2015

DRINKING WATER QUALITY ANNUAL REPORT

FINAL REPORT | APRIL 2016

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TABLE OF CONTENTS

APPENDIX A

1. Map of Water System Sampling Locations
2. Water Sampling Locations by Address

APPENDIX B

1. Source Water Quality – Eagle Lake
2. Source Water Quality – Montizambert Creek
3. Source Water Chemistry

APPENDIX C

1. 2015 Water Samples Results
2. 2015 Semi Annual Metals Monitoring Results
3. 2015 Disinfection By-Products - Quarterly Averages

EXECUTIVE SUMMARY

This report summarizes the District of West Vancouver's water quality program for 2015. Sampling has been carried out in accordance with the protocol developed with 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 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 2015 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 a positive sample for total coliform at two different locations. Resampling in accordance with the Canadian Drinking Water Quality Guidelines yielded a negative result. Tests showed turbidity of greater than 5 NTU in only two distribution samples for the year. In locations where samples were above the guideline, the water mains were flushed until turbidity levels returned to an acceptable level. Tests showed turbidity less than 1 NTU in 98.2% of all distribution system samples. Chlorine residual tests for all samples tested above the recommended minimum level of 0.2 mg/L. Testing for the disinfection by-products, trihalomethanes and haloacetic acids, indicated levels were within Canadian Guidelines for all sites.

1.0 INTRODUCTION

This report summarizes the District of West Vancouver's water quality program for 2015. 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 has been carried out in accordance with the document entitled, *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, chlorination stations, reservoirs, pressure reducing valve (PRV) stations, pumps and pipes. 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 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 Operation

According to Sec 9 (1) of the Drinking Water Protection Act (DWPA), subject to regulations, a person must not operate, maintain or repair a prescribed water supply system unless:

(a) the person is qualified in accordance with the regulations to do this, or

(b) is doing this under the supervision of a person who is qualified in accordance with the regulations.

Eagle Lake Treatment Plant is classified as a Level 3 facility in accordance with the Environmental Operators Certification Program (EOCP). In 2015 the plant was operated and maintained by a Level 3 Treatment Operator whom attained a Level 4 treatment certification in October. Staffing also included a Level 1 Treatment Operator and the addition of a Level 3 Treatment Operator in July.

3.2.2 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 provision of fire demand. 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 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 2015.

The infrastructure needed to optimize the use of the Eagle Lake supply system was completed in June, 2010. The Eagle Lake optimization has allowed the District to increase the supply of Eagle Lake water to 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 clear well level and system demand. Standby personnel monitor the Eagle Lake Water Treatment Plant operation 24/7 and VCH informed should there be any changes to operational procedures.

3.3 Montizambert Treatment Plant

The EOCP Level 3 classified Pall Membrane Treatment Plant (Montizambert) was commissioned in September 2011 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.

The source water from Montizambert Creek passes through a gravel filtration intake and a settling tank before entering the Montizambert Treatment facility. Once the water enters the plant it is mixed with a coagulant and pumped and filtered through the membrane filters. After the filtration process, chlorine 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 provision of fire demand. The Montizambert Water Treatment 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 2015.

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:

- Marine Drive and Capilano Road;
- Capilano Road and Welch Street;
- Glenmore Reservoir;
- Capilano Road and Upper Levels Highway; and
- 3105 Capilano Road.

3.5 Challenges

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

- maintaining a balance between public access for recreation (e.g., portion 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, locations monitoring Metro water are treated as 'distribution', not 'source' sites; however, some Metro sample points have been 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 5000 and 90,000 residents. During 2015 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 2015 was 596; 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 source 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, 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 Coliform is 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.

The analysis for Giardia and Cryptosporidium was conducted by IG MicroMed Environmental Inc. Analysis for Total Coliform, E. coli and HPC were conducted by Metro Vancouver Laboratories.

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^{o}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 tend toward the lower bound of 6.5. No adjustment is made within the Montizambert supply.

It is recognized that acidic water will accelerate the corrosion of metal pipes as well as hinder the treatment process and for the Eagle Lake supply West Vancouver adjusts pH to the 7.3 – 7.5 range. As well, in the past West Vancouver had been injecting a low level of zinc orthophosphate in the Eagle Lake supply to reduce the corrosion of its metallic pipes in the distribution system. As of February 2015 the use of zinc orthophosphate was ended in consultation with Metro Vancouver because of elevated zinc levels in the wastewater

treatment biosolids. The pH objective at 7.3 has not changed. Sodium hydroxide is used to achieve this objective.

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 37 sampling sites, not including Eagle Lake and Montizambert Creek source locations, but including sites near the entry point of Metro Vancouver water into the municipal distribution system. 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. A very low presence of E.coli was detected; 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 5 MPN/100mls. Testing for total coliforms showed results ranging from 26 to 380 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.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
WEAG-LK1	27	0.27	0.68	0.38	3	20	11	26	380	133	<1	5	1.3	52	500	253

At Montizambert Creek, the 25 bi-weekly samples were tested for E.coli with 16 samples yielding results of less than 1 MPN, 3 samples indicated 1 MPN and the remaining 6 samples

showed presence of E. coli ranging from 2 to 20 MPN/100mls. Total Coliform testing results ranged from 3 to >2100 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.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.	Min.	Max.	Avg.
WMZ-CK1	25	0.27	4.00	1.30	4	16	9	3	>2100	225	<1	20	2.8	<2	1700	256

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 system and list of District sample sites for the distribution system with locations can be found in Appendix A. While the naming convention includes a reference to the predominant water source, in fact for some locations depending on the hydraulic conditions, water can be provided from either Eagle Lake or Metro Vancouver.

Distribution system samples for E.coli were all negative. In the event of detection of total coliforms in a sample, the municipality's water quality personnel and the MHO would be notified via the Metro Labs; procedures would be followed as outlined in Section 8.1 of this report. Two samples had elevated coliform in 2015 and the retests are documented below Table 4 and within the sampling results in Appendix C.

Five samples out of 596 samples from all three distribution sources showed HPC counts that exceeded 500 CFU/100 mL; in no instance did this correspond to the presence of E.coli. 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 water mains were flushed and turbidity readings and chlorine residuals 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. All turbidity samples for the distribution system supplied by Eagle Lake and Metro Vancouver met the GCDWQ aesthetic objective of below 5 NTU with two instances of a turbidity level of greater than 5 NTU in the Montizambert Creek 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 testing results can be found in Appendix C.

Table 3 and Table 4 below summarize the results for 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 Coliform MF/100mLs
GCDWQ Guideline		Not Less then 0.2			Not More Than 5			Not More Than 15°C			No Limit			None	None
	No. Samples	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.		
WVR-711	14	0.51	0.87	1.10	0.08	0.18	0.36	8	12.6	20	<2	2	6	<1	<1
WVR-712	14	0.27	0.69	0.98	0.16	0.34	0.96	7	13.0	20	<2	38	350	<1	<1
WVR-718	12	0.32	0.52	0.87	0.09	0.27	1.60	9	14.33	23	<2	18	74	<1	<1
WVR-761	13	0.20	0.28	0.47	0.19	0.40	0.85	7	11.9	20	20	440	4300	<1	<1
WVR-764	13	0.48	0.80	1.00	0.10	0.33	2.30	7	11.0	19	<2	<2	2	<1	<1
WVR-790	27	0.20	0.63	0.96	0.16	0.46	1.20	7	12.0	18	<2	2	6	<1	<1
WVR-791	14	0.45	0.84	1.00	0.09	0.17	0.55	5	11.8	19	<2	2	8	<1	<1
WVR-792	27	0.23	0.60	0.85	0.10	0.18	0.44	8	12.2	18	<2	2	10	<1	<1
WVR-793	14	0.62	0.91	1.10	0.12	0.16	0.23	6	12.5	22	<2	3	18	<1	<1
WVR-794	14	0.24	0.63	0.94	0.10	0.18	0.35	8	12.9	22	<2	4	26	<1	<1
WVR-795	14	0.28	0.60	0.87	0.10	0.18	0.31	7	12.6	21	<2	3	8	<1	<1
WVR-796	27	0.61	0.79	1.10	0.08	0.18	0.76	7	12.3	21	<2	12	150	<1	<1
WVR-797	13	0.27	0.64	1.20	0.10	0.28	0.43	6	11.0	17	<2	105	1100	<1	<1
WVR-880	1	0.88	0.88	0.88	0.08	0.08	0.08	16	16.0	16	<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 Coliform MF/100 mLs
GCDWQ Guideline		Not Less then 0.2			Not More Than 5			Not More Than 15°C			No Limit			None	None
	No. Samples	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.	Min.	Avg.	Max.		
WEAG-710	12	0.15	1.16	1.70	0.10	0.27	0.82	6	11.9	22	<2	2.8	8	<1	<1
WEAG-716	25	0.38	0.71	1.20	0.07	0.17	0.47	5	13.4	23	<2	<2	2	<1	<1
WEAG-719	27	0.22	0.60	1.10	0.07	0.29	1.80	6	13.1	22	<2	4.5	34	<1	<1
WEAG-765	13	0.15	0.98	1.70	0.07	0.25	0.82	8	12.2	22	<2	52.7	8	<1	<1
WEAG-768	13	0.55	0.73	1.00	0.11	0.20	0.47	9	15.8	23	<2	2.1	4	<1	<1
WEAG-769	12	0.11	0.76	1.20	0.07	0.18	0.54	8	13.4	22	<2	<2	2	<1	<1
WEAG-770	25	0.24	0.80	1.30	0.06	0.15	0.26	6	12.8	21	<2	2.5	14	<1	<1
WEAG-771	25	0.37	0.81	1.70	0.10	0.23	1.00	6	12.5	21	<2	3.1	16	<1	<1
WEAG-772	25	0.17	0.98	1.60	0.10	0.23	0.46	7	12.7	22	<2	<2	2	<1	<1
WEAG-773	13	0.24	0.64	0.97	0.10	0.17	0.26	6	12.4	20	<2	10.4	58	<1	<1
WEAG-774	12	0.32	0.95	1.30	0.15	0.32	1.00	7	12.9	21	<2	5.4	38	<1	<1
WEAG-776	12	0.20	0.61	1.00	0.07	0.17	0.30	9	13.0	21	<2	67.4	660	<1	<1
WEAG-778	25	0.21	1.11	1.80	0.11	0.23	0.69	5	12.7	23	<2	6.5	110	<1	<1
WEAG-779	15	0.38	0.97	1.40	0.07	0.16	0.42	7	12.2	21	<2	2.5	6	<1	<1
WEAG-780	13	0.21	0.83	1.30	0.07	0.24	0.46	9	13.1	21	<2	2.1	4	<1	<1
WEAG-783	12	0.19	0.85	1.20	0.08	0.15	0.26	8	13.3	22	<2	<2	2	<1	<1
WEAG-784	13	0.94	1.13	1.40	0.13	0.22	0.36	8	15.2	23	<2	2.1	4	<1	<1
WEAG-785	13	0.21	1.07	1.80	0.07	0.21	0.69	5	9.8	15	<2	5.3	36	<1	<1
WEAG-786	13	0.38	0.95	1.40	0.09	0.18	0.42	9	13.2	21	<2	2.4	6	<1	<1
WEAG-787	13	0.81	1.06	1.50	0.08	0.19	0.33	6	13.1	23	<2	2.1	4	<1	<1
WEAG-788	13	0.19	0.76	1.20	0.09	0.16	0.26	9	13.4	22	<2	<2	<2	<1	<1
WEAG-880	12	0.65	0.87	1.30	0.07	0.14	0.26	6	12.7	18	<2	<2	2	<1	<1
WMZ-781	12	0.34	0.89	1.20	0.08	0.14	0.18	7	12	18	<2	3.2	18	<1	<1
WMZ-782	13	0.27	0.66	1.10	0.09	1.64	5.90	6	11	18	<2	766.3	9100	<1	<1

The following chart documents the total coliform retests for Stations 719 and 785.

WEAG-719	Grab	24-Aug-15	2.00	Total coliform
WEAG-719	Retest	Aug 26 and 27	<1	Total coliform
WEAG-785	Grab	31-Aug-15	5.00	Total coliform
WEAT-785	Retest	Sep 2 and 3	<1	Total coliform

Testing for metals within the distribution system are summarized in Appendix C. All metals within the metals scan were well within GCDWQ guidelines of <0.01 mg/L.

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 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.

Optimization of the coagulation process and pH adjustment resulted in reduced TOC levels which lead to a reduction in disinfection byproducts.

A comparison of the yearly average results for disinfection by-products for THM and HAA monitored at 10 sites from 2015 to 2014 is presented in Table 5 below. The results highlight that no results exceed the guidelines and 9 of the 10 sites have decreased or remained the same for THM levels; similarly, 7 out of 7 sites have decreased or remained the same for HAA levels.

Table 5: Comparison of Yearly Average for 2014 to 2015 Disinfection By-Products

Sample	Total THM Quarterly Average (2015)	Total THM Quarterly Average (2014)	+/- Change	Total HAA Quarterly Average (2015)	Total HAA Quarterly Average (2014)	+/- Change
GCDWQ Guideline	100 ppb	100 ppb		80 ppb	80 ppb	
WEAG-772	42	46	**-4**	47	47	**0**
WEAG-773	51	59	**-8**	50	50	**0**
WEAG-776	35	49	**-14**	-	-	**-**
WEAG-778	45	45	**0**	43	44	**-1**
WMZ-781	27	41	**-14**	36	46	**-10**
WMZ-782	19	37	**-19**	33	34	**-1**
WVR-713	28	45	**-17**	-	-	**-**
WVR-716	45	43	**+2**	41	43	**-2**
WVR-717	29	37	**-8**	-	-	**-**
WVR-764	19	21	**-2**	21	28	**-7**

Testing results for the Disinfection By-Products are fully detailed in Appendix C.

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 can all improve water quality. The following table highlights the mains replaced in 2015 and lists the mains to be replaced in 2016.

2015 Water Main Construction	2016 Planned Water Main Construction
A. Queens: 21st Street to 22nd Street – 994m	A. 1200-1400 Block Ottawa Ave, Nepal Cr, & Nepal Pl – 823m
B. Altamont Cr, Altamont Pl – 640m	B. 1300-1400 Block Kings Ave & Duncan St – 510m
C. 4400-4500 Block Keith Rd – 797m	C. 13th Street: Kings to Inglewood – 247m
D. 1100-1200 Block Keith Rd – 447m	D. 4500 Woodgreen Drive – 500m
E. Nelson Bridge Water Main – 130m	E. 27th Street: Queens to End – 70m
F. 5500 Block Marine Drive – 80m	F. 4600 Caulfeild Drive – 265m

6.0 PUBLIC NOTIFICATION

6.1 Drinking Water Advisory/Boil Water Advisory

2015 was free of significant turbidity events from the Metro Vancouver, Eagle Lake and Montizambert sources with the exception of some minor elevated levels of turbidity. As a result of 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 2015.

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 classification of distribution and treatment systems and 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. However, the legislation is pending on the target deadline for minimum certification requirements for District staff operating, maintaining, or repairing the water system. Nevertheless, the District has been working in cooperation with the Health Authority and EOCP towards having operators certified to Level 4. Treatment plants are assessed separately, as mentioned in sections 3.2.1 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 staff of six distribution operators, three treatment operators and one supervisor.

All staff is encouraged to take courses, which will enable them to advance to higher EOCP class levels.

In 2015, 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 4 – one operator
- Level 3 – one operator
- Level 1 – one operator

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 the source waters (Eagle Lake, Montizambert Creek) or 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 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 2015.

9.0 CONCLUSIONS

Overall, the residents of West Vancouver enjoy very high quality 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.

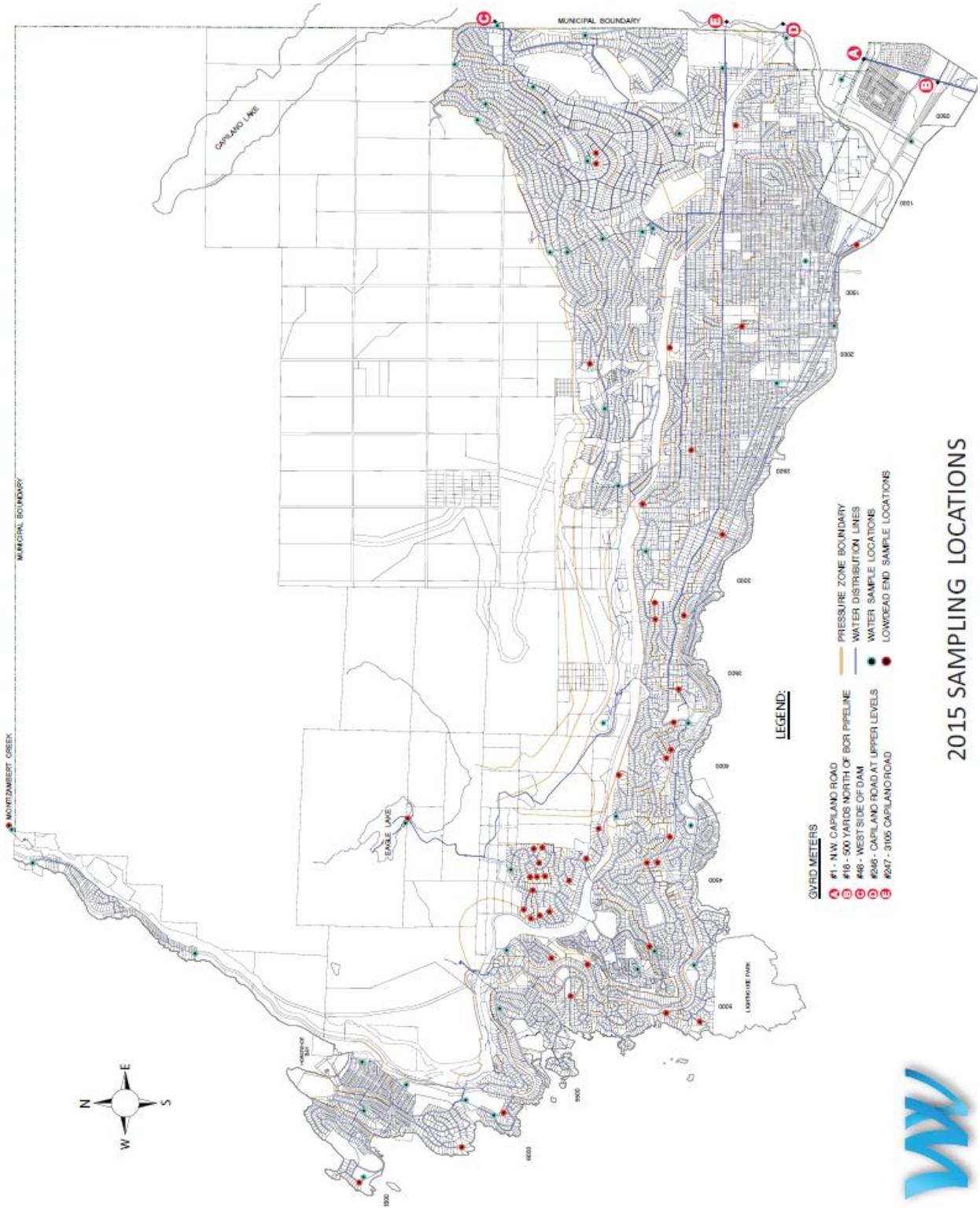
District staff continues to take a balanced approach and employ best management practices in the operation and maintenance of the water system to maintain high water quality.

In 2015 the District's distribution water supply met the requirements as outlined in the GCDWQ for THMs and HAAs, quarterly averages did not exceed the guideline levels during 2015.

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



2. Water Sampling Locations by Address

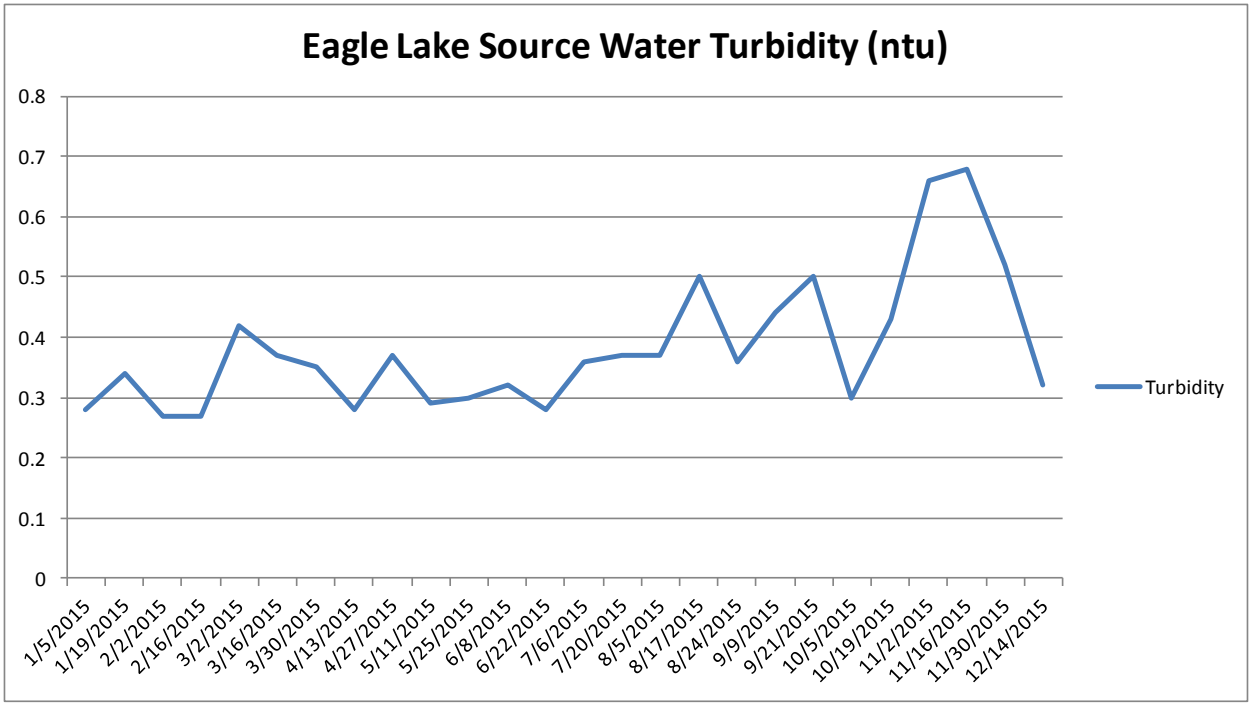
DISTRICT OF WEST VANCOUVER					
WATER SAMPLE LOCATIONS (2015)					
Supply Source	**Address**	**Description**	**Flow Type**	**Sample #**	**Bottle #**
METRO VANCOUVER	1020 Groveland Road	Sample Kiosk	High	DmWVR-711	G711
Require 12 samples	510 Ballantree Road	Sample Kiosk	Medium	DmWVR-712	G712
Bi-weekly	670 Holmbury Place (DBP Sample Only)	House	Low/Dead End	DmWVR-713	G713
	The Dale & Marine	Sample Kiosk	High	DmWVR-716	G716
No Source on this	111 - 18th Street (DBP Sample Only)	Hydrant	Low/Dead End	DmWVR-717	G717
system	885 - 22nd Street	Church	High	DmWVR-718	G718
	2600 Chelsea Court	Pump House	Medium	DmWVR-719	G719
	243 Rabbit Lane	Sample Kiosk	Low/Dead End	DmWVR-761	G761
	111 Bridge Road	Sample Kiosk	Medium	DmWVR-764	G764
	5459 West Vista Court	House	Low/Dead End	DmWVR-765	G765
	2185 Gisby Street	Sample Kiosk	Medium	DmWVR-768	G768
	1210 Chartwell Drive	Sample Kiosk	High	DmWVR-769	G769
	3828 Bayridge Avenue	Sample Kiosk	High	DmWVR-770	G770
	6406 Bruce St.	House	Medium	DmWVR-771	G771
	6470 Madrona Crescent	Reservoir	Medium	DmWVR-772	G772
	Whytcliffe Park	Sample Kiosk	Low/Dead End	DmWVR-773	G773
	6117 Glen Eagles Drive	Sample Kiosk	High	DmWVR-774	G774
	3755 Cypress Bowl Road	Sample Kiosk	Medium	DmWVR-776	G776
	6190 Marine Drive	Sample Kiosk	Medium	DmWVR-778	G778
	1370 Burnside Road	Pump House	High	DmWVR-779	G779
	5634 Westhaven Road	Sample Kiosk	Medium	DmWVR-780	G780
	4520 Almondel Place	PRV Station	Medium	DmWVR-783	G783
	5759 Primrose Place	Sample Kiosk	Medium	DmWVR-784	G784
	4820 Headland Drive	Hydrant	High	DmWVR-785	G785
	1158 Millstream Road	Sample Kiosk	High	DmWVR-786	G786
	2711 Willoughby Road	Sample Kiosk	High	DmWVR-787	G787
	1551 Vinson Creek Road	Pump House	High	DmWVR-788	G788
	19 Glenmore Drive	Pump House	High	DmWVR-790	G790
	200 Keith Road	Klee Wyck Nursery	High	DmWVR-791	G791
	76 Bonnymuir Drive	Pump House	Medium	DmWVR-792	G792
	559 Kildonan Road	Sample Kiosk	Low/Dead End	DmWVR-793	G793
	702 Barnham Road	Sample Kiosk	Medium	DmWVR-794	G794
	620 Kenwood Road	Sample Kiosk	Medium	DmWVR-795	G795
	315 Mathers Avenue	House	High	DmWVR-796	G796
	395 Klahanie Court	Sample Kiosk	Medium	DmWVR-797	G797
	965 Cross Creek Road	Pump House	High	DmWVR-880	G880
	4778 Woodgreen Dr.	House	High	DmWVR-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 (2015)					
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
	Whytcliffe Park	Sample Kiosk	Low/Dead End	DmWEAG-773	E773
	6117 Gleneagles Drive	House	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 Almondel 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/100 mLs	Ecoli MPN/100 mLs	HPC CFU/mls
WEAG-LK1	Grab	Eagle Lake Source	5-Jan-15	0.28	4	110	<1	450
WEAG-LK1	Grab	Eagle Lake Source	19-Jan-15	0.34	4	53	<1	230
WEAG-LK1	Grab	Eagle Lake Source	2-Feb-15	0.27	4	59	<1	220
WEAG-LK1	Grab	Eagle Lake Source	16-Feb-15	0.27	5	72	2	310
WEAG-LK1	Grab	Eagle Lake Source	2-Mar-15	0.42	6	43	<1	210
WEAG-LK1	Grab	Eagle Lake Source	16-Mar-15	0.37	8	53	<1	240
WEAG-LK1	Grab	Eagle Lake Source	30-Mar-15	0.35	10	49	2	180
WEAG-LK1	Grab	Eagle Lake Source	13-Apr-15	0.28	9	26	<1	140
WEAG-LK1	Grab	Eagle Lake Source	27-Apr-15	0.37	9	210	<1	320
WEAG-LK1	Grab	Eagle Lake Source	11-May-15	0.29	9	380	<1	380
WEAG-LK1	Grab	Eagle Lake Source	25-May-15	0.30	13	180	<1	250
WEAG-LK1	Grab	Eagle Lake Source	8-Jun-15	0.32	13	310	<1	460
WEAG-LK1	Grab	Eagle Lake Source	22-Jun-15	0.28	20	83	<1	410
WEAG-LK1	Grab	Eagle Lake Source	6-Jul-15	0.36	15	210	<1	500
WEAG-LK1	Grab	Eagle Lake Source	20-Jul-15	0.37	20	180	<1	190
WEAG-LK1	Grab	Eagle Lake Source	5-Aug-15	0.37	19	200	<1	250
WEAG-LK1	Grab	Eagle Lake Source	17-Aug-15	0.50	19	90	<1	70
WEAG-LK1	Grab	Eagle Lake Source	24-Aug-15	0.36	17	67	<1	96
WEAG-LK1	Grab	Eagle Lake Source	9-Sep-15	0.44	14	69	1	180
WEAG-LK1	Grab	Eagle Lake Source	21-Sep-15	0.50	13	110	1	240
WEAG-LK1	Grab	Eagle Lake Source	5-Oct-15	0.30	6	76	1	68
WEAG-LK1	Grab	Eagle Lake Source	19-Oct-15	0.43	11	100	<1	52
WEAG-LK1	Grab	Eagle Lake Source	2-Nov-15	0.66	13	310	4	330
WEAG-LK1	Grab	Eagle Lake Source	16-Nov-15	0.68	11	280	5	330
WEAG-LK1	Grab	Eagle Lake Source	30-Nov-15	0.52	7	104	<1	170
WEAG-LK1	Grab	Eagle Lake Source	14-Dec-15	0.32	9	105	<1	290
WEAG-LK1	Grab	Eagle Lake Source	30-Dec-15	0.30	3	74	<1	NA


Eagle Lake Source Water Turbidity (ntu)
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0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
1/5/2015
1/19/2015
2/2/2015
2/16/2015
3/2/2015
3/16/2015
3/30/2015
4/13/2015
4/27/2015
5/11/2015
5/25/2015
6/8/2015
6/22/2015
7/6/2015
7/20/2015
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8/17/2015
8/24/2015
9/9/2015
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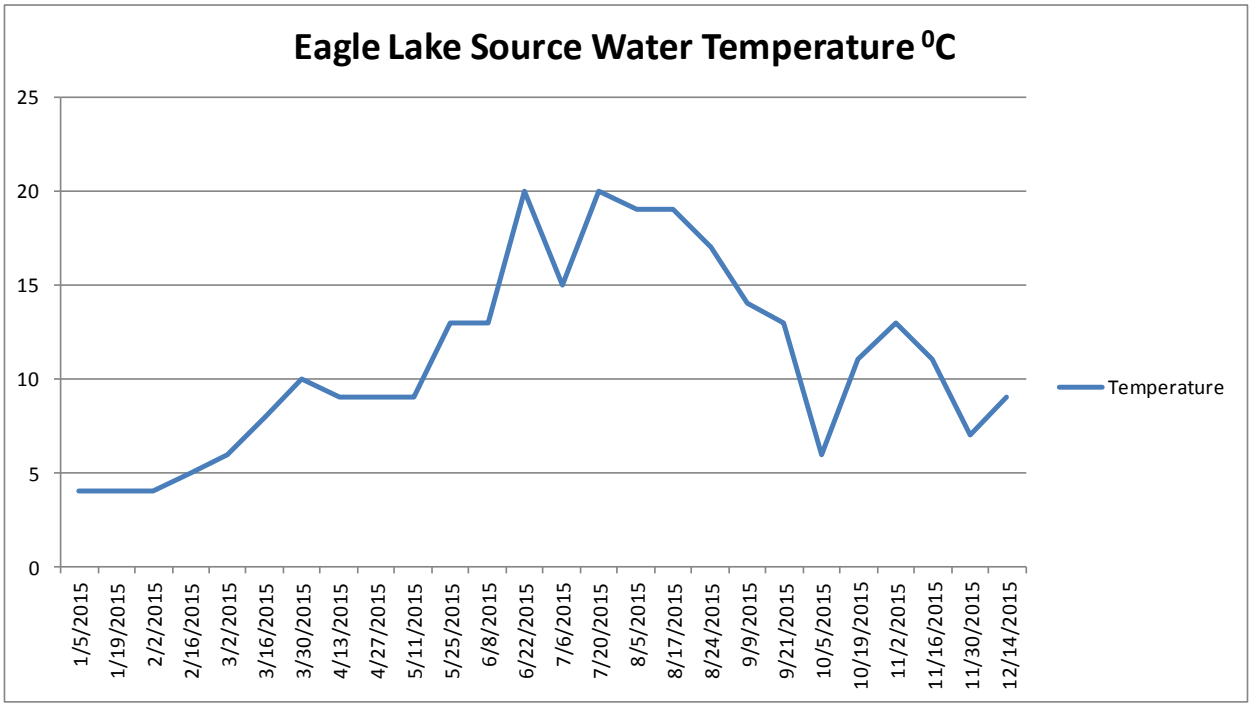
Turbidity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20
15
10
5
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1/5/2015
1/19/2015
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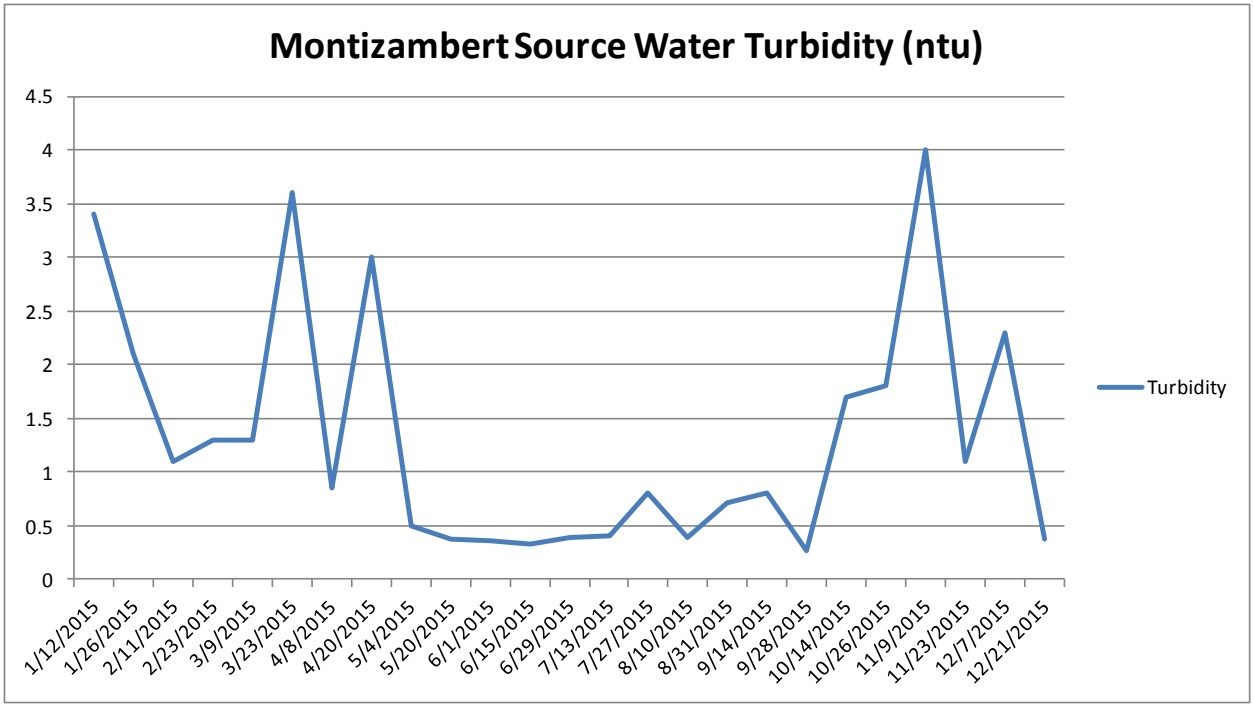
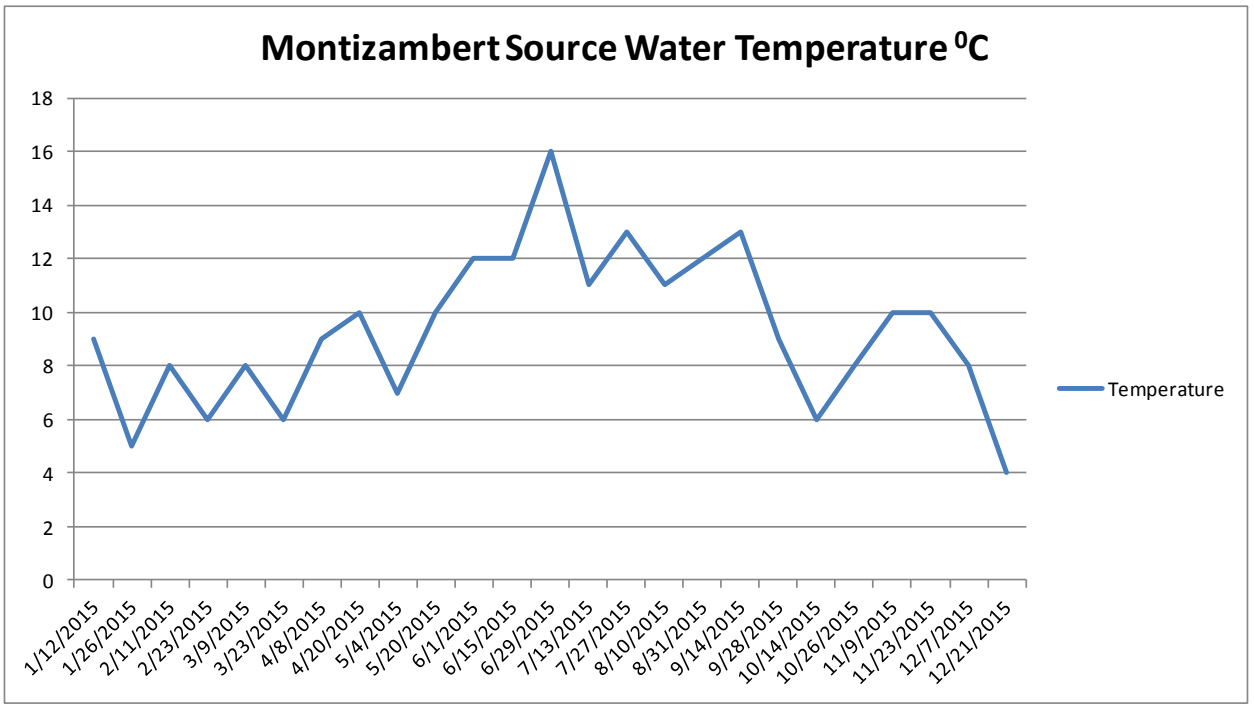
7/20/2015
8/5/2015
8/17/2015
8/24/2015
9/9/2015
9/21/2015
10/5/2015
10/19/2015
11/2/2015
11/16/2015
11/30/2015
12/14/2015
Temperature

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/100 mLs	HPC CFU/mls
WMZ-CK1	Grab	Montizambert Creek Source Water	12-Jan-15	3.40	9	23	<1	110
WMZ-CK1	Grab	Montizambert Creek Source Water	26-Jan-15	2.10	5	29	<1	86
WMZ-CK1	Grab	Montizambert Creek Source Water	11-Feb-15	1.10	8	51	<1	120
WMZ-CK1	Grab	Montizambert Creek Source Water	23-Feb-15	1.30	6	29	1	70
WMZ-CK1	Grab	Montizambert Creek Source Water	9-Mar-15	1.30	8	7	<1	<2
WMZ-CK1	Grab	Montizambert Creek Source Water	23-Mar-15	3.60	6	48	<1	140
WMZ-CK1	Grab	Montizambert Creek Source Water	8-Apr-15	0.85	9	3	<1	94
WMZ-CK1	Grab	Montizambert Creek Source Water	20-Apr-15	3.00	10	60	<1	160
WMZ-CK1	Grab	Montizambert Creek Source Water	4-May-15	0.49	7	37	<1	180
WMZ-CK1	Grab	Montizambert Creek Source Water	20-May-15	0.37	10	92	<1	130
WMZ-CK1	Grab	Montizambert Creek Source Water	1-Jun-15	0.36	12	240	<1	180
WMZ-CK1	Grab	Montizambert Creek Source Water	15-Jun-15	0.33	12	150	<1	160
WMZ-CK1	Grab	Montizambert Creek Source Water	29-Jun-15	0.39	16	420	1	260
WMZ-CK1	Grab	Montizambert Creek Source Water	13-Jul-15	0.40	11	180	1	390
WMZ-CK1	Grab	Montizambert Creek Source Water	27-Jul-15	0.81	13	470	5	320
WMZ-CK1	Grab	Montizambert Creek Source Water	10-Aug-15	0.39	11	190	11	350
WMZ-CK1	Grab	Montizambert Creek Source Water	31-Aug-15	0.72	12	800	11	360
WMZ-CK1	Grab	Montizambert Creek Source Water	14-Sep-15	0.80	13	59	<1	100
WMZ-CK1	Grab	Montizambert Creek Source Water	28-Sep-15	0.27	9	170	4	160
WMZ-CK1	Grab	Montizambert Creek Source Water	14-Oct-15	1.70	6	98	<1	160
WMZ-CK1	Grab	Montizambert Creek Source Water	26-Oct-15	1.80	8	>2100	20	1700
WMZ-CK1	Grab	Montizambert Creek Source Water	9-Nov-15	4.00	10	98	<1	260
WMZ-CK1	Grab	Montizambert Creek Source Water	23-Nov-15	1.10	10	44	2	150
WMZ-CK1	Grab	Montizambert Creek Source Water	7-Dec-15	2.30	8	162	<1	240
WMZ-CK1	Grab	Montizambert Creek Source Water	21-Dec-15	0.38	4	75	<1	NA


Montizambert Source Water Turbidity (ntu)
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
1/12/2015
1/26/2015
2/11/2015
2/23/2015
3/9/2015
3/23/2015
4/8/2015
4/20/2015
5/4/2015
5/20/2015
6/1/2015
6/15/2015
6/29/2015
7/13/2015
7/27/2015
8/10/2015
8/31/2015
9/14/2015
9/28/2015
10/14/2015
10/26/2015
11/9/2015
11/23/2015
12/7/2015
12/21/2015
Turbidity


Montizambert Source Water Temperature 0C
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16
14
12
10
8
6
4
2
0
1/12/2015
1/26/2015
2/11/2015
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3/23/2015
4/8/2015
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6/15/2015
6/29/2015
7/13/2015
7/27/2015
8/10/2015
8/31/2015
9/14/2015
9/28/2015
10/14/2015
10/26/2015
11/9/2015
11/23/2015
12/7/2015
12/21/2015
Temperature

3. Source Water Chemistry

Sample Description	Sample Date	Sample Type	Alkalinity as CaCO3	Aluminium Dissolved	Aluminum 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	02/06/2015 9:30	2.9	77	95	<0.5	<0.5	3.5	<10	<0.2	1150	2.3	2.3	0.7
Eagle Lake Source	GRAB	07/12/2015 8:21	2.3	x	133	<0.5	<0.5	3.7	<10	<0.2	1130	3.0	3.0	0.9
Montizambert Creek Source Water	GRAB	02/06/2015 8:30	5.7	46	69	<0.5	<0.5	2.4	<10	<0.2	2620	1.2	1.2	0.7
Montizambert Creek Source Water	GRAB	07/12/2015 9:31	3.8	x	193	<0.5	<0.5	1.8	<10	<0.2	1150	3.3	3.3	0.7

Sample Description	Sample Date	Sample Type	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		≤1000	0.20	1.50			≤ 300	10	none
Eagle Lake Source	GRAB	02/06/2015 9:30	0.18	20	15	12	1.2	<0.02	<0.05	3.67	43	62	<0.5	194
Eagle Lake Source	GRAB	07/12/2015 8:21	<0.05	28	19	14	1.0	<0.02	<0.05	3.58	61	100	<0.5	184
Montizambert Creek Source Water	GRAB	02/06/2015 8:30	0.22	8	8	25	0.6	<0.02	<0.05	7.94	<5	17	<0.5	338
Montizambert Creek Source Water	GRAB	07/12/2015 9:31	0.09	29	21	12	0.8	<0.02	<0.05	3.51	24	38	<0.5	156

Sample Description	Sample Date	Sample Type	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				6.5 - 8.5				none
Eagle Lake Source	GRAB	02/06/2015 9:30	11.3	11.8	<0.05	<0.5	<0.02	<0.01	<0.01	6.4	<0.005	<0.005	<0.005	115
Eagle Lake Source	GRAB	07/12/2015 8:21	8.5	9.0	<0.05	<0.5	<0.02	0.03	<0.01	6.4	<0.005	<0.005	<0.005	107
Montizambert Creek Source Water	GRAB	02/06/2015 8:30	<0.5	0.7	<0.05	<0.5	<0.02	0.09	<0.01	7.1	<0.005	<0.005	<0.005	199
Montizambert Creek Source Water	GRAB	07/12/2015 9:31	1.3	2.2	<0.05	<0.5	<0.02	<0.01	<0.01	6.4	<0.005	<0.005	<0.005	88

Sample Description	Sample Date	Sample Type	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		≤ 5000
Eagle Lake Source	GRAB	02/06/2015 9:30	18	16	10	8	<0.5	3.1	<0.5	881	1.1	0.091	<3
Eagle Lake Source	GRAB	07/12/2015 8:21	19	13	10	9	<0.5	3.5	<0.5	889	1.1	0.126	<3
Montizambert Creek Source Water	GRAB	02/06/2015 8:30	32	25	25	7	<0.5	7.7	<0.5	1600	3.9	0.047	<3
Montizambert Creek Source Water	GRAB	07/12/2015 9:31	18	11	10	8	<0.5	4.7	<0.5	645	1.0	0.146	<3

APPENDIX C

1. 2015 Water Samples Results

    a. Attached PDF *(DWV # 1087679-v1-2015 WQR DRINKING WATER SAMPLES DATA)*

2. 2015 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
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Health Canada, Max Acceptable Conditions:					**0.006**	**0.010**	**1.000**	**5.000**	**0.005**	**n/a**	**0.050**	**n/a**		
Health Canada, Operational Guidance:				**0.20**						**n/a**		**n/a**		
Health Canada, Aesthetics Objectives:													**≤1.0**	**≤0.3**
WVR-798	Cypress Park Elementary	05/05/2015 8:40	GRAB	0.03	<0.0005	<0.0005	0.00	<0.01	<0.0002	3.37	0.00	<0.0005	0.05	0.02
WVR-798	Cypress Park Elementary	16/10/2015 0:00	GRAB	0.02	<0.0005	<0.0005	0.00	<0.01	<0.0002	3.83	0.00	<0.0005	0.11	0.02
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	05/05/2015 8:15	GRAB	0.04	<0.0005	<0.0005	0.00	<0.01	<0.0002	1.17	0.00	<0.0005	0.03	0.01
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	16/10/2015 0:00	GRAB	0.02	<0.0005	<0.0005	0.00	<0.01	<0.0002	1.63	0.00	<0.0005	0.04	0.01
WVR-799	Hollyburn Elementary	05/05/2015 9:00	GRAB	0.03	<0.0005	<0.0005	0.00	<0.01	<0.0002	3.44	0.00	<0.0005	0.05	0.06
WVR-799	Hollyburn Elementary	16/10/2015 0:00	GRAB	0.02	<0.0005	<0.0005	0.00	<0.01	<0.0002	4.40	0.00	<0.0005	0.04	0.13
MZ-796	Sunset Marina	05/05/2015 8:00	GRAB	0.02	<0.0005	<0.0005	0.00	<0.01	<0.0002	1.80	<0.00005	<0.0005	0.01	0.21
MZ-796	Sunset Marina	16/10/2015 0:00	GRAB	0.04	<0.0005	<0.0005	0.01	<0.01	<0.0002	2.16	0.00	<0.0005	0.00	0.18

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
				mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Health Canada, Max Acceptable Conditions:				**0.01**	**n/a**		**0.001**	**n/a**	**n/a**	**n/a**	**0.05**	**n/a**		
Health Canada, Operational Guidance:					**n/a**							**n/a**		
Health Canada, Aesthetics Objectives:					**n/a**	**≤0.05**						**n/a**	**≤200**	**≤5.0**
WVR-798	Cypress Park Elementary	05/05/2015 8:40	GRAB	<0.0005	0.17	0.00	<0.00005	<0.0005	<0.0005	0.16	<0.0005	<0.0005	1.85	0.03
WVR-798	Cypress Park Elementary	16/10/2015 0:00	GRAB	<0.0005	0.21	0.00	<0.00005	<0.0005	<0.0005	0.22	<0.0005	<0.0005	2.35	0.03
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	05/05/2015 8:15	GRAB	<0.0005	0.22	0.01	<0.00005	<0.0005	<0.0005	0.11	<0.0005	<0.0005	4.42	0.04
WEAG-789	Gleneagles Elementary - 6350 Marine Drive	16/10/2015 0:00	GRAB	<0.0005	0.24	0.00	<0.00005	0-Jan-00	<0.0005	0.13	<0.0005	<0.0005	4.54	0.03
WVR-799	Hollyburn Elementary	05/05/2015 9:00	GRAB	<0.0005	0.17	0.00	<0.00005	<0.0005	<0.0005	0.17	<0.0005	<0.0005	1.53	<0.003
WVR-799	Hollyburn Elementary	16/10/2015 0:00	GRAB	<0.0005	0.21	0.01	<0.00005	<0.0005	<0.0005	0.25	<0.0005	<0.0005	1.80	<0.003
MZ-796	Sunset Marina	05/05/2015 8:00	GRAB	<0.0005	0.21	0.00	<0.00005	<0.0005	<0.0005	0.12	<0.0005	<0.0005	2.45	<0.003
MZ-796	Sunset Marina	16/10/2015 0:00	GRAB	<0.0005	0.26	0.00	<0.00005	<0.0005	<0.0005	0.16	<0.0005	<0.0005	4.22	<0.003

3. 2015 Disinfection By-Products Quarterly Averages

Sample	Date Sampled	Total THM Quarterly Average	Total HAA Quarterly Average
Health Canada Recommended Guidelines		100 ppb	80 ppb
WEAG-772	17/02/2015	**46**	**49**
WEAG-772	21/05/2015	**47**	**45**
WEAG-772	26/08/2015 9:00	**29**	**47**
WEAG-772	2015-11-24 00:00	**44**	**45**
WEAG-773	17/02/2015	**66**	**58**
WEAG-773	21/05/2015	**46**	**50**
WEAG-773	26/08/2015 9:15	**48**	**49**
WEAG-773	2015-11-24 00:00	**45**	**42**
WEAG-776	17/02/2015	**31**	
WEAG-776	21/05/2015	**33**	
WEAG-776	26/08/2015 9:30	**42**	
WEAG-776	2015-11-24 00:00	**33**	
WEAG-778	17/02/2015	**42**	**42**
WEAG-778	21/05/2015	**49**	**41**
WEAG-778	26/08/2015 9:45	**45**	**47**
WEAG-778	2015-11-24 00:00	**44**	**41**
WMZ-781	17/02/2015	**45**	**48**
WMZ-781	21/05/2015	**12**	**16**
WMZ-781	26/08/2015 10:00	**9**	**15**
WMZ-781	2015-11-24 00:00	**43**	**65**
WMZ-782	17/02/2015	**28**	**41**
WMZ-782	21/05/2015	**7**	**13**
WMZ-782	26/08/2015 10:15	**5**	**13**
WMZ-782	2015-11-24 00:00	**35**	**64**
WVR-713	17/02/2015	**43**	
WVR-713	21/05/2015	**19**	
WVR-713	26/08/2015 10:30	**26**	
WVR-713	2015-11-24 00:00	**23**	
WVR-716	17/02/2015	**42**	**45**
WVR-716	21/05/2015	**47**	**41**
WVR-716	26/08/2015 10:45	**50**	**31**
WVR-716	2015-11-24 00:00	**40**	**46**
WVR-717	17/02/2015	**38**	
WVR-717	21/05/2015	**23**	
WVR-717	26/08/2015 11:00	**28**	
WVR-717	2015-11-24 00:00	**25**	
WVR-764	17/02/2015	**20**	**25**
WVR-764	21/05/2015	**16**	**16**
WVR-764	26/08/2015 11:15	**22**	**23**
WVR-764	2015-11-24 00:00	**19**	**19**

Sample Name	Sample Type	Sample Reported Name	Sampled Date	Chlorine Free mg/L	Ecoli MF/100mLs	HPC CFU/mls	Temperature °C	Total Coliform MF/100mLs	Turbidity NTU
WEAG-710	GRAB	4782 Woodgreen Drive	26-Jan-15	1.00	<1	<2	6	<1	0.13
WEAG-710	GRAB	4782 Woodgreen Drive	23-Feb-15	1.10	<1	<2	8	<1	0.14
WEAG-710	GRAB	4782 Woodgreen Drive	23-Mar-15	1.40	<1	2	8	<1	0.13
WEAG-710	GRAB	4782 Woodgreen Drive	20-Apr-15	1.20	<1	<2	11	<1	0.22
WEAG-710	GRAB	4782 Woodgreen Drive	20-May-15	0.92	<1	8	10	<1	0.82
WEAG-710	GRAB	4782 Woodgreen Drive	15-Jun-15	1.30	<1	2	22	<1	0.15
WEAG-710	GRAB	4782 Woodgreen Drive	13-Jul-15	1.10	<1	<2	18	<1	0.40
WEAG-710	GRAB	4782 Woodgreen Drive	10-Aug-15	1.70	<1	<2	17	<1	0.35
WEAG-710	GRAB	4782 Woodgreen Drive	14-Sep-15	1.20	<1	6	15	<1	0.52
WEAG-710	GRAB	4782 Woodgreen Drive	14-Oct-15	1.30	<1	<2	10	<1	0.10
WEAG-710	GRAB	4782 Woodgreen Drive	9-Nov-15	1.50	<1	<2	10	<1	0.14
WEAG-710	GRAB	4782 Woodgreen Drive	7-Dec-15	0.15	<1	<2	8	<1	0.18
WEAG-716	GRAB	The Dale & Marine	12-Jan-15	0.49	<1	<2	10	<1	0.08
WEAG-716	GRAB	The Dale & Marine	26-Jan-15	0.61	<1	2	8	<1	0.10
WEAG-716	GRAB	The Dale & Marine	11-Feb-15	0.47	<1	2	10	<1	0.07
WEAG-716	GRAB	The Dale & Marine	23-Feb-15	0.78	<1	2	9	<1	0.09
WEAG-716	GRAB	The Dale & Marine	9-Mar-15	0.63	<1	<2	11	<1	0.13
WEAG-716	GRAB	The Dale & Marine	23-Mar-15	0.74	<1	<2	9	<1	0.14
WEAG-716	GRAB	The Dale & Marine	8-Apr-15	0.58	<1	<2	11	<1	0.13
WEAG-716	GRAB	The Dale & Marine	20-Apr-15	0.78	<1	<2	12	<1	0.16
WEAG-716	GRAB	The Dale & Marine	4-May-15	1.00	<1	<2	10	<1	0.12
WEAG-716	GRAB	The Dale & Marine	20-May-15	0.75	<1	<2	14	<1	0.11
WEAG-716	GRAB	The Dale & Marine	1-Jun-15	0.68	<1	<2	17	<1	0.17
WEAG-716	GRAB	The Dale & Marine	15-Jun-15	0.70	<1	<2	20	<1	0.17
WEAG-716	GRAB	The Dale & Marine	29-Jun-15	0.71	<1	<2	23	<1	0.36
WEAG-716	GRAB	The Dale & Marine	13-Jul-15	0.65	<1	<2	20	<1	0.47
WEAG-716	GRAB	The Dale & Marine	27-Jul-15	0.55	<1	<2	21	<1	0.17
WEAG-716	GRAB	The Dale & Marine	10-Aug-15	0.96	<1	<2	19	<1	0.25
WEAG-716	GRAB	The Dale & Marine	31-Aug-15	0.77	<1	<2	18	<1	0.28
WEAG-716	GRAB	The Dale & Marine	14-Sep-15	0.85	<1	2	16	<1	0.19
WEAG-716	GRAB	The Dale & Marine	28-Sep-15	0.62	<1	2	15	<1	0.15
WEAG-716	GRAB	The Dale & Marine	14-Oct-15	0.52	<1	2	11	<1	0.13
WEAG-716	GRAB	The Dale & Marine	26-Oct-15	0.77	<1	<2	15	<1	0.11
WEAG-716	GRAB	The Dale & Marine	9-Nov-15	0.73	<1	2	12	<1	0.18
WEAG-716	GRAB	The Dale & Marine	23-Nov-15	0.84	<1	2	9	<1	0.10
WEAG-716	GRAB	The Dale & Marine	7-Dec-15	0.38	<1	<2	9	<1	0.11
WEAG-716	GRAB	The Dale & Marine	21-Dec-15	1.20	<1	NA	5	<1	0.21
WEAG-719	GRAB	2600 Chelsea Court	5-Jan-15	0.28	<1	<2	8	<1	0.32
WEAG-719	GRAB	2600 Chelsea Court	19-Jan-15	0.36	<1	<2	9	<1	0.12
WEAG-719	GRAB	2600 Chelsea Court	2-Feb-15	0.41	<1	<2	8	<1	0.16
WEAG-719	GRAB	2600 Chelsea Court	16-Feb-15	0.72	<1	<2	9	<1	0.09
WEAG-719	GRAB	2600 Chelsea Court	2-Mar-15	0.64	<1	<2	9	<1	0.19
WEAG-719	GRAB	2600 Chelsea Court	16-Mar-15	0.74	<1	6	11	<1	0.60
WEAG-719	GRAB	2600 Chelsea Court	30-Mar-15	0.47	<1	2	11	<1	0.26
WEAG-719	GRAB	2600 Chelsea Court	13-Apr-15	0.30	<1	<2	9	<1	0.32
WEAG-719	GRAB	2600 Chelsea Court	27-Apr-15	0.52	<1	<2	11	<1	0.28
WEAG-719	GRAB	2600 Chelsea Court	11-May-15	0.22	<1	4	15	<1	0.12
WEAG-719	GRAB	2600 Chelsea Court	25-May-15	0.61	<1	2	14	<1	0.28
WEAG-719	GRAB	2600 Chelsea Court	8-Jun-15	1.10	<1	<2	14	<1	0.07
WEAG-719	GRAB	2600 Chelsea Court	22-Jun-15	0.86	<1	<2	19	<1	0.10
WEAG-719	GRAB	2600 Chelsea Court	6-Jul-15	0.75	<1	<2	20	<1	0.17
WEAG-719	GRAB	2600 Chelsea Court	20-Jul-15	0.72	<1	<2	22	<1	0.32
WEAG-719	GRAB	2600 Chelsea Court	5-Aug-15	0.59	<1	<2	19	<1	0.17
WEAG-719	GRAB	2600 Chelsea Court	17-Aug-15	0.66	<1	4	20	<1	0.19
WEAG-719	GRAB	2600 Chelsea Court	24-Aug-15	0.39	<1	26	17	2.00	0.21

WEAG-719	*REPEAT*	*2600 Chelsea Court*	26-Aug-15	*0.75*	*<1*		*17*	*<1*	*0.15*
WEAG-719	GRAB	2600 Chelsea Court	9-Sep-15	0.63	<1	<2	16	<1	0.17
WEAG-719	GRAB	2600 Chelsea Court	21-Sep-15	0.77	<1	<2	15	<1	0.27
WEAG-719	GRAB	2600 Chelsea Court	5-Oct-15	0.64	<1	<2	14	<1	0.23
WEAG-719	GRAB	2600 Chelsea Court	19-Oct-15	0.79	<1	2	17	<1	0.19
WEAG-719	GRAB	2600 Chelsea Court	2-Nov-15	0.54	<1	4	13	<1	0.26
WEAG-719	GRAB	2600 Chelsea Court	16-Nov-15	0.87	<1	34	11	<1	0.53
WEAG-719	GRAB	2600 Chelsea Court	30-Nov-15	0.68	<1	2	8	<1	0.07
WEAG-719	GRAB	2600 Chelsea Court	14-Dec-15	0.62	<1	<2	9	<1	0.30
WEAG-719	GRAB	2600 Chelsea Court	30-Dec-15	0.22	<1	NA	6	<1	1.80
WEAG-765	GRAB	5459 West Vista Court	12-Jan-15	0.66	<1	<2	10	<1	0.07
WEAG-765	GRAB	5459 West Vista Court	11-Feb-15	0.51	<1	2	10	<1	0.09
WEAG-765	GRAB	5459 West Vista Court	9-Mar-15	0.78	<1	2	11	<1	0.09
WEAG-765	GRAB	5459 West Vista Court	8-Apr-15	0.76	<1	2	10	<1	0.08
WEAG-765	GRAB	5459 West Vista Court	4-May-15	1.10	<1	16	10	<1	0.11
WEAG-765	GRAB	5459 West Vista Court	1-Jun-15	0.65	<1	<2	19	<1	0.16
WEAG-765	GRAB	5459 West Vista Court	29-Jun-15	0.86	<1	10	23	<1	0.19
WEAG-765	GRAB	5459 West Vista Court	27-Jul-15	0.73	<1	<2	21	<1	0.14
WEAG-765	GRAB	5459 West Vista Court	31-Aug-15	1.10	<1	<2	19	<1	0.11
WEAG-765	GRAB	5459 West Vista Court	28-Sep-15	0.74	<1	<2	16	<1	0.13
WEAG-765	GRAB	5459 West Vista Court	26-Oct-15	0.86	<1	690	16	<1	0.18
WEAG-765	GRAB	5459 West Vista Court	23-Nov-15	0.88	<1	<2	9	<1	0.19
WEAG-765	GRAB	5459 West Vista Court	21-Dec-15	1.10	<1	NA	6	<1	0.18
WEAG-768	GRAB	2185 Gisby Street	19-Jan-15	0.88	<1	<2	8	<1	0.08
WEAG-768	GRAB	2185 Gisby Street	16-Feb-15	1.10	<1	<2	8	<1	0.06
WEAG-768	GRAB	2185 Gisby Street	16-Mar-15	1.10	<1	<2	10	<1	0.09
WEAG-768	GRAB	2185 Gisby Street	13-Apr-15	0.89	<1	<2	8	<1	0.11
WEAG-768	GRAB	2185 Gisby Street	11-May-15	0.52	<1	<2	13	<1	0.09
WEAG-768	GRAB	2185 Gisby Street	8-Jun-15	0.89	<1	<2	14	<1	0.18
WEAG-768	GRAB	2185 Gisby Street	6-Jul-15	0.81	<1	<2	18	<1	0.26
WEAG-768	GRAB	2185 Gisby Street	5-Aug-15	0.65	<1	2	21	<1	0.27
WEAG-768	GRAB	2185 Gisby Street	9-Sep-15	0.82	<1	<2	15	<1	0.13
WEAG-768	GRAB	2185 Gisby Street	5-Oct-15	0.81	<1	<2	15	<1	0.09
WEAG-768	GRAB	2185 Gisby Street	2-Nov-15	1.20	<1	4	12	<1	0.06
WEAG-768	GRAB	2185 Gisby Street	30-Nov-15	0.65	<1	<2	8	<1	0.14
WEAG-768	GRAB	2185 Gisby Street	30-Dec-15	0.65	<1	NA	6	<1	0.10
WEAG-769	GRAB	1210 Chartwell Drive	26-Jan-15	0.81	<1	2	8	<1	0.07
WEAG-769	GRAB	1210 Chartwell Drive	23-Feb-15	1.20	<1	2	10	<1	0.12
WEAG-769	GRAB	1210 Chartwell Drive	23-Mar-15	0.90	<1	<2	9	<1	0.08
WEAG-769	GRAB	1210 Chartwell Drive	20-Apr-15	0.96	<1	2	10	<1	0.12
WEAG-769	GRAB	1210 Chartwell Drive	20-May-15	0.80	<1	2	14	<1	0.17
WEAG-769	GRAB	1210 Chartwell Drive	15-Jun-15	0.60	<1	<2	21	<1	0.14
WEAG-769	GRAB	1210 Chartwell Drive	13-Jul-15	0.67	<1	<2	22	<1	0.22
WEAG-769	GRAB	1210 Chartwell Drive	10-Aug-15	0.68	<1	<2	19	<1	0.24
WEAG-769	GRAB	1210 Chartwell Drive	14-Sep-15	0.77	<1	<2	15	<1	0.54
WEAG-769	GRAB	1210 Chartwell Drive	14-Oct-15	0.91	<1	<2	13	<1	0.14
WEAG-769	GRAB	1210 Chartwell Drive	9-Nov-15	0.67	<1	<2	12	<1	0.14
WEAG-769	GRAB	1210 Chartwell Drive	7-Dec-15	0.11	<1	<2	8	<1	0.14
WEAG-770	GRAB	3828 Bayridge Avenue	12-Jan-15	0.78	<1	<2	9	<1	0.06
WEAG-770	GRAB	3828 Bayridge Avenue	26-Jan-15	0.59	<1	<2	8	<1	0.11
WEAG-770	GRAB	3828 Bayridge Avenue	11-Feb-15	0.72	<1	2	9	<1	0.10
WEAG-770	GRAB	3828 Bayridge Avenue	23-Feb-15	1.10	<1	<2	9	<1	0.10
WEAG-770	GRAB	3828 Bayridge Avenue	9-Mar-15	0.91	<1	2	10	<1	0.12
WEAG-770	GRAB	3828 Bayridge Avenue	23-Mar-15	0.96	<1	14	8	<1	0.10
WEAG-770	GRAB	3828 Bayridge Avenue	8-Apr-15	0.84	<1	<2	10	<1	0.11
WEAG-770	GRAB	3828 Bayridge Avenue	20-Apr-15	0.98	<1	<2	11	<1	0.10
WEAG-770	GRAB	3828 Bayridge Avenue	4-May-15	1.30	<1	<2	10	<1	0.09
WEAG-770	GRAB	3828 Bayridge Avenue	20-May-15	1.00	<1	<2	13	<1	0.21

WEAG-770	GRAB	3828 Bayridge Avenue	1-Jun-15	0.77	<1	<2	18	<1	0.16
WEAG-770	GRAB	3828 Bayridge Avenue	15-Jun-15	0.84	<1	4	21	<1	0.14
WEAG-770	GRAB	3828 Bayridge Avenue	29-Jun-15	1.20	<1	<2	16	<1	0.26
WEAG-770	GRAB	3828 Bayridge Avenue	13-Jul-15	0.82	<1	<2	21	<1	0.20
WEAG-770	GRAB	3828 Bayridge Avenue	27-Jul-15	0.61	<1	<2	18	<1	0.25
WEAG-770	GRAB	3828 Bayridge Avenue	10-Aug-15	0.90	<1	2	20	<1	0.23
WEAG-770	GRAB	3828 Bayridge Avenue	31-Aug-15	0.57	<1	<2	18	<1	0.21
WEAG-770	GRAB	3828 Bayridge Avenue	14-Sep-15	0.72	<1	<2	15	<1	0.14
WEAG-770	GRAB	3828 Bayridge Avenue	28-Sep-15	0.53	<1	<2	16	<1	0.15
WEAG-770	GRAB	3828 Bayridge Avenue	14-Oct-15	0.45	<1	<2	10	<1	0.12
WEAG-770	GRAB	3828 Bayridge Avenue	26-Oct-15	0.54	<1	<2	15	<1	0.11
WEAG-770	GRAB	3828 Bayridge Avenue	9-Nov-15	0.82	<1	<2	11	<1	0.18
WEAG-770	GRAB	3828 Bayridge Avenue	23-Nov-15	0.82	<1	<2	9	<1	0.12
WEAG-770	GRAB	3828 Bayridge Avenue	7-Dec-15	0.24	<1	<2	8	<1	0.17
WEAG-770	GRAB	3828 Bayridge Avenue	21-Dec-15	0.97	<1	NA	6	<1	0.26
WEAG-771	GRAB	6588 Royal Ave.	12-Jan-15	0.51	<1	<2	8	<1	0.13
WEAG-771	GRAB	6588 Royal Ave.	26-Jan-15	0.66	<1	2	7	<1	0.10
WEAG-771	GRAB	6588 Royal Ave.	11-Feb-15	0.63	<1	<2	10	<1	0.16
WEAG-771	GRAB	6588 Royal Ave.	23-Feb-15	0.72	<1	<2	9	<1	0.15
WEAG-771	GRAB	6588 Royal Ave.	9-Mar-15	0.71	<1	<2	11	<1	0.19
WEAG-771	GRAB	6588 Royal Ave.	23-Mar-15	0.37	<1	16	7	<1	0.12
WEAG-771	GRAB	6588 Royal Ave.	8-Apr-15	0.72	<1	<2	10	<1	0.19
WEAG-771	GRAB	6588 Royal Ave.	20-Apr-15	0.78	<1	<2	11	<1	0.46
WEAG-771	GRAB	6588 Royal Ave.	4-May-15	1.00	<1	<2	9	<1	0.16
WEAG-771	GRAB	6588 Royal Ave.	20-May-15	0.61	<1	2	13	<1	0.15
WEAG-771	GRAB	6588 Royal Ave.	1-Jun-15	0.62	<1	<2	14	<1	0.15
WEAG-771	GRAB	6588 Royal Ave.	15-Jun-15	0.87	<1	<2	20	<1	0.12
WEAG-771	GRAB	6588 Royal Ave.	29-Jun-15	0.84	<1	2	18	<1	0.18
WEAG-771	GRAB	6588 Royal Ave.	13-Jul-15	0.68	<1	2	19	<1	0.14
WEAG-771	GRAB	6588 Royal Ave.	27-Jul-15	0.48	<1	<2	21	<1	0.13
WEAG-771	GRAB	6588 Royal Ave.	10-Aug-15	1.20	<1	<2	19	<1	0.22
WEAG-771	GRAB	6588 Royal Ave.	31-Aug-15	1.20	<1	2	16	<1	0.23
WEAG-771	GRAB	6588 Royal Ave.	14-Sep-15	0.87	<1	6	16	<1	0.21
WEAG-771	GRAB	6588 Royal Ave.	28-Sep-15	0.79	<1	<2	14	<1	0.11
WEAG-771	GRAB	6588 Royal Ave.	14-Oct-15	1.00	<1	<2	11	<1	0.24
WEAG-771	GRAB	6588 Royal Ave.	26-Oct-15	1.10	<1	<2	14	<1	0.12
WEAG-771	GRAB	6588 Royal Ave.	9-Nov-15	0.88	<1	12	12	<1	0.53
WEAG-771	GRAB	6588 Royal Ave.	23-Nov-15	0.78	<1	<2	9	<1	0.25
WEAG-771	GRAB	6588 Royal Ave.	7-Dec-15	0.41	<1	<2	9	<1	1.00
WEAG-771	GRAB	6588 Royal Ave.	21-Dec-15	1.70	<1	NA	6	<1	0.25
WEAG-772	GRAB	6470 Madrona Crescent	12-Jan-15	0.73	<1	<2	8	<1	0.11
WEAG-772	GRAB	6470 Madrona Crescent	26-Jan-15	0.89	<1	<2	8	<1	0.12
WEAG-772	GRAB	6470 Madrona Crescent	11-Feb-15	0.79	<1	<2	9	<1	0.16
WEAG-772	GRAB	6470 Madrona Crescent	23-Feb-15	1.10	<1	<2	9	<1	0.16
WEAG-772	GRAB	6470 Madrona Crescent	9-Mar-15	0.93	<1	<2	10	<1	0.19
WEAG-772	GRAB	6470 Madrona Crescent	23-Mar-15	1.10	<1	<2	8	<1	0.21
WEAG-772	GRAB	6470 Madrona Crescent	8-Apr-15	0.86	<1	<2	9	<1	0.22
WEAG-772	GRAB	6470 Madrona Crescent	20-Apr-15	0.92	<1	<2	11	<1	0.30
WEAG-772	GRAB	6470 Madrona Crescent	4-May-15	1.10	<1	<2	10	<1	0.21
WEAG-772	GRAB	6470 Madrona Crescent	20-May-15	0.86	<1	2	12	<1	0.15
WEAG-772	GRAB	6470 Madrona Crescent	1-Jun-15	0.52	<1	<2	16	<1	0.15
WEAG-772	GRAB	6470 Madrona Crescent	15-Jun-15	1.00	<1	<2	21	<1	0.10
WEAG-772	GRAB	6470 Madrona Crescent	29-Jun-15	0.93	<1	<2	22	<1	0.30
WEAG-772	GRAB	6470 Madrona Crescent	13-Jul-15	0.75	<1	<2	21	<1	0.28
WEAG-772	GRAB	6470 Madrona Crescent	27-Jul-15	1.10	<1	2	20	<1	0.38
WEAG-772	GRAB	6470 Madrona Crescent	10-Aug-15	1.20	<1	<2	18	<1	0.32
WEAG-772	GRAB	6470 Madrona Crescent	31-Aug-15	1.20	<1	<2	16	<1	0.29
WEAG-772	GRAB	6470 Madrona Crescent	14-Sep-15	1.20	<1	<2	15	<1	0.22

WEAG-772	GRAB	6470 Madrona Crescent	28-Sep-15	1.10	<1	<2	15	<1	0.14
WEAG-772	GRAB	6470 Madrona Crescent	14-Oct-15	0.93	<1	<2	11	<1	0.42
WEAG-772	GRAB	6470 Madrona Crescent	26-Oct-15	1.20	<1	<2	15	<1	0.16
WEAG-772	GRAB	6470 Madrona Crescent	9-Nov-15	1.10	<1	<2	10	<1	0.46
WEAG-772	GRAB	6470 Madrona Crescent	23-Nov-15	1.20	<1	2	8	<1	0.19
WEAG-772	GRAB	6470 Madrona Crescent	7-Dec-15	0.17	<1	2	8	<1	0.29
WEAG-772	GRAB	6470 Madrona Crescent	21-Dec-15	1.60	<1	NA	7	<1	0.33
WEAG-773	GRAB	Whytcliffe Park	12-Jan-15	0.48	<1	<2	9	<1	0.13
WEAG-773	GRAB	Whytcliffe Park	11-Feb-15	0.31	<1	58	9	<1	0.38
WEAG-773	GRAB	Whytcliffe Park	9-Mar-15	0.64	<1	<2	11	<1	0.22
WEAG-773	GRAB	Whytcliffe Park	8-Apr-15	0.54	<1	<2	10	<1	0.20
WEAG-773	GRAB	Whytcliffe Park	4-May-15	1.20	<1	30	8	<1	0.10
WEAG-773	GRAB	Whytcliffe Park	1-Jun-15	0.71	<1	50	15	<1	0.14
WEAG-773	GRAB	Whytcliffe Park	29-Jun-15	0.61	<1	2	21	<1	0.21
WEAG-773	GRAB	Whytcliffe Park	27-Jul-15	0.64	<1	<2	20	<1	0.10
WEAG-773	GRAB	Whytcliffe Park	31-Aug-15	0.95	<1	2	18	<1	0.35
WEAG-773	GRAB	Whytcliffe Park	28-Sep-15	0.63	<1	32	14	<1	0.12
WEAG-773	GRAB	Whytcliffe Park	26-Oct-15	0.70	<1	<2	15	<1	0.14
WEAG-773	GRAB	Whytcliffe Park	23-Nov-15	0.71	<1	<2	9	<1	0.23
WEAG-773	GRAB	Whytcliffe Park	21-Dec-15	1.40	<1	NA	6	<1	0.29
WEAG-774	GRAB	6117 Gleneagles Drive	26-Jan-15	0.90	<1	2	7	<1	1.00
WEAG-774	GRAB	6117 Gleneagles Drive	23-Feb-15	0.82	<1	<2	9	<1	0.17
WEAG-774	GRAB	6117 Gleneagles Drive	23-Mar-15	1.20	<1	38	7	<1	0.19
WEAG-774	GRAB	6117 Gleneagles Drive	20-Apr-15	0.97	<1	8	11	<1	0.19
WEAG-774	GRAB	6117 Gleneagles Drive	20-May-15	0.82	<1	2	14	<1	0.18
WEAG-774	GRAB	6117 Gleneagles Drive	15-Jun-15	1.00	<1	<2	21	<1	0.21
WEAG-774	GRAB	6117 Gleneagles Drive	13-Jul-15	0.97	<1	<2	20	<1	0.19
WEAG-774	GRAB	6117 Gleneagles Drive	10-Aug-15	1.30	<1	<2	19	<1	0.36
WEAG-774	GRAB	6117 Gleneagles Drive	14-Sep-15	0.96	<1	2	15	<1	0.15
WEAG-774	GRAB	6117 Gleneagles Drive	14-Oct-15	1.20	<1	<2	12	<1	0.31
WEAG-774	GRAB	6117 Gleneagles Drive	9-Nov-15	0.91	<1	<2	11	<1	0.46
WEAG-774	GRAB	6117 Gleneagles Drive	7-Dec-15	0.32	<1	<2	9	<1	0.38
WEAG-776	GRAB	3755 Cypress Bowl Road	26-Jan-15	0.21	<1	<2	9	<1	0.19
WEAG-776	GRAB	3755 Cypress Bowl Road	23-Feb-15	0.75	<1	<2	9	<1	0.12
WEAG-776	GRAB	3755 Cypress Bowl Road	23-Mar-15	0.32	<1	8	9	<1	0.27
WEAG-776	GRAB	3755 Cypress Bowl Road	20-Apr-15	1.00	<1	<2	11	<1	0.07
WEAG-776	GRAB	3755 Cypress Bowl Road	20-May-15	0.87	<1	<2	10	<1	0.13
WEAG-776	GRAB	3755 Cypress Bowl Road	15-Jun-15	0.21	<1	<2	21	<1	0.24
WEAG-776	GRAB	3755 Cypress Bowl Road	13-Jul-15	0.20	<1	26	19	<1	0.30
WEAG-776	GRAB	3755 Cypress Bowl Road	10-Aug-15	0.88	<1	660	19	<1	0.27
WEAG-776	GRAB	3755 Cypress Bowl Road	14-Sep-15	0.88	<1	100	16	<1	0.14
WEAG-776	GRAB	3755 Cypress Bowl Road	14-Oct-15	0.70	<1	<2	12	<1	0.13
WEAG-776	GRAB	3755 Cypress Bowl Road	9-Nov-15	0.97	<1	<2	12	<1	0.11
WEAG-776	GRAB	3755 Cypress Bowl Road	7-Dec-15	0.29	<1	<2	9	<1	0.10
WEAG-778	GRAB	6190 Marine Drive	12-Jan-15	0.83	<1	<2	9	<1	0.12
WEAG-778	GRAB	6190 Marine Drive	26-Jan-15	1.00	<1	2	8	<1	0.19
WEAG-778	GRAB	6190 Marine Drive	11-Feb-15	0.86	<1	<2	9	<1	0.19
WEAG-778	GRAB	6190 Marine Drive	23-Feb-15	1.30	<1	<2	9	<1	0.11
WEAG-778	GRAB	6190 Marine Drive	9-Mar-15	1.10	<1	<2	11	<1	0.13
WEAG-778	GRAB	6190 Marine Drive	23-Mar-15	1.10	<1	<2	8	<1	0.25
WEAG-778	GRAB	6190 Marine Drive	8-Apr-15	1.00	<1	<2	10	<1	0.18
WEAG-778	GRAB	6190 Marine Drive	20-Apr-15	1.20	<1	2	11	<1	0.26
WEAG-778	GRAB	6190 Marine Drive	4-May-15	1.30	<1	<2	9	<1	0.28
WEAG-778	GRAB	6190 Marine Drive	20-May-15	1.00	<1	<2	14	<1	0.20
WEAG-778	GRAB	6190 Marine Drive	1-Jun-15	0.94	<1	110	17	<1	0.19
WEAG-778	GRAB	6190 Marine Drive	15-Jun-15	1.10	<1	4	20	<1	0.16
WEAG-778	GRAB	6190 Marine Drive	29-Jun-15	1.00	<1	<2	23	<1	0.19
WEAG-778	GRAB	6190 Marine Drive	13-Jul-15	1.00	<1	<2	19	<1	0.20

WEAG-778	GRAB	6190 Marine Drive	27-Jul-15	1.30	<1	<2	19	<1	0.25
WEAG-778	GRAB	6190 Marine Drive	10-Aug-15	1.30	<1	<2	18	<1	0.36
WEAG-778	GRAB	6190 Marine Drive	31-Aug-15	1.40	<1	<2	18	<1	0.24
WEAG-778	GRAB	6190 Marine Drive	14-Sep-15	1.30	<1	<2	15	<1	0.21
WEAG-778	GRAB	6190 Marine Drive	28-Sep-15	1.30	<1	<2	13	<1	0.19
WEAG-778	GRAB	6190 Marine Drive	14-Oct-15	1.20	<1	<2	10	<1	0.15
WEAG-778	GRAB	6190 Marine Drive	26-Oct-15	1.30	<1	<2	15	<1	0.15
WEAG-778	GRAB	6190 Marine Drive	9-Nov-15	0.94	<1	<2	11	<1	0.48
WEAG-778	GRAB	6190 Marine Drive	23-Nov-15	0.93	<1	<2	8	<1	0.19
WEAG-778	GRAB	6190 Marine Drive	7-Dec-15	0.21	<1	<2	9	<1	0.69
WEAG-778	GRAB	6190 Marine Drive	21-Dec-15	1.80	<1	NA	5	<1	0.27
WEAG-779	GRAB	1370 Burnside Road	5-Jan-15	0.97	<1	4	7	<1	0.07
WEAG-779	GRAB	1370 Burnside Road	5-Jan-15	0.97	<1	4	7	<1	0.07
WEAG-779	GRAB	1370 Burnside Road	2-Feb-15	0.57	<1	<2	7	<1	0.11
WEAG-779	GRAB	1370 Burnside Road	2-Mar-15	1.20	<1	<2	9	<1	0.11
WEAG-779	GRAB	1370 Burnside Road	30-Mar-15	1.20	<1	<2	11	<1	0.08
WEAG-779	GRAB	1370 Burnside Road	27-Apr-15	0.92	<1	<2	11	<1	0.10
WEAG-779	GRAB	1370 Burnside Road	25-May-15	1.20	<1	2	13	<1	0.18
WEAG-779	GRAB	1370 Burnside Road	22-Jun-15	0.84	<1	<2	13	<1	0.19
WEAG-779	GRAB	1370 Burnside Road	20-Jul-15	0.77	<1	<2	21	<1	0.42
WEAG-779	GRAB	1370 Burnside Road	17-Aug-15	1.40	<1	<2	18	<1	0.18
WEAG-779	GRAB	1370 Burnside Road	24-Aug-15	0.38	<1	<2	17	<1	0.16
WEAG-779	GRAB	1370 Burnside Road	21-Sep-15	0.87	<1	<2	14	<1	0.26
WEAG-779	GRAB	1370 Burnside Road	19-Oct-15	1.40	<1	<2	16	<1	0.13
WEAG-779	GRAB	1370 Burnside Road	16-Nov-15	1.10	<1	<2	10	<1	0.22
WEAG-779	GRAB	1370 Burnside Road	14-Dec-15	0.74	<1	6	9	<1	0.09
WEAG-780	GRAB	5634 Westhaven Road	12-Jan-15	0.78	<1	<2	9	<1	0.15
WEAG-780	GRAB	5634 Westhaven Road	11-Feb-15	0.91	<1	<2	10	<1	0.18
WEAG-780	GRAB	5634 Westhaven Road	9-Mar-15	1.00	<1	2	11	<1	0.13
WEAG-780	GRAB	5634 Westhaven Road	8-Apr-15	0.89	<1	<2	10	<1	0.26
WEAG-780	GRAB	5634 Westhaven Road	4-May-15	1.20	<1	<2	10	<1	0.17
WEAG-780	GRAB	5634 Westhaven Road	1-Jun-15	0.91	<1	<2	18	<1	0.21
WEAG-780	GRAB	5634 Westhaven Road	29-Jun-15	1.00	<1	<2	23	<1	0.19
WEAG-780	GRAB	5634 Westhaven Road	27-Jul-15	1.00	<1	<2	19	<1	0.17
WEAG-780	GRAB	5634 Westhaven Road	31-Aug-15	1.40	<1	<2	19	<1	0.33
WEAG-780	GRAB	5634 Westhaven Road	28-Sep-15	0.95	<1	<2	14	<1	0.18
WEAG-780	GRAB	5634 Westhaven Road	26-Oct-15	0.93	<1	<2	16	<1	0.18
WEAG-780	GRAB	5634 Westhaven Road	23-Nov-15	1.00	<1	4	9	<1	0.12
WEAG-780	GRAB	5634 Westhaven Road	21-Dec-15	1.50	<1	NA	6	<1	0.25
WEAG-783	GRAB	4520 Almondel Place	26-Jan-15	0.81	<1	2	9	<1	0.19
WEAG-783	GRAB	4520 Almondel Place	23-Feb-15	1.20	<1	<2	9	<1	0.08
WEAG-783	GRAB	4520 Almondel Place	23-Mar-15	1.00	<1	<2	8	<1	0.11
WEAG-783	GRAB	4520 Almondel Place	20-Apr-15	0.86	<1	2	11	<1	0.10
WEAG-783	GRAB	4520 Almondel Place	20-May-15	0.81	<1	<2	13	<1	0.20
WEAG-783	GRAB	4520 Almondel Place	15-Jun-15	0.88	<1	2	22	<1	0.13
WEAG-783	GRAB	4520 Almondel Place	13-Jul-15	0.85	<1	<2	21	<1	0.18
WEAG-783	GRAB	4520 Almondel Place	10-Aug-15	1.20	<1	<2	19	<1	0.26
WEAG-783	GRAB	4520 Almondel Place	14-Sep-15	0.69	<1	<2	15	<1	0.15
WEAG-783	GRAB	4520 Almondel Place	14-Oct-15	0.87	<1	2	12	<1	0.09
WEAG-783	GRAB	4520 Almondel Place	9-Nov-15	0.87	<1	<2	11	<1	0.20
WEAG-783	GRAB	4520 Almondel Place	7-Dec-15	0.19	<1	<2	9	<1	0.14
WEAG-784	GRAB	5759 Primrose Place	12-Jan-15	0.61	<1	2	9	<1	0.16
WEAG-784	GRAB	5759 Primrose Place	11-Feb-15	0.67	<1	<2	10	<1	0.13
WEAG-784	GRAB	5759 Primrose Place	9-Mar-15	0.68	<1	2	11	<1	0.17
WEAG-784	GRAB	5759 Primrose Place	8-Apr-15	0.67	<1	<2	11	<1	0.12
WEAG-784	GRAB	5759 Primrose Place	4-May-15	1.30	<1	<2	9	<1	0.32
WEAG-784	GRAB	5759 Primrose Place	1-Jun-15	0.77	<1	<2	18	<1	0.16
WEAG-784	GRAB	5759 Primrose Place	29-Jun-15	0.93	<1	<2	23	<1	0.45

WEAG-784	GRAB	5759 Primrose Place	27-Jul-15	1.00	<1	<2	20	<1	0.32
WEAG-784	GRAB	5759 Primrose Place	31-Aug-15	1.30	<1	<2	19	<1	0.39
WEAG-784	GRAB	5759 Primrose Place	28-Sep-15	0.95	<1	2	14	<1	0.27
WEAG-784	GRAB	5759 Primrose Place	26-Oct-15	1.30	<1	<2	14	<1	0.25
WEAG-784	GRAB	5759 Primrose Place	23-Nov-15	0.67	<1	4	8	<1	0.11
WEAG-784	GRAB	5759 Primrose Place	21-Dec-15	1.70	<1	NA	6	<1	0.25
WEAG-785	GRAB	4820 Headland Drive	12-Jan-15	0.56	<1	2	9	<1	0.08
WEAG-785	GRAB	4820 Headland Drive	11-Feb-15	0.62	<1	<2	10	<1	0.10
WEAG-785	GRAB	4820 Headland Drive	9-Mar-15	0.72	<1	2	11	<1	0.13
WEAG-785	GRAB	4820 Headland Drive	8-Apr-15	0.62	<1	<2	10	<1	0.16
WEAG-785	GRAB	4820 Headland Drive	4-May-15	1.10	<1	<2	9	<1	0.13
WEAG-785	GRAB	4820 Headland Drive	1-Jun-15	0.78	<1	8	18	<1	0.15
WEAG-785	GRAB	4820 Headland Drive	29-Jun-15	0.88	<1	2	24	<1	0.37
WEAG-785	GRAB	4820 Headland Drive	27-Jul-15	0.96	<1	<2	20	<1	0.34
WEAG-785	GRAB	4820 Headland Drive	31-Aug-15	0.99	<1	36	19	5.00	0.26
WEAG-785	*REPEAT*	*4820 Headland Drive*	2-Sep-15	*0.98*	*<1*	*2*	*16*	*<1*	*0.21*
WEAG-785	GRAB	4820 Headland Drive	28-Sep-15	0.90	<1	<2	14	<1	0.13
WEAG-785	GRAB	4820 Headland Drive	26-Oct-15	0.81	<1	<2	16	<1	0.11
WEAG-785	GRAB	4820 Headland Drive	23-Nov-15	0.91	<1	<2	8	<1	0.08
WEAG-785	GRAB	4820 Headland Drive	21-Dec-15	1.20	<1	NA	5	<1	0.38
WEAG-786	GRAB	1158 Millstream Road	19-Jan-15	1.00	<1	<2	7	<1	0.07
WEAG-786	GRAB	1158 Millstream Road	16-Feb-15	1.30	<1	<2	8	<1	0.13
WEAG-786	GRAB	1158 Millstream Road	16-Mar-15	0.86	<1	<2	11	<1	0.17
WEAG-786	GRAB	1158 Millstream Road	13-Apr-15	0.96	<1	<2	8	<1	0.14
WEAG-786	GRAB	1158 Millstream Road	11-May-15	0.53	<1	2	12	<1	0.10
WEAG-786	GRAB	1158 Millstream Road	8-Jun-15	0.92	<1	<2	14	<1	0.26
WEAG-786	GRAB	1158 Millstream Road	6-Jul-15	0.94	<1	<2	19	<1	0.37
WEAG-786	GRAB	1158 Millstream Road	5-Aug-15	0.79	<1	<2	20	<1	0.21
WEAG-786	GRAB	1158 Millstream Road	9-Sep-15	0.81	<1	2	15	<1	0.22
WEAG-786	GRAB	1158 Millstream Road	5-Oct-15	0.90	<1	6	12	<1	0.11
WEAG-786	GRAB	1158 Millstream Road	2-Nov-15	1.10	<1	4	13	<1	0.16
WEAG-786	GRAB	1158 Millstream Road	30-Nov-15	0.87	<1	<2	8	<1	0.12
WEAG-786	GRAB	1158 Millstream Road	30-Dec-15	0.92	<1	NA	6	<1	0.12
WEAG-787	GRAB	2711 Willoughby Road	19-Jan-15	1.10	<1	<2	8	<1	0.18
WEAG-787	GRAB	2711 Willoughby Road	16-Feb-15	1.20	<1	<2	9	<1	0.19
WEAG-787	GRAB	2711 Willoughby Road	16-Mar-15	0.81	<1	2	11	<1	0.16
WEAG-787	GRAB	2711 Willoughby Road	13-Apr-15	0.73	<1	<2	8	<1	0.15
WEAG-787	GRAB	2711 Willoughby Road	11-May-15	0.62	<1	<2	12	<1	0.18
WEAG-787	GRAB	2711 Willoughby Road	8-Jun-15	1.20	<1	<2	14	<1	0.26
WEAG-787	GRAB	2711 Willoughby Road	6-Jul-15	0.80	<1	<2	18	<1	0.25
WEAG-787	GRAB	2711 Willoughby Road	5-Aug-15	0.84	<1	4	20	<1	0.30
WEAG-787	GRAB	2711 Willoughby Road	9-Sep-15	1.10	<1	<2	16	<1	0.14
WEAG-787	GRAB	2711 Willoughby Road	5-Oct-15	0.77	<1	<2	13	<1	0.22
WEAG-787	GRAB	2711 Willoughby Road	2-Nov-15	0.97	<1	2	13	<1	0.33
WEAG-787	GRAB	2711 Willoughby Road	30-Nov-15	0.91	<1	<2	8	<1	0.15
WEAG-787	GRAB	2711 Willoughby Road	30-Dec-15	0.83	<1	NA	5	<1	0.57
WEAG-788	GRAB	1551 Vinson Creek Road	19-Jan-15	2.10	<1	<2	8	<1	0.11
WEAG-788	GRAB	1551 Vinson Creek Road	16-Feb-15	0.84	<1	<2	8	<1	0.06
WEAG-788	GRAB	1551 Vinson Creek Road	16-Mar-15	0.79	<1	<2	11	<1	0.29
WEAG-788	GRAB	1551 Vinson Creek Road	13-Apr-15	0.81	<1	<2	10	<1	0.27
WEAG-788	GRAB	1551 Vinson Creek Road	11-May-15	0.51	<1	<2	14	<1	0.13
WEAG-788	GRAB	1551 Vinson Creek Road	8-Jun-15	1.30	<1	<2	13	<1	0.12
WEAG-788	GRAB	1551 Vinson Creek Road	6-Jul-15	0.94	<1	<2	17	<1	0.25
WEAG-788	GRAB	1551 Vinson Creek Road	5-Aug-15	0.80	<1	<2	19	<1	0.13
WEAG-788	GRAB	1551 Vinson Creek Road	9-Sep-15	1.00	<1	<2	14	<1	0.13
WEAG-788	GRAB	1551 Vinson Creek Road	5-Oct-15	0.93	<1	<2	14	<1	0.17
WEAG-788	GRAB	1551 Vinson Creek Road	2-Nov-15	1.20	<1	<2	13	<1	0.22
WEAG-788	GRAB	1551 Vinson Creek Road	30-Nov-15	0.96	<1	<2	8	<1	0.13

WEAG-788	GRAB	1551 Vinson Creek Road	30-Dec-15	0.89	<1	NA	7	<1	0.09
WEAG-880	GRAB	965 Cross Creek Road	12-Jan-15	0.81	<1	<2	10	<1	0.07
WEAG-880	GRAB	965 Cross Creek Road	11-Feb-15	0.82	<1	<2	9	<1	0.08
WEAG-880	GRAB	965 Cross Creek Road	9-Mar-15	0.82	<1	<2	13	<1	0.09
WEAG-880	GRAB	965 Cross Creek Road	8-Apr-15	0.91	<1	2	10	<1	0.09
WEAG-880	GRAB	965 Cross Creek Road	4-May-15	1.30	<1	<2	10	<1	0.11
WEAG-880	GRAB	965 Cross Creek Road	1-Jun-15	0.66	<1	<2	17	<1	0.15
WEAG-880	GRAB	965 Cross Creek Road	29-Jun-15	0.91	<1	<2	17	<1	0.17
WEAG-880	GRAB	965 Cross Creek Road	27-Jul-15	0.65	<1	<2	18	<1	0.18
WEAG-880	GRAB	965 Cross Creek Road	31-Aug-15	0.87	<1	<2	17	<1	0.26
WEAG-880	GRAB	965 Cross Creek Road	28-Sep-15	0.91	<1	<2	16	<1	0.25
WEAG-880	GRAB	965 Cross Creek Road	23-Nov-15	0.94	<1	<2	9	<1	0.09
WEAG-880	GRAB	965 Cross Creek Road	21-Dec-15	0.88	<1	NA	6	<1	0.18
WVR-711	GRAB	1020 Groveland Road	5-Jan-15	0.81	<1	<2	8	<1	0.08
WVR-711	GRAB	1020 Groveland Road	2-Feb-15	0.51	<1	2	8	<1	0.13
WVR-711	GRAB	1020 Groveland Road	2-Mar-15	0.89	<1	<2	8	<1	0.11
WVR-711	GRAB	1020 Groveland Road	30-Mar-15	1.00	<1	2	10	<1	0.10
WVR-711	GRAB	1020 Groveland Road	27-Apr-15	0.89	<1	6	12	<1	0.15
WVR-711	GRAB	1020 Groveland Road	25-May-15	1.00	<1	<2	13	<1	0.16
WVR-711	GRAB	1020 Groveland Road	22-Jun-15	1.10	<1	<2	14	<1	0.16
WVR-711	GRAB	1020 Groveland Road	20-Jul-15	0.80	<1	<2	20	<1	0.36
WVR-711	GRAB	1020 Groveland Road	17-Aug-15	1.10	<1	<2	18	<1	0.16
WVR-711	GRAB	1020 Groveland Road	24-Aug-15	0.62	<1	<2	18	<1	0.15
WVR-711	GRAB	1020 Groveland Road	21-Sep-15	0.92	<1	<2	14	<1	0.30
WVR-711	GRAB	1020 Groveland Road	19-Oct-15	0.92	<1	<2	15	<1	0.16
WVR-711	GRAB	1020 Groveland Road	16-Nov-15	0.77	<1	<2	10	<1	0.33
WVR-711	GRAB	1020 Groveland Road	14-Dec-15	0.91	<1	<2	8	<1	0.17
WVR-712	GRAB	510 Ballantree Road	5-Jan-15	0.65	<1	2	8	<1	0.47
WVR-712	GRAB	510 Ballantree Road	2-Feb-15	0.38	<1	48	7	<1	0.96
WVR-712	GRAB	510 Ballantree Road	2-Mar-15	0.27	<1	350	8	<1	0.50
WVR-712	GRAB	510 Ballantree Road	30-Mar-15	0.90	<1	24	10	<1	0.58
WVR-712	GRAB	510 Ballantree Road	27-Apr-15	0.69	<1	32	11	<1	0.28
WVR-712	GRAB	510 Ballantree Road	25-May-15	0.79	<1	16	13	<1	0.24
WVR-712	GRAB	510 Ballantree Road	22-Jun-15	0.58	<1	2	18	<1	0.16
WVR-712	GRAB	510 Ballantree Road	20-Jul-15	0.94	<1	6	20	<1	0.33
WVR-712	GRAB	510 Ballantree Road	17-Aug-15	0.98	<1	<2	20	<1	0.27
WVR-712	GRAB	510 Ballantree Road	24-Aug-15	0.82	<1	2	18	<1	0.21
WVR-712	GRAB	510 Ballantree Road	21-Sep-15	0.96	<1	<2	15	<1	0.16
WVR-712	GRAB	510 Ballantree Road	19-Oct-15	0.88	<1	<2	17	<1	0.18
WVR-712	GRAB	510 Ballantree Road	16-Nov-15	0.31	<1	48	9	<1	0.22
WVR-712	GRAB	510 Ballantree Road	14-Dec-15	0.53	<1	2	8	<1	0.24
WVR-718	GRAB	885 - 22nd Street	26-Jan-15	0.41	<1	4	9	<1	0.09
WVR-718	GRAB	885 - 22nd Street	23-Feb-15	0.63	<1	<2	9	<1	0.12
WVR-718	GRAB	885 - 22nd Street	23-Mar-15	0.87	<1	66	9	<1	0.10
WVR-718	GRAB	885 - 22nd Street	20-Apr-15	0.47	<1	24	12	<1	0.11
WVR-718	GRAB	885 - 22nd Street	20-May-15	0.44	<1	74	14	<1	0.13
WVR-718	GRAB	885 - 22nd Street	15-Jun-15	0.33	<1	36	22	<1	0.11
WVR-718	GRAB	885 - 22nd Street	13-Jul-15	0.33	<1	<2	23	<1	0.21
WVR-718	GRAB	885 - 22nd Street	10-Aug-15	0.66	<1	<2	21	<1	0.37
WVR-718	GRAB	885 - 22nd Street	14-Sep-15	0.76	<1	<2	16	<1	1.60
WVR-718	GRAB	885 - 22nd Street	14-Oct-15	0.38	<1	2	15	<1	0.11
WVR-718	GRAB	885 - 22nd Street	9-Nov-15	0.62	<1	<2	13	<1	0.17
WVR-718	GRAB	885 - 22nd Street	7-Dec-15	0.32	<1	<2	9	<1	0.09
WVR-761	GRAB	243 Rabbit Lane	19-Jan-15	0.27	<1	24	8	<1	0.85
WVR-761	GRAB	243 Rabbit Lane	16-Feb-15	0.38	<1	34	7	<1	0.26
WVR-761	GRAB	243 Rabbit Lane	16-Mar-15	0.25	<1	220	11	<1	0.48
WVR-761	GRAB	243 Rabbit Lane	13-Apr-15	0.22	<1	160	8	<1	0.19
WVR-761	GRAB	243 Rabbit Lane	11-May-15	0.22	<1	26	11	<1	0.25
WVR-761	GRAB	243 Rabbit Lane	8-Jun-15	0.47	<1	20	15	<1	0.40
WVR-761	GRAB	243 Rabbit Lane	6-Jul-15	0.20	<1	30	19	<1	0.25
WVR-761	GRAB	243 Rabbit Lane	5-Aug-15	0.31	<1	20	20	<1	0.30
WVR-761	GRAB	243 Rabbit Lane	9-Sep-15	0.25	<1	70	17	<1	0.26
WVR-761	GRAB	243 Rabbit Lane	5-Oct-15	0.21	<1	350	12	<1	0.23
WVR-761	GRAB	243 Rabbit Lane	2-Nov-15	0.25	<1	4300	12	<1	0.75
WVR-761	GRAB	243 Rabbit Lane	30-Nov-15	0.39	<1	30	8	<1	0.39

WVR-761	GRAB	243 Rabbit Lane	30-Dec-15	0.24	<1	NA	7	<1	0.64
WVR-764	GRAB	111 Bridge Road	19-Jan-15	0.64	<1	<2	7	<1	0.16
WVR-764	GRAB	111 Bridge Road	16-Feb-15	1.00	<1	<2	7	<1	0.12
WVR-764	GRAB	111 Bridge Road	16-Mar-15	0.86	<1	<2	10	<1	0.19
WVR-764	GRAB	111 Bridge Road	13-Apr-15	0.77	<1	<2	8	<1	0.17
WVR-764	GRAB	111 Bridge Road	11-May-15	0.71	<1	<2	12	<1	0.20
WVR-764	GRAB	111 Bridge Road	8-Jun-15	0.93	<1	<2	13	<1	0.12
WVR-764	GRAB	111 Bridge Road	6-Jul-15	0.65	<1	<2	18	<1	0.21
WVR-764	GRAB	111 Bridge Road	5-Aug-15	0.73	<1	2	19	<1	2.30
WVR-764	GRAB	111 Bridge Road	9-Sep-15	0.98	<1	<2	14	<1	0.17
WVR-764	GRAB	111 Bridge Road	5-Oct-15	0.48	<1	<2	10	<1	0.15
WVR-764	GRAB	111 Bridge Road	2-Nov-15	0.99	<1	<2	11	<1	0.32
WVR-764	GRAB	111 Bridge Road	30-Nov-15	0.88	<1	<2	7	<1	0.12
WVR-764	GRAB	111 Bridge Road	30-Dec-15	0.78	<1	NA	7	<1	0.10
WVR-790	GRAB	19 Glenmore Drive	5-Jan-15	0.78	<1	<2	7	<1	0.25
WVR-790	GRAB	19 Glenmore Drive	19-Jan-15	0.47	<1	2	7	<1	0.47
WVR-790	GRAB	19 Glenmore Drive	2-Feb-15	0.48	<1	<2	7	<1	0.26
WVR-790	GRAB	19 Glenmore Drive	16-Feb-15	0.59	<1	<2	9	<1	0.42
WVR-790	GRAB	19 Glenmore Drive	2-Mar-15	0.74	<1	<2	9	<1	0.50
WVR-790	GRAB	19 Glenmore Drive	16-Mar-15	0.36	<1	6	11	<1	1.20
WVR-790	GRAB	19 Glenmore Drive	30-Mar-15	0.71	<1	<2	11	<1	0.91
WVR-790	GRAB	19 Glenmore Drive	13-Apr-15	0.54	<1	<2	9	<1	0.19
WVR-790	GRAB	19 Glenmore Drive	27-Apr-15	0.71	<1	<2	11	<1	0.61
WVR-790	GRAB	19 Glenmore Drive	11-May-15	0.38	<1	<2	14	<1	0.34
WVR-790	GRAB	19 Glenmore Drive	25-May-15	0.91	<1	<2	12	<1	0.18
WVR-790	GRAB	19 Glenmore Drive	8-Jun-15	0.96	<1	<2	13	<1	0.17
WVR-790	GRAB	19 Glenmore Drive	22-Jun-15	0.81	<1	<2	13	<1	0.16
WVR-790	GRAB	19 Glenmore Drive	6-Jul-15	0.75	<1	<2	18	<1	0.32
WVR-790	GRAB	19 Glenmore Drive	20-Jul-15	0.65	<1	<2	18	<1	0.42
WVR-790	GRAB	19 Glenmore Drive	5-Aug-15	0.48	<1	<2	18	<1	0.32
WVR-790	GRAB	19 Glenmore Drive	17-Aug-15	0.69	<1	2	16	<1	0.43
WVR-790	GRAB	19 Glenmore Drive	17-Aug-15	0.20	<1	<2	18	<1	1.10
WVR-790	GRAB	19 Glenmore Drive	9-Sep-15	0.67	<1	<2	15	<1	0.46
WVR-790	GRAB	19 Glenmore Drive	21-Sep-15	0.93	<1	<2	14	<1	0.34
WVR-790	GRAB	19 Glenmore Drive	5-Oct-15	0.48	<1	<2	14	<1	0.35
WVR-790	GRAB	19 Glenmore Drive	19-Oct-15	0.38	<1	<2	16	<1	0.40
WVR-790	GRAB	19 Glenmore Drive	2-Nov-15	0.57	<1	2	13	<1	0.84
WVR-790	GRAB	19 Glenmore Drive	16-Nov-15	0.88	<1	<2	9	<1	0.51
WVR-790	GRAB	19 Glenmore Drive	30-Nov-15	0.63	<1	<2	7	<1	0.56
WVR-790	GRAB	19 Glenmore Drive	14-Dec-15	0.72	<1	<2	8	<1	0.47
WVR-790	GRAB	19 Glenmore Drive	30-Dec-15	0.55	<1	NA	8	<1	0.28
WVR-791	GRAB	200 Keith Road	5-Jan-15	1.00	<1	<2	6	<1	0.14
WVR-791	GRAB	200 Keith Road	2-Feb-15	0.79	<1	<2	5	<1	0.11
WVR-791	GRAB	200 Keith Road	2-Mar-15	0.96	<1	<2	8	<1	0.09
WVR-791	GRAB	200 Keith Road	30-Mar-15	0.79	<1	2	11	<1	0.12
WVR-791	GRAB	200 Keith Road	27-Apr-15	1.00	<1	<2	10	<1	0.10
WVR-791	GRAB	200 Keith Road	25-May-15	0.99	<1	<2	12	<1	0.13
WVR-791	GRAB	200 Keith Road	22-Jun-15	0.79	<1	<2	12	<1	0.16
WVR-791	GRAB	200 Keith Road	20-Jul-15	0.76	<1	<2	19	<1	0.55
WVR-791	GRAB	200 Keith Road	17-Aug-15	1.00	<1	<2	17	<1	0.19
WVR-791	GRAB	200 Keith Road	24-Aug-15	0.73	<1	<2	18	<1	0.25
WVR-791	GRAB	200 Keith Road	21-Sep-15	0.76	<1	<2	14	<1	0.14
WVR-791	GRAB	200 Keith Road	19-Oct-15	0.75	<1	<2	15	<1	0.21
WVR-791	GRAB	200 Keith Road	16-Nov-15	0.95	<1	4	10	<1	0.09
WVR-791	GRAB	200 Keith Road	14-Dec-15	0.45	<1	8	8	<1	0.14
WVR-792	GRAB	76 Bonnymuir Drive	5-Jan-15	0.79	<1	<2	8	<1	0.24
WVR-792	GRAB	76 Bonnymuir Drive	19-Jan-15	0.53	<1	2	8	<1	0.13
WVR-792	GRAB	76 Bonnymuir Drive	2-Feb-15	0.50	<1	<2	8	<1	0.14
WVR-792	GRAB	76 Bonnymuir Drive	16-Feb-15	0.69	<1	4	9	<1	0.20
WVR-792	GRAB	76 Bonnymuir Drive	2-Mar-15	0.56	<1	<2	9	<1	0.13
WVR-792	GRAB	76 Bonnymuir Drive	16-Mar-15	0.61	<1	<2	11	<1	0.12
WVR-792	GRAB	76 Bonnymuir Drive	30-Mar-15	0.85	<1	<2	10	<1	0.10
WVR-792	GRAB	76 Bonnymuir Drive	13-Apr-15	0.53	<1	<2	10	<1	0.18
WVR-792	GRAB	76 Bonnymuir Drive	27-Apr-15	0.63	<1	<2	11	<1	0.16
WVR-792	GRAB	76 Bonnymuir Drive	11-May-15	0.52	<1	<2	13	<1	0.21
WVR-792	GRAB	76 Bonnymuir Drive	25-May-15	0.73	<1	<2	12	<1	0.13
WVR-792	GRAB	76 Bonnymuir Drive	8-Jun-15	0.71	<1	<2	14	<1	0.11
WVR-792	GRAB	76 Bonnymuir Drive	22-Jun-15	0.70	<1	<2	12	<1	0.14
WVR-792	GRAB	76 Bonnymuir Drive	6-Jul-15	0.76	<1	2	18	<1	0.18

WVR-792	GRAB	76 Bonnymuir Drive	20-Jul-15	0.57	<1	2	18	<1	0.21
WVR-792	GRAB	76 Bonnymuir Drive	5-Aug-15	0.56	<1	2	17	<1	0.26
WVR-792	GRAB	76 Bonnymuir Drive	17-Aug-15	0.36	<1	<2	18	<1	0.20
WVR-792	GRAB	76 Bonnymuir Drive	24-Aug-15	0.23	<1	2	17	<1	0.19
WVR-792	GRAB	76 Bonnymuir Drive	9-Sep-15	0.54	<1	10	15	<1	0.44
WVR-792	GRAB	76 Bonnymuir Drive	21-Sep-15	0.67	<1	<2	14	<1	0.12
WVR-792	GRAB	76 Bonnymuir Drive	5-Oct-15	0.41	<1	2	14	<1	0.21
WVR-792	GRAB	76 Bonnymuir Drive	19-Oct-15	0.41	<1	<2	15	<1	0.27
WVR-792	GRAB	76 Bonnymuir Drive	2-Nov-15	0.61	<1	<2	13	<1	0.12
WVR-792	GRAB	76 Bonnymuir Drive	16-Nov-15	0.84	<1	<2	10	<1	0.12
WVR-792	GRAB	76 Bonnymuir Drive	30-Nov-15	0.71	<1	<2	9	<1	0.21
WVR-792	GRAB	76 Bonnymuir Drive	14-Dec-15	0.56	<1	<2	9	<1	0.17
WVR-792	GRAB	76 Bonnymuir Drive	30-Dec-15	0.55	<1	NA	8	<1	0.21
WVR-793	GRAB	559 Kildonan Road	5-Jan-15	1.10	<1	<2	7	<1	0.12
WVR-793	GRAB	559 Kildonan Road	2-Feb-15	1.10	<1	<2	6	<1	0.15
WVR-793	GRAB	559 Kildonan Road	2-Mar-15	1.10	<1	<2	8	<1	0.14
WVR-793	GRAB	559 Kildonan Road	30-Mar-15	0.93	<1	<2	10	<1	0.12
WVR-793	GRAB	559 Kildonan Road	27-Apr-15	0.82	<1	<2	11	<1	0.14
WVR-793	GRAB	559 Kildonan Road	25-May-15	1.00	<1	<2	13	<1	0.13
WVR-793	GRAB	559 Kildonan Road	22-Jun-15	0.62	<1	<2	16	<1	0.14
WVR-793	GRAB	559 Kildonan Road	20-Jul-15	0.92	<1	<2	22	<1	0.22
WVR-793	GRAB	559 Kildonan Road	17-Aug-15	1.00	<1	<2	19	<1	0.19
WVR-793	GRAB	559 Kildonan Road	24-Aug-15	0.72	<1	<2	18	<1	0.23
WVR-793	GRAB	559 Kildonan Road	21-Sep-15	0.89	<1	<2	13	<1	0.13
WVR-793	GRAB	559 Kildonan Road	19-Oct-15	0.81	<1	<2	15	<1	0.18
WVR-793	GRAB	559 Kildonan Road	16-Nov-15	0.92	<1	18	9	<1	0.15
WVR-793	GRAB	559 Kildonan Road	14-Dec-15	0.85	<1	<2	8	<1	0.18
WVR-794	GRAB	702 Barnham Road	5-Jan-15	0.67	<1	<2	8	<1	0.12
WVR-794	GRAB	702 Barnham Road	2-Feb-15	0.40	<1	26	8	<1	0.18
WVR-794	GRAB	702 Barnham Road	2-Mar-15	0.66	<1	<2	8	<1	0.13
WVR-794	GRAB	702 Barnham Road	30-Mar-15	0.79	<1	<2	10	<1	0.10
WVR-794	GRAB	702 Barnham Road	27-Apr-15	0.68	<1	<2	11	<1	0.19
WVR-794	GRAB	702 Barnham Road	25-May-15	0.94	<1	<2	13	<1	0.21
WVR-794	GRAB	702 Barnham Road	22-Jun-15	0.79	<1	<2	15	<1	0.17
WVR-794	GRAB	702 Barnham Road	20-Jul-15	0.55	<1	2	22	<1	0.17
WVR-794	GRAB	702 Barnham Road	17-Aug-15	0.59	<1	<2	19	<1	0.35
WVR-794	GRAB	702 Barnham Road	24-Aug-15	0.24	<1	<2	18	<1	0.21
WVR-794	GRAB	702 Barnham Road	21-Sep-15	0.74	<1	<2	15	<1	0.13
WVR-794	GRAB	702 Barnham Road	19-Oct-15	0.39	<1	<2	16	<1	0.28
WVR-794	GRAB	702 Barnham Road	16-Nov-15	0.81	<1	2	10	<1	0.16
WVR-794	GRAB	702 Barnham Road	14-Dec-15	0.50	<1	<2	8	<1	0.15
WVR-795	GRAB	620 Kenwood Road	5-Jan-15	0.62	<1	4	8	<1	0.10
WVR-795	GRAB	620 Kenwood Road	2-Feb-15	0.32	<1	<2	7	<1	0.14
WVR-795	GRAB	620 Kenwood Road	2-Mar-15	0.52	<1	<2	8	<1	0.18
WVR-795	GRAB	620 Kenwood Road	30-Mar-15	0.42	<1	2	10	<1	0.13
WVR-795	GRAB	620 Kenwood Road	27-Apr-15	0.84	<1	8	12	<1	0.16
WVR-795	GRAB	620 Kenwood Road	25-May-15	0.87	<1	8	13	<1	0.18
WVR-795	GRAB	620 Kenwood Road	22-Jun-15	0.81	<1	<2	14	<1	0.13
WVR-795	GRAB	620 Kenwood Road	20-Jul-15	0.70	<1	<2	21	<1	0.21
WVR-795	GRAB	620 Kenwood Road	17-Aug-15	0.62	<1	<2	19	<1	0.22
WVR-795	GRAB	620 Kenwood Road	24-Aug-15	0.28	<1	<2	17	<1	0.21
WVR-795	GRAB	620 Kenwood Road	21-Sep-15	0.62	<1	<2	14	<1	0.13
WVR-795	GRAB	620 Kenwood Road	19-Oct-15	0.60	<1	<2	16	<1	0.18
WVR-795	GRAB	620 Kenwood Road	16-Nov-15	0.67	<1	4	10	<1	0.31
WVR-795	GRAB	620 Kenwood Road	14-Dec-15	0.57	<1	4	8	<1	0.27
WVR-796	GRAB	315 Mathers Avenue	5-Jan-15	0.72	<1	12	7	<1	0.11
WVR-796	GRAB	315 Mathers Avenue	19-Jan-15	0.71	<1	8	8	<1	0.08
WVR-796	GRAB	315 Mathers Avenue	2-Feb-15	0.67	<1	4	7	<1	0.10
WVR-796	GRAB	315 Mathers Avenue	16-Feb-15	0.96	<1	<2	9	<1	0.09
WVR-796	GRAB	315 Mathers Avenue	2-Mar-15	1.10	<1	<2	8	<1	0.11
WVR-796	GRAB	315 Mathers Avenue	16-Mar-15	0.71	<1	<2	10	<1	0.45
WVR-796	GRAB	315 Mathers Avenue	30-Mar-15	0.82	<1	12	11	<1	0.13
WVR-796	GRAB	315 Mathers Avenue	13-Apr-15	0.74	<1	22	10	<1	0.11
WVR-796	GRAB	315 Mathers Avenue	27-Apr-15	0.78	<1	<2	11	<1	0.09
WVR-796	GRAB	315 Mathers Avenue	11-May-15	0.72	<1	10	12	<1	0.12
WVR-796	GRAB	315 Mathers Avenue	25-May-15	0.81	<1	<2	13	<1	0.13
WVR-796	GRAB	315 Mathers Avenue	8-Jun-15	0.88	<1	<2	14	<1	0.16
WVR-796	GRAB	315 Mathers Avenue	22-Jun-15	0.79	<1	<2	12	<1	0.13
WVR-796	GRAB	315 Mathers Avenue	6-Jul-15	0.80	<1	<2	19	<1	0.25

WVR-796	GRAB	315 Mathers Avenue	20-Jul-15	0.64	<1	<2	21	<1	0.40
WVR-796	GRAB	315 Mathers Avenue	5-Aug-15	0.68	<1	8	21	<1	0.18
WVR-796	GRAB	315 Mathers Avenue	17-Aug-15	1.00	<1	4	16	<1	0.22
WVR-796	GRAB	315 Mathers Avenue	24-Aug-15	0.73	<1	8	18	<1	0.20
WVR-796	GRAB	315 Mathers Avenue	9-Sep-15	0.83	<1	<2	16	<1	0.18
WVR-796	GRAB	315 Mathers Avenue	21-Sep-15	0.81	<1	<2	15	<1	0.14
WVR-796	GRAB	315 Mathers Avenue	5-Oct-15	0.89	<1	150	12	<1	0.15
WVR-796	GRAB	315 Mathers Avenue	19-Oct-15	0.61	<1	42	15	<1	0.16
WVR-796	GRAB	315 Mathers Avenue	2-Nov-15	0.81	<1	<2	13	<1	0.76
WVR-796	GRAB	315 Mathers Avenue	16-Nov-15	0.81	<1	4	10	<1	0.09
WVR-796	GRAB	315 Mathers Avenue	30-Nov-15	0.82	<1	<2	8	<1	0.16
WVR-796	GRAB	315 Mathers Avenue	14-Dec-15	0.78	<1	4	9	<1	0.12
WVR-796	GRAB	315 Mathers Avenue	30-Dec-15	0.79	<1	NA	8	<1	0.08
WVR-797	GRAB	395 Klahanie Court	19-Jan-15	1.20	<1	<2	7	<1	0.10
WVR-797	GRAB	395 Klahanie Court	16-Feb-15	0.79	<1	46	8	<1	0.32
WVR-797	GRAB	395 Klahanie Court	16-Mar-15	0.27	<1	1100	11	<1	0.37
WVR-797	GRAB	395 Klahanie Court	13-Apr-15	0.32	<1	78	8	<1	0.43
WVR-797	GRAB	395 Klahanie Court	11-May-15	0.35	<1	10	11	<1	0.29
WVR-797	GRAB	395 Klahanie Court	8-Jun-15	0.81	<1	<2	14	<1	0.34
WVR-797	GRAB	395 Klahanie Court	6-Jul-15	0.71	<1	6	17	<1	0.36
WVR-797	GRAB	395 Klahanie Court	5-Aug-15	0.77	<1	4	17	<1	0.27
WVR-797	GRAB	395 Klahanie Court	9-Sep-15	0.72	<1	4	15	<1	0.18
WVR-797	GRAB	395 Klahanie Court	5-Oct-15	0.56	<1	6	9	<1	0.23
WVR-797	GRAB	395 Klahanie Court	2-Nov-15	0.78	<1	2	12	<1	0.25
WVR-797	GRAB	395 Klahanie Court	30-Nov-15	0.74	<1	<2	8	<1	0.18
WVR-797	GRAB	395 Klahanie Court	30-Dec-15	0.28	<1	NA	6	<1	0.36
WVR-880	GRAB	965 Cross Creek Road	26-Oct-15	0.88	<1	<2	16	<1	0.08
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	26-Jan-15	0.85	<1	<2	8	<1	0.10
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	23-Feb-15	1.20	<1	<2	9	<1	0.15
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	23-Mar-15	1.10	<1	<2	7	<1	0.15
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	20-Apr-15	1.00	<1	<2	10	<1	0.14
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	20-May-15	0.57	<1	<2	11	<1	0.10
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	15-Jun-15	1.00	<1	<2	18	<1	0.16
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	13-Jul-15	1.10	<1	<2	18	<1	0.18
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	10-Aug-15	1.10	<1	<2	18	<1	0.18
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	14-Sep-15	0.81	<1	<2	15	<1	0.11
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	14-Oct-15	0.90	<1	<2	9	<1	0.16
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	9-Nov-15	0.67	<1	<2	11	<1	0.16
WMZ-781	GRAB	8005 Pasco Road, Mtzb Creek	7-Dec-15	0.34	<1	18	8	<1	0.08
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	12-Jan-15	0.27	<1	72	9	<1	2.80
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	11-Feb-15	0.27	<1	9100	9	<1	5.70
WMZ-782	*REPEAT*	*8995 Lawrence Way, Mtzb Creek*	*12-Feb-15*	*0.27*					*3.87*
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	9-Mar-15	1.00	<1	<2	10	<1	0.09
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	8-Apr-15	1.10	<1	<2	10	<1	0.21
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	4-May-15	0.91	<1	<2	9	<1	1.20
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	1-Jun-15	0.55	<1	<2	14	<1	1.60
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	29-Jun-15	1.00	<1	<2	18	<1	0.60
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	27-Jul-15	0.34	<1	2	18	<1	0.79
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	31-Aug-15	0.49	<1	6	15	<1	0.94
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	28-Sep-15	0.56	<1	<2	12	<1	0.37
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	26-Oct-15	0.73	<1	<2	11	<1	0.96
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	23-Nov-15	0.92	<1	<2	8	<1	0.11
WMZ-782	GRAB	8995 Lawrence Way, Mtzb Creek	21-Dec-15	0.49	<1	NA	6	<1	5.90
WMZ-782	*REPEAT*	*8995 Lawrence Way, Mtzb Creek*	22-Dec-15	*0.62*					*0.72*