well (Well Head)	6-Mar-18	411 Northmarket St	6	0.75	0	0
No. 69	P180306047	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	6-Mar-18	855 Read Drive	8	0.86	0	0
No. 70	P180306048	S10 Well (Well Head)	6-Mar-18	277 Greenwood Dr	2	0.81	0	0
No. 71	P180306049	SE4 (Well Head)	6-Mar-18	26 Briggs St	1	0.76	0	0
No. 72	P180306050	S8 Well (Well Head)	6-Mar-18	507 MacEwen Road	3	0.97	0	0
No. 73	P180306051	Summerset Manor	6-Mar-18	15 Frank Mellish St	3	0.31	0	0
No. 74	P180306052	SE1 Well (Well Head)	6-Mar-18	152 South Drive	1	0.85	0	0

20-Mar-18								
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 75	P180320050	St. Eleanor's Community Center (Kitchen Sink)	20-Mar-18	1 West Drive	1	0.62	0	0
No. 76	P180320051	Illsley's Feed Store (Bathroom Sink)	20-Mar-18	61 Mill Cr.	2	0.40	0	0
No. 77	P180320052	Summerset Manor (Sink off #2 Water Softner)	20-Mar-18	15 Frank Mellish St	3	0.43	0	0
No. 78	P180320053	Lions Club Senior Housing (Common Room Sink)	20-Mar-18	326 Brophy St	4	0.84	0	0
No. 79	P180320054	Summerside Firehall (Station #1)	20-Mar-18	251 Foundry Street	5	0.28	0	0
No. 80	P180320055	ADL Plant	20-Mar-18	79 Water street	6	0.63	0	0
No. 81	P180320056	Bens Bakery Outlet Store (Bathroom Sink)	20-Mar-18	686 Water Street East	7	0.67	0	0
No. 82	P180320057	Tim Hortons Esso (Bakery Sink)	20-Mar-18	820 Water Street East	8	0.71	0	0
No. 83	P180320058	S1 Well (Well Head)	20-Mar-18	411 Northmarket St	6	0.88	0	0
No. 84	P180320059	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	20-Mar-18	855 Read Drive	8	0.83	0	0

# Summerside

**Free Chlorine Residual - Should be a minimum of 0.1 at all locations at all times**

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**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**

No.	85	P180320060	S10 Well (Well Head)	20-Mar-18	277 Greenwood Dr	2	0.79	0	0	0
No.	86	P180320061	SE4 (Well Head)	20-Mar-18	26 Briggs St	1	0.81	0	0	0
No.		P180320062	S8 Well (Well Head)	20-Mar-18	507 MacEwen Rd	3	0.88	0	0	0
No.	87	P180320063	SE1 Well (Well Head)	20-Mar-18	152 South Drive	1	0.92	0	0	0

## 3-Apr-18

Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 88	P180403031	St. Eleanor's Community Center (Kitchen Sink)	3-Apr-18	1 West Drive	1	0.87	0	0	0
No. 89	P180403032	Illsley's Feed Store (Bathroom Sink)	3-Apr-18	61 Mill Cr.	2	0.54	0	0	0
No. 90	P180403033	Summerset Manor (Sink off #2 Water Softner)	3-Apr-18	15 Frank Mellish St	3	0.48	0	0	0
No. 91	P180403034	Lions Club Senior Housing (Common Room Sink)	3-Apr-18	326 Brophy St	4	0.81	0	0	0
No. 92	P180403035	Summerside Firehall (Station #1)	3-Apr-18	251 Foundry Street	5	0.32	0	0	0
No. 93	P180403036	ADL Plant	3-Apr-18	79 Water street	6	0.69	0	0	0
No. 94	P180403037	Bens Bakery Outlet Store (Bathroom Sink)	3-Apr-18	686 Water Street East	7	0.73	0	0	0
No. 95	P180403038	Tim Hortons Esso (Bakery Sink)	3-Apr-18	820 Water Street East	8	0.77	0	0	0
No. 96	P180403039	S1 Well (Well Head)	3-Apr-18	411 Northmarket St	6	0.81	0	0	0
No. 97	P180403040	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	3-Apr-18	855 Read Drive	8	0.86	0	0	0
No. 98	P180403041	S10 Well (Well Head)	3-Apr-18	277 Greenwood Dr	2	0.91	0	0	0
No. 99	P180403042	SE4 (Well Head)	3-Apr-18	26 Briggs St	1	0.83	0	0	0
No. 100	P180403043	S8 Well (Well Head)	3-Apr-18	507 MacEwen Rd	3	0.60	0	0	0
No. 101	P180403045	SE1 (Well Head)	3-Apr-18	152 South Drive	1	0.88	0	0	0

## 17-Apr-18

Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No. 102	P180417037	St. Eleanor's Community Center (Kitchen Sink)	17-Apr-18	1 West Drive	1	0.81	0	0	0
No. 103	P180417038	Illsley's Feed Store (Bathroom Sink)	17-Apr-18	61 Mill Cr.	2	0.72	0	0	0
No. 104	P180417039	Summerset Manor (Sink off #2 Water Softner)	17-Apr-18	15 Frank Mellish St	3	0.53	0	0	0
No. 105	P180417040	Lions Club Senior Housing (Common Room Sink)	17-Apr-18	326 Brophy St	4	0.33	0	0	0
No. 106	P180417041	Summerside Firehall (Station #1)	17-Apr-18	251 Foundry Street	5	0.31	0	0	0
No. 107	P180417042	ADL Plant	17-Apr-18	79 Water street	6	0.57	0	0	0
No. 108	P180417043	Bens Bakery Outlet Store (Bathroom Sink)	17-Apr-18	686 Water Street East	7	0.61	0	0	0
No. 109	P180417044	Tim Hortons Esso (Bakery Sink)	17-Apr-18	820 Water Street East	8	0.63	0	0	0
No. 110	P180417045	S1 Well (Well Head)	17-Apr-18	411 Northmarket St	6	0.69	0	0	0
No. 111	P180417046	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	17-Apr-18	855 Read Drive	8	0.86	0	0	0
No. 112	P180417047	S10 Well (Well Head)	17-Apr-18	277 Greenwood Dr	2	0.68	0	0	0

# Summerside

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**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**

No.	113	P180417048	SE4 (Well Head)	17-Apr-18	26 Briggs St	1	0.71	0	0	0
No.	114	P180417049	S8 Well (Well Head)	17-Apr-18	507 MacEwen Rd	3	0.80	0	0	0
No.	115	P180417051	SE1 Well (Well Head)	17-Apr-18	152 South Drive	1	0.21	17	0	0
No.	116	P170418052	254 Notre Dame	17-Apr-18	254 Notre Dame	6	0.22	0	0	0

1-May-18										
No.	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	117	P180501050	St. Eleanor's Community Center (Kitchen Sink)	1-May-18	1 West Drive	1	0.43	0	0	0
No.	118	P180501051	Illsley's Feed Store (Bathroom Sink)	1-May-18	61 Mill Cr.	2	0.42	0	0	0
No.	119	P180501052	Summerset Manor (Sink off #2 Water Softner)	1-May-18	15 Frank Mellish St	3	0.43	0	0	0
No.	120	P180501053	Lions Club Senior Housing (Common Room Sink)	1-May-18	326 Brophy St	4	0.33	0	0	0
No.	121	P180501054	Summerside Firehall (Station #1)	1-May-18	251 Foundry Street	5	0.55	0	0	0
No.	122	P180501055	ADL Plant	1-May-18	79 Water street	6	0.62	0	0	0
No.	123	P180501056	Bens Bakery Outlet Store (Bathroom Sink)	1-May-18	686 Water Street East	7	0.51	0	0	0
No.	124	P180501057	Tim Hortons Esso (Bakery Sink)	1-May-18	820 Water Street East	8	0.64	0	0	0
No.	125	P180501058	S1 Well (Well Head)	1-May-18	411 Northmarket St	6	0.73	0	0	0
No.	126	P180501059	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	1-May-18	855 Read Drive	8	0.87	0	0	0
No.	127	P180501060	S10 Well (Well Head)	1-May-18	277 Greenwood Dr	2	0.93	0	0	0
No.	128	P180501061	SE4 (Well Head)	1-May-18	26 Briggs St	1	0.69	0	0	0
No.	129	P180501062	S8 Well (Well Head)	1-May-18	507 MacEwen Rd	3	0.71	0	0	0
No.	130	P180501063	152 South Drive SE #1	1-May-18	152 South Drive	1	0.70	0	0	0
No.	131	P180501064	City Hall First Floor	1-May-18	153 South Drive	5	0.26	0	0	0
No.	132	P180501065	City Hall Second Floor	1-May-18	154 South Drive	5	0.39	0	0	0
No.	133	P180501066	City Hall Third Floor	1-May-18	110 Queens Warf	5	0.22	0	0	0

15-May-18										
No.	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	134	P180515075	St. Eleanor's Community Center (Kitchen Sink)	15-May-18	1 West Drive	1	0.73	0	0	0
No.	135	P180515076	Illsley's Feed Store (Bathroom Sink)	15-May-18	61 Mill Cr.	2	0.45	0	0	0
No.	136	P180515077	Summerset Manor (Sink off #2 Water Softner)	15-May-18	15 Frank Mellish St	3	0.74	0	0	0
No.	137	P180515078	Lions Club Senior Housing (Common Room Sink)	15-May-18	326 Brophy St	4	0.50	0	0	0
No.	138	P180515079	Summerside Firehall (Station #1)	15-May-18	251 Foundry Street	5	0.33	0	0	0
No.	139	P180515080	Bens Bakery Outlet Store (Bathroom Sink)	15-May-18	686 Water Street East	7	0.56	0	0	0
No.	140	P180515081	Tim Hortons Esso (Bakery Sink)	15-May-18	820 Water Street East	8	0.60	0	0	0
No.	141	P180515082	S1 Well (Well Head)	15-May-18	411 Northmarket St	6	0.75	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**

No. 142	P180515083	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	15-May-18	855 Read Drive	8	0.83	0	0	0
No. 143	P180515084	S10 Well (Well Head)	15-May-18	277 Greenwood Dr	2	0.60	0	0	0
No. 144	P180515085	SE4 (Well Head)	15-May-18	26 Briggs St	1	0.57	0	0	0
No. 145	P180515086	S8 Well (Well Head)	15-May-18	507 MacEwen Rd	3	0.83	0	0	0
No.	P180515087	Summerset Manor (Kitchen Sink)	15-May-18	15 Frank Mellish St	3	0.65	0	0	0
No. 146	P180515088	SE #1 (Well Head)	15-May-18	152 South Drive	1	0.90	0	0	0

29-May-18									
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 147	P180529111	St. Eleanor's Community Center (Kitchen Sink)	29-May-18	1 West Drive	1	0.52	0	0	0
No. 148	P180529112	Illsley's Feed Store (Bathroom Sink)	29-May-18	61 Mill Cr.	2	0.60	0	0	0
No. 149	P180529113	Summerset Manor (Sink off #2 Water Softner)	29-May-18	15 Frank Mellish St	3	0.53	0	0	0
No. 150	P180529114	Lions Club Senior Housing (Common Room Sink)	29-May-18	326 Brophy St	4	0.57	0	0	0
No. 151	P180529115	Summerside Firehall (Station #1)	29-May-18	251 Foundry Street	5	0.21	0	0	0
No. 152	P180529116	ADL Plant	29-May-18	79 Water street	6	0.62	0	0	0
No. 153	P180529117	Bens Bakery Outlet Store (Bathroom Sink)	29-May-18	686 Water Street East	7	0.58	0	0	0
No. 154	P180529118	Tim Hortons Esso (Bakery Sink)	29-May-18	820 Water Street East	8	0.61	0	0	0
No. 155	P180529119	S1 Well (Well Head)	29-May-18	411 Northmarket St	6	0.63	0	0	0
No. 156	P180529120	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	29-May-18	855 Read Drive	8	0.86	0	0	0
No. 157	P180529121	S10 Well (Well Head)	29-May-18	277 Greenwood Dr	2	0.77	1	0	0
No. 158	P180529122	SE4 (Well Head)	29-May-18	26 Briggs St	1	0.88	0	0	0
No. 159	P180529123	S8 Well (Well Head)	29-May-18	507 MacEwen Rd	3	0.83	0	0	0
No. 160	P180529124	SE #1 (Well Head)	29-May-18	152 South Drive	1	0.69	0	0	0

12-Jun-18									
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 161	P180612128	St. Eleanor's Community Center (Kitchen Sink)	12-Jun-18	1 West Drive	1	0.92	0	0	0
No. 162	P180612127	Illsley's Feed Store (Bathroom Sink)	12-Jun-18	61 Mill Cr.	2	0.81	0	0	0
No. 163	P180612126	Summerset Manor (Sink off #2 Water Softner)	12-Jun-18	15 Frank Mellish St	3	0.71	0	0	0
No. 164	P180612125	Lions Club Senior Housing (Common Room Sink)	12-Jun-18	326 Brophy St	4	0.59	0	0	0
No. 165	P180612124	Summerside Firehall (Station #1)	12-Jun-18	251 Foundry Street	5	0.44	0	0	0
No. 166	P180612123	ADL Plant	12-Jun-18	79 Water street	6	0.42	0	0	0
No. 167	P180612122	Bens Bakery Outlet Store (Bathroom Sink)	12-Jun-18	686 Water Street East	7	0.55	0	0	0
No. 168	P180612121	Tim Hortons Esso (Bakery Sink)	12-Jun-18	820 Water Street East	8	0.62	0	0	0
No. 169	P180612120	S7 Well (Well Head)	12-Jun-18	123 Walker Ave	3	0.43	1	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**

No. 170	P180612119	S1 Well (Well Head)	12-Jun-18	411 North Market Street	6	0.62	0	0	0
No. 171	P180612118	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	12-Jun-18	855 Read Drive	8	0.94	0	0	0
No. 172	P180612117	S10 Well (Well Head)	12-Jun-18	277 Greenwood Dr	2	0.22	0	0	0
No. 173	P180612116	SE4 (Well Head)	12-Jun-18	26 Briggs St	1	0.49	0	0	0
No. 174	P180612115	S8 Well (Well Head)	12-Jun-18	507 MacEwen Rd	3	0.78	0	0	0
No. 175	P180612114	SE #1 (Well Head)	12-Jun-18	152 South Drive	1	0.59	0	0	0

26-Jun-18									
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 176	P180626079	St. Eleanor's Community Center (Kitchen Sink)	26-Jun-18	1 West Drive	1	1.46	0	0	0
No. 177	P180626078	Illsley's Feed Store (Bathroom Sink)	26-Jun-18	61 Mill Cr.	2	0.88	0	0	0
No. 178	P180626077	Lions Club Senior Housing (Common Room Sink)	26-Jun-18	326 Brophy St	4	0.88	0	0	0
No. 179	P180626076	Summerside Firehall (Station #1)	26-Jun-18	251 Foundry Street	5	0.58	0	0	0
No. 180	P180626075	ADL Plant	26-Jun-18	79 Water street	6	0.57	0	0	0
No. 181	P180626074	Bens Bakery Outlet Store (Bathroom Sink)	26-Jun-18	686 Water Street East	7	0.39	0	0	0
No. 182	P180626073	Tim Hortons Esso (Bakery Sink)	26-Jun-18	820 Water Street East	8	0.59	0	0	0
No. 183	P180626072	S7 Well (Well Head)	26-Jun-18	123 Walker Ave	3	0.29	0	0	0
No. 184	P180626071	S1 Well (Well Head)	26-Jun-18	411 North Market Street	6	0.45	0	0	0
No. 185	P180626070	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	26-Jun-18	855 Read Drive	2	0.83	0	0	0
No. 186	P180626069	S10 Well (Well Head)	26-Jun-18	277 Greenwood Dr	2	0.71	0	0	0
No. 187	P180626068	SE4 (Well Head)	26-Jun-18	26 Briggs St	1	1.26	0	0	0
No. 188	P180626067	S8 Well (Well Head)	26-Jun-18	507 MacEwen Rd	3	1.46	0	0	0
No. 189	P180626066	Summerset Manor (Sink off #2 Water Softner)	26-Jun-18	15 Frank Mellish St	3	0.50	0	0	0
No. 190	P180626065	SE #1 (Well Head)	26-Jun-18	152 South Drive	1	0.76	0	0	0

18-Jul-10									
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 191	P180710087	St. Eleanor's Community Center (Kitchen Sink)	18-Jul-10	1 West Drive	1	1.24	0	0	0
No. 192	P180710088	Illsley's Feed Store (Bathroom Sink)	18-Jul-10	61 Mill Cr.	2	0.92	0	0	0
No. 193	P180710089	Summerset Manor (Sink off #2 Water Softner)	18-Jul-10	15 Frank Mellish St	3	0.47	0	0	0
No. 194	P180710090	Lions Club Senior Housing (Common Room Sink)	18-Jul-10	326 Brophy St	4	0.81	0	0	0
No. 195	P180710091	Summerside Firehall (Station #1)	18-Jul-10	251 Foundry Street	5	0.39	0	0	0
No. 196	P180710092	ADL Plant	18-Jul-10	79 Water street	6	0.47	0	0	0
No. 197	P180710093	Bens Bakery Outlet Store (Bathroom Sink)	18-Jul-10	686 Water Street East	7	0.18	0	0	0
No. 198	P180710094	Tim Hortons Esso (Bakery Sink)	18-Jul-10	820 Water Street East	8	0.41	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**

No.	199	P180710095	S7 Well (Well Head)	18-Jul-10	123 Walker Ave	3	0.53	>80	0	0
No.	200	P180710096	S1 Well (Well Head)	18-Jul-10	411 North Market Street	6	0.50	0	0	0
No.	201	P180710097	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	18-Jul-10	855 Read Drive	8	0.51	0	0	0
No.	202	P180710098	S10 Well (Well Head)	18-Jul-10	277 Greenwood Dr	2	0.56	0	0	0
No.	203	P180710099	SE4 (Well Head)	18-Jul-10	26 Briggs St	1	1.04	0	0	0
No.	204	P180710100	S8 Well (Well Head)	18-Jul-10	507 MacEwen Rd	3	0.66	0	0	0
No.	205	P180710101	SE #1 (Well Head)	18-Jul-10	152 South Drive	1	0.76	0	0	0

24-Jul-18										
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	206	P180724124	St. Eleanor's Community Center (Kitchen Sink)	24-Jul-18	1 West Drive	1	1.13	0	0	0
No.	207	P180724123	Illsley's Feed Store (Bathroom Sink)	24-Jul-18	61 Mill Cr.	2	0.84	0	0	0
No.	208	P180724122	Summerset Manor (Sink off #2 Water Softner)	24-Jul-18	15 Frank Mellish St	3	0.25	0	0	0
No.	209	P180724121	Lions Club Senior Housing (Common Room Sink)	24-Jul-18	326 Brophy St	4	1.12	0	0	0
No.	210	P180724120	Summerside Firehall (Station #1)	24-Jul-18	251 Foundry Street	6	0.60	0	0	0
No.	211	P180724119	ADL Plant	24-Jul-18	79 Water street	7	0.51	0	0	0
No.	212	P180724118	Bens Bakery Outlet Store (Bathroom Sink)	24-Jul-18	686 Water Street East	7	0.20	0	0	0
No.	213	P180724117	Tim Hortons Esso (Bakery Sink)	24-Jul-18	820 Water Street East	8	0.50	0	0	0
No.	214	P180724116	S7 Well (Well Head)	24-Jul-18	123 Walker Ave	3	0.58	0	0	0
No.	215	P180724115	S1 Well (Well Head)	24-Jul-18	411 North Market Street	6	0.45	0	0	0
No.	216	P180724114	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	24-Jul-18	855 Read Drive	8	0.67	1	0	0
No.	217	P180724113	S10 Well (Well Head)	24-Jul-18	277 Greenwood Dr	2	0.75	0	0	0
No.	218	P180724112	SE4 (Well Head)	24-Jul-18	26 Briggs St	1	1.21	0	0	0
No.	219	P180724111	S8 Well (Well Head)	24-Jul-18	507 MacEwen Rd	3	0.16	2	0	0
No.	220	P180724110	Summerset Manor	24-Jul-18	15 Frank Mellish St	3	0.22	0	0	0
No.	221	P170801009	SE #1 (Well Head)	24-Jul-18	152 South Drive	2	0.87	0	0	0

7-Aug-18										
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	222	P180807048	St. Eleanor's Community Center (Kitchen Sink)	7-Aug-18	1 West Drive	1	0.73	0	0	0
No.	223	P180807049	Illsley's Feed Store (Bathroom Sink)	7-Aug-18	61 Mill Cr.	2	0.84	0	0	0
No.	224	P180807050	Summerset Manor (Sink off #2 Water Softner)	7-Aug-18	15 Frank Mellish St	3	0.55	0	0	0
No.	225	P180807051	Lions Club Senior Housing (Common Room Sink)	7-Aug-18	326 Brophy St	4	0.87	0	0	0
No.	226	P180807052	Summerside Firehall (Station #1)	7-Aug-18	251 Foundry Street	5	0.58	0	0	0
No.	227	P180807053	ADL Plant	7-Aug-18	79 Water street	6	0.60	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**

No.	228	P180807054	Bens Bakery Outlet Store (Bathroom Sink)	7-Aug-18	686 Water Street East	7	0.68	0	0	0
No.	229	P180807055	Tim Hortons Esso (Bakery Sink)	7-Aug-18	820 Water Street East	8	0.71	0	0	0
No.	230	P180807056	S1 Well (Well Head)	7-Aug-18	411 Northmarket St	6	0.63	8	0	0
No.	231	P180807057	S1 Well (Well Head)	7-Aug-18	411 North Market Street	6	0.84	0	0	0
No.	232	P180807058	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	7-Aug-18	855 Read Drive	8	0.88	0	0	0
No.	233	P180807059	S10 Well (Well Head)	7-Aug-18	277 Greenwood Dr	2	0.76	0	0	0
No.	234	P180807060	SE4 (Well Head)	7-Aug-18	26 Briggs St	1	0.86	0	0	0
No.	235	P180807061	S8 Well (Well Head)	7-Aug-18	507 MacEwen Rd	3	0.77	0	0	0
No.	236	P180807063	SE #1 (Well Head)	7-Aug-18	152 South Drive	2	0.84	0	0	0

21-Aug-18										
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	237	P180821100	St. Eleanor's Community Center (Kitchen Sink)	21-Aug-18	1 West Drive	1	0.77	0	0	0
No.	238	P180821101	Illsley's Feed Store (Bathroom Sink)	21-Aug-18	61 Mill Cr.	2	0.84	0	0	0
No.	239	P180821102	Summerset Manor (Sink off #2 Water Softner)	21-Aug-18	15 Frank Mellish St	3	0.52	0	0	0
No.	240	P180821099	Lions Club Senior Housing (Common Room Sink)	21-Aug-18	326 Brophy St	4	0.97	0	0	0
No.	241	P180821103	Summerside Firehall (Station #1)	21-Aug-18	251 Foundry Street	5	0.44	0	0	0
No.	242	P180821104	ADL Plant	21-Aug-18	79 Water street	6	0.63	0	0	0
No.	243	P180821105	Bens Bakery Outlet Store (Bathroom Sink)	21-Aug-18	686 Water Street East	7	0.70	0	0	0
No.	244	P180821106	Tim Hortons Esso (Bakery Sink)	21-Aug-18	820 Water Street East	8	0.73	0	0	0
No.	245	P180821107	S1 Well (Well Head)	21-Aug-18	411 Northmarket St	6	0.68	0	0	0
No.	246	P180821108	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	21-Aug-18	855 Read Drive	8	0.72	0	0	0
No.	247	P180821109	S10 Well (Well Head)	21-Aug-18	277 Greenwood Dr	2	0.82	0	0	0
No.	248	P180821110	SE4 (Well Head)	21-Aug-18	26 Briggs St	1	0.83	0	0	0
No.	249	P180821111	S8 Well (Well Head)	21-Aug-18	507 MacEwen Rd	3	0.86	0	0	0
No.	250	P180821112	Summerset Manor	21-Aug-18	15 Frank Mellish St	1	0.82	0	0	0
No.	251	P180821113	S8 Well (Well Head)	21-Aug-18	507 MacEwen Rd	1	0.79	0	0	0

4-Sep-18										
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	252	P180904035	St. Eleanor's Community Center (Kitchen Sink)	4-Sep-18	1 West Drive	1	0.84	0	0	0
No.	253	P180904036	Illsley's Feed Store (Bathroom Sink)	4-Sep-18	61 Mill Cr.	2	0.86	0	0	0
No.	254	P180904037	Summerset Manor (Sink off #2 Water Softner)	4-Sep-18	15 Frank Mellish St	3	0.51	0	0	0
No.	255	P180904038	Lions Club Senior Housing (Common Room Sink)	4-Sep-18	326 Brophy St	4	0.80	0	0	0
No.	256	P180904039	Summerside Firehall (Station #1)	4-Sep-18	251 Foundry Street	5	0.40	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**

No.	257	P180904040	ADL Plant	4-Sep-18	79 Water street	6	0.52	0	0	0
No.	258	P180904041	Bens Bakery Outlet Store (Bathroom Sink)	4-Sep-18	686 Water Street East	7	0.61	0	0	0
No.	259	P180904042	Tim Hortons Esso (Bakery Sink)	4-Sep-18	820 Water Street East	8	0.76	0	0	0
No.	260	P180904043	S7 Walker Ave Well (Well Head)	4-Sep-18	123 Walker Ave	6	0.66	2	0	0
No.	261	P180904044	S1 Northmarket Well (Well Head)	4-Sep-18	411 Northmarket St	6	0.77	0	0	0
No.	262	P180904045	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	4-Sep-18	855 Read Drive	8	0.86	0	0	0
No.	263	P180904046	S10 Well (Well Head)	4-Sep-18	277 Greenwood Dr	2	0.78	0	0	0
No.	264	P180904047	SE4 (Well Head)	4-Sep-18	26 Briggs St	1	0.80	0	0	0
No.	265	P180904048	S8 Well (Well Head)	4-Sep-18	507 MacEwen Rd	3	0.94	0	0	0
No.	266	P180904049	SE #1 (Well Head)	4-Sep-18	152 South Drive	2	0.89	0	0	0

18-Sep-18										
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	267	P180918061	St. Eleanor's Community Center (Kitchen Sink)	18-Sep-18	1 West Drive	1	0.89	0	0	0
No.	268	P180918062	Illsley's Feed Store (Bathroom Sink)	18-Sep-18	61 Mill Cr.	2	0.71	0	0	0
No.	269	P180918063	Summerset Manor (Sink off #2 Water Softner)	18-Sep-18	15 Frank Mellish St	3	0.35	0	0	0
No.	270	P180918064	Lions Club Senior Housing (Common Room Sink)	18-Sep-18	326 Brophy St	4	0.81	0	0	0
No.	271	P180918065	Summerside Firehall (Station #1)	18-Sep-18	251 Foundry Street	5	0.69	0	0	0
No.	272	P180918066	ADL Plant	18-Sep-18	79 Water street	6	0.60	0	0	0
No.	273	P180918067	Bens Bakery Outlet Store (Bathroom Sink)	18-Sep-18	686 Water Street East	7	0.68	0	0	0
No.	274	P180918068	Tim Hortons Esso (Bakery Sink)	18-Sep-18	820 Water Street East	8	0.55	0	0	0
No.	275	P180918069	S7 Walker Ave Well (Well Head)	18-Sep-18	123 Walker Ave	6	0.84	0	0	0
No.	276	P180918070	S1 Northmarket Well (Well Head)	18-Sep-18	411 Northmarket St	8	0.62	0	0	0
No.	277	P180918071	Wilmot Wellfield (Well # 3 @ Pipe Gallery)	18-Sep-18	855 Read Drive	2	0.84	0	0	0
No.	278	P180918072	S10 Well (Well Head)	18-Sep-18	277 Greenwood Dr	1	0.73	0	0	0
No.	279	P180918073	SE #1 (Well Head)	18-Sep-18	507 MacEwen Rd	3	0.90	0	0	0
No.	280	P180918074	S8 Well (Well Head)	18-Sep-18	507 MacEwen Rd	2	0.73	0	0	0
No.	281	P180918075	Summerset Manor	18-Sep-18	15 Frank Mellish St	3	0.26	5	0	0
No.	282	P180918076	SE #1 (Well Head)	18-Sep-18	152 South Drive	2	0.66	0	0	0

2-Oct-18										
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	283	P181002060	St. Eleanor's Community Center (Kitchen Sink)	2-Oct-18	1 West Drive	1	0.87	0	0	0
No.	284	P181002061	Illsley's Feed Store (Bathroom Sink)	2-Oct-18	61 Mill Cr.	2	0.80	0	0	0
No.	285	P181002062	Summerset Manor (Sink off #2 Water Softner)	2-Oct-18	15 Frank Mellish St	3	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**

No.	286	P181002063	Lions Club Senior Housing (Common Room Sink)	2-Oct-18	326 Brophy St	4	0.66	0	0	0
No.	287	P181002064	Summerside Firehall (Station #1)	2-Oct-18	251 Foundry Street	5	0.68	0	0	0
No.	288	P181002065	ADL Plant	2-Oct-18	79 Water street	6	0.71	0	0	0
No.	289	P181002066	Bens Bakery Outlet Store (Bathroom Sink)	2-Oct-18	686 Water Street East	7	0.73	0	0	0
No.	290	P181002067	Tim Hortons Esso (Bakery Sink)	2-Oct-18	820 Water Street East	8	0.77	0	0	0
No.	291	P181002068	S7 Walker Ave Well (Well Head)	2-Oct-18	123 Walker Ave	6	0.89	1	0	0
No.	292	P181002069	S1 Well (Well Head)	2-Oct-18	411 Northmarket St	6	0.70	0	0	0
No.	293	P181002070	Wilmot Well Field - Pipe Gallery	2-Oct-18	855 Read Drive	8	0.87	0	0	0
No.	294	P181002071	S10 Greenwood Drive Well (Well Head)	2-Oct-18	277 Greenwood Drive	2	0.55	0	0	0
No.	295	P181002072	SE #4 Briggs Street Well (Well Head)	2-Oct-18	26 Briggs Street	1	0.83	0	0	0
No.	296	P181002073	S8 Well (Well Head)	2-Oct-18	507 MacEwen Rd	3	0.83	0	0	0
No.	297	P181002074	SE #1 (Well Head)	2-Oct-18	152 South Drive	2	0.69	0	0	0

## 16-Oct-18

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	298	P181016045	St. Eleanor's Community Center (Kitchen Sink)	16-Oct-18	1 West Drive	1	0.82	0	0	0
No.	299	P181016046	Illsley's Feed Store (Bathroom Sink)	16-Oct-18	61 Mill Cr.	2	0.78	0	0	0
No.	300	P181016047	Summerset Manor (Sink off #2 Water Softner)	16-Oct-18	15 Frank Mellish St	3	0.42	0	0	0
No.	301	P181016048	Lions Club Senior Housing (Common Room Sink)	16-Oct-18	326 Brophy St	4	0.89	0	0	0
No.	302	P181016049	Summerside Firehall (Station #1)	16-Oct-18	251 Foundry Street	5	0.61	0	0	0
No.	303	P181016050	ADL Plant	16-Oct-18	79 Water street	6	0.62	0	0	0
No.	304	P181016051	Bens Bakery Outlet Store (Bathroom Sink)	16-Oct-18	686 Water Street East	7	0.67	0	0	0
No.	305	P181016052	Tim Hortons Esso (Bakery Sink)	16-Oct-18	820 Water Street East	8	0.66	0	0	0
No.	306	P181016053	S7 Walker Ave Well (Well Head)	16-Oct-18	123 Walker Ave	6	0.61	4	0	0
No.	307	P181016054	S1 Well (Well Head)	16-Oct-18	411 Northmarket St	6	0.93	0	0	0
No.	308	P181016055	Wilmot Well Field - Pipe Gallery	16-Oct-18	855 Read Drive	8	0.81	0	0	0
No.	309	P181016056	S10 Greenwood Drive Well (Well Head)	16-Oct-18	277 Greenwood Drive	2	0.60	0	0	0
No.	310	P181016057	SE #4 Briggs Street Well (Well Head)	16-Oct-18	26 Briggs Street	1	0.79	0	0	0
No.	311	P181016058	S8 Well (Well Head)	16-Oct-18	507 MacEwen Road	3	0.80	0	0	0
No.	312	P181016059	SE#1 Well (Well Head)	16-Oct-18	152 South Drive	2	0.66	0	0	0
No.	313	P181016061	Wharf	16-Oct-18	162 Heather Moyse	6	0.31	0	0	0

## 31-Oct-18

	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth	
No.	314	P181031056	St. Eleanor's Community Center (Kitchen Sink)	31-Oct-18	1 West Drive	1	0.88	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**

No. 315	P181031057	Illsley's Feed Store (Bathroom Sink)	31-Oct-18	61 Mill Cr.	2	0.65	0	0	0
No. 316	P181031058	Summerset Manor (Sink off #2 Water Softner)	31-Oct-18	15 Frank Mellish St	3	0.51	0	0	0
No. 317	P181031059	Lions Club Senior Housing (Common Room Sink)	31-Oct-18	326 Brophy St	4	0.79	0	0	0
No. 318	P181031060	Summerside Firehall (Station #1)	31-Oct-18	251 Foundry Street	5	0.76	0	0	0
No. 319	P181031061	ADL Plant	31-Oct-18	79 Water street	6	0.69	0	0	0
No. 320	P181031062	Bens Bakery Outlet Store (Bathroom Sink)	31-Oct-18	686 Water Street East	7	0.70	0	0	0
No. 321	P181031063	Tim Hortons Esso (Bakery Sink)	31-Oct-18	820 Water Street East	8	0.61	0	0	0
No. 322	P181031064	S7 Walker Ave Well (Well Head)	31-Oct-18	123 Walker Ave	6	0.68	0	0	0
No. 323	P181031065	S1 Well (Well Head)	31-Oct-18	411 Northmarket St	6	0.93	0	0	0
No. 324	P181031066	Wilmot Well Field - Pipe Gallery	31-Oct-18	855 Read Drive	8	0.87	0	0	0
No. 325	P181031067	S10 Greenwood Drive Well (Well Head)	31-Oct-18	277 Greenwood Drive	2	0.78	0	0	0
No. 326	P181031068	SE #4 Briggs Street Well (Well Head)	31-Oct-18	26 Briggs Street	1	0.82	0	0	0
No. 327	P181031069	S8 Well (Well Head)	31-Oct-18	507 MacEwen Road	3	0.89	0	0	0
No. 328	P181031070	SE#1 Well (Well Head)	31-Oct-18	152 South Drive	2	0.68	0	0	0
No. 329	P181031072	ST Eleanor's Well Field (Well #3)	31-Oct-18	80 Bayview Drive	2	0.70	0	0	0
No. 330	P181031073	St Eleanor's Well Field (Well #2)	31-Oct-18	80 Bayview Drive	2	0.70	0	0	0
No. 331	P181031074	Bernards Quickmart	31-Oct-18	126 Bayview Drive	1	0.83	0	0	0

13-Nov-18									
	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 332	P181113046	St. Eleanor's Community Center (Kitchen Sink)	13-Nov-18	1 West Drive	1	0.56	0	0	0
No. 333	P181113045	Illsley's Feed Store (Bathroom Sink)	13-Nov-18	61 Mill Cr.	2	0.62	0	0	0
No. 334	P181113044	Summerset Manor (Sink off #2 Water Softner)	13-Nov-18	15 Frank Mellish St	3	0.44	0	0	0
No. 335	P181113043	Lions Club Senior Housing (Common Room Sink)	13-Nov-18	326 Brophy St	4	0.55	0	0	0
No. 336	P181113042	Summerside Firehall (Station #1)	13-Nov-18	251 Foundry Street	5	0.55	0	0	0
No. 337	P181113041	ADL Plant	13-Nov-18	79 Water street	6	0.61	0	0	0
No. 338	P181113040	Bens Bakery Outlet Store (Bathroom Sink)	13-Nov-18	686 Water Street East	7	0.63	0	0	0
No. 339	P181113039	Tim Hortons Esso (Bakery Sink)	13-Nov-18	820 Water Street East	8	0.70	0	0	0
No. 340	P181113038	S7 Walker Ave Well (Well Head)	13-Nov-18	123 Walker Ave	6	0.83	0	0	0
No. 341	P181113037	S1 Well (Well Head)	13-Nov-18	411 Northmarket St	6	0.70	0	0	0
No. 342	P181113036	Wilmot Well Field - Pipe Gallery	13-Nov-18	855 Read Drive	8	0.86	0	0	0
No. 343	P181113035	S10 Greenwood Drive Well (Well Head)	13-Nov-18	277 Greenwood Drive	2	0.85	0	0	0
No. 344	P181113034	SE #4 Briggs Street Well (Well Head)	13-Nov-18	26 Briggs Street	1	0.77	0	0	0
No. 345	P181113033	S8 Well (Well Head)	13-Nov-18	507 MacEwen Road	3	0.35	0	0	0
No. 346	P181113032	SE#1 Well (Well Head)	13-Nov-18	152 South Drive	2	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

18-Nov-27								
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 347	P181127061	St. Eleanor's Community Center (Kitchen Sink)	18-Nov-27	1 West Drive	1	0.67	0	0
No. 348	P181127062	Illsley's Feed Store (Bathroom Sink)	18-Nov-27	61 Mill Cr.	2	0.72	0	0
No. 349	P181127063	Summerset Manor (Sink off #2 Water Softner)	18-Nov-27	15 Frank Mellish St	3	0.60	0	0
No. 350	P181127064	Lions Club Senior Housing (Common Room Sink)	18-Nov-27	326 Brophy St	4	0.66	0	0
No. 351	P181127065	Summerside Firehall (Station #1)	18-Nov-27	251 Foundry Street	5	0.60	0	0
No. 352	P181127066	ADL Plant	18-Nov-27	79 Water street	6	0.52	0	0
No. 353	P181127067	Bens Bakery Outlet Store (Bathroom Sink)	18-Nov-27	686 Water Street East	7	0.48	0	0
No. 354	P181127068	Tim Hortons Esso (Bakery Sink)	18-Nov-27	820 Water Street East	8	0.52	0	0
No. 355	P181127069	S7 Walker Ave Well (Well Head)	18-Nov-27	123 Walker Ave	6	0.92	0	0
No. 356	P181127070	S1 Well (Well Head)	18-Nov-27	411 Northmarket St	6	0.57	0	0
No. 357	P181127071	Wilmot Well Field - Pipe Gallery	18-Nov-27	855 Read Drive	8	0.69	0	0
No. 358	P181127072	S10 Greenwood Drive Well (Well Head)	18-Nov-27	277 Greenwood Drive	2	0.69	0	0
No. 359	P181127073	SE #4 Briggs Street Well (Well Head)	18-Nov-27	26 Briggs Street	1	0.64	0	0
No. 360	P181127074	S8 Well (Well Head)	18-Nov-27	507 MacEwen Road	3	0.64	0	0
No. 361	P181127075	SE#1 Well (Well Head)	18-Nov-27	152 South Drive	2	0.81	0	0
No. 362	P181127077	ST Eleanor's Well Field (Well #1)	18-Nov-27	80 Bayview Drive	2	0.81	0	0
No. 363	P181127078	St Eleanor's Well Field (Well #2)	18-Nov-27	80 Bayview Drive	2	0.57	0	0
No. 364	P181127079	Bernards Quickmart	18-Nov-27	126 Bayview Drive	1	0.61	0	0

11-Dec-18								
Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 365	P181211059	St. Eleanor's Community Center (Kitchen Sink)	11-Dec-18	1 West Drive	1	0.59	0	0
No. 366	P181211060	Illsley's Feed Store (Bathroom Sink)	11-Dec-18	61 Mill Cr.	2	0.64	0	0
No. 367	P181211061	Summerset Manor (Sink off #2 Water Softner)	11-Dec-18	15 Frank Mellish St	3	0.30	0	0
No. 368	P181211062	Lions Club Senior Housing (Common Room Sink)	11-Dec-18	326 Brophy St	4	0.40	0	0
No. 369	P181211063	Summerside Firehall (Station #1)	11-Dec-18	251 Foundry Street	5	0.38	0	0
No. 370	P181211064	ADL Plant	11-Dec-18	79 Water street	6	0.42	0	0
No. 371	P181211065	Bens Bakery Outlet Store (Bathroom Sink)	11-Dec-18	686 Water Street East	7	0.41	0	0
No. 372	P181211066	Tim Hortons Esso (Bakery Sink)	11-Dec-18	820 Water Street East	8	0.41	0	0
No. 373	P181211067	S7 Walker Ave Well (Well Head)	11-Dec-18	123 Walker Ave	6	0.69	0	0
No. 374	P181211068	S1 Well (Well Head)	11-Dec-18	411 Northmarket St	6	0.89	0	0
No. 375	P181211069	Wilmot Well Field - Pipe Gallery	11-Dec-18	855 Read Drive	8	0.74	0	0
No. 376	P181211070	S10 Greenwood Drive Well (Well Head)	11-Dec-18	277 Greenwood Drive	2	0.67	0	0
No. 377	P181211071	SE #4 Briggs Street Well (Well Head)	11-Dec-18	26 Briggs Street	1	0.52	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**

No. 378	P181211072	S8 Well (Well Head)	11-Dec-18	507 MacEwen Road	3	0.44	0	0	0
No. 379	P181211073	SE#1 Well (Well Head)	11-Dec-18	152 South Drive	2	0.74	0	0	0
No. 380	P181211074	St Eleanor's Well Field (Well #1)	11-Dec-18	80 Bayview Drive	2	0.64	0	0	0
No. 381	P181211075	St Eleanor's Well Field (Well #2)	11-Dec-18	80 Bayview Drive	2	0.71	0	0	0
No. 382	P181211076	Bernards Quickmart	11-Dec-18	126 Bayview Drive	1	0.54	0	0	0
No. 383	P181211077	Summerside Wastewater Treatment Plant	11-Dec-18	15 Seaweed Rd	1	0.56	0	0	0

28-Dec-18									
No.	Sample ID	Location	Date	Address	City Sample Zone	Free Chlorine Residual	Total Coliforms	E. Coli.	Background Growth
No. 384	P181228042	St. Eleanor's Community Center (Kitchen Sink)	28-Dec-18	1 West Drive	1	0.34	0	0	0
No. 385	P181228041	Illsley's Feed Store (Bathroom Sink)	28-Dec-18	61 Mill Cr.	2	0.53	0	0	0
No. 386	P181228040	Summerset Manor (Sink off #2 Water Softner)	28-Dec-18	15 Frank Mellish St	3	0.42	0	0	0
No. 387	P181228039	Lions Club Senior Housing (Common Room Sink)	28-Dec-18	326 Brophy St	4	0.65	0	0	0
No. 388	P181228038	Summerside Firehall (Station #1)	28-Dec-18	251 Foundry Street	5	0.54	0	0	0
No. 389	P181228037	ADL Plant	28-Dec-18	79 Water street	6	0.60	0	0	0
No. 390	P181228036	Bens Bakery Outlet Store (Bathroom Sink)	28-Dec-18	686 Water Street East	7	0.34	0	0	0
No. 391	P181228035	Tim Hortons Esso (Bakery Sink)	28-Dec-18	820 Water Street East	8	0.53	0	0	0
No. 392	P181228034	S7 Walker Ave Well (Well Head)	28-Dec-18	123 Walker Ave	6	0.87	0	0	0
No. 393	P181228033	S1 Well (Well Head)	28-Dec-18	411 Northmarket St	6	1.46	0	0	0
No. 394	P181228032	Wilmot Well Field - Pipe Gallery	28-Dec-18	855 Read Drive	8	0.66	0	0	0
No. 395	P181228031	S10 Greenwood Drive Well (Well Head)	28-Dec-18	277 Greenwood Drive	2	0.31	0	0	0
No. 396	P181228030	SE #4 Briggs Street Well (Well Head)	28-Dec-18	26 Briggs Street	1	0.36	1	0	0
No. 397	P181228029	SE#1 Well (Well Head)	28-Dec-18	152 South Drive	2	0.53	0	0	0
No. 398	P181228028	Bernards Quickmart	28-Dec-18	116 Bayview Dr	1	0.52	0	0	0
No. 398	P181228027	St Eleanor's Well Field (Well #1)	28-Dec-18	80 Bayview Drive	2	0.67	0	0	0
No. 399	P181228026	St Eleanor's Well Field (Well #2)	28-Dec-18	80 Bayview Drive	2	0.85	0	0	0
No. 400	P181228025	St Eleanor's Well Field (Well #3)	28-Dec-18	80 Bayview Drive	2	0.67	0	0	0
No. 401	P181228024	Summerside Wastewater Treatment Plant	28-Dec-18	15 Seaweed Rd	1	0.56	0	0	0

# Summerside

**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
NO. 1.0	P180109027	Summerside Firehall (Station #1)	9-Jan-18	251 Foundry Street	6	3.1
NO. 2.0	P180109028	ADL	9-Jan-18	79 Water Street	6	4.0
NO. 3.0	P180109032	Wilmot Wellfield Pipe Gallery	9-Jan-18	855 Read Drive	8	7.0
NO. 4.0	P180124033	Summerside Firehall (Station #1)	24-Jan-18	251 Foundry Street	6	3.3
NO. 5.0	P180124034	ADL	24-Jan-18	79 Water Street	6	4.4
NO. 6.0	P180124038	Wilmot Wellfield Pipe Gallery	24-Jan-18	855 Read Drive	8	7.2
NO. 7.0	P180206040	Summerside Firehall (Station #1)	6-Feb-18	251 Foundry Street	6	3.2
NO. 8.0	P180206039	ADL	6-Feb-18	79 Water Street	6	4.9
NO. 9.0	P180206035	Wilmot Wellfield Pipe Gallery	6-Feb-18	855 Read Drive	8	7.2
NO. 10.0	P180223028	Summerside Firehall (Station #1)	23-Feb-18	251 Foundry Street	6	3.2
NO. 11.0	P180223027	ADL	23-Feb-18	79 Water Street	6	3.9
NO. 12.0	P180223023	Wilmot Wellfield Pipe Gallery	23-Feb-18	855 Read Drive	8	7.3
NO. 13.0	P180306042	Summerside Firehall (Station #1)	6-Mar-18	251 Foundry Street	6	3.1
NO. 14.0	P180306043	ADL	6-Mar-18	79 Water Street	6	4.3
NO. 15.0	P180306047	Wilmot Wellfield Pipe Gallery	6-Mar-18	855 Read Drive	8	7.2
NO. 16.0	P180320054	Summerside Firehall (Station #1)	20-Mar-18	251 Foundry Street	6	3.2
NO. 17.0	P180320055	ADL	20-Mar-18	79 Water Street	6	3.9
NO. 18.0	P180320059	Wilmot Wellfield Pipe Gallery	20-Mar-18	855 Read Drive	8	7.2
NO. 19.0	P180320061	SE#4 (Well Head)	20-Mar-18	26 Briggs Street	1	7.4
NO. 20.0	P180320063	SE#1 (Well Head)	20-Mar-18	152 South Drive	2	2.9
NO. 21.0	P180403035	Summerside Firehall (Station #1)	3-Apr-18	251 Foundry Street	6	3.1
NO. 22.0	P180403036	ADL	3-Apr-18	79 Water Street	6	3.7
NO. 23.0	P180403039	S#1 (Well Head)	3-Apr-18	411 Northmarket St	6	3.1
NO. 24.0	P180403040	Wilmot Wellfield Pipe Gallery	3-Apr-18	855 Read Drive	8	7.2
NO. 25.0	P180403041	S#10 (Well Head)	3-Apr-18	277 Greenwood Drive	2	3.2
NO. 26.0	P180410042	S#1 (Well Head)	10-Apr-18	411 Northmarket St	6	3.1
NO. 27.0	P180410043	SE#1 (Well Head)	10-Apr-18	152 South Drive	2	2.9
NO. 28.0	P180410044	SE#4 (Well Head)	10-Apr-18	26 Briggs Street	1	7.3
NO. 29.0	P180410045	S#10 (Well Head)	10-Apr-18	277 Greenwood Drive	2	3.3
NO. 30.0	P180410046	S#8 (Well Head)	10-Apr-18	507 MacEwen Road	3	2.9
NO. 31.0	P180410047	Wilmot Wellfield (Pump #1)	10-Apr-18	855 Read Drive	8	7.3
NO. 32.0	P180410048	Wilmot Wellfield (Pump #2)	10-Apr-18	855 Read Drive	8	7.3
NO. 33.0	P180410049	Wilmot Wellfield (Pump#3)	10-Apr-18	855 Read Drive	8	7.3
NO. 34.0	P180410050	Wilmot Wellfield (Pump#4)	10-Apr-18	855 Read Drive	8	8.9
NO. 35.0	P180417041	Summerside Firehall (Station #1)	17-Apr-18	251 Foundry Street	6	3.1
NO. 36.0	P180417042	ADL	17-Apr-18	79 Water Street	6	4.2
NO. 37.0	P180417046	Wilmot Wellfield Pipe Gallery	17-Apr-18	855 Read Drive	8	7.1



# Summerside

**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
NO. 38.0	P180501054	Summerside Firehall (Station #1)	1-May-18	251 Foundry Street	6	4.1
NO. 39.0	P180501055	ADL	1-May-18	79 Water Street	6	5.2
NO. 40.0	P180501059	Wilmot Wellfield Pipe Gallery	1-May-18	855 Read Drive	8	6.9
NO. 41.0	P180515079	Summerside Firehall (Station #1)	15-May-18	251 Foundry Street	6	3.2
NO. 42.0	P180515083	Wilmot Wellfield Pipe Gallery	15-May-18	855 Read Drive	8	7.1
NO. 43.0	P180529115	Summerside Firehall (Station #1)	29-May-18	251 Foundry Street	6	6.6
NO. 44.0	P180529116	ADL	29-May-18	79 Water Street	6	7.0
NO. 45.0	P1805291120	Wilmot Wellfield Pipe Gallery	29-May-18	855 Read Drive	8	6.9
NO. 46.0	P180612124	Summerside Firehall (Station #1)	12-Jun-18	251 Foundry Street	6	3.2
NO. 47.0	P180612123	ADL	12-Jun-18	79 Water Street	6	4.1
NO. 48.0	P180612122	Bens Bakery	12-Jun-18	686 Walker Ave	7	6.5
NO. 49.0	P180626076	Summerside Firehall (Station #1)	26-Jun-18	251 Foundry Street	6	6.9
NO. 50.0	P180626075	ADL	26-Jun-18	79 Water Street	6	3.2
NO. 51.0	P180626070	Wilmot Wellfield Pipe Gallery	26-Jun-18	855 Read Drive	8	4.6
NO. 52.0	P180710091	Summerside Firehall (Station #1)	10-Jul-18	251 Foundry Street	6	3.8
NO. 53.0	P180710092	ADL	10-Jul-18	79 Water Street	6	4.6
NO. 54.0	P180710097	Wilmot Wellfield Pipe Gallery	10-Jul-18	855 Read Drive	8	7.0
NO. 55.0	P180724120	Summerside Firehall (Station #1)	24-Jul-18	251 Foundry Street	6	4.0
NO. 56.0	P180724119	ADL	24-Jul-18	79 Water Street	6	4.3
NO. 57.0	P180724118	Bens Bakery	24-Jul-18	686 Water Street	8	6.9
NO. 58.0	P180807052	Summerside Firehall (Station #1)	7-Aug-18	251 Foundry Street	6	4.2
NO. 59.0	P180807053	ADL	7-Aug-18	79 Water Street	6	5.1
NO. 60.0	P180724058	Wilmot Wellfield Pipe Gallery	7-Aug-18	855 Read Drive	8	5.4
NO. 61.0	P180821103	Summerside Firehall (Station #1)	21-Aug-18	251 Foundry Street	6	4.5
NO. 62.0	P180821104	ADL	21-Aug-18	79 Water Street	6	5.0
NO. 63.0	P180821109	Wilmot Wellfield Pipe Gallery	21-Aug-18	855 Read Drive	8	7.0
NO. 64.0	P180904039	Summerside Firehall (Station #1)	4-Sep-18	251 Foundry Street	6	4.4
NO. 65.0	P180904040	ADL	4-Sep-18	79 Water Street	6	4.6
NO. 66.0	P180904045	Wilmot Wellfield Pipe Gallery	4-Sep-18	855 Read Drive	8	7.1
NO. 67.0	P180918065	Summerside Firehall (Station #1)	18-Sep-18	251 Foundry Street	6	3.8
NO. 68.0	P180918066	ADL	18-Sep-18	79 Water Street	6	4.0
NO. 69.0	P180918071	Wilmot Wellfield Pipe Gallery	18-Sep-18	855 Read Drive	8	6.9
NO. 70.0	P181002064	Summerside Firehall (Station #1)	2-Oct-18	251 Foundry Street	6	3.2
NO. 71.0	P181002065	ADL	2-Oct-18	79 Water Street	6	3.8

# Summerside

**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
NO. 72.0	P181002070	Wilmot Wellfield Pipe Gallery	2-Oct-18	855 Read Drive	8	6.9
NO. 73.0	P181016050	ADL	16-Oct-18	79 Water Street	6	5.4
NO. 74.0	P181016055	Wilmot Wellfield Pipe Gallery	16-Oct-18	855 Read Drive	8	6.8
NO. 75.0	P181031060	Summerside Firehall (Station #1)	31-Oct-18	251 Foundry Street	6	5.2
NO. 76.0	P181031061	ADL	31-Oct-18	79 Water Street	6	5.3
NO. 77.0	P181031066	Wilmot Wellfield Pipe Gallery	31-Oct-18	855 Read Drive	8	5.0
NO. 78.0	P181113042	Summerside Firehall (Station #1)	13-Nov-18	251 Foundry Street	6	4.6
NO. 79.0	P181113041	ADL	13-Nov-18	79 Water Street	6	5.6
NO. 80.0	P181113036	Wilmot Wellfield Pipe Gallery	13-Nov-18	855 Read Drive	8	5.7
NO. 81.0	P181127065	Summerside Firehall (Station #1)	27-Nov-18	251 Foundry Street	6	5.1
NO. 82.0	P181127066	ADL	27-Nov-18	79 Water Street	6	5.5
NO. 83.0	P181127071	Wilmot Wellfield Pipe Gallery	27-Nov-18	855 Read Drive	8	7.0
NO. 84.0	P181211063	Summerside Firehall (Station #1)	11-Dec-18	251 Foundry Street	6	4.4
NO. 85.0	P181211064	ADL	11-Dec-18	79 Water Street	6	5.3
NO. 86.0	P181211069	Wilmot Wellfield Pipe Gallery	11-Dec-18	855 Read Drive	8	4.1
NO. 87.0	P181228038	Summerside Firehall (Station #1)	28-Dec-18	251 Foundry Street	6	5.3
NO. 88.0	P181228037	ADL	28-Dec-18	79 Water Street	6	5.2
NO. 89.0	P181228032	Wilmot Wellfield Pipe Gallery	28-Dec-18	855 Read Drive	8	7.8





## H.C. MAC H.C. AO

Sample ID				P180109028	P180124034	P180206039	P180223027	P180306043	P180320055
Location				ADL Plant	ADL Plant	ADL Plant	ADL Plant	ADL Plant	ADL
Date				1/9/2018	1/24/2018	2/6/2018	2/23/2018	3/6/2018	3/20/2018
Address				79 Water Street	79 Water Street	79 Water Street	79 Water Street	79 Water Street	79 Water Street
City Sample Zone			Units	6	6	6	6	6	6
pH for Water	NA	7 to 10.5	pH	7.6	8.1	8.2	7.6	7.8	7.8
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	161	149	150	173	154	162
Chloride	NA	250.0	mg/L	127.0	114.7	105.5	146.0	119.5	134.9
Barium dis	1	0	mg/L	0.6920	0.5950	0.5834	0.6733	0.6278	0.6567
Calcium dis	NA	NA	mg/L	96.87	95.21	85.51	110.80	99.03	103.20
Potassium dis	NA	NA	mg/L	1.19	1.06	1.08	1.24	1.12	1.13
Copper dis	NA	1	mg/L	0.0170	0.0230	0.0200	0.0210	0.0210	0.0150
Iron dis	NA	0.3	mg/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Magnesium dis	NA	NA	mg/L	3.35	2.85	2.87	3.66	3.03	3.22
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.02	0.02	0.02	0.02	0.02	0.02
Sodium dis	NA	200.0	mg/L	44.65	39.06	36.07	48.87	39.07	48.26
Sulfate calc from S dis	NA	500	mg/L	15.51	14.71	13.91	15.55	14.54	15.23
Lead dis	0.01	NA	mg/L	0.0001	0.0001	0.0001	0.0001	0.0001	<0.0001
Zinc dis	NA	5	mg/L	0.0040	0.0060	0.0050	0.0060	0.0040	0.0030
Hardness	NA	NA	mg/L	255.7	249.5	225.3	291.7	259.7	270.9
Arsenic dis	0.01	NA	mg/L	0.0005	0.0004	0.0005	0.0005	0.0005	0.0005
Nitrate	10	NA	mg/L	4.0	4.4	4.9	3.9	4.3	3.9
Selenium	0.05	NA	mg/L	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003
Uranium	0.02	NA	mg/L	0.0020	0.0016	0.0017	0.0021	0.0017	0.0019



## H.C. MAC H.C. AO

Sample ID				P180320061	P180320063	P180403036	P180403039	P180403041
Location				SE4 (Well Head)	SE1 (Well Head)	ADL	S1 Well	S10 Well (Well Head)
Date				3/20/2018	3/20/2018	4/3/2018	4/3/2018	4/3/2018
Address				26 Briggs Street	152 South Drive	79 Water Street	411 North Market Street	277 Greenwood Drive
City Sample Zone			Units	1	1	6	6	2
pH for Water	NA	7 to 10.5	pH	7.9	8.0	7.7	7.7	7.7
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	151	150	166	179	173
Chloride	NA	250.0	mg/L	69.3	69.1	138.8	168.9	182.5
Barium dis	1	0	mg/L	0.1620	0.3357	0.6483	0.8422	0.3781
Calcium dis	NA	NA	mg/L	86.92	85.75	107.20	118.90	110.60
Potassium dis	NA	NA	mg/L	1.09	0.77	1.27	1.59	1.12
Copper dis	NA	1	mg/L	<0.0020	0.0230	0.0140	<0.0020	<0.0020
Iron dis	NA	0.3	mg/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Magnesium dis	NA	NA	mg/L	2.07	1.92	3.46	4.51	2.73
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0050	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.04	0.02	0.02	0.02	0.02
Sodium dis	NA	200.0	mg/L	32.57	17.99	48.76	66.72	63.70
Sulfate calc from S dis	NA	500	mg/L	17.05	10.7	15.45	17.67	15.81
Lead dis	0.01	NA	mg/L	<0.0001	0.0002	<0.0001	0.0001	<0.0001
Zinc dis	NA	5	mg/L	0.0270	0.0190	0.0020	0.0410	0.0180
Hardness	NA	NA	mg/L	225.6	222	281.9	315.5	287.4
Arsenic dis	0.01	NA	mg/L	0.0002	0.0004	0.0005	0.0007	0.0003
Nitrate	10	NA	mg/L	7.4	2.9	3.7	3.1	3.2
Selenium	0.05	NA	mg/L	<0.0002	<0.0002	0.0002	0.0005	<0.0002
Uranium	0.02	NA	mg/L	0.0002	0.0006	0.0020	0.0031	0.0007



## H.C. MAC H.C. AO

Sample ID				P180410042	P180410043	P180410044	P180410045
Location				S1 Well (Well Head)	SE1 (Well Head)	SE4 (Well Head)	S10 Well (Well Head)
Date				4/10/2018	4/10/2018	4/10/2018	4/10/2018
Address				411 North Market Street	152 South Drive	26 Briggs Street	277 Greenwood Drive
City Sample Zone			Units	6	1	1	2
pH for Water	NA	7 to 10.5	pH	7.7	7.9	7.7	7.6
Alkalinity (ppm of CaCO3)	NA	NA	mg/L	182	150	156	176
Chloride	NA	250.0	mg/L	169.5	71.2	65.4	186.0
Barium dis	1	0	mg/L	0.8433	0.3340	0.1524	0.3773
Calcium dis	NA	NA	mg/L	106.10	85.07	79.53	103.90
Potassium dis	NA	NA	mg/L	1.39	0.77	1.07	1.08
Copper dis	NA	1	mg/L	<0.0020	0.0220	<0.0020	<0.0020
Iron dis	NA	0.3	mg/L	<0.0020	<0.0020	<0.0020	0.0020
Magnesium dis	NA	NA	mg/L	4.21	1.87	2.03	2.56
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.02	0.02	0.05	0.02
Sodium dis	NA	200.0	mg/L	60.42	17.76	29.45	65.19
Sulfate calc from S dis	NA	500	mg/L	18.51	11.10	17.56	16.66
Lead dis	0.01	NA	mg/L	0.0002	0.0002	<0.0001	<0.0001
Zinc dis	NA	5	mg/L	0.0720	0.0140	0.0180	0.0240
Hardness	NA	NA	mg/L	298.0	220.1	206.9	318.7
Arsenic dis	0.01	NA	mg/L	0.0007	0.0004	0.0002	0.0003
Nitrate	10	NA	mg/L	3.1	2.9	7.3	3.3
Selenium	0.05	NA	mg/L	0.0005	<0.0040	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0029	0.0007	0.0002	0.0006



## H.C. MAC H.C. AO

Sample ID				P180410046	P180410047	P180410048	P180410049
Location				S8 Well (Well Head)	Wilmot Well Field (#1)	Wilmot Well Field (#2)	Wilmot Well Field (#3)
Date				4/10/2018	4/10/2018	4/10/2018	4/10/2018
Address				507 Macewen Road	855 Read Drive	855 Read Drive	855 Read Drive
City Sample Zone			Units	3	8	8	8
pH for Water	NA	7 to 10.5	pH	8.0	7.9	7.8	7.8
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	149	120	119	120
Chloride	NA	250.0	mg/L	48.7	16.7	16.4	17.0
Barium dis	1	0	mg/L	0.7360	0.4412	0.4406	0.4530
Calcium dis	NA	NA	mg/L	72.21	60.05	60.06	60.04
Potassium dis	NA	NA	mg/L	0.82	0.66	0.63	0.63
Copper dis	NA	1	mg/L	<0.0020	<0.0020	<0.0020	<0.0020
Iron dis	NA	0.3	mg/L	<0.0020	<0.0020	<0.0020	<0.0020
Magnesium dis	NA	NA	mg/L	1.98	1.43	1.42	1.43
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.03	0.03	0.03	0.03
Sodium dis	NA	200.0	mg/L	14.62	7.67	7.35	7.59
Sulfate calc from S dis	NA	500	mg/L	9.02	11.08	10.95	10.99
Lead dis	0.01	NA	mg/L	<0.0001	<0.0001	<0.0001	<0.0001
Zinc dis	NA	5	mg/L	0.0090	<0.0020	<0.0020	<0.0020
Hardness	NA	NA	mg/L	195.9	155.8	155.8	155.8
Arsenic dis	0.01	NA	mg/L	0.0005	0.0002	0.0003	0.0003
Nitrate	10	NA	mg/L	2.9	7.3	7.3	7.3
Selenium	0.05	NA	mg/L	<0.0002	<0.0002	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0009	0.0004	0.0004	0.0004



## H.C. MAC H.C. AO

Sample ID				P180410050	P180417042	P180501055	P180529116	P180807053
Location				Wilmot Well Field (#4)	ADL Plant	ADL Plant	ADL Plant	ADL Plant
Date				4/10/2018	4/17/2018	5/1/2017	5/29/2018	8/7/2018
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	7 to 10.5	pH	7.7	7.8	7.6	7.8	7.6
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	162	161	156	125	137
Chloride	NA	250.0	mg/L	29.5	139.0	97.4	24.7	82.4
Barium dis	1	0	mg/L	0.3838	0.7387	0.5161	0.4912	0.4715
Calcium dis	NA	NA	mg/L	83.14	112.30	90.98	72.79	91.27
Potassium dis	NA	NA	mg/L	0.80	1.28	1.11	0.91	0.91
Copper dis	NA	1	mg/L	<0.0020	0.0170	0.0140	0.0140	0.0220
Iron dis	NA	0.3	mg/L	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Magnesium dis	NA	NA	mg/L	1.87	3.61	2.79	1.94	2.32
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	0.0007	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.03	0.02	0.03	0.06	0.03
Sodium dis	NA	200.0	mg/L	13.07	48.41	31.26	14.34	28.37
Sulfate calc from S dis	NA	500	mg/L	15.41	17.21	15.40	11.40	13.24
Lead dis	0.01	NA	mg/L	<0.0001	0.0001	0.0001	0.0001	0.0001
Zinc dis	NA	5	mg/L	0.0040	0.0040	0.0030	0.0040	0.0020
Hardness	NA	NA	mg/L	215.3	295.3	238.7	189.8	237.5
Arsenic dis	0.01	NA	mg/L	0.0002	0.0005	0.0005	0.0004	0.0004
Nitrate	10	NA	mg/L	8.9	4.2	5.2	7.0	5.1
Selenium	0.05	NA	mg/L	<0.0002	0.0004	0.0002	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0003	0.0022	0.0011	0.0007	0.0010



## H.C. MAC H.C. AO

Sample ID				P180821104	P180904040	P180918066	P181002065	P181016050	P181031061
Location				ADL Plant	ADL Plant	ADL Plant	ADL Plant	ADL Plant	ADL Plant
Date				8/21/2018	9/4/2018	9/18/2018	10/2/2018	10/16/2018	10/31/2018
Address				79 Water Street	79 Water Street	79 Water Street	79 Water Street	79 Water Street	79 Water Street
City Sample Zone			Units	6	6	6	6	6	6
pH for Water	NA	7 to 10.5	pH	7.7	7.7	7.8	7.6	7.6	7.9
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	147	153	155	164	140	132
Chloride	NA	250.0	mg/L	100.7	117.8	139.8	142.7	83.1	64.1
Barium dis	1	0	mg/L	0.5561	0.5713	0.6383	0.6056	0.4899	0.4399
Calcium dis	NA	NA	mg/L	95.09	96.38	112.30	111.40	87.81	78.85
Potassium dis	NA	NA	mg/L	1.04	1.40	1.22	1.23	1.00	0.93
Copper dis	NA	1	mg/L	0.0340	0.0360	0.0280	0.0260	0.0250	0.0150
Iron dis	NA	0.3	mg/L	<0.0020	<0.0020	0.0070	<0.0020	<0.0020	0.0020
Magnesium dis	NA	NA	mg/L	2.78	3.10	3.31	3.31	2.48	2.24
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.02	0.03	0.02	0.02	0.02	0.03
Sodium dis	NA	200.0	mg/L	34.92	39.54	46.03	49.60	27.06	23.02
Sulfate calc from S dis	NA	500	mg/L	14.52	15.01	16.33	16.75	13.96	13.16
Lead dis	0.01	NA	mg/L	0.0001	0.0003	0.0003	0.0002	0.0002	<0.0001
Zinc dis	NA	5	mg/L	0.0070	0.0070	0.0040	0.0030	0.0050	0.0020
Hardness	NA	NA	mg/L	248.9	253.4	294	291.8	229.5	206.1
Arsenic dis	0.01	NA	mg/L	0.0005	0.0006	0.0005	0.0005	0.0005	0.0004
Nitrate	10	NA	mg/L	5.0	4.6	4.0	3.8	5.4	5.3
Selenium	0.05	NA	mg/L	0.0002	<0.0002	0.0003	0.0002	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0015	0.0015	0.0020	0.0019	0.0011	0.0010



## H.C. MAC H.C. AO

Sample ID				P181113041	P181122036	P181122037	P181122038	P181122039
Location				ADL Plant	S#1	Linkletter Wellfeild # 1	SE#1	SE#4
Date				11/13/2018	11/22/2018	11/22/2018	11/22/2018	11/22/2018
Address				79 Water Street	411 North Market Street	80 Bayview Drive	152 South Drive	26 Briggs Street
City Sample Zone			Units	6	6	2	2	1
pH for Water	NA	7 to 10.5	pH	8.1	7.7	7.8	7.8	7.8
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	128	169	133	149	148
Chloride	NA	250.0	mg/L	31.6	160.9	36.2	80.2	71.7
Barium dis	1	0	mg/L	0.4415	0.7060	0.4571	0.2809	0.2397
Calcium dis	NA	NA	mg/L	69.05	122.80	69.07	89.20	82.00
Potassium dis	NA	NA	mg/L	0.72	1.44	0.80	0.86	1.04
Copper dis	NA	1	mg/L	0.0150	<0.0020	0.0020	0.0210	0.0020
Iron dis	NA	0.3	mg/L	<0.0020	0.0020	0.0020	<0.0020	<0.0020
Magnesium dis	NA	NA	mg/L	1.68	3.41	1.92	1.91	2.03
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.03	0.02	0.03	0.02	0.04
Sodium dis	NA	200.0	mg/L	12.33	55.87	13.72	20.09	27.69
Sulfate calc from S dis	NA	500	mg/L	10.68	19.36	12.68	12.08	17.80
Lead dis	0.01	NA	mg/L	0.0001	0.0001	0.0001	0.0001	<0.0001
Zinc dis	NA	5	mg/L	0.0020	0.0590	0.0070	0.0190	0.0300
Hardness	NA	NA	mg/L	179.3	320.7	180.4	230.6	213.1
Arsenic dis	0.01	NA	mg/L	0.0004	0.0006	0.0006	0.0003	0.0004
Nitrate	10	NA	mg/L	5.6	3.3	5.9	2.9	6.6
Selenium	0.05	NA	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0006	0.0019	0.0013	0.0005	0.0003



## H.C. MAC H.C. AO

Sample ID				P181122040	P181122041	P181122042	P181122043
Location				S#10	S#7	S#8	Wilmot Wellfeild #1
Date				11/22/2018	11/22/2018	11/22/2018	11/22/2018
Address				277 Greenwood Drive	123 Walker Ave	507 MacEwen Road	855 Read Drive
City Sample Zone			Units	2	3	3	8
pH for Water	NA	7 to 10.5	pH	7.4	7.6	7.9	7.8
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	180	160	148	125
Chloride	NA	250.0	mg/L	137.8	242.9	53.7	16.6
Barium dis	1	0	mg/L	0.1809	0.6860	0.6074	0.3609
Calcium dis	NA	NA	mg/L	119.20	146.90	75.84	60.12
Potassium dis	NA	NA	mg/L	1.36	1.35	0.76	0.64
Copper dis	NA	1	mg/L	<0.0020	0.0020	0.0020	<0.0020
Iron dis	NA	0.3	mg/L	<0.0020	0.0030	<0.0020	<0.0020
Magnesium dis	NA	NA	mg/L	2.60	4.03	1.82	1.50
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.04	0.03	0.03	0.04
Sodium dis	NA	200.0	mg/L	55.17	73.94	15.83	7.38
Sulfate calc from S dis	NA	500	mg/L	16.33	20.72	9.40	11.18
Lead dis	0.01	NA	mg/L	<0.0001	<0.0001	<0.0001	<0.0001
Zinc dis	NA	5	mg/L	0.1420	0.0020	0.0120	0.0020
Hardness	NA	NA	mg/L	308.3	383.4	196.8	156.3
Arsenic dis	0.01	NA	mg/L	0.0002	0.0004	0.0004	0.0003
Nitrate	10	NA	mg/L	2.6	3.7	3.0	6.3
Selenium	0.05	NA	mg/L	<0.0002	<0.0002	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0002	0.0014	0.0007	0.0004





## H.C. MAC H.C. AO

Sample ID				P181122044	P181122045	P181122046	P181127066	P181127077
Location				Wilmot Wellfeild #2	Wilmot Wellfeild #3	Wilmot Wellfeild #4	ADL Plant	Wilmot Wellfeild #1
Date				11/22/2018	11/22/2018	11/22/2018	11/27/2018	11/27/2018
Address				855 Read Drive	855 Read Drive	855 Read Drive	79 Water Street	855 Read Drive
City Sample Zone			Units	8	8	8	6	8
pH for Water	NA	7 to 10.5	pH	7.7	7.7	7.8	7.8	7.9
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	127	131	121	131	142
Chloride	NA	250.0	mg/L	16.3	15.3	16.7	58.9	70.5
Barium dis	1	0	mg/L	0.3505	0.3089	0.4340	0.4958	0.2785
Calcium dis	NA	NA	mg/L	59.43	60.91	59.06	82.24	90.95
Potassium dis	NA	NA	mg/L	0.65	0.66	0.67	0.83	0.89
Copper dis	NA	1	mg/L	<0.0020	<0.0020	<0.0020	0.0130	<0.0020
Iron dis	NA	0.3	mg/L	<0.0020	0.0160	<0.0020	<0.0020	<0.0020
Magnesium dis	NA	NA	mg/L	1.52	1.58	1.57	2.00	1.81
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.04	0.04	0.03	0.03	0.04
Sodium dis	NA	200.0	mg/L	7.48	7.77	7.20	19.95	22.84
Sulfate calc from S dis	NA	500	mg/L	11.23	11.35	10.93	12.65	14.02
Lead dis	0.01	NA	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Zinc dis	NA	5	mg/L	0.0020	<0.0020	<0.0020	0.0020	0.0050
Hardness	NA	NA	mg/L	154.6	158.6	153.9	213.6	234.5
Arsenic dis	0.01	NA	mg/L	0.0003	0.0003	0.0003	0.0004	0.0004
Nitrate	10	NA	mg/L	6.0	5.3	6.1	5.5	4.1
Selenium	0.05	NA	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0004	0.0004	0.0006	0.0009	0.0006



## H.C. MAC H.C. AO

Sample ID				P181211064	P181211074
Location				ADL Plant	Wilmot Wellfeild #1
Date				12/11/2018	12/11/2018
Address				79 Water Street	855 Read Drive
City Sample Zone			Units	6	8
pH for Water	NA	7 to 10.5	pH	8.0	7.9
Alkalinity (ppm of CaCO <sub>3</sub> )	NA	NA	mg/L	131	151
Chloride	NA	250.0	mg/L	51.8	67.6
Barium dis	1	0	mg/L	0.6266	0.2703
Calcium dis	NA	NA	mg/L	76.52	89.81
Potassium dis	NA	NA	mg/L	0.75	0.80
Copper dis	NA	1	mg/L	0.0170	0.0030
Iron dis	NA	0.3	mg/L	<0.0020	0.0020
Magnesium dis	NA	NA	mg/L	1.94	1.71
Manganese dis	NA	0.05	mg/L	<0.0005	<0.0005
Phosphorus dis	NA	NA	mg/L	0.02	0.04
Sodium dis	NA	200.0	mg/L	16.54	20.69
Sulfate calc from S dis	NA	500	mg/L	11.22	13.80
Lead dis	0.01	NA	mg/L	0.0001	0.0001
Zinc dis	NA	5	mg/L	0.0030	0.0080
Hardness	NA	NA	mg/L	199.1	231.3
Arsenic dis	0.01	NA	mg/L	0.0003	0.0004
Nitrate	10	NA	mg/L	5.3	3.9
Selenium	0.05	NA	mg/L	<0.0002	<0.0002
Uranium	0.02	NA	mg/L	0.0010	0.0006