



2016

DRINKING WATER QUALITY

FINAL REPORT | APRIL 2017

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EXECUTIVE SUMMARY

This report summarizes the District of West Vancouver's water quality program for 2016. The program operates under the protocol developed in the Water Quality and Reporting Plan for Metro Vancouver and Member Municipalities; where objectives and monitoring results are in accordance with the *Guidelines for Canadian Drinking Water Quality* (GCDWQ).

The District operates a system that treats and distributes potable water supplied from two local sources, namely Eagle Lake and Montizambert Creek, and also distributes treated water received from Metro Vancouver (Capilano or Seymour sources). Detailed information regarding the Metro Vancouver supply can be found at <http://www.metrovancouver.org/services/water>.

Raw water from both Eagle Lake and Montizambert Creek sources is analyzed for bacteriological, physical and chemical parameters. Bacteriological testing in 2016 indicate the source waters to have very low presence of *Escherichia coli* (E. coli), giardia, and cryptosporidium.

Water throughout the distribution system was tested for bacteriological, physical and chemical parameters. Samples for total coliforms and E. coli were all negative with the exception of one positive sample. Resampling in accordance with the Canadian Drinking Water Quality Guidelines yielded a negative result. There was only one distribution sample for turbidity greater than the guideline of 5 NTU. The water mains were flushed in the area until turbidity levels returned to an acceptable level. Tests showed turbidity of less than 1 NTU in 98% of all distribution system samples. Of 599 chlorine residual tests, one sample tested lower than the recommended minimum level of 0.2 mg/L. Testing for the disinfection by-products, trihalomethanes and haloacetic acids, indicated levels were well within the Canadian Guidelines for all sites.

1.0 INTRODUCTION

This report summarizes the District of West Vancouver's water quality program for 2016. The purpose is to detail the municipality's efforts in maintaining high quality drinking water and to provide residents with the results of the sampling and analysis program.

Water suppliers in British Columbia are regulated by the Drinking Water Protection Act and the Drinking Water Protection Regulation (DWPR). The *Drinking Water Quality Annual Report* is a requirement of the Vancouver Coastal Health Authority (VCHA) in order to receive annual operating permits and is reviewed by the Medical Health Officer (MHO) for the North Shore. As requested by the MHO, this report shall be made public by a prominent web site posting at <http://www.westvancouver.ca>.

The District's water quality program is in accordance with the *Water Quality Monitoring and Reporting Plan for the GVRD and Member Municipalities, May 2000*, which was developed under the authority and direction of the Regional MHOs.

2.0 GENERAL DESCRIPTION

The District of West Vancouver operates two local water supplies and a distribution system consisting of a network of intakes, two treatment plants, reservoirs, chlorination stations, pressure reducing valve (PRV) stations, pumps, hydrants and mains. The system is required to adequately receive, store, and transport potable water to all users in West Vancouver. Key facilities are connected by a telemetry system (SCADA) to a central computer, which monitors the system 24 hours a day; identifying and communicating erroneous operating conditions to key personnel 24 hours a day, seven days a week.

3.0 SOURCE WATER WATERSHEDS

3.1 General

The municipality obtains water from three sources:

- Eagle Lake;
- Montizambert Creek; and
- Metro Vancouver's Capilano / Seymour Reservoirs.

From Horseshoe Bay to the eastern municipal boundary, residents are serviced by a water distribution system that is fed by both Eagle Lake and Metro source waters. While the distribution area for each source varies seasonally, in general, Eagle Lake water is received below the Upper Levels Highway, west of the McKechnie Reservoir, east to 29th Street and above the Upper Levels Highway east to the Chartwell neighbourhood. The municipality continues to expand the use of the Eagle Lake source whenever supplies permit in order to reduce the purchase of bulk water from Metro Vancouver. North of Horseshoe Bay at the

northern municipal boundary, the Sunset Highlands neighbourhood is serviced by the Montizambert Creek source, with the exception of the Seascapes multi-family development, which utilizes private wells.

3.2 Eagle Lake Treatment Plant

Located above Cypress Falls Park, Eagle Lake source waters flow through intake screens before entering the Eagle Lake treatment plant by gravity. The Eagle Lake facility is a Level 3 certified GE Membrane Treatment Plant and is compliant with the 4-3-2-1 multi-barrier approach as specified in the GCDWQ to ensure safe drinking water as mandated by the Health Authorities of British Columbia. When the lake level is below the elevation of the intake screens, floating pumps are required to pump water from the lower lake levels to the treatment plant. This occurs occasionally, typically during the late summer months.

Once the water enters the treatment facility, it passes through an automatic self cleaning bar screen to remove any floating debris. The water is pH adjusted and coagulant is added to optimize the membrane filtration process. The coagulated water is then pumped and filtered through three first stage submerged membrane filters. Once filtered, chemicals are added for disinfection. Fully treated water is stored in concrete reservoirs ready to be distributed.

3.2.1 Eagle Lake Water Treatment Plant Bypass and Optimization

In the event of an operational emergency the Eagle Lake plant may need to be bypassed in order to maintain water supply to the District's residents and for the provision of fire protection. In the event of a bypass, the source water will continue to be disinfected with sodium hypochlorite though at a higher dose to compensate for the loss of the filtration process. The chlorine contact time will be maintained during a bypass event.

All EOCP certified distribution and treatment staff are familiar with the details of the bypass procedure. The details of this procedure have been provided separately in the Eagle Lake Water Treatment Plant Emergency Response and Contingency Plan to VCHA.

The Eagle Lake Treatment Plant was not bypassed in 2016.

The infrastructure needed to optimize the use of the Eagle Lake supply system was completed in June 2010. Eagle Lake optimization allows the District to increase the supply of Eagle Lake water into the distribution system during non-peak periods. The District SCADA system is used to automatically monitor and prompt any required changes to the system based on plant conditions such as clearwell levels and system demand. Standby personnel monitor the Eagle Lake Water Treatment Plant operation 24/7 and VCH is informed should there be any changes to operational procedures.

3.3 Montizambert Treatment Plant

Located north of Horseshoe Bay, the Montizambert Treatment Plant is a Level 3 classified plant commissioned in September 2011. It is a Pall Membrane treatment plant compliant with the 4-3-2-1 multi-barrier approach as specified in the GCDWQ to ensure safe drinking water as mandated by the Health Authorities of British Columbia.

The source water from Montizambert Creek passes through a gravel filtration intake and a settling tank before entering the treatment facility. Once the water enters the plant it is mixed with a coagulant then pumped and filtered through the membranes. After the filtration process, sodium hypochlorate is added for disinfection and the water is stored in concrete reservoirs ready to be distributed.

3.3.1 Montizambert Water Treatment Plant Bypass

In the event of an operational emergency the Montizambert Water Treatment Plant may need to be bypassed to maintain water supply to residents and for the provision of fire protection. The plant is capable of two different types of bypass, one with cartridge filters (3 microns nominal) and the second without. The use of cartridge filters will be determined on a case-by-case basis. For either procedure, the water will continue to be disinfected with sodium hypochlorite and adjusted to an appropriate dosage rate depending on the bypass process in place. The chlorine contact time will be maintained during a bypass event.

All EOCP certified distribution and treatment staff are familiar with the details of the bypass procedure. This procedure has been provided separately in the Montizambert Creek Water Treatment Plant Emergency Response and Contingency plan to VCHA.

The Montizambert Water Treatment Plant was not bypassed in 2016.

3.4 Metro Vancouver

Bulk treated water purchased by the District from Metro Vancouver is supplied from the Seymour and Capilano watersheds. This water enters the municipality's distribution system at five locations:

- Glenmore Reservoir,
- Mathers Avenue and Capilano Road,
- Keith Road and Upper Levels Highway,
- Marine Drive and Capilano Road, and
- Capilano Road and Welch Street.

3.5 Challenges

Challenges to the quality and quantity of the source water include:

- maintaining a balance between public access for recreation (e.g. portions of the Baden Powell Trail above Eagle Lake) and security of the watershed for protection of drinking water quality;
- physical disturbances in watersheds such as soil erosion into creeks, which lead to turbidity spikes;
- vulnerability of open water sources to contamination from animal and human activity;
- maintaining creek flow supplementation for fish habitat during the summer months, when Eagle Lake level is low; and
- low flow conditions in Montizambert Creek during drier summer months.

4.0 REGULATIONS AND STANDARDS FOR SOURCE WATER AND THE DISTRIBUTION SYSTEM

Both source waters and water within the distribution system are tested for microbiological, chemical and physical parameters. For the purposes of the municipality's water quality sampling program, the locations monitoring Metro water are treated as 'distribution' sites not 'source' sites. That being said, some Metro sample points are located close to the entry points to the municipal distribution system.

The Drinking Water Protection Regulation (DWPR) requires 1 sample/1000 residents on a monthly basis for cities with a population between 5,000 and 90,000 residents. During 2016, the District of West Vancouver had approximately 45,000 residents, which translates to a minimum of 540 samples required annually. The total number of samples collected by the District during 2016 was 599; exceeding the requirements of the DWPR for the number of stations and samples provided.

Further to the information outlined below, full details outlining the health-based guidelines for water quality in Canada, established on behalf of the Federal-Provincial-Territorial Committee on Drinking Water, can be found on Health Canada's website.

4.1 Microbiological Parameters

Under the Guidelines for Canadian Drinking Water Quality (GCDWQ) the most vital guidelines are those dealing with microbiological contaminants. The District of West Vancouver follows the guidelines by taking the required samples at the regulated times.

Samples are taken monthly at the Montizambert and Eagle Lake sources for *Cryptosporidium* and *Giardia*. The treatment goal for these two parameters is a minimum of 3-log removal.

Escherichia coli (E. coli) samples are taken bi-weekly at the source and weekly throughout the distribution system. E. coli is an indicator of microbiological safety and the GCDWQ maximum allowable concentration within the distribution system is none detected per 100 mL sample.

Heterotrophic Plate Count (HPC) is tested bi-weekly at the source as well as weekly throughout the distribution system. Although it is naturally occurring and has no limits under the guideline, it is a good monitoring tool for general bacteriological water quality.

Total Coliforms are sampled bi-weekly at the source and weekly throughout the distribution system. Total coliforms are not used as indicators of potential health effects from pathogenic microorganisms; they are used as an operational tool to determine how well the drinking water treatment system is operating. When sampled in the distribution system the GCDWQ states that no consecutive samples contain total coliform and that no more than 10% of samples taken contain total coliform. Total coliform detected in the distribution system can be an indication of re-growth of bacteria in distribution biofilms or intrusion of untreated water.

IG MicroMed Environmental Inc. conducted the analysis for Giardia and Cryptosporidium and Metro Vancouver Laboratories conducted analysis for Total Coliform, E. coli and HPC.

4.2 Physical Parameters

4.2.1 Turbidity

Turbidity describes the amount of suspended solids in water. It is measured in nephelometric turbidity units (NTU). The presence of turbidity can have significant effects on both the microbiological quality of water and the detection of the bacteria and viruses. The target turbidity for treated water from the Eagle Lake and Montizambert Water Treatment Plants is less than 0.1 NTU with the intent not to exceed 0.3 NTU at any time. The Guidelines for Canadian Drinking Water Quality supporting documentation states that the turbidity should not exceed 5.0 NTU within the distribution system especially at the point of consumption for aesthetic purposes.

4.2.2 Temperature

The aesthetic guideline for temperature is 15°C. Typically, the temperature of drinking water for both the source water and the distribution system rises during summer months. District staff appreciate that higher temperatures in the distribution system can affect chlorine residuals and can contribute to bacterial re-growth. Tests are completed on a regular basis throughout the distribution system to ensure acceptable water quality.

4.2.3 Colour

The physical parameter of colour is tested together with chemical parameters for Eagle Lake and Montizambert source water. With respect to colour, the GCDWQ specifies an aesthetic objective of less than 15 true colour units (TCU) for treated water.

4.3 Inorganic and Organic Chemical Parameters

Testing of source waters for chemical parameters, including bromate, bromide, chlorate, chloride and sodium is conducted semi-annually at both Eagle Lake and Montizambert Creek.

In the distribution system, chemical parameters tested include chlorine residual, pH and disinfection by-products. Chlorine residual is measured at all sampling sites when bacteriological samples are collected; additionally, there are several online chlorine analyzers for continuous monitoring through the distribution system.

4.3.1 Disinfection By-Products

Disinfection by-products are formed when chlorine reacts with natural organic matter. The two main disinfection by-products of concern when disinfecting with sodium hypochlorite are trihalomethanes (THMs) and haloacetic acids (HAAs). THMs and HAA's are included in the GCDWQ with maximum acceptable concentration (MAC) of 0.1 mg/l and 0.08 mg/l respectively.

4.3.2 pH

The waters acidity or basicity is measured as pH. The GCDWQ recommends a pH in the range of 6.5 - 8.5 as a treatment objective. Both Eagle Lake and Montizambert sources trend toward the lower boundary of 6.5.

It is recognized that acidic water will accelerate the corrosion of metal pipes as well as hinder the treatment process and the pH is adjusted to the 7.3 – 7.5 range for the Eagle Lake supply. Sodium hydroxide is used to achieve this objective. No adjustment is made to the Montizambert supply.

4.3.3 Metals

The District's water quality sampling and monitoring program includes semi-annual testing at four locations within the distribution system for a variety of metals.

5.0 TESTING, SAMPLE ANALYSIS AND RESULTS

Microbiological testing was conducted at a total of 39 sampling sites plus the Eagle Lake and Montizambert Creek source locations. The monitoring protocol dictates that 12-13 sites per week are sampled according to a breakdown as follows: 10% source water, 10% low flow/dead end locations, 40% medium flow locations, and 40% high flow locations. Table 1 outlines the District's water sampling and testing calendar.

Table 1: Water and Sampling and Testing Calendar

Water Type	Parameter	Frequency
Sources Eagle Lake Montizambert Creek	Microbiological, Turbidity, Temperature	Bi-weekly
	Giardia, Cryptosporidium	Monthly
	Chemical, physical list	Semi-annually
Distribution System	Microbiological, Turbidity, Temperature	Weekly (not at every site)
	HAA's, THM's, pH	Quarterly
	Metals	Semi-annually

5.1 Sample Analysis – Source Water (untreated)

At Eagle Lake, 27 bi-weekly source water samples were tested. 20 samples showed a most probable number (MPN) of less than 1 per 100 mL and 7 samples showed presence of E. coli ranging from 1 to 15 MPN/100mls. Testing for total coliforms showed results ranging from 24 to 2420 MPN/100mls in the raw, untreated source water.

Table 2A: Eagle Lake Source Water Microbiological and Physical Parameters

Location	Samples	Turbidity(NTU)			Temperature °C (Aesthetic)			Total Coliform (MPN/100mls)			Ecoli (MPN/100mls)			HPC (CFU/100mls)		
		Min.	Max.	Ave.	Min.	Max.	Ave.	Min.	Max.	Ave.	Min.	Max.	Ave.	Min.	Max.	Ave.
WEAG-LK1	27	0.26	0.89	0.40	3	20	8.46	24	2420	326	<1	15	1.7	70	760	261

At Montizambert Creek, the 25 bi-weekly samples were tested for E.coli with 15 samples yielding results of less than 1 MPN, 5 samples indicated 1 MPN and the remaining 5 samples showed presence of E. coli up to 3 MPN/100mls. Total Coliform testing results ranged from 10 to 260 MPN/100mls in the raw, untreated source water.

Table 2B: Montizambert Creek Source Water Microbiological and Physical Parameters

Location	Samples	Turbidity(NTU)			Temperature °C (Aesthetic)			Total Coliform (MPN/100mls)			Ecoli (MPN/100mls)			HPC (CFU/100mls)		
		Min.	Max.	Ave.	Min.	Max.	Ave.	Min.	Max.	Ave.	Min.	Max.	Ave.	Min.	Max.	Ave.
WMZ-CK1	25	0.22	3.6	1.13	2	15	7.8	10	260	97	<1	3	2	76	570	211

Giardia and Cryptosporidium testing was conducted monthly for both sources. Eagle Lake and Montizambert Creek showed no positive sample results.

Source water chemistry testing is conducted at Eagle Lake and Montizambert on a semi-annual basis. Source water chemistry testing results are shown in Appendix B along with a full range of other chemicals parameters which are not included in the guidelines but are still monitored by the District.

5.2 Sample Analysis – Distribution System

A map of the District’s water distribution system with sampling locations and an address list for the sampling sites is included in Appendix A. The naming convention for the sample number and sample bottle reflects a reference to either Metro Vancouver (WVR) or Eagle Lake (WEAG) as the water source. Depending on the hydraulic conditions, water can be provided from either Eagle Lake or Metro Vancouver for some locations.

In the event of the detection of total coliforms and E. coli in a sample, Municipal and VCH staff are notified via the Metro Labs. The response procedures are outlined in Section 8.1 of this report. One sample had elevated Total Coliforms and E. coli in 2016 and the retests are documented below and within the sampling results in Appendix C.

The following chart documents the total coliforms and E. coli retests for Station 771.

Date	Location	Sample	Cl ₂ Residual (mg/L)	Total Coliforms (cfu / 100 mL)	E. coli (cfu / 100 mL)
16/08/15	WEAG 771	Grab	0.77	53	31
16/08/16	WEAG 771	Retest	0.65	<1	<1
17/08/17	WEAG 771	Retest	0.68	<1	<1
18/08/18	WEAG 771	Retest	0.81	<1	<1

Two samples out of 599 samples from the distribution system showed HPC counts that exceeded 500 CFU/100 mL; in no instance did this correspond to the presence of E.coli or Total Coliforms. Elevated HPC is not an indication for water safety concerns but an operational indicator of possible stagnation and potential degradation of water quality. Where HPC results exceeded 500 CFU/100 mL the water mains were flushed and the turbidity readings and chlorine residuals re-checked.

All samples for the Eagle Lake, Montizambert and Metro Vancouver testing results met the guideline of greater than 0.2 mg/L chlorine residual, except for one sample in the Whytecliffe Park area. All turbidity samples for the distribution system supplied by Eagle Lake and Metro Vancouver met the GCDWQ aesthetic objective of being below 5 NTU except for one instance of a turbidity level of greater than 5 NTU in the Eagle Lake supply. The District responded by alerting VCH and the corresponding sections of main were flushed until a satisfactory result was obtained.

A complete record of the water sampling results can be found in Appendix C and Table 3 and Table 4 below summarize the results by the sampling sites.

Table 3: Distribution System Microbiological and Physical Parameters (WVR Sites)

Location ID	Chlorine Residual (ppm)	Turbidity (NTU)			Temperature (°C)			HPC (CFU/ml)			Ecoli MPN/100 mLS	Total Coliforms MF/100mLS			
													GCDWQ Guideline		Not Less than 0.2
No. Samples	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.			
WVR-711	13	0.68	0.96	1.28	0.12	0.17	0.26	6	11	16	<2	2	16	<1	<1
WVR-712	13	0.23	0.71	1.55	0.11	0.19	0.32	4	11	20	<2	29	320	<1	<1
WVR-718	14	0.43	0.71	0.96	0.09	0.17	0.40	5	13	25	<2	11	72	<1	<1
WVR-719	2	0.73	0.98	1.22	0.11	0.18	0.24	8	12	16	<2	<2	<2	<1	<1
WVR-761	12	0.20	0.56	1.21	0.19	0.68	2.70	3	11	17	<2	490	4300	<1	<1
WVR-764	13	0.71	1.00	1.38	0.10	0.19	0.27	3	10	18	<2	<2	2	<1	<1
WVR-768	1	0.75	0.75	0.75	0.38	0.38	0.38	7	7	7	<2	<2	<2	<1	<1
WVR-779	1	0.97	0.97	0.97	0.17	0.17	0.17	14	14	14	<2	<2	<2	<1	<1
WVR-786	1	0.98	0.98	0.98	0.22	0.22	0.22	6	6	6	<2	<2	<2	<1	<1
WVR-788	1	1.10	1.10	1.10	0.11	0.11	0.11	8	8	8	<2	<2	<2	<1	<1
WVR-790	24	0.37	0.81	1.46	0.17	0.44	1.50	4	11	19	<2	2	10	<1	<1
WVR-791	13	0.47	0.82	1.28	0.09	0.18	0.39	5	9	17	<2	<2	2	<1	<1
WVR-792	24	0.30	0.79	1.34	0.12	0.23	0.46	3	11	19	<2	<2	4	<1	<1
WVR-793	13	0.25	0.88	1.58	0.13	0.19	0.27	6	11	19	<2	2	4	<1	<1
WVR-794	13	0.47	0.75	1.20	0.13	0.18	0.27	5	12	18	<2	3	16	<1	<1
WVR-795	12	0.37	0.75	1.30	0.12	0.21	0.48	6	12	18	<2	2	6	<1	<1
WVR-796	26	0.51	0.91	1.55	0.09	0.17	0.39	4	11	18	<2	6	30	<1	<1
WVR-797	13	0.41	0.82	1.09	0.10	0.31	1.3	5	11	18	<2	4	8	<1	<1
WVR-880	1	1.30	1.30	1.30	0.13	0.13	0.13	10	10	10	<2	<2	<2	<1	<1

Table 4: Distribution System Microbiological and Physical Parameters (WEAG and WMZ Sites)

Location ID	Chlorine Residual (ppm)	Turbidity (NTU)			Temperature (°C)			HPC (CFU/ml)			Ecoli MPN/100 mls	Total Coliforms MF/100 mls			
													GCDWQ Guideline		Not Less than 0.2
No. Samples	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.			
WEAG-710	13	1.09	1.38	2.07	0.07	0.18	0.34	1	10	21	<2	3	10	<1	<1
WEAG-716	26	0.58	1.01	1.54	0.09	0.32	1.10	5	12	22	<2	3	14	<1	<1
WEAG-719	24	0.50	0.95	1.47	0.09	0.24	1.30	4	13	22	<2	6	42	<1	<1
WEAG-761	1	0.26	0.26	0.26	0.78	0.78	0.78	6	6	6	<2	<2	<2	<1	<1
WEAG-765	13	0.95	1.32	2.07	0.07	0.21	0.64	1	10	21	<2	38	180	<1	<1
WEAG-768	13	0.84	1.06	1.49	0.16	0.32	1.10	5	12	21	<2	2	4	<1	<1
WEAG-769	13	0.63	0.99	1.54	0.10	0.17	0.48	5	13	24	<2	<2	2	<1	<1
WEAG-770	26	0.51	0.95	1.52	0.09	0.19	0.43	4	12	24	<2	2	8	<1	<1
WEAG-771	26	0.47	1.03	1.75	0.11	0.36	4.50	5	12	24	<2	6	56	<1	<1
WEAG-772	26	0.21	1.01	1.53	0.10	0.29	2.30	5	12	22	<2	2	14	<1	<1
WEAG-773	11	0.17	0.63	1.05	0.12	0.29	0.94	5	12	21	<2	3	8	<1	<1
WEAG-774	15	0.71	1.09	1.41	0.09	0.30	1.40	5	12	23	<2	2	6	<1	<1
WEAG-776	13	0.22	0.96	1.94	0.06	0.19	0.71	5	12	22	<2	2	6	<1	<1
WEAG-778	26	0.73	1.18	1.55	0.07	0.23	0.72	4	11	22	<2	<2	2	<1	<1
WEAG-779	12	0.66	1.07	1.66	0.10	0.16	0.27	5	12	20	<2	<2	4	<1	<1
WEAG-780	13	0.92	1.18	1.84	0.11	0.25	0.55	5	11	20	<2	<2	4	<1	<1
WEAG-783	13	0.88	1.21	1.54	0.09	0.21	0.66	0	13	24	<2	3	8	<1	<1
WEAG-784	13	0.58	1.09	1.72	0.13	0.30	0.59	4	11	21	<2	2	6	<1	<1
WEAG-785	13	0.73	1.11	1.89	0.14	0.24	0.45	5	12	21	<2	3	10	<1	<1
WEAG-786	12	0.86	1.11	1.35	0.07	0.19	0.43	3	11	20	<2	2	6	<1	<1
WEAG-787	13	0.83	1.09	1.44	0.83	1.56	17	4	11	20	<2	3	10	<1	<1
WEAG-788	12	0.88	1.20	1.56	0.08	0.17	0.33	3	12	20	<2	<2	2	<1	<1
WEAG-790	2	0.76	0.80	0.83	0.22	0.27	0.32	10	11	11	<2	<2	<2	<1	<1
WEAG-792	2	0.64	0.74	0.84	0.19	0.22	0.24	11	11	11	<2	<2	2	<1	<1
WEAG-795	1	0.41	0.41	0.41	0.26	0.26	0.26	12	12	12	<2	<2	<2	<1	<1
WEAG-880	12	0.33	0.84	1.33	0.10	0.19	0.27	4	12	22	<2	3	12	<1	<1
WMZ-781	14	0.71	1.19	1.63	0.09	0.15	0.20	0.9	10	22	<2	<2	2	<1	<1
WMZ-782	13	0.29	0.88	1.50	0.13	1.15	4.10	3	11	18	<2	13	92	<1	<1

Testing for metals within the distribution system are summarized in Appendix C. All the sampling results were well within GCDWQ guidelines.

Disinfection by-products are formed when chlorine reacts with natural organic matters. The two main categories of disinfection by-products are trihalomethanes (THMs) and haloacetic acids (HAAs) which are monitored on a quarterly basis at a total of 10 sites. The test results are presented as a running quarterly average for both THMs and HAAs; reported results for quarterly averages of THMs and HAAs did not exceed the guideline levels within the distribution system. The quarterly averages are listed in Appendix C.

The level of natural organic matter is typically characterized by measuring total organic carbon (TOC) in a laboratory. Organic carbons originate in water from partially dissolved organic matter from material such as algae, leaves, bark, wood, soil; these materials can also be attributed to a significant portion of the colour found in natural water sources. TOC levels are within expected levels.

5.3 Distribution System – Water Main Replacement

An additional factor in water quality is the timely replacement of water mains. Factors related to capacity, flow characteristics and internal pipe condition may all improve water quality. The following table highlights the mains replaced in 2016 and lists the mains to be replaced in 2017.

2016 Water Main Construction	2017 Planned Water Main Construction
A: 122-1400 Block Ottawa Ave, Nepal Cr. & Nepal Pl.- 823 m	A: 2600 Block Queens avenue- 490 m
B: 1300-1400 Block Kings Ave & Duncan St- 510m	B: 23rd Street- Kings to Mathers- 200 m
C: 13th Street: Kings to Inglewood- 247m	C: 1400 Chartwell- 556 m
D: 4500 Woodgreen Drive- 250 m	D: 1300 Cammeray- 365 m
E: 27th Street: Queens to End- 70 m	E: Brothers Creek Crossing- 200 m
F: 4600 Caulfield Drive- 265 m	F: 800 Fairmile- 330 m

6.0 PUBLIC NOTIFICATION

6.1 Drinking Water Advisory/Boil Water Advisory

2016 was free of significant turbidity events from the Metro Vancouver, Eagle Lake and Montizambert sources with the exception of some minor localized elevated levels of turbidity. In response to these events District staff initiated system flushing. The regional health officers did not issue any boil water advisories.

6.2 General Drinking Water Quality Advisory

No General Drinking Water Advisories were issued in 2016.

7.0 OPERATOR QUALIFICATIONS AND TRAINING

Further to the *Drinking Water Protection Act*, the Drinking Water Protection Regulation (DWPR) came into effect May 16, 2003. The regulation includes the classification of distribution and treatment systems and the qualification standards for persons operating these systems through the Environmental Operators Certification Program (EOCP).

The District's water distribution system is classified as Level 4. Legislation is pending on the target deadline for the minimum certification requirements for District staff operating, maintaining, or repairing the water system. Nevertheless, the District continues to work towards having operators certified to EOCP Level 4. Treatment plants are assessed separately, and as noted in sections 3.2 and 3.3; both the Eagle Lake and Montizambert Treatment Plants are classified as Level 3 facilities.

7.1 Operator Qualifications

The municipality has a distribution system staff of six operators and one supervisor and a treatment staff of three treatment operators. One treatment position was vacant for the second half of 2016.

In 2016, the District staff maintained the following certification levels:

Water Distribution:

- Level 4 – one supervisor and one operator
- Level 2 – three operators
- Level 1 – two operators

Water Treatment:

- Level 3 – one operator (vacant 2nd half of 2016)
- Level 1 – two operators

Staff are encouraged to take courses that will enable them to advance to higher EOCP certification levels. It should also be noted all operators are required to take a prescribed amount of education and training to keep their certifications in good standing.

8.0 EMERGENCY RESPONSE PLANS

8.1 E. coli Positive Response

If a sample analyzed by Metro Vancouver Laboratories is tested positive for E. coli, the following response plan will occur.

1. The municipality's water quality personnel and the MHO will be notified via the Metro laboratory.
2. Results of interim samples, if any, from the site will be examined. (Interim samples are any samples that may have been taken from the site in the period between when the E. coli positive sample was taken and when it was determined to be E. coli positive.)
3. Arrangements will be made for the immediate collection of a repeat sample (including, where possible, samples from upstream and downstream of the E. coli positive sample location).
4. Water treatment personnel will be contacted to determine if an interruption of source water disinfection had occurred in the period before the E. coli positive sample was taken.
5. The chlorine residual for the sample noted on the sampler's Water Sample Data Sheet will be reviewed to determine if a localized loss of disinfectant residual has occurred.
6. All water utility personnel will be contacted to determine if there has been any loss of pressure or other unusual events that may have led to contaminants entering the water system.
7. The need for boil water advisory will be evaluated and if deemed necessary by the MHO, the VCHA and the municipality will carry out various means to inform the public. Metro Vancouver will be informed of this public advisory.
8. The MHO and District staff shall determine the extent of the boil water advisory.
9. Metro Labs will initiate procedures necessary for the identification of E.coli with standard biochemical tests.
10. The District will provide the MHO with repeat sample results and continue to sample until three consecutive samples show no E.coli detectable per 100 mLs.

8.2 Chemical or Biological Contamination Response

In the event of chemical or biological contamination, in either of the source waters (Eagle Lake, Montizambert Creek) or in the distribution system, the MHO will be immediately notified. The chemical will be identified and any public health risk factors associated with the chemical presence in the potable water will be determined. Steps will be taken to isolate the contaminated zone area and the level of contamination will be determined through water testing and sampling. Through consultation with the MHO, a public advisory will be communicated. All steps to ensure public health and safety including, if necessary, banning of water usage will be undertaken.

8.3 Turbidity Response

In general, turbidity has not been a persistent problem in the District's water supply (see Section 4.2.1), although on occasion, elevated levels can be experienced. Water quality has improved greatly with the introduction of the Eagle Lake and Montizambert Membrane Filtration Facilities, which produce treated water with turbidity of less than 0.1 NTU. As well, the commissioning of the Seymour-Capilano twin tunnels in 2015, which ensures all the water received from Metro Vancouver has gone through the Seymour-Capilano Filtration Plant has had a positive effect.

Since all water supply sources to the District of West Vancouver are currently filtered, an elevated turbidity event is very unlikely. Nevertheless, if an elevated turbidity event does occur, representatives from Metro Vancouver, the Health Authorities, and local municipalities will review communications protocols. Meanwhile, the District continues to follow an existing turbidity response plan, which was developed in cooperation with the VCHA. The approach understands the need to increase and maintain chlorine dosage rates and residuals during periods of elevated turbidity while minimizing the levels of disinfection by-products whenever possible.

The following actions will be taken regarding turbidity in source waters.

1. The District will conduct regular sampling of Eagle Lake and Montizambert sources to monitor turbidity.
2. The District will take into consideration the effectiveness of increased chlorine dosage, the chlorine contact time, the source of turbidity, and the quality of the Metro Vancouver supply in its response to minimizing the amount of turbidity entering the water system.
3. A turbidity level of >1 NTU will be the trigger for municipal operational actions.
4. During turbidity events >1 NTU, the level of primary chlorination at Eagle Lake and Montizambert sources and at any secondary chlorination points will be increased accordingly.
5. During turbidity events of >5 NTU, a rigorous sampling program for microbiological activity throughout the distribution system will be conducted.
6. During turbidity events of >5 NTU, a public communication may be issued in consultation with the Health Authority.
7. During turbidity events >2 NTU and <3 NTU, the District will consider switching to the Metro Vancouver supply, depending on the turbidity of that supply.
8. During turbidity events >3 NTU, the District will switch to the Metro Vancouver supply, if possible, should the turbidity of that supply be <1 NTU.
9. Two consecutive days of turbidity <1 NTU shall pass before lowering chlorine dosage to pre-event levels.
10. During turbidity events of >5 NTU and while the Eagle Lake treatment plant is in bypass mode, the District may issue a boil water advisory in conjunction with the MHO to residents receiving such water.

11. After a turbidity event of >5 NTU, two consecutive days of turbidity <1 NTU shall pass before rescinding the water quality advisory.

8.4 Response to Interruption of Secondary Disinfection

The District's SCADA system constantly monitors the secondary chlorination stations. This system automatically alerts utility personnel of any disinfection failures, all of which are reported to VCH. Utility personnel carry out immediate repairs to equipment and if necessary, manual disinfection is established. Chlorine residual samples are taken at various points in the distribution system to ensure adequate free chlorine residual is present. In cases where chlorine residual is less than 0.2 mg/L, municipal crews will flush the affected area until the desired level is achieved.

Upon notification by Metro Vancouver Operations that an interruption in disinfection has occurred at Metro facilities, the municipality will immediately commence monitoring of chlorine residuals at strategic locations in the Metro Vancouver supply area. The monitoring will continue until disinfection is resumed and desired levels have been reached within the distribution system.

No manual disinfection protocol was used in 2016.

9.0 CONCLUSIONS

Overall, the residents of West Vancouver enjoy a very high quality of drinking water. Given the protected nature of the Eagle Lake and Montizambert Creek watersheds, very low levels of E. coli, giardia, and cryptosporidium exist in the raw source waters.

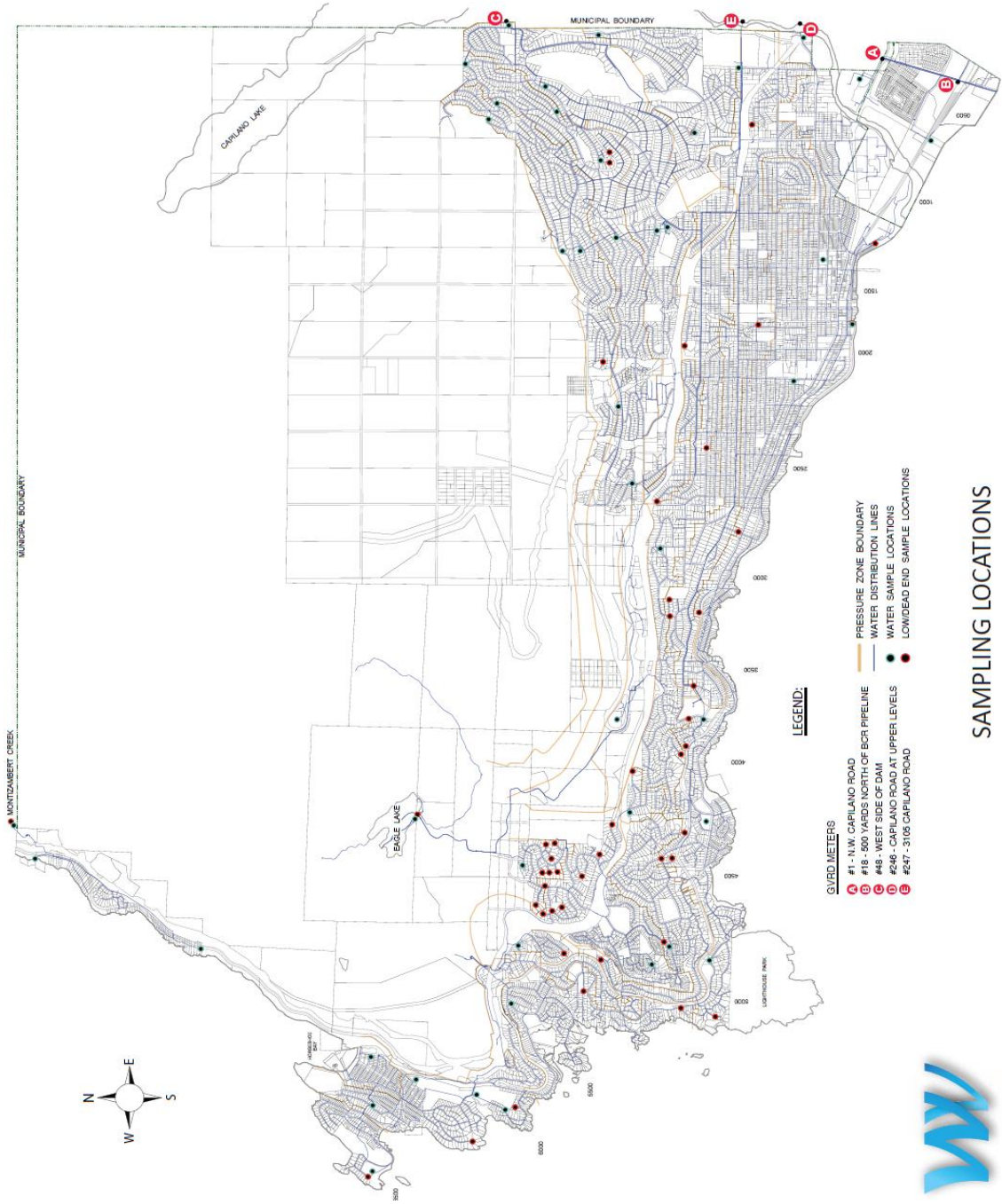
In 2016, the District's distribution water supply easily met the requirements as outlined in the Guidelines for Canadian Drinking Water Quality.

District staff continues to take a balanced approach and employ best management practices in the operation and maintenance of the water system to maintain high water quality.

In closing, the District appreciates the good working relationship with public health staff and acknowledges the Health Authority as a partner in maintaining high quality drinking water in the municipality.

APPENDIX A

1. Map of Water System Sampling Locations



SAMPLING LOCATIONS

2. Water Sampling Locations by Address

DISTRICT OF WEST VANCOUVER					
WATER SAMPLE LOCATIONS					
Supply Source	Address	Description	Flow Type	Sample #	Bottle #
METRO VANCOUVER	1020 Groveland Road	Sample Kiosk	High	DmWWR-711	G711
Require 12 samples	510 Ballantree Road	Sample Kiosk	Medium	DmWWR-712	G712
Bi-weekly	670 Holmbury Place (DBP Sample Only)	House	Low/Dead End	DmWWR-713	G713
	The Dale & Marine	Sample Kiosk	High	DmWWR-716	G716
No Source on this	111 - 18th Street (DBP Sample Only)	Hydrant	Low/Dead End	DmWWR-717	G717
system	885 - 22nd Street	Church	High	DmWWR-718	G718
	2600 Chelsea Court	Pump House	Medium	DmWWR-719	G719
	243 Rabbit Lane	Sample Kiosk	Low/Dead End	DmWWR-761	G761
	111 Bridge Road	Sample Kiosk	Medium	DmWWR-764	G764
	5459 West Vista Court	House	Low/Dead End	DmWWR-765	G765
	2185 Gisby Street	Sample Kiosk	Medium	DmWWR-768	G768
	1210 Chartwell Drive	Sample Kiosk	High	DmWWR-769	G769
	3828 Bayridge Avenue	Sample Kiosk	High	DmWWR-770	G770
	6406 Bruce St.	House	Medium	DmWWR-771	G771
	6470 Madrona Crescent	Reservoir	Medium	DmWWR-772	G772
	Whycliffe Park	Sample Kiosk	Low/Dead End	DmWWR-773	G773
	6117 Glen Eagles Drive	Sample Kiosk	High	DmWWR-774	G774
	3755 Cypress Bowl Road	Sample Kiosk	Medium	DmWWR-776	G776
	6190 Marine Drive	Sample Kiosk	Medium	DmWWR-778	G778
	1370 Burnside Road	Pump House	High	DmWWR-779	G779
	5634 Westhaven Road	Sample Kiosk	Medium	DmWWR-780	G780
	4520 Almondel Place	PRV Station	Medium	DmWWR-783	G783
	5759 Primrose Place	Sample Kiosk	Medium	DmWWR-784	G784
	4820 Headland Drive	Hydrant	High	DmWWR-785	G785
	1158 Millstream Road	Sample Kiosk	High	DmWWR-786	G786
	2711 Willoughby Road	Sample Kiosk	High	DmWWR-787	G787
	1551 Vinson Creek Road	Pump House	High	DmWWR-788	G788
	19 Glenmore Drive	Pump House	High	DmWWR-790	G790
	200 Keith Road	Klee Wyck Nursery	High	DmWWR-791	G791
	76 Bonnymuir Drive	Pump House	Medium	DmWWR-792	G792
	559 Kildonan Road	Sample Kiosk	Low/Dead End	DmWWR-793	G793
	702 Barnham Road	Sample Kiosk	Medium	DmWWR-794	G794
	620 Kenwood Road	Sample Kiosk	Medium	DmWWR-795	G795
	315 Mathers Avenue	House	High	DmWWR-796	G796
	395 Klahanie Court	Sample Kiosk	Medium	DmWWR-797	G797
	965 Cross Creek Road	Pump House	High	DmWWR-880	G880
	4778 Woodgreen Dr.	Sample Kiosk	High	DmWWR-710	G710
Sample locations may deviate slightly if sampling point is not accessible.					
*** Denotes site sampled semi-annually for detailed analysis.					
Sampling Stations by Flow: 10% - Source 10% - Low Flow/Dead End 40% - Medium Flow 40% - High Flow					

DISTRICT OF WEST VANCOUVER					
WATER SAMPLE LOCATIONS					
Supply Source	Address	Description	Flow Type	Sample #	Bottle #
Eagle Lake	1020 Groveland Road	Sample Kiosk	High	DmWEAG-711	E711
Require 12/13 samples	510 Ballantree Road	Sample Kiosk	Medium	DmWEAG-712	E712
Bi - Weekly	670 Holmbury Place (DBP Sample Only)	House	Low/Dead End	DmWEAG-713	E713
	The Dale & Marine	Sample Kiosk	High	DmWEAG-716	E716
	2600 Chelsea Court	Pump House	Medium	DmWEAG-719	E719
	243 Rabbit Lane	Sample Kiosk	Low/Dead End	DmWEAG-761	E761
	5459 West Vista Court	House	Low	DmWEAG-765	E765
	2185 Gisby Street	Sample Kiosk	Medium	DmWEAG-768	E768
	4778 Woodgreen Drive	Sample Kiosk	High	DmWEAG-710	E710
	1210 Chartwell Drive	Sample Kiosk	High	DmWEAG-769	E769
	3828 Bayridge Avenue	Sample Kiosk	High	DmWEAG-770	E770
	6406 Bruce Street	House	Medium	DmWEAG-771	E771
	6470 Madrona Crescent	Reservoir	Medium	DmWEAG-772	E772
	Whycliffe Park	Sample Kiosk	Low/Dead End	DmWEAG-773	E773
	6117 Gleneagles Drive	Sample Kiosk	High	DmWEAG-774	E774
	3755 Cypress Bowl Road	Sample Kiosk	Medium	DmWEAG-776	E776
	6190 Marine Drive	Sample Kiosk	Medium	DmWEAG-778	E778
	1370 Burnside Road	Pump House	High	DmWEAG-779	E779
	5634 Westhaven Road	Sample Kiosk	Medium	DmWEAG-780	E780
	4520 Almondal Place	PRV Station	Medium	DmWEAG-783	E783
	5759 Primrose Place	Sample Kiosk	Medium	DmWEAG-784	E784
	4820 Headland Drive	Hydrant	High	DmWEAG-785	E785
	1158 Millstream Road	Sample Kiosk	High	DmWEAG-786	E786
	2711 Willoughby Road	Sample Kiosk	High	DmWEAG-787	E787
	1551 Vinson Creek Road	Pump House	High	DmWEAG-788	E788
	19 Glenmore Drive	Pump House	High	DmWEAG-790	E790
	76 Bonnymuir Drive	Pump House	Medium	DmWEAG-792	E792
	559 Kildonan Road	Sample Kiosk	Low/Dead End	DmWEAG-793	E793
	702 Barnham Road	Sample Kiosk	Medium	DmWEAG-794	E794
	620 Kenwood Road	Sample Kiosk	Medium	DmWEAG-795	E795
	315 Mathers Avenue	House	High	DmEAG-796	E796
	965 Cross Creek Road	Pump House	High	DmWEAG-880	E880
2 Source per Month	Eagle Lake ***	Source	Source	DmWEAG-LK1	E-LK1
Montizambert Creek	8005 Pasco Road	Sample Kiosk	Dead End	DmWMTZ-781	MZ-781
2 Samples per Month	8995 Lawrence Way	Sample Kiosk	Dead End	DmWMTZ-782	MZ-782
2 Source per Month	Montizambert Creek ***	Source	Source	DmWMZ-CK1	MZ-CK1
Metals Analysis					
Semi - annual	8995 Lawrence Way	Marina - Hose Bib		DmWMZ-782	MZ-782
	Gleneagles Elementary School	Internal Faucet		DmWEAG/WVR-789	E/G-789
	Cypress Park Elementary School	Internal Faucet		DmWEAG/WVR-798	E/G-798
	Hollyburn Elementary School	Internal Faucet		DmWVR-799	G-799
Sample locations may deviate slightly if sampling point is not accessible.					
*** Denotes site sampled semi-annually for detailed analysis.					
Sampling Stations by Flow: 10% - Source 10% - Low Flow/Dead End 40% - Medium Flow 40% - High Flow					

APPENDIX B

1. Source Water Quality – Eagle Lake

Sample Name	Sample Type	Sample Reported Name	Sampled Date	Turbidity NTU	Temperature °C	Total Coliform MPN/100mLs	Ecoli MPN/100mLs	HPC CFU/mls
WEAG-LK1	Grab	Eagle Lake Source	11-Jan-16	0.59	3	40	<1	130
WEAG-LK1	Grab	Eagle Lake Source	25-Jan-16	0.35	4	66	<1	200
WEAG-LK1	Grab	Eagle Lake Source	10-Feb-16	0.65	3	66	<1	170
WEAG-LK1	Grab	Eagle Lake Source	22-Feb-16	0.36	5	32	<1	260
WEAG-LK1	Grab	Eagle Lake Source	7-Mar-16	0.41	5	24	1	190
WEAG-LK1	Grab	Eagle Lake Source	21-Mar-16	0.29	4	28	<1	160
WEAG-LK1	Grab	Eagle Lake Source	4-Apr-16	0.27	9	30	<1	760
WEAG-LK1	Grab	Eagle Lake Source	18-Apr-16	0.33	7	45	<1	540
WEAG-LK1	Grab	Eagle Lake Source	2-May-16	0.40	7	29	<1	240
WEAG-LK1	Grab	Eagle Lake Source	16-May-16	0.35	13	1046	<1	120
WEAG-LK1	Grab	Eagle Lake Source	30-May-16	0.37	12	387	1	170
WEAG-LK1	Grab	Eagle Lake Source	13-Jun-16	0.35	8	74	<1	260
WEAG-LK1	Grab	Eagle Lake Source	27-Jun-16	0.36	8	308	<1	310
WEAG-LK1	Grab	Eagle Lake Source	11-Jul-16	0.42	9	157	<1	370
WEAG-LK1	Grab	Eagle Lake Source	25-Jul-16	0.29	12	579	<1	220
WEAG-LK1	Grab	Eagle Lake Source	8-Aug-16	0.29	16	2420	<1	110
WEAG-LK1	Grab	Eagle Lake Source	22-Aug-16	[Not done] LA	20	1120	<1	150
WEAG-LK1	Grab	Eagle Lake Source	7-Sep-16	0.35	15	411	<1	[Lab Error] LA
WEAG-LK1	Grab	Eagle Lake Source	19-Sep-16	0.43	14	411	<1	120
WEAG-LK1	Grab	Eagle Lake Source	3-Oct-16	0.42	10	201	<1	70
WEAG-LK1	Grab	Eagle Lake Source	12-Oct-16	0.27	<1	112	15	230
WEAG-LK1	Grab	Eagle Lake Source	18-Oct-16	0.89	8	488	5	590
WEAG-LK1	Grab	Eagle Lake Source	31-Oct-16	0.64	8	248	1	310
WEAG-LK1	Grab	Eagle Lake Source	14-Nov-16	0.43	7	162	2	290
WEAG-LK1	Grab	Eagle Lake Source	28-Nov-16	0.47	6	118	1	320
WEAG-LK1	Grab	Eagle Lake Source	12-Dec-16	0.26	4	133	<1	240
WEAG-LK1	Grab	Eagle Lake Source	28-Dec-16	0.27	3	55	<1	NA

2. Source Water Quality – Montizambert Creek

Sample Name	Sample Type	Sample Reported Name	Sampled Date	Turbidity NTU	Temperature °C	Total Coliform MPN/100 mLs	Ecoli MPN/100mLs	HPC CFU/mls
WMZ-CK1	GRAB	Montizambert Creek Source Water	04-Jan-16	1.1	3	11	<1	76
WMZ-CK1	GRAB	Montizambert Creek Source Water	18-Jan-16	1.7	4	36	<1	180
WMZ-CK1	GRAB	Montizambert Creek Source Water	01-Feb-16	0.58	3	15	<1	80
WMZ-CK1	GRAB	Montizambert Creek Source Water	15-Feb-16	2	5	10	<1	86
WMZ-CK1	GRAB	Montizambert Creek Source Water	29-Feb-16	2.3	7	37	<1	130
WMZ-CK1	GRAB	Montizambert Creek Source Water	14-Mar-16	0.26	4	11	<1	92
WMZ-CK1	GRAB	Montizambert Creek Source Water	30-Mar-16	0.81	4	23	<1	90
WMZ-CK1	GRAB	Montizambert Creek Source Water	11-Apr-16	1.9	7	17	<1	80
WMZ-CK1	GRAB	Montizambert Creek Source Water	25-Apr-16	2.3	7	19	<1	140
WMZ-CK1	GRAB	Montizambert Creek Source Water	09-May-16	1.3	3	42	<1	96
WMZ-CK1	GRAB	Montizambert Creek Source Water	25-May-16	0.35	9	99	<1	110
WMZ-CK1	GRAB	Montizambert Creek Source Water	06-Jun-16	0.62	10	81	<1	210
WMZ-CK1	GRAB	Montizambert Creek Source Water	20-Jun-16	1.4	10	109	2	180
WMZ-CK1	GRAB	Montizambert Creek Source Water	04-Jul-16	0.56	9	248	2	220
WMZ-CK1	GRAB	Montizambert Creek Source Water	18-Jul-16	0.93	10	73	1	140
WMZ-CK1	GRAB	Montizambert Creek Source Water	03-Aug-16	0.69	15	248	1	130
WMZ-CK1	GRAB	Montizambert Creek Source Water	15-Aug-16	0.43	15	192	2	570
WMZ-CK1	GRAB	Montizambert Creek Source Water	29-Aug-16	0.67	14	260	<1	520
WMZ-CK1	GRAB	Montizambert Creek Source Water	12-Sep-16	0.55	12	144	2	360
WMZ-CK1	GRAB	Montizambert Creek Source Water	26-Sep-16	1.3	11	196	<1	120
WMZ-CK1	GRAB	Montizambert Creek Source Water	24-Oct-16	3.6	10	160	<1	270
WMZ-CK1	GRAB	Montizambert Creek Source Water	07-Nov-16	2.1	10	42	1	510
WMZ-CK1	GRAB	Montizambert Creek Source Water	21-Nov-16	0.33	8	121	3	370
WMZ-CK1	GRAB	Montizambert Creek Source Water	05-Dec-16	0.22	3	48	1	100
WMZ-CK1	GRAB	Montizambert Creek Source Water	19-Dec-16	0.34	2	172	1	420

3. Source Water Chemistry

Sample Location	Sample	Sample Date	Alkalinity as CaCO3	Aluminium Dissolved	Aluminium Total	Antimony Total	Arsenic Total	Barium Total	Boron Total	Cadmium Total	Calcium Total	Carbon Organic Dissolved	Carbon Organic Total	Chloride
Units			mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L
Health Canada				200	6	10	1000	5000	5	none				≤250
Eagle Lake Source	GRAB	2016-06-07 08:05	2.9	68	79	<0.5	<0.5	3.5	<10	<0.2	1100	1.8	1.8	0.9
Eagle Lake Source	GRAB	2016-12-06 08:45	2.2	112	133	<0.5	<0.5	3.4	<10	<0.2	1040	3	3.1	1.1
Montizambert Creek Source Water	GRAB	2016-06-07 08:35	2.3	113	118	<0.5	<0.5	1.2	<10	<0.2	1010	2.1	2	<0.5
Montizambert Creek Source Water	GRAB	2016-12-06 08:05	3.9	89	94	<0.5	<0.5	1.6	<10	<0.2	1690	1.8	1.7	0.9

Sample Location	Sample	Sample Date	Chromium Total	Color - Apparent	Color - True	Conductivity	Copper Total	Cyanide Total	Fluoride	Hardness as CaCO3	Iron Dissolved	Iron Total	Lead Total	Magnesium Total
Units			µg/L	ACU	TCU	µmhos/cm	µg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L
Health Canada			50	≤15	≤15	≤1000	0.20	1.50	mg/L	≤300	10	none		
Eagle Lake Source	GRAB	2016-06-07 08:05	0.28	15	11	13	1.1	<0.02	<0.05	3.5	67	92	<0.5	189
Eagle Lake Source	GRAB	2016-12-06 08:45	<0.05	19	19	14	1.1	<0.02	<0.05	3.3	49	85	<0.5	181
Montizambert Creek Source Water	GRAB	2016-06-07 08:35	0.32	21	14	10	0.8	<0.02	<0.05	3.1	14	17	<0.5	134
Montizambert Creek Source Water	GRAB	2016-12-06 08:05	0.06	11	10	19	3.9	<0.02	<0.05	5.1	11	12	<0.5	223

Sample Location	Sample	Sample Date	Manganese Dissolved	Manganese Total	Mercury Total	Nickel Total	Nitrogen - Ammonia as N	Nitrogen - Nitrate as N	Nitrogen - Nitrite as N	pH	Phenol	Phosphorus Dissolved Reactive	Phosphorus Total	Potassium Total
Units			µg/L	µg/L	µg/L	µg/L	mg/L	mg/L	mg/L	pH units	mg/L	mg/L	mg/L	µg/L
Health Canada			≤50	1.0	none	none	mg/L	mg/L	mg/L	6.5 - 8.5	mg/L	mg/L	mg/L	none
Eagle Lake Source	GRAB	2016-06-07 08:05	16.6	16.9	<0.05	<0.5	<0.02	<0.01	<0.01	6.4	<0.005	<0.005	<0.005	106
Eagle Lake Source	GRAB	2016-12-06 08:45	3.6	5.2	<0.05	<0.5	<0.02	0.02	<0.01	6.3	<0.005	<0.005	<0.005	100
Montizambert Creek Source Water	GRAB	2016-06-07 08:35	<0.5	<0.5	<0.05	<0.5	<0.02	<0.01	<0.01	6.6	<0.005	<0.005	<0.005	83
Montizambert Creek Source Water	GRAB	2016-12-06 08:05	<0.5	<0.5	<0.05	<0.5	<0.02	0.03	<0.01	6.7	<0.005	<0.005	<0.005	101

Sample Location	Sample	Sample Date	Residue Total	Residue Total Dissolved	Residue Total Fixed	Residue Total Volatile	Selenium Total	Silica as SiO2	Silver Total	Sodium Total	Sulphate	UV Absorbance 254 nm	Zinc Total
Units			mg/L	mg/L	mg/L	mg/L	µg/L	mg/L	µg/L	µg/L	mg/L	Abs/cm	µg/L
Health Canada			50	none	≤200,000	≤500	none	≤200,000	mg/L	mg/L	mg/L	µg/L	µg/L
Eagle Lake Source	GRAB	2016-06-07 08:05	14	13	19	6	<0.5	3.4	<0.5	863	0.9	0.073	<3.0
Eagle Lake Source	GRAB	2016-12-06 08:45	14	10	18	8	<0.5	3.9	<0.5	902	0.9	0.128	<3.0
Montizambert Creek Source Water	GRAB	2016-06-07 08:35	13	11	17	6	<0.5	3.3	<0.5	609	1.1	0.099	<3.0
Montizambert Creek Source Water	GRAB	2016-12-06 08:05	18	13	19	6	<0.5	7.2	<0.5	958	1.9	0.073	13.6

APPENDIX C

1. 2016 Semi Annual Metals Monitoring Results

Sample Name	Sample Description	Sampled Date	Sample Type	Aluminium Total	Antimony Total	Arsenic Total	Barium Total	Boron Total	Cadmium Total	Calcium Total	Chromium Total	Cobalt Total	Copper Total	Iron Total
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Health Canada, Max Acceptable Conditions:					6	10	1000	5000	5	n/a	50	n/a		
Health Canada, Operational Guidance:				200						n/a		n/a		
Health Canada, Aesthetics Objectives:													≤1000	≤300
WVR-798	Cypress Park Elementary	2016/05/17 9:00	GRAB	35	<0.5	<0.5	3.00	<10	<0.2	1830	0.26	<0.5	54.90	11
WVR-798	Cypress Park Elementary	2016/10/27 9:10	GRAB	30	<0.5	<0.5	3.20	<10	<0.2	3180	0.17	<0.5	116.00	56
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	2016/05/17 8:30	GRAB	38	<0.5	<0.5	3.00	<10	<0.2	1140	0.34	<0.5	13.60	10
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	2016/10/27 8:45	GRAB	34	<0.5	<0.5	3.20	<10	<0.2	1280	0.15	<0.5	22.10	13
WVR-799	Hollyburn Elementary	2016/05/17 9:25	GRAB	17	<0.5	<0.5	2.30	<10	<0.2	2980	0.21	<0.5	49.60	31
WVR-799	Hollyburn Elementary	2016/10/27 9:35	GRAB	26	<0.5	<0.5	2.40	<10	<0.2	2700	0.19	<0.5	38.60	145
WMZ-782	8995 Lawrence Way - Mtzb Creek	2016/05/17 7:55	GRAB	36	<0.5	<0.5	3.10	<10	<0.2	1200	0.34	<0.5	7.00	286
WMZ-782	8995 Lawrence Way - Mtzb Creek	2016/10/27 8:15	GRAB	89	<0.5	<0.5	4.60	<10	<0.2	1770	0.18	<0.5	9.40	231

Sample Name	Sample Description	Sampled Date	Sample Type	Lead Total	Magnesium Total	Manganese Total	Mercury Total	Molybdenum Total	Nickel Total	Potassium Total	Selenium Total	Silver Total	Sodium Total	Zinc Total
				µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Health Canada, Max Acceptable Conditions:				10	n/a		1	n/a	n/a	n/a	50	n/a		
Health Canada, Operational Guidance:					n/a							n/a		
Health Canada, Aesthetics Objectives:					n/a	≤50						n/a	≤200,000	≤5,000
WVR-798	Cypress Park Elementary	2016/05/17 9:00	GRAB	<0.5	171	7.0	<0.05	<0.5	<0.5	124	<0.5	<0.5	3,920	8.0
WVR-798	Cypress Park Elementary	2016/10/27 9:10	GRAB	<0.5	188	6.5	<0.05	<0.5	<0.5	199	<0.5	<0.5	2,100	15.4
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	2016/05/17 8:30	GRAB	<0.5	184	1.4	<0.05	<0.5	<0.5	110	<0.5	<0.5	4,940	6.1
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	2016/10/27 8:45	GRAB	<0.5	216	7.1	<0.05	<0.5	<0.5	106	<0.5	<0.5	4,030	7.6
WVR-799	Hollyburn Elementary	2016/05/17 9:25	GRAB	<0.5	161	2.4	<0.05	<0.5	<0.5	144	<0.5	<0.5	1,350	3.4
WVR-799	Hollyburn Elementary	2016/10/27 9:35	GRAB	<0.5	150	6.8	<0.05	<0.5	<0.5	177	<0.5	<0.5	1,560	<3
WMZ-782	8995 Lawrence Way - Mtzb Creek	2016/05/17 7:55	GRAB	<0.5	144	2.0	<0.05	<0.5	<0.5	83	<0.5	<0.5	2,840	<3
WMZ-782	8995 Lawrence Way - Mtzb Creek	2016/10/27 8:15	GRAB	<0.5	210	1.5	<0.05	<0.5	<0.5	126	<0.5	<0.5	4,180	<3

2. 2016 Disinfection By-Products Quarterly Averages

Sample	Date Sampled	Total THM Quarterly Average (Guileline Limit 100ppb/mL)	Total HAA Quarterly Average (Guileline Limit 80ppb/mL)
WEAG-772	2016/03/01	40	42
WEAG-772	2016/05/31	39	39
WEAG-772	2016/08/30	41	35
WEAG-772	2016/10/18	46	38
WEAG-773	2016/03/01	45	43
WEAG-773	2016/05/31	47	43
WEAG-773	2016/08/30	48	40
WEAG-773	2016/10/18	53	44
WEAG-776	2016/03/01	34	
WEAG-776	2016/05/31	38	
WEAG-776	2016/08/30	40	
WEAG-776	2016/10/18	45	
WEAG-778	2016/03/01	44	40
WEAG-778	2016/05/31	42	39
WEAG-778	2016/08/30	40	35
WEAG-778	2016/10/18	44	39
WMZ-781	2016/03/01	23	33
WMZ-781	2016/05/31	35	50
WMZ-781	2016/08/30	37	50
WMZ-781	2016/10/18	52	70
WMZ-782	2016/03/01	19	32
WMZ-782	2016/05/31	29	52
WMZ-782	2016/08/30	30	52
WMZ-782	2016/10/18	51	77
WVR-713	2016/03/01	29	
WVR-713	2016/05/31	29	
WVR-713	2016/08/30	27	
WVR-713	2016/10/18	27	
WVR-716	2016/03/01	44	38
WVR-716	2016/05/31	42	36
WVR-716	2016/08/30	39	35
WVR-716	2016/10/18	43	39
WVR-717	2016/03/01	28	
WVR-717	2016/05/31	27	
WVR-717	2016/08/30	27	
WVR-717	2016/10/18	26	
WVR-764	2016/03/01	19	19
WVR-764	2016/05/31	19	19
WVR-764	2016/08/30	19	17
WVR-764	2016/10/18	21	20

3. 2016 Water Sampling Results

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WVR-711	GRAB	1020 Groveland Road	11-Jan-16	0.68	<1	<2	6	<1	0.15
WVR-711	GRAB	1020 Groveland Road	10-Feb-16	0.87	<1	<2	6	<1	0.18
WVR-711	GRAB	1020 Groveland Road	7-Mar-16	1.1	<1	2	10	<1	0.18
WVR-711	GRAB	1020 Groveland Road	4-Apr-16	0.68	<1	2	11	<1	0.18
WVR-711	GRAB	1020 Groveland Road	2-May-16	1.21	<1	4	14	<1	0.2
WVR-711	GRAB	1020 Groveland Road	30-May-16	0.77	<1	2	11	<1	0.18
WVR-711	GRAB	1020 Groveland Road	27-Jun-16	1.06	<1	2	15	<1	0.26
WVR-711	GRAB	1020 Groveland Road	25-Jul-16	1.28	<1	<2	15	<1	0.16
WVR-711	GRAB	1020 Groveland Road	22-Aug-16	1.03	<1	<2	16	<1	0.12
WVR-711	GRAB	1020 Groveland Road	19-Sep-16	0.72	<1	<2	16	<1	0.12
WVR-711	GRAB	1020 Groveland Road	18-Oct-16	0.77	<1	<2	11	<1	0.22
WVR-711	GRAB	1020 Groveland Road	14-Nov-16	1.12	<1	2	11	<1	0.12
WVR-711	GRAB	1020 Groveland Road	12-Dec-16	1.25	<1	<2	6	<1	0.16
WVR-712	GRAB	510 Ballantree Road	11-Jan-16	0.23	<1	16	7	<1	0.31
WVR-712	GRAB	510 Ballantree Road	10-Feb-16	0.83	<1	2	6	<1	0.2
WVR-712	GRAB	510 Ballantree Road	7-Mar-16	0.58	<1	12	8	<1	0.32
WVR-712	GRAB	510 Ballantree Road	4-Apr-16	0.93	<1	<2	10	<1	0.15
WVR-712	GRAB	510 Ballantree Road	2-May-16	1.55	<1	<2	13	<1	0.24
WVR-712	GRAB	510 Ballantree Road	30-May-16	1.3	<1	<2	14	<1	0.2
WVR-712	GRAB	510 Ballantree Road	27-Jun-16	0.7	<1	6	13	<1	0.17
WVR-712	GRAB	510 Ballantree Road	25-Jul-16	0.95	<1	<2	12	<1	0.13
WVR-712	GRAB	510 Ballantree Road	22-Aug-16	0.62	<1	6	20	<1	0.12
WVR-712	GRAB	510 Ballantree Road	19-Sep-16	0.29	<1	2	17	<1	0.11
WVR-712	GRAB	510 Ballantree Road	18-Oct-16	0.23	<1	2	12	<1	0.17
WVR-712	GRAB	510 Ballantree Road	14-Nov-16	0.64	<1	6	11	<1	0.17
WVR-712	GRAB	510 Ballantree Road	12-Dec-16	0.44	<1	320	4	<1	0.24
WVR-718	GRAB	885 - 22nd Street	4-Jan-16	0.61	<1	<2	5	<1	0.11
WVR-718	GRAB	885 - 22nd Street	4-Jan-16	0.61	<1	<2	5	<1	0.11
WVR-718	GRAB	885 - 22nd Street	1-Feb-16	0.66	<1	<2	8	<1	0.16
WVR-718	GRAB	885 - 22nd Street	29-Feb-16	0.66	<1	<2	12	<1	0.15
WVR-718	GRAB	885 - 22nd Street	30-Mar-16	0.78	<1	<2	11	<1	0.15
WVR-718	GRAB	885 - 22nd Street	25-Apr-16	0.92	<1	4	15	<1	0.09
WVR-718	GRAB	885 - 22nd Street	25-May-16	0.68	<1	<2	13	<1	0.38
WVR-718	GRAB	885 - 22nd Street	20-Jun-16	0.72	<1	72	17	<1	0.2
WVR-718	GRAB	885 - 22nd Street	18-Jul-16	0.96	<1	28	21	<1	0.13
WVR-718	GRAB	885 - 22nd Street	15-Aug-16	0.43	<1	24	25	<1	0.13
WVR-718	GRAB	885 - 22nd Street	12-Sep-16	0.86	<1	<2	21	<1	0.4
WVR-718	GRAB	885 - 22nd Street	12-Oct-16	0.88	<1	<2	14	<1	0.19
WVR-718	GRAB	885 - 22nd Street	7-Nov-16	0.64	<1	<2	12	<1	0.1
WVR-718	GRAB	885 - 22nd Street	5-Dec-16	0.47	<1	<2	9	<1	0.12
WVR-719	GRAB	2600 Chelsea Court	25-Jan-16	0.73	<1	<2	8	<1	0.24
WVR-719	GRAB	2600 Chelsea Court	27-Jun-16	1.22	<1	<2	16	<1	0.11
WVR-761	GRAB	243 Rabbit Lane	22-Feb-16	0.2	<1	6	9	<1	0.43
WVR-761	GRAB	243 Rabbit Lane	21-Mar-16	0.51	<1	<2	7	<1	0.41
WVR-761	GRAB	243 Rabbit Lane	18-Apr-16	0.34	<1	6	13	<1	0.19
WVR-761	GRAB	243 Rabbit Lane	16-May-16	0.57	<1	4	11	<1	0.72
WVR-761	GRAB	243 Rabbit Lane	13-Jun-16	0.34	<1	4	10	<1	0.22
WVR-761	GRAB	243 Rabbit Lane	11-Jul-16	0.65	<1	18	15	<1	0.29
WVR-761	GRAB	243 Rabbit Lane	8-Aug-16	0.6	<1	14	17	<1	0.29
WVR-761	GRAB	243 Rabbit Lane	7-Sep-16	0.8	<1	10	17	<1	0.33
WVR-761	GRAB	243 Rabbit Lane	3-Oct-16	0.54	<1	28	14	<1	0.7
WVR-761	GRAB	243 Rabbit Lane	31-Oct-16	0.41	<1	4300	10	<1	2.7
WVR-761	GRAB	243 Rabbit Lane	28-Nov-16	0.51	<1	1000	8	<1	1.4
WVR-761	GRAB	243 Rabbit Lane	28-Dec-16	1.21	<1	NA	3	<1	0.52
WVR-764	GRAB	111 Bridge Road	25-Jan-16	0.8	<1	<2	7	<1	0.19
WVR-764	GRAB	111 Bridge Road	22-Feb-16	0.86	<1	2	8	<1	0.23
WVR-764	GRAB	111 Bridge Road	21-Mar-16	1	<1	<2	6	<1	0.1
WVR-764	GRAB	111 Bridge Road	18-Apr-16	0.85	<1	<2	12	<1	0.17
WVR-764	GRAB	111 Bridge Road	16-May-16	0.71	<1	<2	9	<1	0.17
WVR-764	GRAB	111 Bridge Road	13-Jun-16	0.81	<1	2	10	<1	0.13
WVR-764	GRAB	111 Bridge Road	11-Jul-16	1.18	<1	<2	14	<1	0.26
WVR-764	GRAB	111 Bridge Road	8-Aug-16	1.11	<1	<2	17	<1	0.18
WVR-764	GRAB	111 Bridge Road	7-Sep-16	1.15	<1	<2	18	<1	0.27
WVR-764	GRAB	111 Bridge Road	3-Oct-16	1.3	<1	2	12	<1	0.21
WVR-764	GRAB	111 Bridge Road	31-Oct-16	1.38	<1	4	10	<1	0.21
WVR-764	GRAB	111 Bridge Road	28-Nov-16	1.15	<1	<2	9	<1	0.19
WVR-764	GRAB	111 Bridge Road	28-Dec-16	0.74	<1	NA	3	<1	0.13
WVR-768	GRAB	2185 Gisby Street	25-Jan-16	0.75	<1	<2	7	<1	0.38
WVR-779	GRAB	1370 Burnside Road	27-Jun-16	0.97	<1	<2	14	<1	0.17
WVR-786	GRAB	1158 Millstream Road	25-Jan-16	0.98	<1	<2	6	<1	0.22
WVR-788	GRAB	1551 Vinson Creek Road	25-Jan-16	1.1	<1	<2	8	<1	0.11

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WVR-790	GRAB	19 Glenmore Drive	11-Jan-16	0.37	<1	10	8	<1	0.93
WVR-790	GRAB	19 Glenmore Drive	25-Jan-16	0.53	<1	<2	8	<1	0.42
WVR-790	GRAB	19 Glenmore Drive	10-Feb-16	0.46	<1	<2	8	<1	1.5
WVR-790	GRAB	19 Glenmore Drive	22-Feb-16	0.55	<1	<2	8	<1	0.48
WVR-790	GRAB	19 Glenmore Drive	7-Mar-16	1.1	<1	<2	8	<1	0.49
WVR-790	GRAB	19 Glenmore Drive	21-Mar-16	0.81	<1	<2	8	<1	0.41
WVR-790	GRAB	19 Glenmore Drive	4-Apr-16	0.54	<1	<2	12	<1	0.53
WVR-790	GRAB	19 Glenmore Drive	18-Apr-16	0.59	<1	<2	14	<1	0.42
WVR-790	GRAB	19 Glenmore Drive	2-May-16	0.73	<1	<2	10	<1	0.26
WVR-790	GRAB	19 Glenmore Drive	16-May-16	0.67	<1	<2	9	<1	0.21
WVR-790	GRAB	19 Glenmore Drive	30-May-16	0.72	<1	<2	11	<1	0.47
WVR-790	GRAB	19 Glenmore Drive	11-Jul-16	1.04	<1	2	15	<1	0.26
WVR-790	GRAB	19 Glenmore Drive	25-Jul-16	1.11	<1	2	10	<1	0.23
WVR-790	GRAB	19 Glenmore Drive	8-Aug-16	0.98	<1	<2	17	<1	0.27
WVR-790	GRAB	19 Glenmore Drive	22-Aug-16	0.95	<1	<2	16	<1	0.17
WVR-790	GRAB	19 Glenmore Drive	7-Sep-16	0.88	<1	<2	19	<1	0.23
WVR-790	GRAB	19 Glenmore Drive	19-Sep-16	0.68	<1	<2	16	<1	0.18
WVR-790	GRAB	19 Glenmore Drive	3-Oct-16	0.85	<1	<2	15	<1	0.49
WVR-790	GRAB	19 Glenmore Drive	18-Oct-16	0.67	<1	<2	12	<1	0.39
WVR-790	GRAB	19 Glenmore Drive	31-Oct-16	1.46	<1	<2	12	<1	0.33
WVR-790	GRAB	19 Glenmore Drive	14-Nov-16	1.05	<1	<2	12	<1	0.4
WVR-790	GRAB	19 Glenmore Drive	28-Nov-16	1.04	<1	<2	10	<1	0.63
WVR-790	GRAB	19 Glenmore Drive	12-Dec-16	0.87	<1	<2	7	<1	0.54
WVR-790	GRAB	19 Glenmore Drive	28-Dec-16	0.69	<1	NA	4	<1	0.35
WVR-791	GRAB	200 Keith Road	11-Jan-16	0.71	<1	<2	5	<1	0.23
WVR-791	GRAB	200 Keith Road	10-Feb-16	0.76	<1	<2	5	<1	0.17
WVR-791	GRAB	200 Keith Road	7-Mar-16	0.47	<1	<2	6	<1	0.32
WVR-791	GRAB	200 Keith Road	4-Apr-16	0.62	<1	<2	10	<1	0.1
WVR-791	GRAB	200 Keith Road	2-May-16	0.8	<1	2	9	<1	0.16
WVR-791	GRAB	200 Keith Road	30-May-16	0.68	<1	<2	9	<1	0.17
WVR-791	GRAB	200 Keith Road	27-Jun-16	1	<1	<2	11	<1	0.17
WVR-791	GRAB	200 Keith Road	25-Jul-16	1.28	<1	2	8	<1	0.11
WVR-791	GRAB	200 Keith Road	22-Aug-16	1.01	<1	<2	15	<1	0.09
WVR-791	GRAB	200 Keith Road	19-Sep-16	0.8	<1	<2	17	<1	0.1
WVR-791	GRAB	200 Keith Road	18-Oct-16	0.53	<1	<2	10	<1	0.22
WVR-791	GRAB	200 Keith Road	14-Nov-16	0.89	<1	<2	10	<1	0.39
WVR-791	GRAB	200 Keith Road	12-Dec-16	1.12	<1	2	5	<1	0.09
WVR-792	GRAB	76 Bonnymuir Drive	11-Jan-16	0.57	<1	<2	8	<1	0.28
WVR-792	GRAB	76 Bonnymuir Drive	25-Jan-16	0.62	<1	<2	8	<1	0.28
WVR-792	GRAB	76 Bonnymuir Drive	10-Feb-16	0.3	<1	<2	7	<1	0.23
WVR-792	GRAB	76 Bonnymuir Drive	22-Feb-16	0.67	<1	<2	7	<1	0.26
WVR-792	GRAB	76 Bonnymuir Drive	7-Mar-16	0.75	<1	<2	9	<1	0.22
WVR-792	GRAB	76 Bonnymuir Drive	21-Mar-16	0.73	<1	4	8	<1	0.17
WVR-792	GRAB	76 Bonnymuir Drive	4-Apr-16	0.51	<1	<2	11	<1	0.21
WVR-792	GRAB	76 Bonnymuir Drive	18-Apr-16	0.65	<1	<2	14	<1	0.29
WVR-792	GRAB	76 Bonnymuir Drive	2-May-16	0.68	<1	2	12	<1	0.2
WVR-792	GRAB	76 Bonnymuir Drive	16-May-16	0.63	<1	2	11	<1	0.15
WVR-792	GRAB	76 Bonnymuir Drive	30-May-16	0.59	<1	<2	11	<1	0.2
WVR-792	GRAB	76 Bonnymuir Drive	11-Jul-16	1	<1	2	15	<1	0.28
WVR-792	GRAB	76 Bonnymuir Drive	25-Jul-16	1.12	<1	2	10	<1	0.22
WVR-792	GRAB	76 Bonnymuir Drive	8-Aug-16	0.89	<1	2	18	<1	0.22
WVR-792	GRAB	76 Bonnymuir Drive	22-Aug-16	0.81	<1	<2	17	<1	0.13
WVR-792	GRAB	76 Bonnymuir Drive	7-Sep-16	0.87	<1	<2	19	<1	0.2
WVR-792	GRAB	76 Bonnymuir Drive	19-Sep-16	0.56	<1	<2	16	<1	0.12
WVR-792	GRAB	76 Bonnymuir Drive	3-Oct-16	1.08	<1	<2	15	<1	0.21
WVR-792	GRAB	76 Bonnymuir Drive	18-Oct-16	0.57	<1	<2	12	<1	0.26
WVR-792	GRAB	76 Bonnymuir Drive	31-Oct-16	1.34	<1	<2	12	<1	0.33
WVR-792	GRAB	76 Bonnymuir Drive	14-Nov-16	1.1	<1	<2	11	<1	0.19
WVR-792	GRAB	76 Bonnymuir Drive	28-Nov-16	1.12	<1	<2	10	<1	0.46
WVR-792	GRAB	76 Bonnymuir Drive	12-Dec-16	0.95	<1	<2	7	<1	0.23
WVR-792	GRAB	76 Bonnymuir Drive	28-Dec-16	0.77	<1	NA	3	<1	0.12
WVR-793	GRAB	559 Kildonan Road	11-Jan-16	1.1	<1	<2	6	<1	0.23
WVR-793	GRAB	559 Kildonan Road	10-Feb-16	0.97	<1	4	6	<1	0.25
WVR-793	GRAB	559 Kildonan Road	7-Mar-16	1.1	<1	4	7	<1	0.19
WVR-793	GRAB	559 Kildonan Road	4-Apr-16	0.74	<1	<2	11	<1	0.13
WVR-793	GRAB	559 Kildonan Road	2-May-16	1.58	<1	<2	14	<1	0.26
WVR-793	GRAB	559 Kildonan Road	30-May-16	1.38	<1	<2	13	<1	0.17
WVR-793	GRAB	559 Kildonan Road	27-Jun-16	0.67	<1	<2	12	<1	0.17
WVR-793	GRAB	559 Kildonan Road	25-Jul-16	0.97	<1	[Poor spreading] LA	13	<1	0.15
WVR-793	GRAB	559 Kildonan Road	22-Aug-16	0.65	<1	<2	19	<1	0.13
WVR-793	GRAB	559 Kildonan Road	19-Sep-16	0.25	<1	<2	16	<1	0.14
WVR-793	GRAB	559 Kildonan Road	18-Oct-16	0.41	<1	2	10	<1	0.27

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WVR-793	GRAB	559 Kildonan Road	14-Nov-16	0.78	<1	2	10	<1	0.15
WVR-793	GRAB	559 Kildonan Road	12-Dec-16	0.86	<1	<2	6	<1	0.27
WVR-794	GRAB	702 Barnham Road	11-Jan-16	0.63	<1	<2	6	<1	0.23
WVR-794	GRAB	702 Barnham Road	10-Feb-16	0.54	<1	2	6	<1	0.18
WVR-794	GRAB	702 Barnham Road	7-Mar-16	0.67	<1	<2	7	<1	0.23
WVR-794	GRAB	702 Barnham Road	4-Apr-16	0.47	<1	<2	12	<1	0.16
WVR-794	GRAB	702 Barnham Road	2-May-16	0.66	<1	<2	15	<1	0.18
WVR-794	GRAB	702 Barnham Road	30-May-16	0.49	<1	<2	13	<1	0.17
WVR-794	GRAB	702 Barnham Road	27-Jun-16	0.87	<1	16	15	<1	0.21
WVR-794	GRAB	702 Barnham Road	25-Jul-16	1.12	<1	<2	18	<1	0.19
WVR-794	GRAB	702 Barnham Road	22-Aug-16	0.89	<1	<2	17	<1	0.15
WVR-794	GRAB	702 Barnham Road	19-Sep-16	0.53	<1	<2	17	<1	0.14
WVR-794	GRAB	702 Barnham Road	18-Oct-16	0.52	<1	<2	12	<1	0.27
WVR-794	GRAB	702 Barnham Road	14-Nov-16	1.12	<1	<2	11	<1	0.16
WVR-794	GRAB	702 Barnham Road	12-Dec-16	1.2	<1	<2	5	<1	0.13
WVR-795	GRAB	620 Kenwood Road	11-Jan-16	0.38	<1	<2	7	<1	0.24
WVR-795	GRAB	620 Kenwood Road	10-Feb-16	0.37	<1	<2	6	<1	0.21
WVR-795	GRAB	620 Kenwood Road	7-Mar-16	0.49	<1	<2	8	<1	0.48
WVR-795	GRAB	620 Kenwood Road	4-Apr-16	0.55	<1	<2	11	<1	0.17
WVR-795	GRAB	620 Kenwood Road	2-May-16	0.71	<1	<2	15	<1	0.24
WVR-795	GRAB	620 Kenwood Road	30-May-16	0.68	<1	2	11	<1	0.15
WVR-795	GRAB	620 Kenwood Road	27-Jun-16	0.91	<1	2	15	<1	0.19
WVR-795	GRAB	620 Kenwood Road	25-Jul-16	1.08	<1	6	16	<1	0.2
WVR-795	GRAB	620 Kenwood Road	22-Aug-16	0.85	<1	<2	18	<1	0.17
WVR-795	GRAB	620 Kenwood Road	19-Sep-16	0.47	<1	2	16	<1	0.12
WVR-795	GRAB	620 Kenwood Road	14-Nov-16	1.3	<1	<2	11	<1	0.16
WVR-795	GRAB	620 Kenwood Road	12-Dec-16	1.16	<1	<2	8	<1	0.22
WVR-796	GRAB	315 Mathers Avenue	11-Jan-16	0.89	<1	<2	7	<1	0.13
WVR-796	GRAB	315 Mathers Avenue	25-Jan-16	0.89	<1	<2	8	<1	0.15
WVR-796	GRAB	315 Mathers Avenue	10-Feb-16	0.51	<1	8	7	<1	0.1
WVR-796	GRAB	315 Mathers Avenue	22-Feb-16	0.83	<1	<2	8	<1	0.09
WVR-796	GRAB	315 Mathers Avenue	7-Mar-16	0.92	<1	8	8	<1	0.22
WVR-796	GRAB	315 Mathers Avenue	21-Mar-16	0.85	<1	14	8	<1	0.09
WVR-796	GRAB	315 Mathers Avenue	4-Apr-16	0.73	<1	<2	11	<1	0.15
WVR-796	GRAB	315 Mathers Avenue	18-Apr-16	0.85	<1	<2	13	<1	0.16
WVR-796	GRAB	315 Mathers Avenue	2-May-16	0.82	<1	6	11	<1	0.13
WVR-796	GRAB	315 Mathers Avenue	16-May-16	0.72	<1	2	9	<1	0.15
WVR-796	GRAB	315 Mathers Avenue	30-May-16	0.77	<1	<2	10	<1	0.16
WVR-796	GRAB	315 Mathers Avenue	13-Jun-16	0.82	<1	8	12	<1	0.15
WVR-796	GRAB	315 Mathers Avenue	27-Jun-16	1.02	<1	24	12	<1	0.19
WVR-796	GRAB	315 Mathers Avenue	11-Jul-16	1.21	<1	30	14	<1	0.18
WVR-796	GRAB	315 Mathers Avenue	25-Jul-16	1.29	<1	12	10	<1	0.12
WVR-796	GRAB	315 Mathers Avenue	8-Aug-16	1.1	<1	4	18	<1	0.19
WVR-796	GRAB	315 Mathers Avenue	22-Aug-16	0.81	<1	<2	18	<1	0.11
WVR-796	GRAB	315 Mathers Avenue	7-Sep-16	0.86	<1	<2	16	<1	0.39
WVR-796	GRAB	315 Mathers Avenue	19-Sep-16	0.55	<1	<2	16	<1	0.31
WVR-796	GRAB	315 Mathers Avenue	3-Oct-16	1.23	<1	<2	14	<1	0.16
WVR-796	GRAB	315 Mathers Avenue	18-Oct-16	0.88	<1	<2	11	<1	0.21
WVR-796	GRAB	315 Mathers Avenue	31-Oct-16	1.55	<1	<2	10	<1	0.29
WVR-796	GRAB	315 Mathers Avenue	14-Nov-16	1.21	<1	2	10	<1	0.1
WVR-796	GRAB	315 Mathers Avenue	28-Nov-16	1.12	<1	<2	10	<1	0.13
WVR-796	GRAB	315 Mathers Avenue	12-Dec-16	0.63	<1	<2	5	<1	0.1
WVR-796	GRAB	315 Mathers Avenue	28-Dec-16	0.69	<1	NA	4	<1	0.24
WVR-797	GRAB	395 Klahanie Court	25-Jan-16	0.72	<1	8	7	<1	1.3
WVR-797	GRAB	395 Klahanie Court	22-Feb-16	0.86	<1	2	7	<1	0.25
WVR-797	GRAB	395 Klahanie Court	21-Mar-16	0.8	<1	2	7	<1	0.48
WVR-797	GRAB	395 Klahanie Court	18-Apr-16	0.41	<1	2	10	<1	0.26
WVR-797	GRAB	395 Klahanie Court	16-May-16	0.48	<1	<2	12	<1	0.17
WVR-797	GRAB	395 Klahanie Court	13-Jun-16	0.73	<1	2	12	<1	0.27
WVR-797	GRAB	395 Klahanie Court	11-Jul-16	1.05	<1	6	12	<1	0.2
WVR-797	GRAB	395 Klahanie Court	8-Aug-16	1.09	<1	<2	15	<1	0.2
WVR-797	GRAB	395 Klahanie Court	7-Sep-16	0.74	<1	8	18	<1	0.2
WVR-797	GRAB	395 Klahanie Court	3-Oct-16	1.04	<1	4	12	<1	0.23
WVR-797	GRAB	395 Klahanie Court	31-Oct-16	1.07	<1	<2	11	<1	0.24
WVR-797	GRAB	395 Klahanie Court	28-Nov-16	0.94	<1	2	10	<1	0.14
WVR-797	GRAB	395 Klahanie Court	28-Dec-16	0.7	<1	NA	5	<1	0.1
WVR-880	GRAB	965 Cross Creek Road	21-Nov-16	1.3	<1	<2	10	<1	0.13
WEAG-710	GRAB	4782 Woodgreen Drive	4-Jan-16	1.3	<1	<2	4	<1	0.14
WEAG-710	GRAB	4782 Woodgreen Drive	1-Feb-16	1.2	<1	<2	6	<1	0.23
WEAG-710	GRAB	4782 Woodgreen Drive	29-Feb-16	1.3	<1	<2	6	<1	0.13
WEAG-710	GRAB	4782 Woodgreen Drive	30-Mar-16	1.2	<1	<2	7	<1	0.07

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WEAG-710	GRAB	4782 Woodgreen Drive	25-Apr-16	1.46	<1	<2	10	<1	0.3
WEAG-710	GRAB	4782 Woodgreen Drive	25-May-16	1.26	<1	<2	14	<1	0.23
WEAG-710	GRAB	4782 Woodgreen Drive	20-Jun-16	1.38	<1	<2	12	<1	0.25
WEAG-710	GRAB	4782 Woodgreen Drive	18-Jul-16	2.07	<1	<2	18	<1	0.13
WEAG-710	GRAB	4782 Woodgreen Drive	15-Aug-16	1.18	<1	<2	21	<1	0.11
WEAG-710	GRAB	4782 Woodgreen Drive	12-Sep-16	1.67	<1	<2	16	<1	0.2
WEAG-710	GRAB	4782 Woodgreen Drive	12-Oct-16	1.66	<1	<2	0.9	<1	0.34
WEAG-710	GRAB	4782 Woodgreen Drive	7-Nov-16	1.09	<1	<2	10	<1	0.07
WEAG-710	GRAB	4782 Woodgreen Drive	5-Dec-16	1.14	<1	10	8	<1	0.11
WEAG-716	GRAB	The Dale & Marine	4-Jan-16	1.1	<1	2	5	<1	0.15
WEAG-716	GRAB	The Dale & Marine	18-Jan-16	1	<1	<2	7	<1	0.64
WEAG-716	GRAB	The Dale & Marine	1-Feb-16	0.95	<1	2	6	<1	0.11
WEAG-716	GRAB	The Dale & Marine	15-Feb-16	1	<1	4	5	<1	0.16
WEAG-716	GRAB	The Dale & Marine	29-Feb-16	1	<1	<2	11	<1	0.16
WEAG-716	GRAB	The Dale & Marine	14-Mar-16	0.98	<1	2	8	<1	0.27
WEAG-716	GRAB	The Dale & Marine	30-Mar-16	1	<1	<2	9	<1	0.2
WEAG-716	GRAB	The Dale & Marine	11-Apr-16	0.91	<1	<2	10	<1	0.19
WEAG-716	GRAB	The Dale & Marine	25-Apr-16	0.93	<1	<2	12	<1	0.23
WEAG-716	GRAB	The Dale & Marine	9-May-16	0.91	<1	<2	11	<1	1.1
WEAG-716	GRAB	The Dale & Marine	25-May-16	1.01	<1	<2	14	<1	0.34
WEAG-716	GRAB	The Dale & Marine	6-Jun-16	0.84	<1	2	15	<1	0.29
WEAG-716	GRAB	The Dale & Marine	20-Jun-16	1.09	<1	2	15	<1	0.22
WEAG-716	GRAB	The Dale & Marine	4-Jul-16	1.19	<1	<2	12	<1	0.33
WEAG-716	GRAB	The Dale & Marine	18-Jul-16	1.41	<1	4	18	<1	0.27
WEAG-716	GRAB	The Dale & Marine	3-Aug-16	1.49	<1	14	21	<1	0.38
WEAG-716	GRAB	The Dale & Marine	15-Aug-16	1.04	<1	2	22	<1	0.41
WEAG-716	GRAB	The Dale & Marine	29-Aug-16	0.96	<1	2	21	<1	0.26
WEAG-716	GRAB	The Dale & Marine	12-Sep-16	1.27	<1	<2	17	<1	0.49
WEAG-716	GRAB	The Dale & Marine	26-Sep-16	1.54	<1	6	17	<1	0.27
WEAG-716	GRAB	The Dale & Marine	12-Oct-16	1.09	<1	8	12	<1	0.22
WEAG-716	GRAB	The Dale & Marine	24-Oct-16	0.58	<1	6	12	<1	0.11
WEAG-716	GRAB	The Dale & Marine	7-Nov-16	0.68	<1	2	13	<1	0.09
WEAG-716	GRAB	The Dale & Marine	21-Nov-16	1.01	<1	2	10	<1	1
WEAG-716	GRAB	The Dale & Marine	5-Dec-16	0.6	<1	4	10	<1	0.2
WEAG-716	GRAB	The Dale & Marine	19-Dec-16	0.7	<1	4	5	<1	0.16
WEAG-719	GRAB	2600 Chelsea Court	11-Jan-16	0.91	<1	<2	8	<1	0.14
WEAG-719	GRAB	2600 Chelsea Court	10-Feb-16	0.62	<1	28	8	<1	0.18
WEAG-719	GRAB	2600 Chelsea Court	22-Feb-16	0.53	<1	<2	9	<1	0.32
WEAG-719	GRAB	2600 Chelsea Court	7-Mar-16	0.77	<1	<2	8	<1	0.14
WEAG-719	GRAB	2600 Chelsea Court	21-Mar-16	0.96	<1	4	9	<1	0.15
WEAG-719	GRAB	2600 Chelsea Court	4-Apr-16	0.88	<1	<2	11	<1	0.13
WEAG-719	GRAB	2600 Chelsea Court	18-Apr-16	0.82	<1	<2	14	<1	0.37
WEAG-719	GRAB	2600 Chelsea Court	2-May-16	0.86	<1	2	15	<1	0.13
WEAG-719	GRAB	2600 Chelsea Court	16-May-16	1	<1	<2	14	<1	0.27
WEAG-719	GRAB	2600 Chelsea Court	30-May-16	1.04	<1	<2	13	<1	0.11
WEAG-719	GRAB	2600 Chelsea Court	13-Jun-16	0.81	<1	10	14	<1	0.18
WEAG-719	GRAB	2600 Chelsea Court	11-Jul-16	1.45	<1	<2	14	<1	1.3
WEAG-719	GRAB	2600 Chelsea Court	25-Jul-16	1.47	<1	<2	18	<1	0.09
WEAG-719	GRAB	2600 Chelsea Court	8-Aug-16	1.32	<1	<2	22	<1	0.19
WEAG-719	GRAB	2600 Chelsea Court	22-Aug-16	0.98	<1	<2	22	<1	0.09
WEAG-719	GRAB	2600 Chelsea Court	7-Sep-16	0.88	<1	<2	21	<1	0.18
WEAG-719	GRAB	2600 Chelsea Court	19-Sep-16	0.68	<1	2	17	<1	0.28
WEAG-719	GRAB	2600 Chelsea Court	3-Oct-16	1.23	<1	42	18	<1	0.44
WEAG-719	GRAB	2600 Chelsea Court	18-Oct-16	0.84	<1	<2	12	<1	0.16
WEAG-719	GRAB	2600 Chelsea Court	31-Oct-16	0.56	<1	2	12	<1	0.21
WEAG-719	GRAB	2600 Chelsea Court	14-Nov-16	0.5	<1	8	12	<1	0.16
WEAG-719	GRAB	2600 Chelsea Court	28-Nov-16	1.46	<1	<2	10	<1	0.13
WEAG-719	GRAB	2600 Chelsea Court	12-Dec-16	1.23	<1	2	6	<1	0.1
WEAG-719	GRAB	2600 Chelsea Court	28-Dec-16	1	<1	NA	4	<1	0.31
WEAG-761	GRAB	243 Rabbit Lane	25-Jan-16	0.26	<1	<2	6	<1	0.78
WEAG-765	GRAB	5459 West Vista Court	18-Jan-16	1.1	<1	120	7	<1	0.14
WEAG-765	GRAB	5459 West Vista Court	15-Feb-16	1.1	<1	180	7	<1	0.32
WEAG-765	GRAB	5459 West Vista Court	14-Mar-16	0.94	<1	<2	8	<1	0.11
WEAG-765	GRAB	5459 West Vista Court	11-Apr-16	0.97	<1	110	12	<1	0.17
WEAG-765	GRAB	5459 West Vista Court	9-May-16	0.9	<1	<2	12	<1	0.17
WEAG-765	GRAB	5459 West Vista Court	6-Jun-16	0.71	<1	<2	15	<1	0.21
WEAG-765	GRAB	5459 West Vista Court	4-Jul-16	1.12	<1	28	14	<1	0.16
WEAG-765	GRAB	5459 West Vista Court	3-Aug-16	1.34	<1	38	24	<1	0.15
WEAG-765	GRAB	5459 West Vista Court	29-Aug-16	0.93	<1	2	21	<1	0.11
WEAG-765	GRAB	5459 West Vista Court	26-Sep-16	1.89	<1	<2	18	<1	0.28
WEAG-765	GRAB	5459 West Vista Court	24-Oct-16	0.76	<1	<2	11	<1	0.19
WEAG-765	GRAB	5459 West Vista Court	21-Nov-16	0.96	<1	2	11	<1	0.28

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WEAG-765	GRAB	5459 West Vista Court	19-Dec-16	0.79	<1	2	5	<1	0.09
WEAG-768	GRAB	2185 Gisby Street	22-Feb-16	0.99	<1	4	8	<1	0.11
WEAG-768	GRAB	2185 Gisby Street	21-Mar-16	1.1	<1	<2	8	<1	0.1
WEAG-768	GRAB	2185 Gisby Street	18-Apr-16	1.07	<1	2	15	<1	0.09
WEAG-768	GRAB	2185 Gisby Street	16-May-16	0.7	<1	2	11	<1	0.15
WEAG-768	GRAB	2185 Gisby Street	13-Jun-16	0.79	<1	<2	12	<1	0.14
WEAG-768	GRAB	2185 Gisby Street	11-Jul-16	1.17	<1	<2	15	<1	0.2
WEAG-768	GRAB	2185 Gisby Street	8-Aug-16	0.9	<1	4	20	<1	0.16
WEAG-768	GRAB	2185 Gisby Street	7-Sep-16	0.97	<1	<2	22	<1	0.24
WEAG-768	GRAB	2185 Gisby Street	3-Oct-16	1.57	<1	2	16	<1	0.08
WEAG-768	GRAB	2185 Gisby Street	31-Oct-16	1.46	<1	<2	11	<1	0.24
WEAG-768	GRAB	2185 Gisby Street	28-Nov-16	1.44	<1	<2	11	<1	0.17
WEAG-768	GRAB	2185 Gisby Street	28-Dec-16	1.02	<1	NA	4	<1	0.06
WEAG-769	GRAB	1210 Chartwell Drive	4-Jan-16	0.63	<1	2	5	<1	0.1
WEAG-769	GRAB	1210 Chartwell Drive	1-Feb-16	1	<1	<2	7	<1	0.24
WEAG-769	GRAB	1210 Chartwell Drive	29-Feb-16	1.2	<1	<2	11	<1	0.1
WEAG-769	GRAB	1210 Chartwell Drive	30-Mar-16	1.1	<1	<2	11	<1	0.19
WEAG-769	GRAB	1210 Chartwell Drive	25-Apr-16	1.08	<1	<2	13	<1	0.15
WEAG-769	GRAB	1210 Chartwell Drive	25-May-16	0.75	<1	<2	11	<1	0.48
WEAG-769	GRAB	1210 Chartwell Drive	20-Jun-16	0.83	<1	<2	17	<1	0.19
WEAG-769	GRAB	1210 Chartwell Drive	18-Jul-16	1.16	<1	<2	20	<1	0.14
WEAG-769	GRAB	1210 Chartwell Drive	15-Aug-16	0.77	<1	<2	24	<1	0.15
WEAG-769	GRAB	1210 Chartwell Drive	12-Sep-16	1.07	<1	<2	19	<1	0.21
WEAG-769	GRAB	1210 Chartwell Drive	12-Oct-16	1.54	<1	<2	14	<1	0.1
WEAG-769	GRAB	1210 Chartwell Drive	7-Nov-16	0.75	<1	<2	12	<1	0.11
WEAG-769	GRAB	1210 Chartwell Drive	5-Dec-16	0.97	<1	<2	10	<1	0.11
WEAG-770	GRAB	3828 Bayridge Avenue	4-Jan-16	0.51	<1	<2	4	<1	0.16
WEAG-770	GRAB	3828 Bayridge Avenue	18-Jan-16	1.1	<1	<2	7	<1	0.09
WEAG-770	GRAB	3828 Bayridge Avenue	1-Feb-16	0.98	<1	<2	7	<1	0.1
WEAG-770	GRAB	3828 Bayridge Avenue	15-Feb-16	1.2	<1	<2	7	<1	0.12
WEAG-770	GRAB	3828 Bayridge Avenue	29-Feb-16	1.4	<1	<2	10	<1	0.14
WEAG-770	GRAB	3828 Bayridge Avenue	14-Mar-16	0.91	<1	4	7	<1	0.14
WEAG-770	GRAB	3828 Bayridge Avenue	30-Mar-16	1.3	<1	<2	9	<1	0.1
WEAG-770	GRAB	3828 Bayridge Avenue	11-Apr-16	0.92	<1	<2	11	<1	0.16
WEAG-770	GRAB	3828 Bayridge Avenue	25-Apr-16	1.09	<1	<2	14	<1	0.12
WEAG-770	GRAB	3828 Bayridge Avenue	9-May-16	0.76	<1	2	9	<1	0.43
WEAG-770	GRAB	3828 Bayridge Avenue	25-May-16	0.73	<1	<2	11	<1	0.41
WEAG-770	GRAB	3828 Bayridge Avenue	6-Jun-16	0.82	<1	<2	14	<1	0.29
WEAG-770	GRAB	3828 Bayridge Avenue	20-Jun-16	0.83	<1	<2	15	<1	0.19
WEAG-770	GRAB	3828 Bayridge Avenue	4-Jul-16	0.98	<1	<2	12	<1	0.3
WEAG-770	GRAB	3828 Bayridge Avenue	18-Jul-16	1.13	<1	<2	20	<1	0.16
WEAG-770	GRAB	3828 Bayridge Avenue	3-Aug-16	0.83	<1	<2	22	<1	0.13
WEAG-770	GRAB	3828 Bayridge Avenue	15-Aug-16	1.19	<1	<2	24	<1	0.1
WEAG-770	GRAB	3828 Bayridge Avenue	29-Aug-16	0.66	<1	<2	17	<1	0.2
WEAG-770	GRAB	3828 Bayridge Avenue	12-Sep-16	0.88	<1	2	19	<1	0.14
WEAG-770	GRAB	3828 Bayridge Avenue	26-Sep-16	1.52	<1	<2	18	<1	0.14
WEAG-770	GRAB	3828 Bayridge Avenue	12-Oct-16	0.69	<1	<2	12	<1	0.2
WEAG-770	GRAB	3828 Bayridge Avenue	24-Oct-16	0.71	<1	<2	11	<1	0.15
WEAG-770	GRAB	3828 Bayridge Avenue	7-Nov-16	0.81	<1	<2	12	<1	0.2
WEAG-770	GRAB	3828 Bayridge Avenue	21-Nov-16	1.34	<1	<2	11	<1	0.34
WEAG-770	GRAB	3828 Bayridge Avenue	5-Dec-16	0.57	<1	<2	9	<1	0.1
WEAG-770	GRAB	3828 Bayridge Avenue	19-Dec-16	0.88	<1	8	4	<1	0.24
WEAG-771	GRAB	6588 Royal Ave.	4-Jan-16	1.4	<1	<2	6	<1	0.16
WEAG-771	GRAB	6588 Royal Ave.	18-Jan-16	1.3	<1	<2	7	<1	0.18
WEAG-771	GRAB	6588 Royal Ave.	1-Feb-16	1.3	<1	<2	6	<1	0.11
WEAG-771	GRAB	6588 Royal Ave.	15-Feb-16	1.2	<1	<2	7	<1	0.22
WEAG-771	GRAB	6588 Royal Ave.	29-Feb-16	1.2	<1	<2	10	<1	0.37
WEAG-771	GRAB	6588 Royal Ave.	14-Mar-16	0.92	<1	<2	8	<1	4.5
WEAG-771	GRAB	6588 Royal Ave.	30-Mar-16	1	<1	<2	8	<1	0.2
WEAG-771	GRAB	6588 Royal Ave.	11-Apr-16	1.06	<1	<2	10	<1	0.18
WEAG-771	GRAB	6588 Royal Ave.	25-Apr-16	0.76	<1	2	11	<1	0.24
WEAG-771	GRAB	6588 Royal Ave.	9-May-16	0.84	<1	6	8	<1	0.18
WEAG-771	GRAB	6588 Royal Ave.	25-May-16	0.97	<1	<2	16	<1	0.17
WEAG-771	GRAB	6588 Royal Ave.	6-Jun-16	0.81	<1	<2	15	<1	0.25
WEAG-771	GRAB	6588 Royal Ave.	20-Jun-16	1.75	<1	56	14	<1	0.2
WEAG-771	GRAB	6588 Royal Ave.	4-Jul-16	1.14	<1	2	11	<1	0.23
WEAG-771	GRAB	6588 Royal Ave.	18-Jul-16	1.45	<1	8	17	<1	0.16
WEAG-771	GRAB	6588 Royal Ave.	3-Aug-16	1.63	<1	<2	18	<1	0.18
WEAG-771	GRAB	6588 Royal Ave.	15-Aug-16	0.77	31	46	24	53	0.13
WEAG-771	Retest	6588 Royal Ave.	16-Aug-16	0.65	<1			<1	
WEAG-771	Retest	6588 Royal Ave.	17-Aug-16	0.68	<1			<1	
WEAG-771	Retest	6588 Royal Ave.	18-Aug-16	0.81	<1			<1	

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WEAG-771	GRAB	6588 Royal Ave.	29-Aug-16	0.66	<1	<2	22	<1	0.13
WEAG-771	GRAB	6588 Royal Ave.	12-Sep-16	1.11	<1	<2	18	<1	0.13
WEAG-771	GRAB	6588 Royal Ave.	26-Sep-16	1.16	<1	<2	16	<1	0.21
WEAG-771	GRAB	6588 Royal Ave.	12-Oct-16	0.91	<1	<2	10	<1	0.17
WEAG-771	GRAB	6588 Royal Ave.	24-Oct-16	0.47	<1	<2	13	<1	0.14
WEAG-771	GRAB	6588 Royal Ave.	7-Nov-16	0.71	<1	<2	12	<1	0.22
WEAG-771	GRAB	6588 Royal Ave.	21-Nov-16	0.93	<1	<2	11	<1	0.19
WEAG-771	GRAB	6588 Royal Ave.	5-Dec-16	0.61	<1	<2	10	<1	0.11
WEAG-771	GRAB	6588 Royal Ave.	19-Dec-16	0.71	<1	<2	5	<1	0.29
WEAG-772	GRAB	6470 Madrona Crescent	4-Jan-16	1.5	<1	<2	5	<1	0.13
WEAG-772	GRAB	6470 Madrona Crescent	18-Jan-16	1.4	<1	<2	7	<1	0.29
WEAG-772	GRAB	6470 Madrona Crescent	1-Feb-16	0.21	<1	14	7	<1	2.3
WEAG-772	GRAB	6470 Madrona Crescent	15-Feb-16	1.3	<1	<2	7	<1	0.17
WEAG-772	GRAB	6470 Madrona Crescent	29-Feb-16	1.3	<1	<2	10	<1	0.15
WEAG-772	GRAB	6470 Madrona Crescent	14-Mar-16	0.87	<1	<2	7	<1	0.26
WEAG-772	GRAB	6470 Madrona Crescent	30-Mar-16	1	<1	<2	8	<1	0.13
WEAG-772	GRAB	6470 Madrona Crescent	11-Apr-16	0.99	<1	2	11	<1	0.13
WEAG-772	GRAB	6470 Madrona Crescent	25-Apr-16	0.86	<1	2	12	<1	0.14
WEAG-772	GRAB	6470 Madrona Crescent	9-May-16	1.1	<1	<2	7	<1	0.27
WEAG-772	GRAB	6470 Madrona Crescent	25-May-16	1.27	<1	<2	14	<1	0.16
WEAG-772	GRAB	6470 Madrona Crescent	6-Jun-16	0.94	<1	<2	14	<1	0.29
WEAG-772	GRAB	6470 Madrona Crescent	20-Jun-16	0.99	<1	<2	14	<1	0.17
WEAG-772	GRAB	6470 Madrona Crescent	4-Jul-16	1.2	<1	<2	11	<1	0.27
WEAG-772	GRAB	6470 Madrona Crescent	18-Jul-16	1.53	<1	<2	19	<1	0.1
WEAG-772	GRAB	6470 Madrona Crescent	3-Aug-16	1.09	<1	<2	18	<1	0.32
WEAG-772	GRAB	6470 Madrona Crescent	15-Aug-16	0.76	<1	<2	22	<1	0.1
WEAG-772	GRAB	6470 Madrona Crescent	29-Aug-16	0.87	<1	<2	21	<1	0.19
WEAG-772	GRAB	6470 Madrona Crescent	12-Sep-16	1.14	<1	<2	18	<1	0.2
WEAG-772	GRAB	6470 Madrona Crescent	26-Sep-16	1.29	<1	<2	16	<1	0.22
WEAG-772	GRAB	6470 Madrona Crescent	12-Oct-16	0.78	<1	2	11	<1	0.36
WEAG-772	GRAB	6470 Madrona Crescent	24-Oct-16	0.69	<1	<2	11	<1	0.14
WEAG-772	GRAB	6470 Madrona Crescent	7-Nov-16	0.49	<1	4	13	<1	0.25
WEAG-772	GRAB	6470 Madrona Crescent	21-Nov-16	0.98	<1	<2	11	<1	0.33
WEAG-772	GRAB	6470 Madrona Crescent	5-Dec-16	0.88	<1	<2	7	<1	0.16
WEAG-772	GRAB	6470 Madrona Crescent	19-Dec-16	0.86	<1	<2	5	<1	0.3
WEAG-773	GRAB	Whytcliffe Park	18-Jan-16	0.62	<1	4	6	<1	0.47
WEAG-773	GRAB	Whytcliffe Park	15-Feb-16	0.23	<1	8	5	<1	0.94
WEAG-773	GRAB	Whytcliffe Park	14-Mar-16	0.5	<1	<2	8	<1	0.19
WEAG-773	GRAB	Whytcliffe Park	11-Apr-16	0.76	<1	2	9	<1	0.14
WEAG-773	GRAB	Whytcliffe Park	9-May-16	0.67	<1	<2	8	<1	0.29
WEAG-773	GRAB	Whytcliffe Park	6-Jun-16	0.73	<1	<2	16	<1	0.21
WEAG-773	GRAB	Whytcliffe Park	4-Jul-16	1.05	<1	2	12	<1	0.28
WEAG-773	GRAB	Whytcliffe Park	3-Aug-16	1.03	<1	2	20	<1	0.23
WEAG-773	GRAB	Whytcliffe Park	29-Aug-16	0.34	<1	2	21	<1	0.15
WEAG-773	GRAB	Whytcliffe Park	26-Sep-16	0.87	<1	4	18	<1	0.17
WEAG-773	GRAB	Whytcliffe Park	24-Oct-16	0.17	<1	4	12	<1	0.12
WEAG-774	GRAB	6117 Gleneagles Drive	4-Jan-16	1.1	<1	<2	5	<1	0.4
WEAG-774	GRAB	6117 Gleneagles Drive	1-Feb-16	1.4	<1	<2	5	<1	1.4
WEAG-774	GRAB	6117 Gleneagles Drive	29-Feb-16	1.1	<1	<2	10	<1	0.29
WEAG-774	GRAB	6117 Gleneagles Drive	30-Mar-16	1.2	<1	<2	8	<1	0.15
WEAG-774	GRAB	6117 Gleneagles Drive	25-Apr-16	0.99	<1	<2	14	<1	0.23
WEAG-774	GRAB	6117 Gleneagles Drive	25-May-16	1.25	<1	<2	14	<1	0.17
WEAG-774	GRAB	6117 Gleneagles Drive	20-Jun-16	1.11	<1	<2	15	<1	0.17
WEAG-774	GRAB	6117 Gleneagles Drive	18-Jul-16	1.41	<1	<2	19	<1	0.25
WEAG-774	GRAB	6117 Gleneagles Drive	15-Aug-16	1.03	<1	<2	23	<1	0.09
WEAG-774	GRAB	6117 Gleneagles Drive	12-Sep-16	1.22	<1	<2	17	<1	0.1
WEAG-774	GRAB	6117 Gleneagles Drive	12-Oct-16	1.02	<1	2	14	<1	0.21
WEAG-774	GRAB	6117 Gleneagles Drive	7-Nov-16	0.71	<1	6	12	<1	0.09
WEAG-774	GRAB	6117 Gleneagles Drive	21-Nov-16	1.16	<1	<2	10	<1	0.52
WEAG-774	GRAB	6117 Gleneagles Drive	5-Dec-16	0.8	<1	<2	10	<1	0.19
WEAG-774	GRAB	6117 Gleneagles Drive	19-Dec-16	0.89	<1	<2	5	<1	0.2
WEAG-776	GRAB	3755 Cypress Bowl Road	4-Jan-16	0.59	<1	<2	5	<1	0.12
WEAG-776	GRAB	3755 Cypress Bowl Road	1-Feb-16	0.63	<1	2	8	<1	0.71
WEAG-776	GRAB	3755 Cypress Bowl Road	29-Feb-16	0.46	<1	<2	10	<1	0.48
WEAG-776	GRAB	3755 Cypress Bowl Road	30-Mar-16	1.3	<1	<2	7	<1	0.09
WEAG-776	GRAB	3755 Cypress Bowl Road	25-Apr-16	1.19	<1	<2	11	<1	0.11
WEAG-776	GRAB	3755 Cypress Bowl Road	25-May-16	1.15	<1	<2	14	<1	0.11
WEAG-776	GRAB	3755 Cypress Bowl Road	20-Jun-16	0.22	<1	6	16	<1	0.31
WEAG-776	GRAB	3755 Cypress Bowl Road	18-Jul-16	0.99	<1	<2	19	<1	0.1
WEAG-776	GRAB	3755 Cypress Bowl Road	15-Aug-16	0.94	<1	<2	22	<1	0.08
WEAG-776	GRAB	3755 Cypress Bowl Road	12-Sep-16	0.93	<1	4	18	<1	0.06
WEAG-776	GRAB	3755 Cypress Bowl Road	12-Oct-16	1.94	<1	<2	11	<1	0.12

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WEAG-776	GRAB	3755 Cypress Bowl Road	7-Nov-16	0.91	<1	<2	12	<1	0.17
WEAG-776	GRAB	3755 Cypress Bowl Road	5-Dec-16	1.29	<1	2	6	<1	0.07
WEAG-778	GRAB	6190 Marine Drive	4-Jan-16	1.5	<1	<2	5	<1	0.19
WEAG-778	GRAB	6190 Marine Drive	18-Jan-16	1.4	<1	<2	6	<1	0.25
WEAG-778	GRAB	6190 Marine Drive	1-Feb-16	1.4	<1	<2	5	<1	0.15
WEAG-778	GRAB	6190 Marine Drive	15-Feb-16	1.4	<1	<2	6	<1	0.3
WEAG-778	GRAB	6190 Marine Drive	29-Feb-16	1.4	<1	<2	11	<1	0.14
WEAG-778	GRAB	6190 Marine Drive	14-Mar-16	1	<1	<2	7	<1	0.23
WEAG-778	GRAB	6190 Marine Drive	30-Mar-16	1.2	<1	<2	7	<1	0.29
WEAG-778	GRAB	6190 Marine Drive	11-Apr-16	1.17	<1	<2	10	<1	0.26
WEAG-778	GRAB	6190 Marine Drive	25-Apr-16	1.06	<1	<2	12	<1	0.23
WEAG-778	GRAB	6190 Marine Drive	9-May-16	1.21	<1	<2	7	<1	0.15
WEAG-778	GRAB	6190 Marine Drive	25-May-16	1.25	<1	<2	14	<1	0.2
WEAG-778	GRAB	6190 Marine Drive	6-Jun-16	0.97	<1	<2	14	<1	0.72
WEAG-778	GRAB	6190 Marine Drive	20-Jun-16	1.05	<1	<2	14	<1	0.21
WEAG-778	GRAB	6190 Marine Drive	4-Jul-16	1.24	<1	<2	12	<1	0.43
WEAG-778	GRAB	6190 Marine Drive	18-Jul-16	1.51	<1	2	17	<1	0.15
WEAG-778	GRAB	6190 Marine Drive	3-Aug-16	1.55	<1	<2	18	<1	0.16
WEAG-778	GRAB	6190 Marine Drive	15-Aug-16	0.99	<1	<2	22	<1	0.07
WEAG-778	GRAB	6190 Marine Drive	29-Aug-16	0.95	<1	<2	20	<1	0.12
WEAG-778	GRAB	6190 Marine Drive	12-Sep-16	1.28	<1	<2	18	<1	0.28
WEAG-778	GRAB	6190 Marine Drive	26-Sep-16	1.51	<1	<2	18	<1	0.22
WEAG-778	GRAB	6190 Marine Drive	12-Oct-16	1.25	<1	<2	11	<1	0.21
WEAG-778	GRAB	6190 Marine Drive	24-Oct-16	0.73	<1	<2	11	<1	0.21
WEAG-778	GRAB	6190 Marine Drive	7-Nov-16	0.75	<1	<2	12	<1	0.11
WEAG-778	GRAB	6190 Marine Drive	21-Nov-16	1.14	<1	<2	10	<1	0.27
WEAG-778	GRAB	6190 Marine Drive	5-Dec-16	0.88	<1	2	7	<1	0.13
WEAG-778	GRAB	6190 Marine Drive	19-Dec-16	0.83	<1	<2	4	<1	0.33
WEAG-779	GRAB	1370 Burnside Road	11-Jan-16	0.77	<1	<2	8	<1	0.1
WEAG-779	GRAB	1370 Burnside Road	10-Feb-16	0.75	<1	<2	5	<1	0.18
WEAG-779	GRAB	1370 Burnside Road	7-Mar-16	1.4	<1	<2	9	<1	0.18
WEAG-779	GRAB	1370 Burnside Road	4-Apr-16	0.98	<1	<2	11	<1	0.27
WEAG-779	GRAB	1370 Burnside Road	2-May-16	0.92	<1	<2	12	<1	0.15
WEAG-779	GRAB	1370 Burnside Road	30-May-16	0.78	<1	<2	10	<1	0.15
WEAG-779	GRAB	1370 Burnside Road	25-Jul-16	1.25	<1	2	15	<1	0.13
WEAG-779	GRAB	1370 Burnside Road	22-Aug-16	0.94	<1	<2	20	<1	0.1
WEAG-779	GRAB	1370 Burnside Road	19-Sep-16	0.66	<1	<2	17	<1	0.16
WEAG-779	GRAB	1370 Burnside Road	18-Oct-16	1.66	<1	<2	12	<1	0.18
WEAG-779	GRAB	1370 Burnside Road	14-Nov-16	1.34	<1	<2	12	<1	0.18
WEAG-779	GRAB	1370 Burnside Road	12-Dec-16	1.39	<1	4	8	<1	0.11
WEAG-780	GRAB	5634 Westhaven Road	18-Jan-16	1.2	<1	<2	6	<1	0.42
WEAG-780	GRAB	5634 Westhaven Road	15-Feb-16	1.2	<1	2	5	<1	0.19
WEAG-780	GRAB	5634 Westhaven Road	14-Mar-16	1.1	<1	<2	7	<1	0.16
WEAG-780	GRAB	5634 Westhaven Road	11-Apr-16	1.13	<1	<2	11	<1	0.19
WEAG-780	GRAB	5634 Westhaven Road	9-May-16	0.96	<1	<2	11	<1	0.18
WEAG-780	GRAB	5634 Westhaven Road	6-Jun-16	0.98	<1	<2	14	<1	0.55
WEAG-780	GRAB	5634 Westhaven Road	4-Jul-16	1.41	<1	4	12	<1	0.17
WEAG-780	GRAB	5634 Westhaven Road	3-Aug-16	1.31	<1	<2	20	<1	0.14
WEAG-780	GRAB	5634 Westhaven Road	29-Aug-16	1.03	<1	<2	20	<1	0.11
WEAG-780	GRAB	5634 Westhaven Road	26-Sep-16	1.84	<1	<2	16	<1	0.22
WEAG-780	GRAB	5634 Westhaven Road	24-Oct-16	1.02	<1	<2	11	<1	0.37
WEAG-780	GRAB	5634 Westhaven Road	21-Nov-16	1.29	<1	2	9	<1	0.35
WEAG-780	GRAB	5634 Westhaven Road	19-Dec-16	0.92	<1	<2	5	<1	0.24
WEAG-783	GRAB	4520 Almondel Place	4-Jan-16	1.2	<1	<2	4	<1	0.13
WEAG-783	GRAB	4520 Almondel Place	1-Feb-16	0.97	<1	<2	7	<1	0.13
WEAG-783	GRAB	4520 Almondel Place	29-Feb-16	1.3	<1	6	9	<1	0.34
WEAG-783	GRAB	4520 Almondel Place	30-Mar-16	1.2	<1	2	10	<1	0.18
WEAG-783	GRAB	4520 Almondel Place	25-Apr-16	1.12	<1	<2	14	<1	0.66
WEAG-783	GRAB	4520 Almondel Place	25-May-16	1.11	<1	<2	14	<1	0.16
WEAG-783	GRAB	4520 Almondel Place	20-Jun-16	1.46	<1	2	17	<1	0.15
WEAG-783	GRAB	4520 Almondel Place	18-Jul-16	1.44	<1	<2	20	<1	0.09
WEAG-783	GRAB	4520 Almondel Place	15-Aug-16	1.16	<1	6	24	<1	0.26
WEAG-783	GRAB	4520 Almondel Place	12-Sep-16	1.34	<1	8	20	<1	0.2
WEAG-783	GRAB	4520 Almondel Place	12-Oct-16	1.54	<1	4	11	<1	0.15
WEAG-783	GRAB	4520 Almondel Place	7-Nov-16	0.88	<1	<2	11	<1	0.21
WEAG-783	GRAB	4520 Almondel Place	5-Dec-16	0.95	<1	4	8	<1	0.11
WEAG-784	GRAB	5759 Primrose Place	18-Jan-16	1.5	<1	<2	5	<1	0.29
WEAG-784	GRAB	5759 Primrose Place	15-Feb-16	1.2	<1	<2	6	<1	0.25
WEAG-784	GRAB	5759 Primrose Place	14-Mar-16	1	<1	<2	6	<1	0.13
WEAG-784	GRAB	5759 Primrose Place	11-Apr-16	1	<1	<2	9	<1	0.35
WEAG-784	GRAB	5759 Primrose Place	9-May-16	1.06	<1	<2	11	<1	0.26
WEAG-784	GRAB	5759 Primrose Place	6-Jun-16	0.76	<1	4	15	<1	0.59

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WEAG-784	GRAB	5759 Primrose Place	4-Jul-16	1.32	<1	6	11	<1	0.47
WEAG-784	GRAB	5759 Primrose Place	3-Aug-16	1.3	<1	<2	21	<1	0.41
WEAG-784	GRAB	5759 Primrose Place	29-Aug-16	0.86	<1	<2	21	<1	0.21
WEAG-784	GRAB	5759 Primrose Place	26-Sep-16	1.72	<1	<2	17	<1	0.25
WEAG-784	GRAB	5759 Primrose Place	24-Oct-16	0.58	<1	2	10	<1	0.17
WEAG-784	GRAB	5759 Primrose Place	21-Nov-16	1.06	<1	<2	11	<1	0.32
WEAG-784	GRAB	5759 Primrose Place	19-Dec-16	0.76	<1	2	4	<1	0.22
WEAG-785	GRAB	4820 Headland Drive	18-Jan-16	1	<1	2	5	<1	0.15
WEAG-785	GRAB	4820 Headland Drive	15-Feb-16	1	<1	4	6	<1	0.14
WEAG-785	GRAB	4820 Headland Drive	14-Mar-16	1	<1	10	7	<1	0.16
WEAG-785	GRAB	4820 Headland Drive	11-Apr-16	0.96	<1	<2	11	<1	0.18
WEAG-785	GRAB	4820 Headland Drive	9-May-16	1	<1	<2	11	<1	0.45
WEAG-785	GRAB	4820 Headland Drive	6-Jun-16	0.92	<1	<2	15	<1	0.23
WEAG-785	GRAB	4820 Headland Drive	4-Jul-16	1.38	<1	<2	13	<1	0.36
WEAG-785	GRAB	4820 Headland Drive	3-Aug-16	1.52	<1	<2	21	<1	0.22
WEAG-785	GRAB	4820 Headland Drive	29-Aug-16	1.03	<1	4	21	<1	0.31
WEAG-785	GRAB	4820 Headland Drive	26-Sep-16	1.89	<1	<2	18	<1	0.26
WEAG-785	GRAB	4820 Headland Drive	24-Oct-16	0.73	<1	<2	11	<1	0.24
WEAG-785	GRAB	4820 Headland Drive	21-Nov-16	1.06	<1	<2	10	<1	0.22
WEAG-785	GRAB	4820 Headland Drive	19-Dec-16	0.95	<1	2	5	<1	0.17
WEAG-786	GRAB	1158 Millstream Road	22-Feb-16	0.98	<1	<2	8	<1	0.19
WEAG-786	GRAB	1158 Millstream Road	21-Mar-16	1.2	<1	<2	7	<1	0.09
WEAG-786	GRAB	1158 Millstream Road	18-Apr-16	1.07	<1	2	12	<1	0.21
WEAG-786	GRAB	1158 Millstream Road	16-May-16	0.86	<1	2	9	<1	0.23
WEAG-786	GRAB	1158 Millstream Road	13-Jun-16	0.88	<1	2	12	<1	0.18
WEAG-786	GRAB	1158 Millstream Road	11-Jul-16	1.25	<1	6	13	<1	0.19
WEAG-786	GRAB	1158 Millstream Road	8-Aug-16	1.13	<1	<2	20	<1	0.19
WEAG-786	GRAB	1158 Millstream Road	7-Sep-16	1.05	<1	<2	18	<1	0.21
WEAG-786	GRAB	1158 Millstream Road	3-Oct-16	1.35	<1	2	14	<1	0.14
WEAG-786	GRAB	1158 Millstream Road	31-Oct-16	1.32	<1	<2	10	<1	0.16
WEAG-786	GRAB	1158 Millstream Road	28-Nov-16	1.32	<1	<2	9	<1	0.43
WEAG-786	GRAB	1158 Millstream Road	28-Dec-16	0.88	<1	NA	3	<1	0.07
WEAG-787	GRAB	2711 Willoughby Road	25-Jan-16	0.98	<1	<2	5	<1	0.22
WEAG-787	GRAB	2711 Willoughby Road	22-Feb-16	1	<1	<2	8	<1	0.12
WEAG-787	GRAB	2711 Willoughby Road	21-Mar-16	1.1	<1	2	8	<1	0.14
WEAG-787	GRAB	2711 Willoughby Road	18-Apr-16	1.11	<1	<2	13	<1	0.26
WEAG-787	GRAB	2711 Willoughby Road	16-May-16	0.93	<1	<2	10	<1	0.84
WEAG-787	GRAB	2711 Willoughby Road	13-Jun-16	0.83	<1	<2	12	<1	0.21
WEAG-787	GRAB	2711 Willoughby Road	11-Jul-16	1.22	<1	<2	13	<1	17
WEAG-787	GRAB	2711 Willoughby Road	8-Aug-16	1.06	<1	<2	20	<1	0.29
WEAG-787	GRAB	2711 Willoughby Road	7-Sep-16	0.98	<1	<2	18	<1	0.29
WEAG-787	GRAB	2711 Willoughby Road	3-Oct-16	1.44	<1	<2	14	<1	0.23
WEAG-787	GRAB	2711 Willoughby Road	31-Oct-16	1.36	<1	10	11	<1	0.17
WEAG-787	GRAB	2711 Willoughby Road	28-Nov-16	1.3	<1	10	9	<1	0.27
WEAG-787	GRAB	2711 Willoughby Road	28-Dec-16	0.9	<1	NA	4	<1	0.19
WEAG-788	GRAB	1551 Vinson Creek Road	22-Feb-16	1.1	<1	<2	7	<1	0.16
WEAG-788	GRAB	1551 Vinson Creek Road	21-Mar-16	1.1	<1	<2	9	<1	0.15
WEAG-788	GRAB	1551 Vinson Creek Road	18-Apr-16	1.17	<1	<2	16	<1	0.13
WEAG-788	GRAB	1551 Vinson Creek Road	16-May-16	0.95	<1	<2	9	<1	0.17
WEAG-788	GRAB	1551 Vinson Creek Road	13-Jun-16	0.88	<1	2	12	<1	0.19
WEAG-788	GRAB	1551 Vinson Creek Road	11-Jul-16	1.25	<1	<2	14	<1	0.15
WEAG-788	GRAB	1551 Vinson Creek Road	8-Aug-16	1.08	<1	<2	18	<1	0.33
WEAG-788	GRAB	1551 Vinson Creek Road	7-Sep-16	1.08	<1	<2	20	<1	0.27
WEAG-788	GRAB	1551 Vinson Creek Road	3-Oct-16	1.56	<1	<2	16	<1	0.08
WEAG-788	GRAB	1551 Vinson Creek Road	31-Oct-16	1.51	<1	<2	12	<1	0.16
WEAG-788	GRAB	1551 Vinson Creek Road	28-Nov-16	1.49	<1	<2	10	<1	0.15
WEAG-788	GRAB	1551 Vinson Creek Road	28-Dec-16	1.25	<1	NA	3	<1	0.1
WEAG-790	GRAB	19 Glenmore Drive	13-Jun-16	0.76	<1	<2	11	<1	0.22
WEAG-790	GRAB	19 Glenmore Drive	27-Jun-16	0.83	<1	<2	10	<1	0.32
WEAG-792	GRAB	76 Bonnymuir Drive	13-Jun-16	0.64	<1	<2	11	<1	0.19
WEAG-792	GRAB	76 Bonnymuir Drive	27-Jun-16	0.84	<1	2	11	<1	0.24
WEAG-795	GRAB	620 Kenwood Road	18-Oct-16	0.41	<1	<2	12	<1	0.26
WEAG-880	GRAB	965 Cross Creek Road	18-Jan-16	1	<1	<2	6	<1	0.11
WEAG-880	GRAB	965 Cross Creek Road	15-Feb-16	1.2	<1	<2	8	<1	0.23
WEAG-880	GRAB	965 Cross Creek Road	14-Mar-16	0.65	<1	<2	8	<1	0.17
WEAG-880	GRAB	965 Cross Creek Road	11-Apr-16	1.02	<1	<2	10	<1	0.12
WEAG-880	GRAB	965 Cross Creek Road	9-May-16	0.72	<1	12	9	<1	0.26
WEAG-880	GRAB	965 Cross Creek Road	6-Jun-16	0.68	<1	<2	15	<1	0.19
WEAG-880	GRAB	965 Cross Creek Road	4-Jul-16	0.98	<1	<2	14	<1	0.26
WEAG-880	GRAB	965 Cross Creek Road	3-Aug-16	0.86	<1	<2	22	<1	0.15
WEAG-880	GRAB	965 Cross Creek Road	29-Aug-16	0.75	<1	<2	19	<1	0.22
WEAG-880	GRAB	965 Cross Creek Road	26-Sep-16	1.33	<1	<2	17	<1	0.1

Sampling Point	Sample Type	Sample Location	Sample Date	Chlorine Free	Ecoli	HPC CFU/mls	Temperature °C	Total Coliform	
				mg/L	MF/100mLs			MF/100mLs	Turbidity NTU
WEAG-880	GRAB	965 Cross Creek Road	24-Oct-16	0.54	<1	<2	11	<1	0.27
WEAG-880	GRAB	965 Cross Creek Road	19-Dec-16	0.33	<1	<2	4	<1	0.23
WMZ-781	GRAB	8005 Pasco Road	4-Jan-16	1.2	<1	<2	4	<1	0.14
WMZ-781	GRAB	8005 Pasco Road	1-Feb-16	1.3	<1	<2	5	<1	0.16
WMZ-781	GRAB	8005 Pasco Road	29-Feb-16	1.3	<1	<2	9	<1	0.17
WMZ-781	GRAB	8005 Pasco Road	30-Mar-16	1.2	<1	<2	7	<1	0.16
WMZ-781	GRAB	8005 Pasco Road	25-Apr-16	0.71	<1	<2	9	<1	0.2
WMZ-781	GRAB	8005 Pasco Road	25-May-16	1.04	<1	<2	13	<1	0.19
WMZ-781	GRAB	8005 Pasco Road	20-Jun-16	1.52	<1	<2	12	<1	0.18
WMZ-781	GRAB	8005 Pasco Road	18-Jul-16	1.53	<1	2	16	<1	0.11
WMZ-781	GRAB	8005 Pasco Road	15-Aug-16	1.42	<1	<2	22	<1	0.17
WMZ-781	GRAB	8005 Pasco Road	12-Sep-16	1.63	<1	<2	16	<1	0.1
WMZ-781	GRAB	8005 Pasco Road	12-Oct-16	0.79	<1	<2	0.9	<1	0.16
WMZ-781	GRAB	8005 Pasco Road	7-Nov-16	0.86	<1	<2	12	<1	0.09
WMZ-781	GRAB	8005 Pasco Road	5-Dec-16	1.01	<1	<2	8	<1	0.13
WMZ-782	GRAB	8995 Lawrence Way	18-Jan-16	0.39	<1	<2	6	<1	2.7
WMZ-782	GRAB	8995 Lawrence Way	15-Feb-16	0.29	<1	50	7	<1	4.1
WMZ-782	GRAB	8995 Lawrence Way	14-Mar-16	0.94	<1	<2	6	<1	0.58
WMZ-782	GRAB	8995 Lawrence Way	11-Apr-16	0.99	<1	2	10	<1	0.61
WMZ-782	GRAB	8995 Lawrence Way	9-May-16	0.97	<1	<2	11	<1	0.5
WMZ-782	GRAB	8995 Lawrence Way	6-Jun-16	0.47	<1	<2	15	<1	0.13
WMZ-782	GRAB	8995 Lawrence Way	4-Jul-16	0.84	<1	<2	10	<1	1.8
WMZ-782	GRAB	8995 Lawrence Way	3-Aug-16	1.27	<1	<2	16	<1	2.2
WMZ-782	GRAB	8995 Lawrence Way	29-Aug-16	1.12	<1	<2	18	<1	0.51
WMZ-782	GRAB	8995 Lawrence Way	26-Sep-16	1.5	<1	<2	15	<1	0.44
WMZ-782	GRAB	8995 Lawrence Way	24-Oct-16	0.79	<1	<2	12	<1	0.32
WMZ-782	GRAB	8995 Lawrence Way	21-Nov-16	0.48	<1	92	10	<1	0.73
WMZ-782	GRAB	8995 Lawrence Way	19-Dec-16	1.38	<1	<2	3	<1	0.34