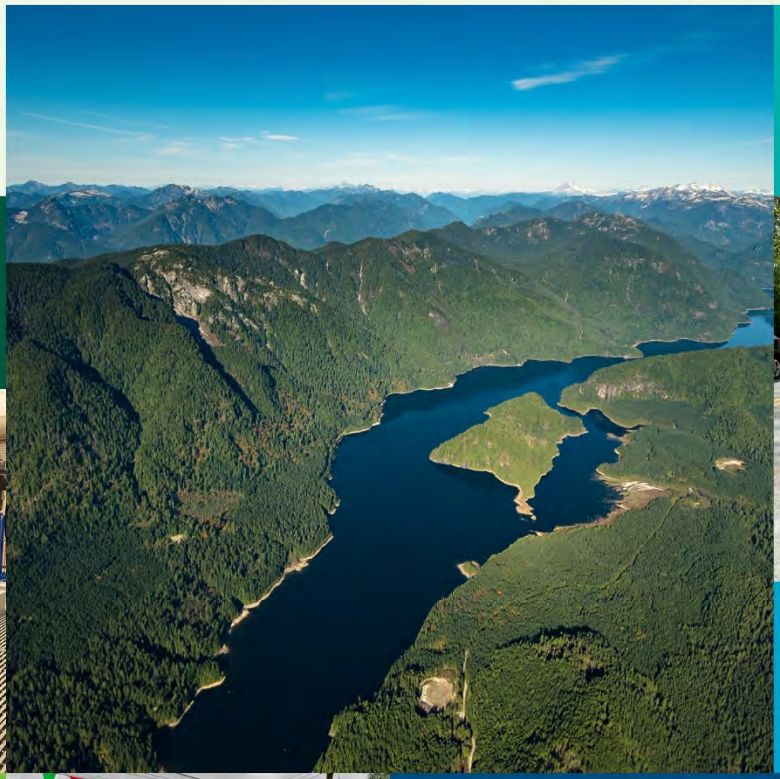
City of Coquitlam

2022 Annual Drinking Water Quality Report



Prepared May 25, 2023

Coquitlam

We acknowledge with gratitude and respect that the name Coquitlam was derived from the hən̓q̓əmiń əm̓ word kʷikʷəƛ̓əm (kwee-kwuh-tlum) meaning “Red Fish Up the River”. The City of Coquitlam is honoured to be located on the kʷikʷəƛ̓əm (Kwikwetlem) traditional and ancestral lands, including those parts that were historically shared with the sq̓əc̓iy̓aʔɬ təməxʷ (Katzie), and other Coast Salish Peoples.

Executive Summary

Under the BC *Drinking Water Protection Act* and *Drinking Water Protection Regulation* it is the City's responsibility to continually monitor drinking water quality, create reports that summarize these results, and make them available to the public. This report summarizes the results of the City of Coquitlam's drinking water monitoring program and documents the effectiveness of the systems in place to protect water quality for the year 2022.

A total of 1922 water quality samples were taken in 2022 with only two testing positive for non-fecal coliform bacteria. At no point did the City of Coquitlam exceed the 10% of samples showing the presence of coliform in a 30 day period. Additionally, there were no samples that tested positive for Escherichia coliform (E. coli) in 2022.

The majority of the water quality samples had adequate amounts of free chlorine, which is added as a secondary disinfectant at the water's source. Low amounts of free chlorine residual was recorded at three of thirty sampling stations in Coquitlam's water distribution system, however, the amounts of chlorine have improved significantly from previous years.

All drinking water samples have come within the acceptable levels of concentrations of disinfection bi-products, metals, and vinyl chloride as established by the *Guidelines for Canadian Drinking Water Quality*. Both the average temperature and turbidity test results were also within the acceptable guideline limits. There was one sample that had a low pH reading, although this is believed to be a sampling error.

The City recorded 58 water quality complaints in 2022. The majority of these complaints were of discoloured water, with 19 due to taste or odour. These issues are usually resolved within two hours by having homeowners flush their taps.

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A	Heath Link BC Bulletin #56 – Preventing Water-Borne Infections For People with Weakened Immune Systems
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Introduction

This report provides an overview of the regulations regarding drinking water quality and shows that City of Coquitlam continued to provide safe drinking water to its residents in 2022.

Drinking Water Regulations

Drinking water quality in the City of Coquitlam (the City) must meet the following requirements:

Federal Requirements

The *Guidelines for Canadian Drinking Water Quality* (*GCDWQ*) are established by Health Canada in collaboration with the Federal-Provincial-Territorial Committee on Drinking Water and other federal government departments. The *GCDWQ* provides maximum acceptable concentration values for various chemical and physical parameters for potable water.

Provincial Requirements

The Province of British Columbia has regulations set out in the *Drinking Water Protection Act* (the *Act*) and the *Drinking Water Protection Regulation* (the *Regulation*). The *Act* establishes the requirements for operators and suppliers of drinking water to ensure the public are provided with safe drinking water. Along with the *Act*, the *Regulation* sets out minimum safety standards to be met for water treatment and sampling, further establishing a set of regulations for the operation and monitoring of water distribution systems. The *Regulation* stipulates in Section 8, Water Monitoring Analysis, that a supplier must collect and test samples from their distribution system as directed by a drinking water officer. The *Act* also requires that the results of a supplier's water quality monitoring program must be reported publicly. Under Section 11 of the *Regulation*, it stipulates that a report must be published within six months of the end of each calendar year.

Regional Health Authority Requirements

The *Water Quality Monitoring and Reporting Plan* (*WQMRP*) was originally created in 2000 as a joint effort between Metro Vancouver (previously known as the Greater Vancouver Regional District), local government members, and the Region's Medical Health Officers. This plan requires water purveyors in BC to hold an Operating Permit as confirmation that the Medical Health Officer for the area approves of the public water supply and the purveyor's plans to provide potability, monitoring, reporting and notification in the case of emergency or other unusual circumstances.

Metro Vancouver Requirements

The *Drinking Water Management Plan* is an overarching plan for Metro Vancouver and its member municipalities. This plan sets the direction and priority for regional drinking water

initiatives such as new infrastructure, identifying additional water supplies, and managing watersheds as natural assets.

Health Bulletins

Despite the efforts of Metro Vancouver and the City of Coquitlam to provide disinfected drinking water, individuals with weakened immune systems are advised to read the Health Link BC Bulletin attached in Appendix A. Additionally, all individuals are advised to read Fraser Health's message regarding flushing taps that have not been used for 6 hours or longer, which can be found in Appendix B.

Source Testing

Similar to most municipalities in the region, the City does not have a water supply treatment facility and instead purchases treated potable water from Metro Vancouver. The drinking water that is supplied to the City comes primarily from two regional sources: Seymour Lake and Coquitlam Lake; both of these surface sources are treated by Metro Vancouver. As of January 2010, water distributed out of Seymour Lake goes through filtration and is disinfected using ultraviolet light. The water distributed out of Coquitlam Lake is treated by both ozone and ultraviolet light. The pH of the water at both Seymour and Coquitlam Lakes is also adjusted to make the water less acidic as a corrosion control measure. Supplies from both sources use chlorine as a secondary disinfectant.

Quality of pre and post-treated source water is monitored and tested by Metro Vancouver in accordance with their *WQMRP*. The results of Metro Vancouver's monitoring for 2021 can be found in their publication *Greater Vancouver Water District 2021 Water Quality Annual Report* attached as Appendix C of this report.

Distribution Testing

As per the requirements of the *Regulation* and to protect public health, the City must continuously test water quality throughout its distribution system. In accordance with the *WQMRP*, Metro Vancouver collects weekly water samples for the City and analyzes the samples at their laboratory.

The weekly drinking water sample test results are forwarded to both the City and the Fraser Health Authority directly by the Metro Vancouver's laboratory. Metro Vancouver's laboratory is a member of the Canadian Association of Analytical Laboratories and is accredited by the Standards Council of Canada. The Provincial Health Officer also approves the laboratory for the analysis of drinking water samples. If a sample shows evidence of fecal contamination, the laboratory contacts both the City and the Fraser Health Region immediately via telephone in accordance with Section 9, Immediate Reporting Standard, of the *Regulation*.

Sampling Stations

There are 30 dedicated sampling stations distributed throughout the City. The station locations were chosen in consultation with the Fraser Health Authority and Metro Vancouver to provide a representative sample of drinking water quality throughout the entire distribution system. *Figure 1* shows the geographic location of the sampling stations. *Table 1* lists the sampling stations, their supply source, and flow rate at each location.

Figure 1: 2022 Sampling Station Locations

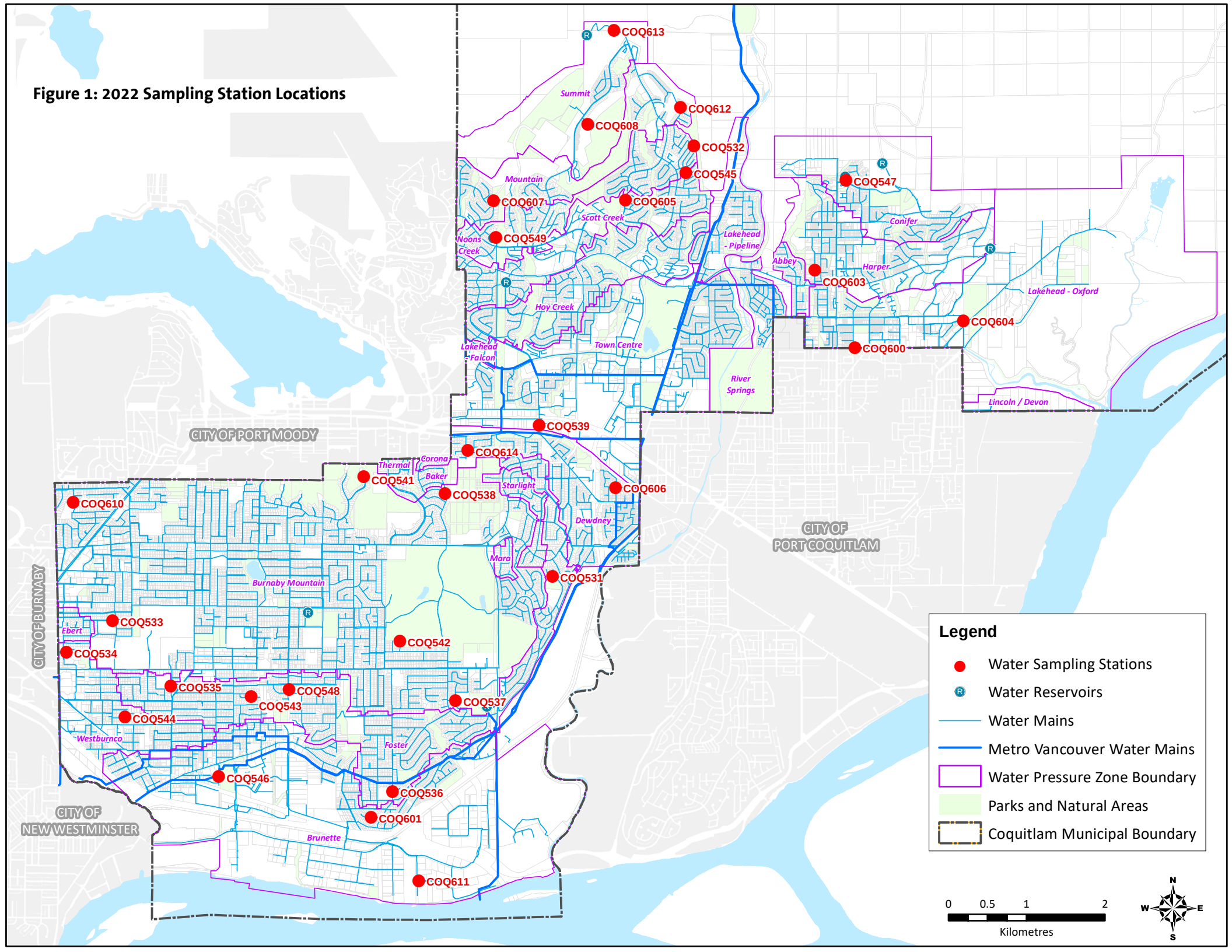


Table 1: 2022 Sampling Stations

Station	Location	Pressure Zone	Regional Supply	Sampling Site	Main Dia. (mm)
COQ531	Riverview Park (Clearwater & Paul Lake Gate)	Foster	Coquitlam/Seymour	Dead End	150
COQ532	Mallard Ct. (Mallard & Tanger)	Noons Creek	Coquitlam	Dead End	100
COQ533	600 Fairview St.	Burnaby Mountain	Seymour	Low	150
COQ534	Brookmere Ave. east of Whiting Way	Westburnco	Westburnco	Low	150
COQ535	540 Joyce St.	Foster	Coquitlam/Seymour	Low	200
COQ536	155 Finnigan St.	Foster	Coquitlam/Seymour	Low	150
COQ537	2550 Leduc Ave.	Burnaby Mountain	Coquitlam/Seymour	Low	150
COQ538	885 Baker Dr.	Burnaby Mountain	Seymour	Low	150
COQ539	Lansdowne Dr. south of Aberdeen Ave	Coquitlam	Coquitlam	Medium	150
COQ541	966 Fresno Pl.	Burnaby Mountain	Seymour	Dead End	150
COQ542	590 Orkney Ct.	Burnaby Mountain	Seymour	Dead End	150
COQ543	1150 Howse Pl. south of Madore Ave.	Foster	Coquitlam/Seymour	Dead End	150
COQ544	721 Pembroke Ave.	Westburnco	Westburnco	Dead End	150
COQ545	Blue Jay Way; north of Finch	Scott Creek	Coquitlam	Dead End	200
COQ546	Mackin Park (Nelson St. & Brunette Ave.)	Coquitlam	Coquitlam	Low	150
COQ547	Harper Reservoir	Harper	Coquitlam	Medium	300
COQ548	411 Schoolhouse St.	Foster	Coquitlam	Medium	200
COQ549	Scott Creek Pump Station (2775 Panorama Dr.)	Scott Creek	Coquitlam	Medium	350
COQ600	Victoria Dr. & Toronto St.	Coquitlam	Coquitlam	Low	150
COQ601	2085 Concord Ave.	Coquitlam	Coquitlam	Dead End	150
COQ603	1323 Glenbrook St.	Harper	Coquitlam	Low	150
COQ605	Hoy Creek Reservoir (Whitebark Pl.)	Hoy Creek	Coquitlam	Medium	400
COQ606	998 Irvine St. (Irvine St. & Reese Ave.)	Coquitlam	Coquitlam	Medium	200
COQ607	Noons Creek Reservoir (1550 Eagle Mtn. Blvd)	Noons Creek	Coquitlam	Low	300
COQ608	Eagle Mountain Reservoir	Eagle Mountain	Coquitlam	Low	300
COQ610	550 Thompson	Burnaby Mountain	Seymour	Dead End	150
COQ611	Leeder St. & Rogers Ave.	Coquitlam	Coquitlam	Medium	200
COQ612	1762 Hampton Dr.	Eagle Mountain	Coquitlam	Low	200
COQ613	Eagle Summit Reservoir, Gate	Summit	Coquitlam	Medium	300
COQ614	Buoy Dr. & Quay Pl.	Coquitlam	Coquitlam	Medium	150

The monitoring protocol recommends the following distribution of sampling sites:

- 10% supply
- 40% low flow
- 40% medium flow
- 10% dead end.

The City's current distribution of sampling sites is 0% supply, 40% low flow, 30% medium flow and 30% dead end. The City has a disproportionate number of dead end and medium flow sampling sites due to sampling points being established prior to the creation of the current protocol. However, in combination with Metro Vancouver's testing along the distribution/supply mains, the sampling stations represent the City's water quality system adequately. In addition, the City continuously makes an effort to eliminate dead ends via looping water mains through land development projects and Capital projects.

Sampling Frequency

Schedule B of the *Regulation* requires that the City take a minimum of 90 samples per month plus 1 sample per month for every 10,000 people in excess of 90,000. As the City's population is estimated to be 148,625 (based on the 2021 Census), at least 96 samples are required each month. The number of samples taken per month in 2022 is shown in the following table:

Table 2: Number of Samples Taken by Month in 2022

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
Number of Samples	162	150	177	111	185	192	184	200	149	151	156	105	**1922**

Table 2 shows that the lowest amount of samples taken was 105 in December, thus fulfilling the monthly sampling frequency protocol in 2022.

Test Parameters

Weekly samples collected at each sampling site are tested for the following parameters:

Bacteriological Parameters

- Escherichia coliform measured in colony-forming units per 100 milliliters (cfu/100mL)
- Total coliform measured in in colony-forming units per 100 milliliters cfu/100mL)
- Heterotrophic Plate Count (HPC) measured in in colony-forming units per milliliter (cfu/mL)

Physical Parameters

- Temperature measured in degrees Celsius
- Turbidity measured in nephelometeric turbidity units (NTU)

Chemical Parameters

- Free chlorine residuals measured in milligrams per liter (mg/L)

Chemical parameters are also measured quarterly at selected stations to test for the following disinfection byproducts:

- Haloacetic acids (HAA) measured in parts per billion (ppb)
- Trihalomethanes (THM) measured in parts per billion (ppb)

Additionally, the following chemical parameters are tested semi-annually:

- Metals measured in micrograms per liter (µg/L)
- Vinyl Chloride measured in milligrams per liter (mg/L)
- pH (acidity or alkalinity)

Bacteriological Parameters

Weekly tests are conducted at all of the City's sampling stations to detect Escherichia coliform, total coliforms, and heterotrophic bacteria.

Escherichia Coliform

Escherichia coliform (E. coli) is an indicator of recent fecal contamination and that microorganisms capable of causing gastrointestinal illnesses may also be present. As per the *GCDWQ* and *Regulation*, no detectable E. coli per 100mL is permitted.

The City had no samples which tested positive for E. coli in 2022.

Total Coliforms

Total coliforms are not used as indicators of potential health effects from pathogenic microorganisms, but rather are indicators of water quality changes within a drinking water distribution system. In a distribution system, detection of total coliforms can indicate regrowth of bacteria or the intrusion of untreated water. The *Regulation* has the following standards regarding the detection of total coliforms:

Table 3: Water Quality Standards for Potable Water: Total Coliform Bacteria

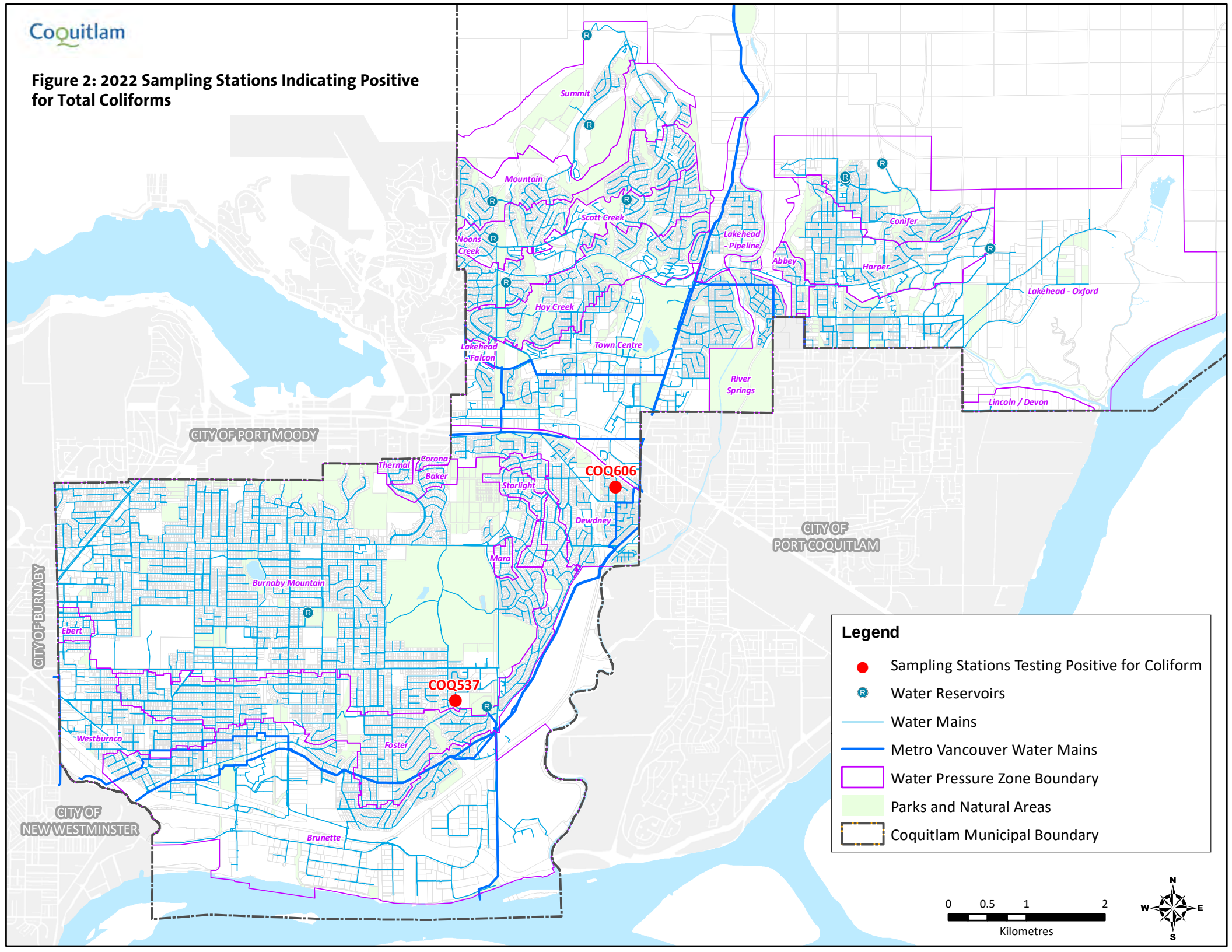
Parameter	Standard
(a) 1 sample in a 30 day period	No detectable total coliform bacteria per 100 ml
(b) more than 1 sample in a 30 day period	At least 90% of samples have no detectable total coliform bacteria per 100 ml and no sample has more than 10 total coliform bacteria per 100 ml

Similarly to the *Regulation*'s standard shown in *Table 3*, the *GCDWQ* states that "in a distribution and storage system, detection of total coliforms from consecutive samples from the same site or from more than 10% of the samples collected sampling period should be investigated."

The City was in full compliance with the total coliform regulations in 2022. Of the 1922 samples taken, there were two samples that contained trace amounts of total coliform: COQ537 had 2 cfu/100mL and COQ606 had 1 cfu/100mL. However, these two samples were taken with greater than 30 days between positive tests, were not at the same site, and were well below the Guideline and *GCDWQ* requirements of 10% total coliforms detected per 100mL (10 cfu/100mL). The location of these two positive samples is shown in the following figure:

Coquitlam

Figure 2: 2022 Sampling Stations Indicating Positive for Total Coliforms



As *Figure 2* shows, the location of the two samples that tested positive for total coliform are not at the same site. Typically, these positive results are due to the sample stations needing cleaning and disinfecting and not a result of poor water quality itself. If positive results are detected, the City responds by flushing the lines at the location top ensure further testing comes back negative.

The results of the weekly testing for E. coli and total coliforms is summarized in *Table 4*.

Table 4: 2022 Weekly Test Results for E. coli and Total Coliforms

Week	Number of Samples	Number of Samples Positive for E. coli	Number of Samples Positive for Total Coliforms	Number of Samples > 10% Total Coliforms (10 cfu/100mL)
1	22	0	0	0
2	47	0	0	0
3	49	0	0	0
4	44	0	0	0
5	32	0	0	0
6	60	0	0	0
7	40	0	0	0
8	18	0	0	0
9	43	0	0	0
10	33	0	0	0
11	23	0	0	0
12	43	0	0	0
13	45	0	0	0
14	16	0	0	0
15	23	0	0	0
16	21	0	0	0
17	41	0	0	0
18	39	0	0	0
19	48	0	0	0
20	47	0	0	0
21	30	0	0	0
22	50	0	0	0
23	45	0	1	0
24	47	0	0	0
25	37	0	0	0
26	42	0	0	0
27	39	0	0	0
28	56	0	0	0
29	45	0	0	0
30	36	0	0	0
31	39	0	1	0
32	58	0	0	0
33	42	0	0	0
34	34	0	0	0
35	30	0	0	0
36	34	0	0	0
37	34	0	0	0
38	24	0	0	0
39	54	0	0	0
40	31	0	0	0
41	22	0	0	0
42	30	0	0	0
43	56	0	0	0
44	34	0	0	0
45	28	0	0	0
46	45	0	0	0
47	43	0	0	0
48	19	0	0	0
49	35	0	0	0
50	37	0	0	0
51	1	0	0	0
52	31	0	0	0
Total:	**1922**	0	2	0
% of Total:		**0.0%**	**0.1%**	**0.0%**

As *Table 4* shows, the City had no instances of E. coli and never surpassed the regulated amount of 10% total coliforms in 2022.

Heterotrophic Plate Count

Health Canada, the World Health Organization, and the US Environmental Protection Agency all now recognize that there are no negative health effects related to the presence of heterotrophic bacteria in drinking water. The heterotrophic plate count (HPC) test is still conducted on samples as high increases of heterotrophic bacteria is correlated to changes in distribution system water quality. Health Canada recently replaced their document *Guidance on the Use of Heterotrophic Plate Counts in Canadian Drinking Water Supplies* with *Monitoring the Biological Stability of Drinking Water in Distribution Systems* (2022) due to the water industry shifting away from HPC due to the limitations and reliability of this test.

Metro Vancouver continues to test the City's water using HPC and these results, along with all of the monitoring results for each sampling site, are provided in Appendix D.

Physical Parameters

In relation to both physical and chemical parameters, the *WQMRP* has requirements regarding the frequency of testing while the *GCDWQ* states maximum acceptable concentrations and aesthetic objectives. The requirements of these two regulations are shown in the following table:

Table 5: WQMRP and GCDWQ Requirements regarding Physical and Chemical Parameters.

Parameter	Maximum Acceptable Concentration	Aesthetic Objective	Minimum Frequency
Free Chlorine Residual	Min: 0.2 mg/L		With every bacteriological sample
Copper		< 1.0 mg/L	Semi-Annually
Haloacetic Acid (HAA)	< 80 ppb		Quarterly
Iron		≤ 0.3 mg/L	Semi-Annually
Lead	0.005 mg/L		Semi-Annually
Odour		Inoffensive	Complaint Basis
pH		7.0-10.5	Semi-Annually
Taste		Inoffensive	Complaint Basis
Temperature		<15°C	With every bacteriological sample
Trihalomethane (THM)	100 ppb		Quarterly
Turbidity		< 1.0 NTU	With every bacteriological sample
Vinyl Chloride	0.002 mg/L		Semi-Annually
Zinc		≤ 5.0 mg/L	Semi-Annually

As *Table 5* shows, physical and chemical parameters are required by Metro Vancouver to be tested on various minimum frequencies. The following physical parameters–temperature and turbidity–are measured on a weekly basis.

Temperature

The *GCDWQ* states that "temperature indirectly affects health and aesthetics through impacts on disinfection, corrosion control and formation of biofilms in the distribution system." The guideline suggests that an aesthetic objective of drinking water temperature is less than 15°C, as temperatures higher than this can affect aesthetic qualities such as taste, odour and colour.

The City's average drinking water temperature throughout the year was 10.9°C in 2022, except for the summer season (June 21 to September 21) where the average drinking water temperature rose to 15.4°C. All of the 2022 monitoring results relating to temperature are provided in Appendix D.

Turbidity

Turbidity is the measure of suspended particles in water that result from silt, clay or organic material. Suspended particles can entrap microorganisms, heavy metals of biocides, protecting them from disinfection. The *GCDWQ* recommends that water distribution systems contain less than 1.0 NTU (Nephelometric Turbidity Units).

The City recorded 17 samples (less than 1%) that were higher than 1.0 NTU throughout the year. The cause of turbidity within the City's distribution system is often a result of flushing, valve exercising, hydrant use/maintenance, or may be a result of turbidity from the water source. Issues relating to turbidity are usually solved with continuous flushing in the problematic area. All of the 2022 monitoring results relating to turbidity are provided in Appendix D.

Chemical Parameters

Chemical parameters are measured on variable minimum frequencies, as was shown in *Table 5*. Free chlorine residuals are measured on a weekly basis, while disinfection byproducts are tested quarterly, and metals, vinyl chloride and pH are tested semi-annually.

Free Chlorine Residuals

Metro Vancouver adds chlorine as a secondary disinfectant at their treatment plants in order to control the re-growth of bacteria throughout the distribution system. The *GCDWQ* does not specify a maximum guideline value of chlorine as there is low toxicity at concentrations found in drinking water. The *GCDWQ* states that a free chlorine residual of 0.2 mg/L is considered a minimum level for the control of bacterial regrowth in a distribution system.

Table 5 shows the total number of samples collected from each sampling station, the number of samples with at least 0.2 mg/L of free chlorine, and the number of samples with less than 0.2 mg/L of free chlorine in 2022.

Table 6: 2022 Chlorine Residuals

Sample Station	Number of Samples	Samples with $Cl_2 \geq 0.2$ mg/L	Samples with $Cl_2 < 0.2$ mg/L	Samples with $Cl_2 \geq 0.2$ mg/L (%)	Samples with $Cl_2 < 0.2$ mg/L (%)
COQ-531	99	91	8	92%	8%
COQ-532	48	15	33	31%	69%
COQ-533	60	59	1	98%	2%
COQ-534	68	68	0	100%	0%
COQ-535	66	61	5	92%	8%
COQ-536	56	51	5	91%	9%
COQ-537	72	66	6	92%	8%
COQ-538	69	66	3	96%	4%
COQ-539	68	58	10	85%	15%
COQ-541	73	53	20	73%	27%
COQ-542	77	69	8	90%	10%
COQ-543	73	50	23	68%	32%
COQ-544	71	66	5	93%	7%
COQ-545	49	22	27	45%	55%
COQ-546	87	87	0	100%	0%
COQ-547	51	49	2	96%	4%
COQ-548	71	66	5	93%	7%
COQ-549	48	48	0	100%	0%
COQ-600	68	66	2	97%	3%
COQ-601	58	50	8	86%	14%
COQ-603	63	63	0	100%	0%
COQ-605	44	44	0	100%	0%
COQ-606	65	65	0	100%	0%
COQ-607	60	60	0	100%	0%
COQ-608	46	42	4	91%	9%
COQ-610	84	82	2	98%	2%
COQ-611	64	63	1	98%	2%
COQ-612	51	17	34	33%	67%
COQ-613	47	45	2	96%	4%
COQ-614	66	63	3	95%	5%
Grand Total:	**1922**	**1705**	**217**	**89%**	**11%**

As *Table 6* shows, 89% of the samples recorded in 2022 achieved the minimum concentration of 0.2mg/L of free chlorine. A map of the chlorine test results amongst all of the sampling stations is shown in the following figure.

Coquitlam

Figure 3: 2022 Free Chlorine Residuals

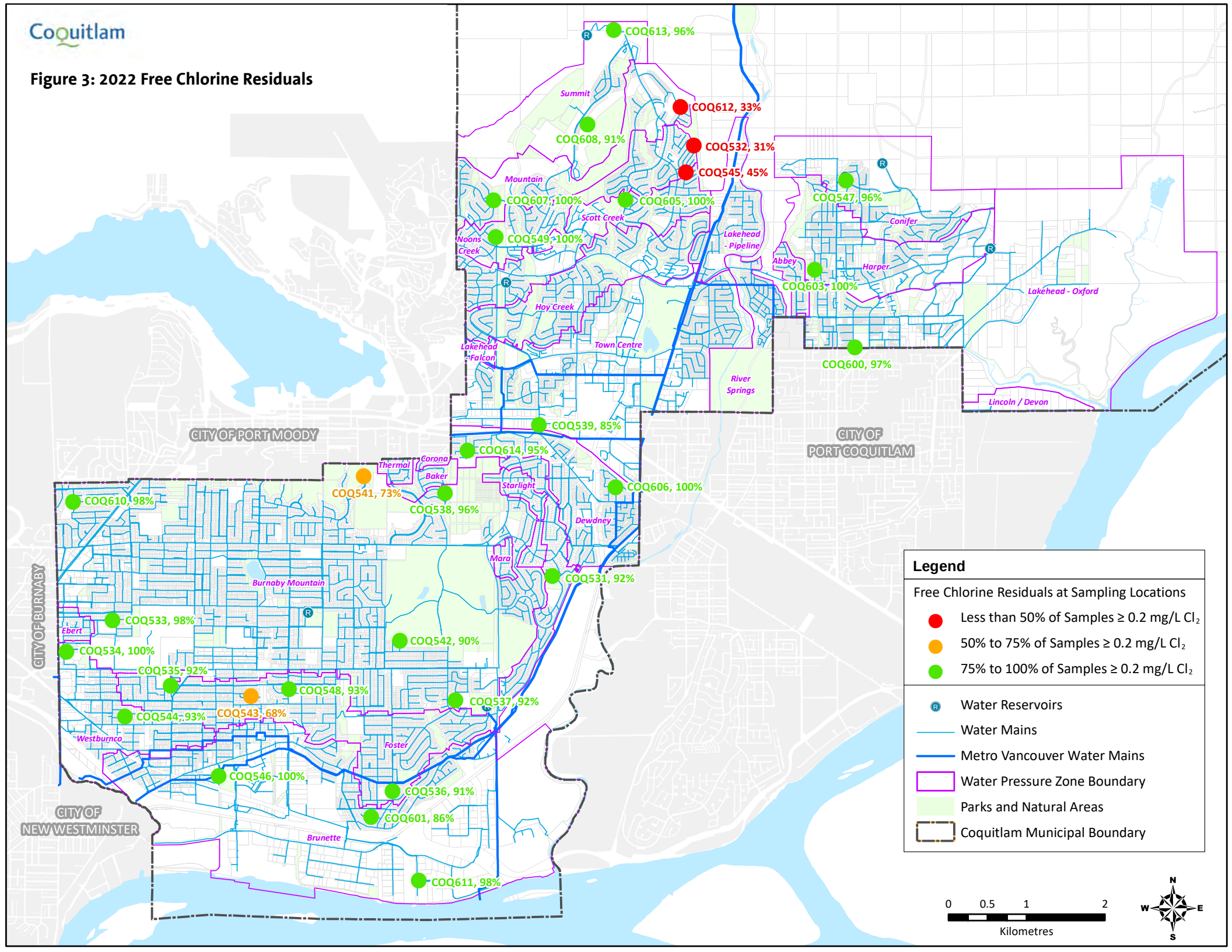


Figure 3 shows that the majority of the City's sampling stations had adequate levels of free chlorine residuals present.

Stations COQ532, COQ545 and COQ612 experienced chlorine residual levels below 0.2 mg/L in over 50% of samples taken, although the amount of chlorine has improved from previous years. These three stations reside in areas that see little demand for water as they are located on low-flow or dead-end water mains; despite the low amount of free-chlorine, bacteria re-growth was not observed at any of these stations. The level of chlorination in this zone is controlled with rechlorination stations that are carefully monitored to ensure adequate chlorine residual while keep disinfection by-products at acceptable levels as high levels of chlorine in this area have contributed to resulting disinfection by-products in the past.

Station COQ543 historically straddles the line of 50% of samples having greater than 0.2 mg/L due to this sampling location being at a dead end of a lengthy water main. However, 2022 results are indicating an improvement to 68% as the City continues to monitor closely and flush lines when necessary.

Station COQ541 indicates 73% of samples taken had at least 0.2 mg/L of free chlorine. This is primarily due to the sample station being on one of the longest dead-end water mains within the City. The City has recently installed an automatic water main flushing system in this location. This innovative system allows automated scheduled flushing to occur that can be set by a timer, which allows for water to circulate more frequent at dead-end mains. In addition, the City replaced the water main on Fresno Place to help maintain an adequate chlorine residual.

The City is continuously reviewing development opportunities in order to loop water mains and reduce dead-end mains. Adding new technology such as the automatic water main flushing system will also assist with water circulation for dead-ends. In the meantime the City will continue monitoring chlorine residuals to control and minimize the re-growth of bacteria.

Haloacetic Acids

HAAs are potentially carcinogenic by-products of chlorine disinfection within a water distribution system and comprise of dibromoacetic acid, dichloroacetic acid, monobromoacetic acid, monochloroacetic acid, and trichloroacetic acid. The *GCDWQ* states that 80 ppb is the maximum acceptable concentration of HAAs based on a locational annual running average of samples taken. The 2022 results of HAAs are shown in the following table.

Table 7: 2022 HAA Test Results

Sample Station	Date Sampled	HAA (ppb)						
		Dibromoacetic Acid	Dichloroacetic Acid	Monobromoacetic Acid	Monochloroacetic Acid	Trichloroacetic Acid	Total Haloacetic Acid	Total HAA Quarterly Average (Guideline Limit 80 ppb)
COQ541	15-Feb-22	<0.5	5.9	<5.0	<5.0	6.4	12	12
COQ541	11-May-22	<0.5	8.7	<0.5	1.1	7.2	17	15
COQ541	24-Aug-22	<0.5	1.6	<0.5	<5.0	13	16	14
COQ541	14-Nov-22	<0.5	2.6	<0.5	<0.5	7.2	9.8	14
COQ543	15-Feb-22	<0.5	5.7	<0.5	<5.0	8.7	14	23
COQ543	11-May-22	<0.5	5.6	<0.5	0.8	9.2	16	21
COQ543	25-Aug-22	<0.5	1.7	<0.5	<5.0	19	20	17
COQ543	17-Nov-22	<0.5	1.5	<0.5	<0.5	6.1	7.5	14
COQ544	15-Feb-22	<0.5	8.8	<0.5	0.7	6.7	16	25
COQ544	11-May-22	<0.5	9.2	<0.5	<0.5	6.4	16	18
COQ544	25-Aug-22	<0.5	12	<0.5	<5.0	22	35	21
COQ544	17-Nov-22	<0.5	3.2	<0.5	<0.5	5.8	9	19
COQ600	14-Feb-22	<0.5	8.4	<5.0	<5.0	9.5	18	19
COQ600	9-May-22	<0.5	8.9	<0.5	1.3	11	21	18
COQ600	25-Aug-22	<0.5	11	<0.5	<5.0	12	22	18
COQ600	17-Nov-22	n/a	n/a	n/a	n/a	n/a	n/a	n/a
COQ601	15-Feb-22	<0.5	9.8	<0.5	<0.5	19	28	27
COQ601	11-May-22	<0.5	8.1	<0.5	1	21	30	28
COQ601	25-Aug-22	<0.5	8.1	<0.5	<5.0	13	22	25
COQ601	17-Nov-22	<0.5	2.2	<0.5	<5.0	12	14	24
COQ613	17-Feb-22	<0.5	18	<0.5	<0.5	40	58	50
COQ613	12-May-22	<0.5	7.8	<0.5	1.1	41	49	49
COQ613	25-Aug-22	<0.5	7	<0.5	<5.0	29	36	50
COQ613	17-Nov-22	<0.5	2.6	<0.5	0.8	29	32	44

As Table 7 shows, none of the samples exceeded the 80 ppb limit for HAAs. It should be noted that the sampling station COQ600 was out of service November 17th, but results

from the first quarter of 2023 show that the HAA levels are within the recommended limits.

Trihalomethanes

THMs are another potentially carcinogenic by-product of chlorine disinfection and also stem from industrial effluents. THMs refer to the total of bromodichloromethane, bromoform, chlorodibromomethane, and chloroform. The *GCDWQ* states that the running annual average total THM concentration should not exceed 100 parts per billion (ppb). In addition to concentration of bromodichlorimethane should not exceed 16 ppb. The 2022 results of THMs are shown in the following table.

Table 8: 2022 THM Test Result

Sample Station	Date Sampled	THM (ppb)					
		Bromodichloromethane	Bromoform	Chlorodibromomethane	Chloroform	Total Trihalomethanes	Total THM Quarterly Average (Guideline Limit 100 ppb)
COQ541	15-Feb-22	<1	<1	<1	23	24	35
COQ541	11-May-22	1	<1	<1	36	38	35
COQ541	24-Aug-22	<1	<1	<1	36	36	33
COQ541	14-Nov-22	1	<1	<1	27	28	32
COQ543	15-Feb-22	<1	<1	<1	25	27	37
COQ543	11-May-22	<1	<1	<1	35	36	38
COQ543	25-Aug-22	<1	<1	<1	44	44	34
COQ543	17-Nov-22	2	<1	<1	33	36	36
COQ544	15-Feb-22	<1	<1	<1	22	23	32
COQ544	11-May-22	<1	<1	<1	23	26	30
COQ544	25-Aug-22	<1	<1	<1	44	44	28
COQ544	17-Nov-22	2	<1	<1	31	34	32
COQ600	14-Feb-22	<1	<1	<1	24	26	23
COQ600	9-May-22	<1	<1	<1	19	20	22
COQ600	25-Aug-22	<1	<1	<1	26	26	22
COQ600	17-Nov-22	n/a	n/a	n/a	n/a	n/a	n/a
COQ601	15-Feb-22	<1	<1	<1	32	34	29
COQ601	11-May-22	<1	<1	<1	32	35	32
COQ601	25-Aug-22	<1	<1	<1	34	34	31
COQ601	17-Nov-22	2	<1	<1	29	31	34
COQ613	17-Feb-22	1	<1	<1	40	42	50
COQ613	12-May-22	1	<1	<1	44	46	50
COQ613	25-Aug-22	<1	<1	<1	52	52	46
COQ613	17-Nov-22	2	<1	<1	50	53	48

As *Table 8* shows, none of the samples exceeded the 100 ppb limit for HAAs and bromodichlorimethane never exceeded the 16 ppb limit. It should be noted that the

sampling station COQ600 was out of service November 17th, but results from the first quarter of 2023 show that the THM levels are within the recommended limits.

Metals

Table 9 provides the current guidelines for metals in drinking water as established in the *GCDWQ*.

Table 9: GCDWQ Standards for Metals in Drinking Water

Parameter	Limit (µg/L)	Reason Guideline Established
Aluminum Total	2900	Health
Antimony Total	6	Health
Arsenic Total	10 (ALARA)	Health
Barium Total	2000	Health
Boron Total	5000	Health
Cadmium Total	7	Health
Calcium Total	none	
Chromium Total	50	Health
Cobalt Total	none	
Copper Total	2000	Health
Iron Total	≤ 300	Aesthetic
Lead Total	5 (ALARA)	Health
Magnesium Total	none	
Manganese Total	120	Health
Mercury Total	1.0	Health
Molybdenum Total	none	
Nickel Total	none	
Potassium Total	none	
Selenium Total	50	Health
Silver Total	none	
Sodium Total	≤ 200,000	Aesthetic
Zinc Total	≤ 5000	Aesthetic

*ALARA= As Low As Reasonably Achievable

The guidelines that are showed in *Table 9* were all achieved within the City's drinking water system, which is shown in *Table 10*.

Table 10: 2022 Testing Results for Metals

Station:		COQ-533		COQ-536		COQ-538		COQ-541		COQ-544	
Sample Date:		6-May	10-Nov	6-May	10-Nov	5-May	10-Nov	2-May	10-Nov	6-May	10-Nov
Total Metals (µg/L)	Aluminum	30	50	35	42	39	39	36	39	37	44
	Antimony	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Arsenic	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Barium	2.3	3.5	2.4	3.3	4	4.5	2.9	3.6	3.3	3.8
	Boron	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
	Cadmium	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
	Calcium	8190	8660	8480	8600	8780	8460	8300	8470	8350	8400
	Chromium	<0.05	0.10	<0.05	0.09	<0.05	0.08	0.07	0.08	<0.05	0.07
	Cobalt	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Copper	0.8	0.7	2.8	2.2	2.2	3.0	<0.5	1.1	6.7	7.2
	Iron	6	47	7	7	7	16	38	26	31	18
	Lead	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Magnesium	204	220	189	209	191	213	198	215	196	212
	Manganese	2.6	19.6	4.2	7.0	1.8	6.9	1.8	7.1	2.2	7.1
	Mercury	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Molybdenum	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Nickel	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Potassium	162	232	155	227	158	232	393	254	155	227
	Selenium	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Silver	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Sodium	1490	1830	1530	1830	1600	1820	1680	1830	1520	1830
	Zinc	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0

These results indicate that the drinking water supplied throughout Coquitlam in 2022 complied with all of the metal standards.

Vinyl Chloride

Vinyl chloride is a carcinogenic compound that enters drinking water systems via industrial effluents and leaching from polyvinyl chloride (PVC) pipes. According to the *GCDWQ*, the maximum acceptable limit for vinyl chloride is 2 µg/L. A total of six samples were taken from three sampling locations throughout the City where the distribution system in the area is predominantly PVC pipes. The results of these samples are shown in the following table.

Table 11: 2022 Vinyl Chloride Results

Sample Station	Location	Sample Date	Vinyl Chloride (µg/L)
COQ532	Mallard Ct. (Mallard & Tanger)	5/18/2022 12:35	<1
		12/10/2022 9:11	<1
COQ600	Victoria Dr. & Toronto St.	5/16/2022 8:06	<1
		12/15/2022 8:22	<1
COQ613	Eagle Summit Reservoir, Gate	5/18/2022 12:05	<1
		12/10/2022 8:44	<1

As shown in *Table 11*, vinyl chloride was not detected in significant concentrations in any of the City water samples.

pH

pH is an important measurement in water distribution systems to control corrosion and reduce leaching from pipes and plumbing components. The operational guideline for pH is 7.0 to 10.5. Test results for 2022 are provided in *Table 12*.

Table 12: 2022 pH Results

Sample Station	Location	Sample Date	pH
COQ544	721 Pembroke Ave.	2/15/2022 9:06	7.9
		5/11/2022 8:30	7.9
		8/25/2022 11:58	7.9
		11/17/2022 3:20	7.9
COQ601	2085 Concord Ave.	2/15/2022 11:12	7.8
		5/11/2022 10:28	7.7
		8/25/2022 12:41	7.8
		11/17/2022 12:44	7.7
COQ613	Eagle Summit Reservoir, Gate	2/17/2022 8:21	8
		5/12/2022 8:38	7.8
		8/25/2022 8:00	5.7

The pH reading for COQ-613 on August 25th is believed to be a data-reporting error, as the following reading in January 2023 recorded a pH of 7.8. Aside from this reading, all of the pH values are within the operational guidelines.

Customer Complaints

The City received 58 documented complaints regarding water quality in 2022; 39 for discoloured water and 19 for taste and/or smell. The majority of these problems are resolved by homeowners running their taps for 1 to 3 hours. Other complaints are usually related to odours which may be due to elevated chlorine levels. When odour is described as skunky or sulfurous, stagnant water in hot water tanks or in the service line may be the source.

The City's response to complaints varies with the nature and extent of the problem. Persistent turbidity problems related to the City distribution system are usually resolved with City crews purging turbid water from the system by flushing.

The City responds to odour, taste or other customer specific complaints by conducting a site visit. Normally the problem is related to a specific issue within the business or residence. Sampling of water from the residence is done at the discretion of the attending staff member in order to eliminate the possibility that the suspected quality concern is related to the municipal supply.

Emergency Response Plan

The City water utility is included in the *Public Works Response Plan and Division Operation Centre Guidelines.* The plan can be viewed on the City's website: https://www.coquitlam.ca/DocumentCenter/View/447/Public-Works-Response-Plan-and-Division-Operation-Centre-Guidelines

System Improvements

In 2022 the City invested approximately $3.8 million to replace small and medium diameter aged water mains. The City continued its practice of replacing old water services in conjunction with road paving projects, and as a condition of development approvals.

System Maintenance

The City continued with the tri-annual reservoir cleaning program, cleaning the Hoy Creek reservoir in 2022. Additionally, over 93km of water mains were flushed in 2022.

Appendix A

Heath Link BC Bulletin #56 – Preventing Water-Borne Infections For People with weakened Immune Systems

Number 56
January 2017

Preventing Water-Borne Infections For People with Weakened Immune Systems

Who is at higher risk from water-borne infections?

People with very weak immune systems who are at higher risk of certain water-borne diseases include those with:

- HIV infection who have a CD4+ count of less than 100 cells/mm^3;
- lymphoma or leukemia (hematological malignancies) who are being actively treated or have been in remission and off treatment for less than 1 year;
- hematopoietic stem cell transplant recipients; and
- people born with diseases that severely affect their immune systems.

Some people with weakened immune systems, such as those with certain types of cancers or taking certain medications, may not be at higher risk of severe water-borne diseases. These people do not need to take extra precautions with their drinking water.

Ask your doctor or nurse practioner how weak your immune system is, and whether you need to take extra precautions.

How can drinking water become contaminated?

Drinking water can contain different organisms, including bacteria, viruses and parasites, which can cause disease. These organisms can exist in the source water, such as lake water, and survive through treatment, or they can enter the water supply in the distribution system.

Well water can be contaminated if the well is located or constructed in a way that the groundwater it draws from is at risk of containing pathogens (germs) such as a shallow well or a well drilled in fractured rock.

Surface water, such as rivers, lakes and streams, can also contain disease-causing organisms from animal feces.

If you have a weak immune system, you should not drink water from surface sources or groundwater at risk of containing pathogens, unless the water has been treated to remove or inactivate at least 99.9 per cent of parasites (protozoa), 99.99 per cent of viruses and all harmful bacteria.

Most community water systems in B.C. have effective treatment, such as disinfection or chlorination, against bacteria and viruses. However, in many cases, treatment may not provide a 99.9 per cent reduction in infectious parasites. Some water systems and many private supplies have no treatment at all. If the water you drink has not been disinfected, please refer to HealthLinkBC File #49b Disinfecting Drinking Water.

How can I further treat disinfected water?

People with very weak immune systems should consult with their doctor or nurse practitioner and may need to take extra precautions with their drinking water.

Boiling: If your water supply has already been disinfected, bring the water to a full boil to inactivate any *Cryptosporidium* parasites - a major concern for people with weakened

immune systems. For more information, see HealthLinkBC File #48 *Cryptosporidium* Infection.

If the water has not already been disinfected, bring the water to a full boil for at least 1 minute. This will kill or inactivate bacteria, viruses and parasites. At elevations over 2,000 meters (6,500 feet), boil water for at least 2 minutes to disinfect it.

Do not drink or use tap water to brush your teeth, rinse your mouth, mix drinks or make ice cubes without boiling it first.

Please note that boiling water will get rid of viruses, bacteria and parasites but not chemicals which may be found in the water.

Reverse Osmosis (RO): RO is effective against all disease-causing organisms and many chemical contaminants. Unless it has a high capacity, it will only produce small amounts of water and waste a large volume. Speak to a water treatment specialist to see if this is the best option for you.

Ultraviolet (UV) Treatment: UV light will kill many disease-causing organisms, and is effective against almost all parasites. UV will not kill some bacterial spores and some viruses, so it should not be used unless the water supply is at least disinfected. UV treatment units should meet NSF Standard #55A.

Filters: Filters do not remove bacteria and viruses and should not be used unless the water supply is disinfected first.

If you plan to install a drinking water filter in your home, you will need a system labeled as Absolute 1 micron or smaller, and labeled as meeting ANSI/NSF International Standard #53 for removal of parasites.

Jug-type filters, such as a Brita®, which sit in a jug and allow water to trickle through, and some tap-mounted and built-in devices are not an appropriate solution. The jug filter models are not effective in removing many disease-causing organisms.

Can I drink bottled water?

Bottled water in B.C. may or may not have been treated. If you have a very weak immune system, check with the bottling company to find out what treatment, if any, it has had. Bottled water that has been properly treated using one of the methods listed above can be used for drinking, brushing teeth, making ice cubes and for recipes where water is used but not boiled, such as cold soups.

For More Information

For more information, including the level of treatment in your local water system, contact your drinking water purveyor or supplier, or the local environmental health officer or drinking water officer. To find your health authority's drinking water contact visit www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-quality/drinking-water-quality/health-authority-contacts.

For more information about water-borne infections and how to safely disinfect your drinking water, see the following HealthLinkBC Files:

- HealthLinkBC File #49a Water-borne Infections in British Columbia
- HealthLinkBC File #49b Disinfecting Drinking Water
- HealthLinkBC File #69b Feeding Your Baby Formula: Safely Making and Storing Formula

Appendix B

Fraser Health – Metals in Drinking Water – "Flush" Message in Annual Reports (2020)

fraserhealth Better health. Best in health care.

May 20, 2020

Water System Operators

Re: Metals in Drinking Water – "Flush" Message in Annual Reports

Fraser Health has recently revised its metals at the tap "Flush" message and we are asking all water systems to please include the following health message with your next annual reports to your users.

Anytime the water in a particular faucet has not been used for six hours or longer, "flush" your cold-water pipes by running the water until you notice a change in temperature. (This could take as little as five to thirty seconds if there has been recent heavy water use such as showering or toilet flushing. Otherwise, it could take two minutes or longer.) The more time water has been sitting in your home's pipes, the more lead it may contain.

Use only water from the cold-tap for drinking, cooking, and especially making baby formula. Hot water is likely to contain higher levels of lead.

The two actions recommended above are very important to the health of your family. They will probably be effective in reducing lead levels because most of the lead in household water usually comes from the plumbing in your house, not from the local water supply.

Conserving water is still important. Rather than just running the water down the drain you could use the water for things such as watering your plants.

If you have any questions, please contact our Drinking Water Program at 604-870-7903.

Sincerely,

Blair Choquette
Health Protection Manager
Drinking Water Program

Fraser Health Authority
Health Protection

Suite 400 2777 Gladwin Rd
Abbotsford BC
V2T 4V1 Canada

Tel (604) 870-7900
Fax (604) 852-1558
www.fraserhealth.ca

Appendix C

Greater Vancouver Water District 2022 Water Quality Annual Report – Volume I

metrovancouver

Greater Vancouver Water District

2022 Water Quality Annual Report

Volume 1 of 2

March 2023

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Volume 2 of 2 (58776443)
(under separate cover)

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ACRONYMS

ACU	Apparent Colour Unit
ALARA	As Low As Reasonably Achievable
AO	Aesthetic Objective (characteristics such as taste, colour, appearance, temperature that are not health related)
BTEX	Benzene, Ethylbenzene, Toluene, Xylene
CALA	Canadian Association for Laboratory Accreditation
CO_2	Carbon Dioxide
CWTP	Coquitlam Water Treatment Plant
DBP	Disinfection By-product
DWTO	*Drinking Water Treatment Objectives (Microbiological) for Surface Water Supplies in British Columbia*
E. coli	*Escherichia coli*
GCDWQ	*Guidelines for Canadian Drinking Water Quality*
GVWD	Greater Vancouver Water District
HAA	Haloacetic Acid
HPC	Heterotrophic Plate Count
IFE	Individual Filter Effluent
MAC	Maximum Acceptable Concentration
mg/L	Milligram per litre (0.001 g/L)
µg/L	Microgram per litre (0.000001 g/L)
mL	Milliliter
MF	Membrane Filtration
mJ/cm^2	Millijoule per centimeter squared
MPN	Most Probable Number
N/A	Not Applicable
NTU	Nephelometric Turbidity Unit
PAH	Polycyclic Aromatic Hydrocarbons
PFOA	Perfluorooactanoic Acid
PFOS	Perfluorooctane Sulfonate
pH	Measure of acidity or basicity of water; pH 7 is neutral
SCFP	Seymour Capilano Filtration Plant
THAA	Total Haloacetic Acids
THM	Trihalomethane
TSI	Trophic State Index
TTHM	Total Trihalomethanes
UV_{254}	Ultraviolet Absorbance at 254 nm
VOC	Volatile Organic Compounds
WQMRP	*Water Quality Monitoring and Reporting Plan for Metro Vancouver (GVWD) and Local Government Members*

EXECUTIVE SUMMARY

Source Water Quality

- In 2022, the turbidity levels of the delivered water met the requirements of the *Guidelines for Canadian Drinking Water Quality* (GCDWQ).
- The Capilano supply was in service for the entire year. Heavy rainfall events in January resulted in Capilano source water turbidity peaking just over 6.5 Nephelometric Turbidity Unit (NTU). Even with the higher turbidity, the delivered filtered Capilano water was less than 0.15 NTU as measured by online instruments for the entire year.
- The Seymour supply was in service for the entire year. Heavy rainfall events in late December resulted in Seymour source water turbidity peaking at 5.4 NTU. The delivered filtered Seymour water was less than 0.15 NTU as measured by online instruments for the entire year.
- The Coquitlam supply was in service for the entire year. The unfiltered Coquitlam source water was greater than 1.0 NTU for 10 days in 2022 and did not exceed 5.0 NTU throughout the year in accordance with Greater Vancouver Water District's (GVWD) Permit to Operate.
- The microbiological quality of the three source waters was excellent in 2022. The levels of bacteria and protozoa detected were low and indicative of high quality source water.
- Coquitlam source water quality met the bacteriological requirements for avoiding filtration outlined in the turbidity section of the GCDWQ.
- Analytical results of the source water for herbicides, pesticides, volatile organic compounds and radionuclides were all found to be below the recommended limits as listed in the GCDWQ.

Water Treatment

- The Seymour Capilano Filtration Plant (SCFP) performance, as measured by the quality of the delivered water, was excellent in 2022. The daily average turbidity of water leaving the Clearwells to enter the GVWD transmission system was an average of 0.15 NTU in 2022.
- Turbidity levels for Individual Filter Effluent (IFE) met the turbidity requirements of the GCDWQ.
- Filtration consistently removed iron, colour and organics from the Capilano and Seymour source waters.
- Levels of total aluminum in filtered water were consistently below the GCDWQ operational guideline value of 0.1 mg/L for direct filtration plants using aluminum-based coagulants. The maximum value for 2022 was 0.055mg/L.
- There were no outages of ultraviolet treatment at the SCFP and the Coquitlam Water Treatment Plant (CWTP).
- The SCFP and CWTP operated the full year using sodium hypochlorite for chlorination.
- The secondary disinfection stations boosted chlorine when required.

Transmission/Distribution System Water Quality

- Bacteriological water quality was excellent in the GVWD transmission mains and in-system storage reservoirs. The number of *E. coli* detected in both GVWD and member jurisdiction drinking water samples is typically very low. More than 28,700 samples were collected and analyzed for GVWD and member jurisdiction systems in 2022, of which one sample was positive for *E. coli*.
- The running average levels of the Trihalomethane (THM) group of chlorine disinfection by-products detected in the delivered water in the GVWD and member jurisdiction systems were below the Maximum Acceptable Concentration (MAC) in the GCDWQ of 100 µg/L (0.1 mg/L). The running average levels for the Haloacetic Acid (HAA) group of chlorine disinfection by-products were below the GCDWQ Maximum Acceptable Concentration (MAC) of 80 µg/L (0.08 mg/L).

1.0 SOURCE WATER QUALITY

The first barrier in place to protect the quality of the drinking water supply is the protection of the Water Supply Area to ensure the best quality source water. Source water monitoring provides ongoing confirmation that the barrier is effective, identifies seasonal changes and provides the monitoring information necessary to adjust the level of water treatment that is in place. Regular monitoring of the water sources is a requirement of the *Water Quality Monitoring and Reporting Plan for Metro Vancouver (GVWD) and Local Government Members (WQMRP)*. Refer to Appendix A for details regarding the water sampling frequency.

1.1. Bacteriological Quality of the Source Water

The bacteriological quality of the source water is an important indicator of the degree of contamination, and the treatment required to ensure a safe water supply. *The Drinking Water Treatment Objectives (Microbiological) for Surface Water Supplies in British Columbia* (DWTO) Section 4.3 states *"The number of E. coli in raw water does not exceed 20/100 mL (or if E. coli data are not available less than 100/100 mL of total coliform) in at least 90% of the weekly samples from the previous six months. Treatment target for all water systems is to contain no detectable E. coli or fecal coliform per 100 mL."*

Table 1 summarizes *E. coli* data for all three GVWD water supply sources. The levels of *E. coli* for all three sources were below the 10% limit in the provincial DWTO.

	Percent of samples (daily) in a six month period ending on the last day of the month named where *E. coli* greater than 20/100 mL		
Month	**Capilano**	**Seymour**	**Coquitlam**
Jan	3.8%	7.7%	3.8%
Feb	3.9%	7.8%	3.9%
Mar	0.0%	3.3%	0.6%
Apr	0.0%	0.0%	0.0%
May	0.0%	0.0%	0.0%
Jun	0.0%	0.0%	0.0%
Jul	0.0%	0.0%	0.0%
Aug	0.0%	0.0%	0.0%
Sep	0.0%	0.0%	0.0%
Oct	2.2%	1.6%	1.1%
Nov	3.3%	4.4%	1.1%
Dec	3.3%	4.5%	1.1%

Table 1: Percent of Samples in Six Continual Months with E. coli/100 mL Exceeding 20

Figure 1 shows the results of the analysis of the source water from 2019 to 2022 at all three intakes compared to the limits for source water bacterial levels in the DWTO. As in previous years, all three sources met the limit of not more than 10% exceeding 20 *E. coli*/100 mL. Also, as is typical, samples collected at the intakes in the Fall and Winter had the highest *E. coli* levels. Typically, *E. coli* can be traced back to high flow levels at the main tributaries of the supply lakes and a first flush phenomenon after a period of dry weather.

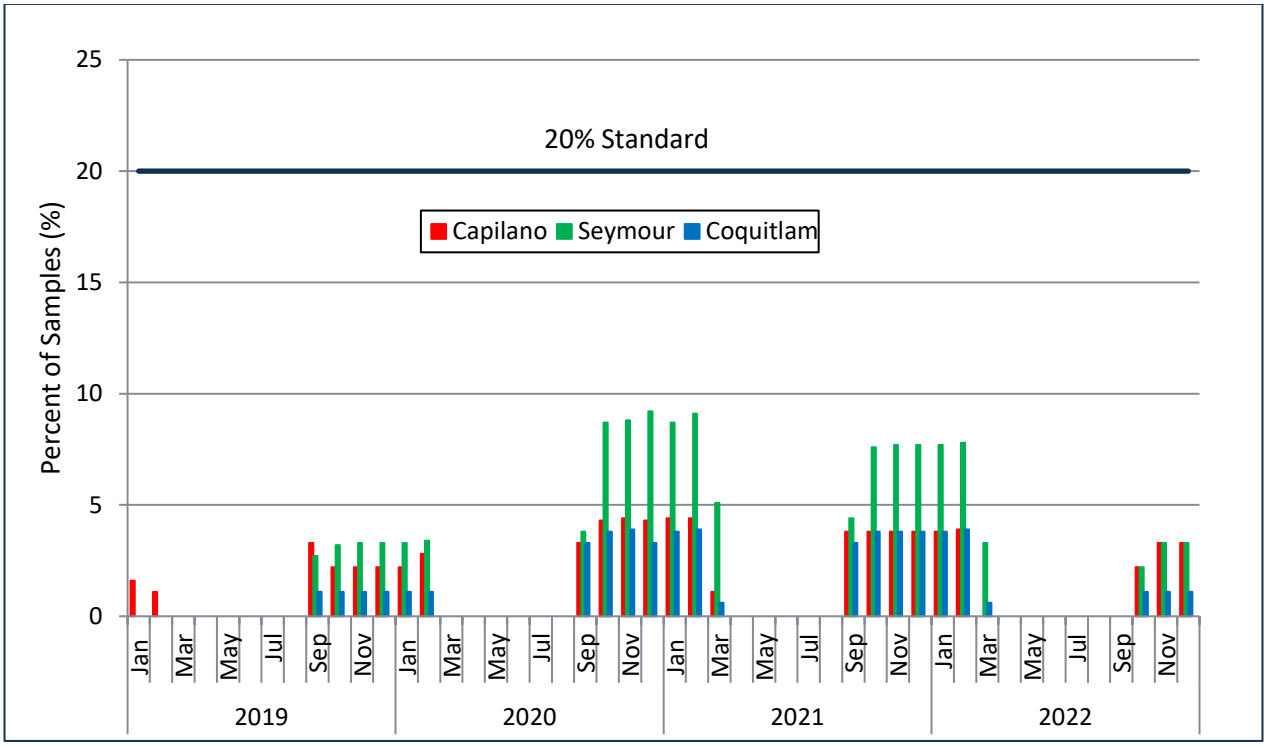


Figure 1: Percent of Samples Exceeding 20 E. coli/100 mL at all Three Sources (2019 to 2022)

Note: Metro Vancouver has protected Water Supply Areas and therefore the source of *E. coli* is most likely originating from endemic animals in the Water Supply Areas. Samples in summer have minimal *E. coli* and no detectable amounts for some sources.

1.2. Source Water Monitoring for *Giardia* and *Cryptosporidium*

Unfiltered surface water supplies have the potential of containing the protozoan pathogens *Giardia* and *Cryptosporidium*. Outbreaks of *Giardiasis* occurred in a number of locations in BC and Washington State in the late 1980s, and Metro Vancouver has been monitoring raw water for *Giardia* since 1987. Since 1992, Metro Vancouver has participated in a program with the Environmental Microbiology Laboratory of the BC Centre of Disease Control Public Health Laboratory, to gather more information about the number and nature of cysts found in the GVWD water supplies. The program has involved collecting samples from the Capilano and Coquitlam supplies upstream of disinfection; beginning in July 2022 Metro Vancouver increased monitoring to include Seymour source prior to treatment. This is in addition to the existing monitoring of recycled water at the SCFP.

At the SCFP, monitoring for *Giardia* and *Cryptosporidium* has focused on the recycled water returning to the head of the plant and this monitoring has confirmed that the procedures in place effectively control the levels of *Giardia* and *Cryptosporidium* in the recycled wash water from the filters.

Complete results of the 2022 testing program are contained in the "Metro Vancouver Detection of Waterborne *Cryptosporidium* and *Giardia* January - December, 2022 Annual Report", which was prepared by the BCCDC PHL Environmental Microbiology Laboratory, and can be found in Appendix D. Two of twelve (17%) samples collected at Capilano and one of the twelve (8%) collected at Coquitlam were positive for *Giardia* (Table 2).

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Capilano	50	18	18	50	58	33	33	33	25	17
Seymour	-	-	-	-	-	-	-	-	-	0
Coquitlam	23	8	0	17	67	8	25	25	25	8

Table 2: Percent of Samples Positive for Giardia

Zero of twelve (0%) samples collected at Capilano were positive for *Cryptosporidium*, and zero of twelve (0%) were positive at Coquitlam (Table 3). Collection of *Giardia* and *Cryptosporidium* samples from the Seymour source as initiated in August 2022. The percentages for Seymour shown on Tables 2 and 3 are for only 5 months compared to the Capilano and Coquitlam sources, which are based on 12 months.

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Capilano	9	9	9	25	17	8	0	0	0	0
Seymour	-	-	-	-	-	-	-	-	-	0
Coquitlam	9	0	0	0	0	0	0	0	0	0

Table 3: Percent of Samples Positive of Cryptosporidium

Year to year fluctuations are demonstrated for *Giardia* and *Cryptosporidium* and there has always been considerable variation in the results.

1.3. Turbidity

As shown in Figure 2, GVWD water sources have been susceptible to turbidity events due to high runoff from storms, which can cause slides and stream scouring in the Water Supply Areas, or from re-suspension of sediment from the edges of the lakes during periods of low water levels. The DWTO allows a utility to be exempt from filtration if the turbidity does not exceed specific water quality parameters requirements and provided that a number of other provisions, including source water protection, and two forms of water treatment requirements are in place. Historically the turbidity levels on both the Capilano and Seymour sources would not meet these criteria, and filtration was implemented for both supplies.

Section 4.4 of the DWTO (Version 1.2, November 2012) contains the following provision for filtration exemption:

"For nonfiltered surface water to be acceptable as a drinking water source supply, average daily turbidity levels should be established through sampling at equal intervals (at least every four hours) immediately before the disinfectant is applied. Turbidity levels of around 1.0 NTU but not exceeding 5.0 NTU for more than two days in a 12-month period should be demonstrated in the absence of filtration. In addition, source water turbidity also should not show evidence of harbouring microbiological contaminants in excess of the exemption criteria."

Capilano and Seymour water is filtered so these source water criteria do not apply to the delivered water. Coquitlam, which is unfiltered, was in service for all of 2022 in accordance with the DWTO.

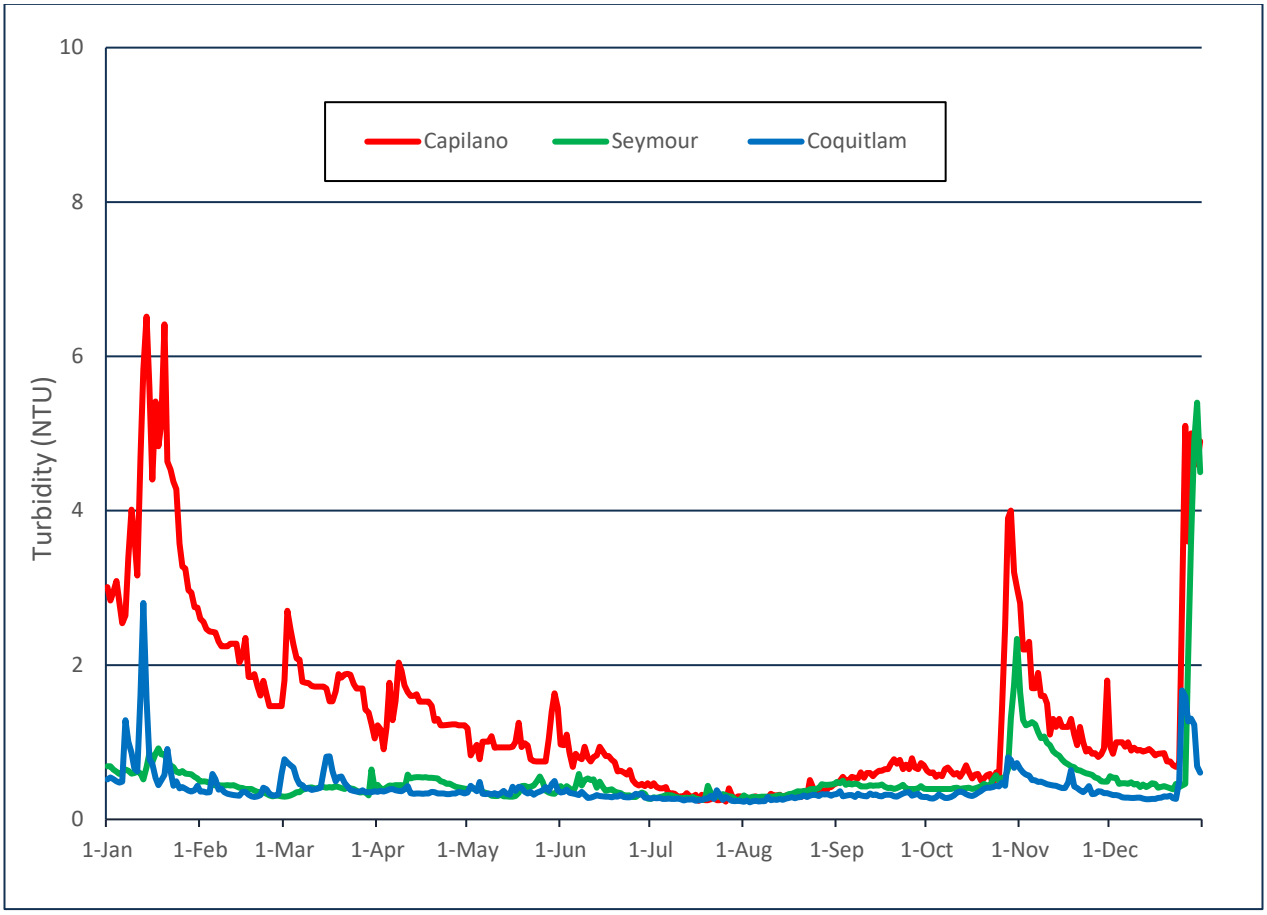


Figure 2: Average Daily Turbidity of Source Water (From In-line Readings)

1.4. Chemistry

1.4.1. Chemical and Physical Characteristics of the Source Water

The chemical and physical characteristics of the GVWD source water are summarized in Appendix B of this report; detailed analytical results are provided in Volume 2. The results from the chemical and physical analyses of the source water in 2022 were similar to those for previous years. The analysis was carried out by accredited laboratories using methods based on the current version of *Standard Methods For the Examination of Water and Wastewater*.

1.4.2. Analysis of Water for Organic Components and Radionuclides

Analyses of the source water for a variety of organic and other compounds, including all of the compounds with a specified MAC in the *Guidelines for Canadian Drinking Water Quality* (GCDWQ), is carried out on an annual basis in accordance with the WQMRP. The results are contained in Appendix C of this report and in Volume 2. No parameters were detected above the applicable GCDWQ health based limits.

1.4.3. PFOS and PFOA

Perfluorooctane Sulfonate (PFOS) and Perfluorooactanoic Acid (PFOA) testing is conducted on source waters and the results are detailed in Table 4. Common sources of these synthetic chemicals are from consumer products and fire-fighting foam, for their water and oil repellant properties. Neither parameter was detected above the applicable health based limits at the time of the publication of this report.

Parameter	Capilano (ng/L)	Seymour (ng/L)	Coquitlam (ng/L)	MAC (ng/L)
	Jul 26	Jul 26	Jul 26	
PFOS	<0.2	<0.2	<0.2	600
PFOA	<0.2	<0.2	<0.2	200

Table 4: Monitoring of Source Waters for PFOS and PFOA

1.4.4. Limnology

The Reservoir Water Quality Monitoring Program, started in 2014, collects limnology data (physical, chemical and biological parameters) for the Capilano, Seymour and Coquitlam supply reservoirs. Reservoir monitoring information is important in proactively managing the supply reservoirs as water quality could be impacted by environmental variability and climate change. This program assists in ensuring that variation and trends in reservoir quality are scientifically tracked over time.

Water sampling of the source reservoirs and inflow rivers is conducted between April and November. Biological productivity that can influence water quality is the highest during this time of year, making it an important time for sampling and measurements. Monthly sampling of the source water is conducted and sample analysis undertaken by accredited labs. More frequent water quality measurements are compiled by arrays of scientific instruments in each reservoir.

Metro Vancouver analysis of 2022 data resulted, as in previous years, in confirmation that the three reservoirs are ultra-oligotrophic (see Table 5), which means they have low levels of available nutrients and low levels of biological production. A single value called the Trophic State Index (TSI) is used to infer time course change in water quality based on the amount of algal biomass in the water column of each reservoir. TSI values have remained consistently low since measurements began (see Figure 3), which shows low biological production. The ultra-oligotrophic classification and low TSI values are highly desirable for source drinking water supply and shows that the GVWD Water Supply Areas and reservoirs continue to supply high quality source water.

There is worldwide interest in bluegreen algae (also known as cyanobacteria) in drinking water reservoirs. These algae can produce toxins that are collectively known as microcystins. A common cyanobacterium in GVWD reservoirs is called *Merismopedia* spp., which is thought to produce these microcystins. Despite the presence of cyanobacteria, the concentration of microcystins in GVWD reservoirs remains below the level stipulated in the GCDWQ, 1.5 µg/L. This desirable condition is due to the ultra-oligotrophic status of the reservoirs. Metro Vancouver continues to monitor cyanobacteria, including *Merismopedia* spp. as well as processes in the reservoirs that control the growth of cyanobacteria and other algae. These data are routinely used to help predict changes to water quality over time related to climatic and environmental change and aid in making proactive decisions about ongoing reservoir management strategies.

Chemical Measurement	Average Value					Status of Reservoirs
	Ultra-oligotrophic status[1]	Ultra-oligotrophic status	Capilano Reservoir 2014-2022 (2022 only)	Seymour Reservoir 2014-2022 (2022 only)	Coquitlam Reservoir 2014-2022 (2022 only)	
Total Phosphorus (µg/L)	5.0	8.0	3.1 (3.1)	3.2 (3.5)	3.2 (4.0)	Ultra-oligotrophic (very high water quality)
Total Nitrogen (µg/L)	250	661	122 (105)	120 (109)	128 (121)	Ultra-oligotrophic (very high water quality)
Phytoplankton Biomass (µg/L of chlorophyll-a)	0.5	1.7	0.43 (0.68)	0.55 (0.68)	0.59 (0.85)	Ultra-oligotrophic (very high water quality)

Table 5: Comparison of Water Quality in GVWD Water Supply Sources to Standard Water Quality Classifications

[1]Wetzel, R.G. 2001 River Ecosystems. 3rd edition. Academic Press. New York.

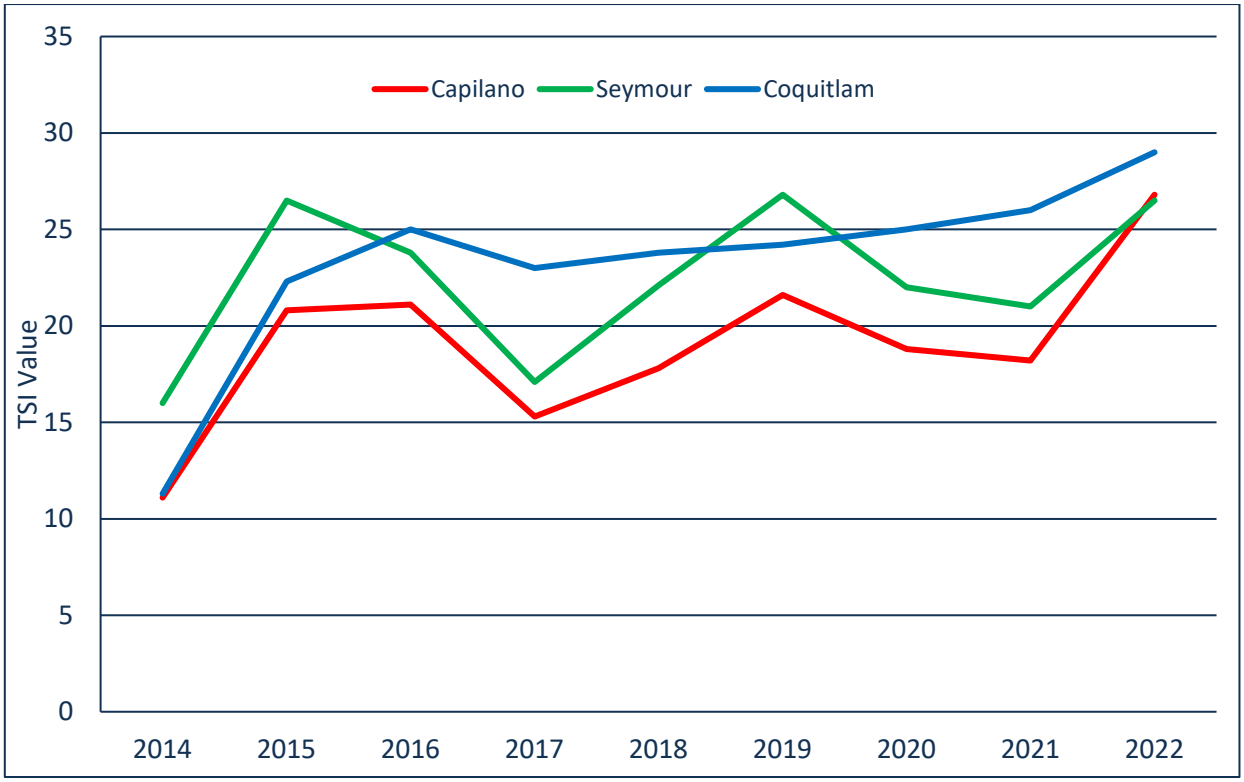


Figure 3: Trophic State Index of Source Waters

2.0 QUALITY CONTROL ASSESSMENT OF WATER TREATMENT

Primary treatment of the source water is the second barrier, following source water protection, used to assure the quality of the water supply.

Metro Vancouver filters water from the Capilano and Seymour source reservoirs at the Seymour Capilano Filtration Plant (SCFP), which is located in GVWD's Lower Seymour Conservation Reserve. Twin tunnels connect the two supply sources. Each tunnel is 3.8 metres in diameter, 7.1 kilometres long, and 160 to 640 meters below ground level, running beneath Grouse Mountain and Mount Fromme. The water from the Raw Water Tunnel is filtered and treated alongside the Seymour source water at the Seymour Capilano Filtration Plant (SCFP). Both treated sources enter the Clearwell at the SCFP for further treatment before the blended water is distributed to the region. Blended treated water returns to Capilano service area through the Treated Water Tunnel and provides high quality drinking water to the Capilano area, while the remainder is distributed through the Seymour system. This system typically supplies about two thirds of the region's drinking water.

The Coquitlam Water Treatment Plant is located north of the City of Coquitlam, and typically supplies about one third of the region's drinking water. Due to the historically low turbidity levels, the Coquitlam source water is not filtered.

Metro Vancouver operates the water supply system under the *GVWD Permit to Operate* issued jointly by Vancouver Coastal Health and Fraser Health. The permit stipulates that Metro Vancouver must meet the requirements to achieve at least a 4-log (99.99%) reduction and/or inactivation of Viruses, and at least a 3-log (99.9%) reduction and/or inactivation of *Giardia* cysts and *Cryptosporidium* oocysts. Operationally, Metro Vancouver meets the permit requirements managing the microbial risks using a combination of direct filtration, Ultraviolet (UV) light and chlorine at SCFP, and using ozone, UV light and chlorine at CWTP.

2.1. Seymour Capilano Filtration Plant

The SCFP is a chemically assisted direct filtration plant which uses polyaluminum chloride as a coagulant with polymers to improve particle removal. These substances help aggregate particles to form visible floc. The flocculated particles are removed by passing this water through a filter medium of anthracite and sand. The result is the production of filtered water, which is then exposed to UV light as the water exits each filter. The final processes are the addition of sodium hypochlorite (chlorine) and hydrated lime before the water enters the Clearwells. The West and East Clearwells are large water storage reservoirs that store and allow controlled passage of water with mixing (or blending) of the injected chlorine and hydrated lime. The Clearwells provide sufficient retention (or contact time) with chlorine to provide any further disinfection required after filtration and ultraviolet light treatment. Carbon dioxide (CO_2) in solution is added to trim pH once the desired alkalinity is reached using hydrated lime. After the Clearwells, the finished water enters the transmission system at the Seymour Treated Water Valve Chamber. The quality of the water produced has been excellent leaving the SCFP.

2.1.1. Filtration

Filtration treatment of the Capilano and Seymour water sources help improve the characteristics of the delivered water. This includes a visible decrease in colour and increase in clarity. There is a total loss of brown hue that can sometimes characterize Capilano and Seymour source waters. This improvement in colour is a result of removal of the naturally occurring parameters that cause the brown hue by the filtration process.

Suspended particles in water that cause light to scatter (turbidity) are also removed. The end product is water that is very clear. Due to the purity of the water, it may have a slight bluish tinge.

Figure 4 compares the apparent colour of SCFP filtered water and Capilano and Seymour source waters for 2022. During the fall rainfall events, the apparent colour of the Seymour source water feeding the SCFP had a reading of 44 Apparent Colour Unit (ACU). After the removal of the organic material through filtration, the colour of the filtered water delivered to the public was never greater than 6 ACU.

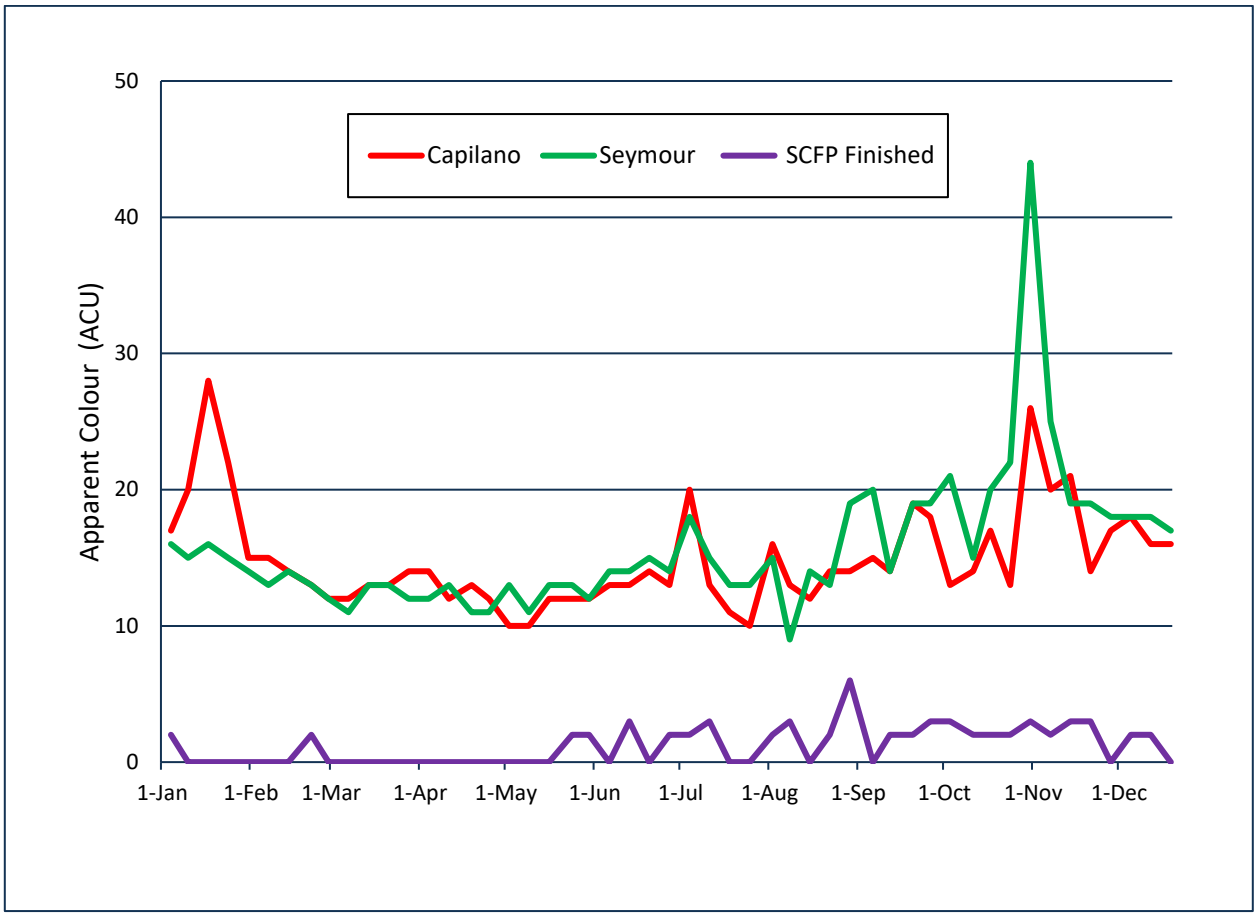


Figure 4: Apparent Colour Levels Before and After Filtration

Figure 5 compares turbidity of the two source waters that feed the SCFP to the turbidity level of the finished water. The Seymour source experienced an average daily turbidity greater than 1.0 NTU for 23 days. The Capilano source exceeded 1.0 NTU on 159 days. Since both sources are filtered at the SCFP, the maximum average daily turbidity of the delivered water was 0.28 NTU, and the average was 0.15 NTU.

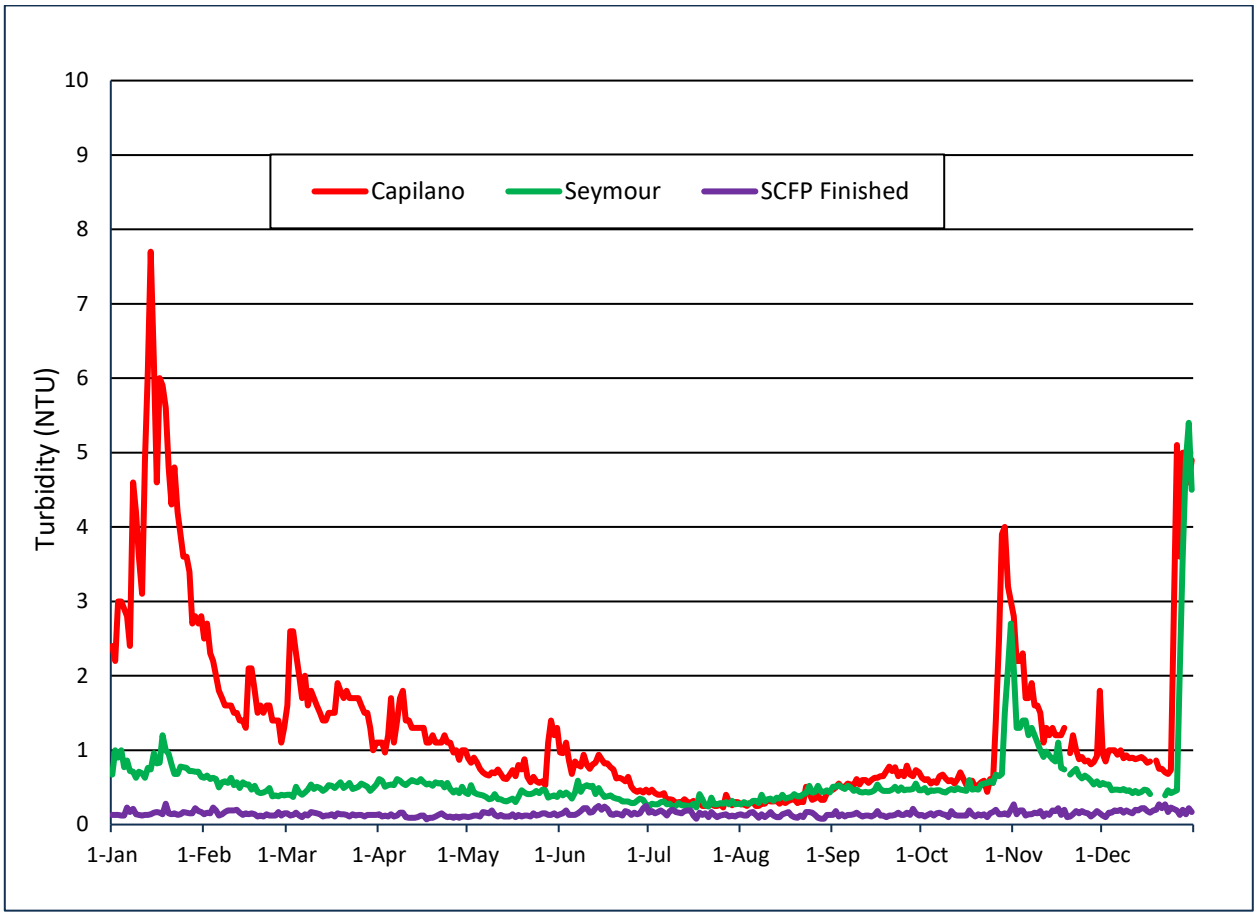


Figure 5: Average Daily Turbidity Levels Before and After Filtration

Removal of turbidity in the source water improves the aesthetic qualities of the water, but it also has the benefit of removing certain types of pathogenic microorganisms that may be present. At a minimum, properly run direct filtration plants such as the SCFP will remove up to 2.5 log (two log is a 99% reduction) of *Giardia* and *Cryptosporidium* plus 1 log of viruses. To ensure this removal, it is critical that the performance of each filter determined by the turbidity of its effluent is monitored on a continuous basis.

The GCDWQ (2020) states: "*For conventional and direct filtration, less than or equal to 0.3 nephelometric turbidity units (NTU) in at least 95% of measurements either per filter cycle or per month and never to exceed 1.0 NTU.*"

Ideally the turbidity from each filter would never exceed 0.1 NTU; however, there are rare occurrences of turbidity readings that exceed this ideal level. The turbidity performance of all 24 filters is measured by examining the percent of time that the turbidity of each Individual Filter Effluent (IFE) met the turbidity guidelines of not greater than 1.0 NTU, and at least 95% of the time less than 0.3 NTU. This is summarized in Table 6. In 2022, there were no incidents where the IFE was greater than 1.0 NTU, and the few incidences of filter turbidity readings that were greater than 0.3 NTU were well within the 95% limit.

Month	Occurrence of IFE Turbidity greater than 1.0 NTU (None Allowed)	Percent of Time IFE Turbidity was less than 0.3 NTU (Minimum 95% Required)
January	0	99.999%
February	0	100%
March	0	100%
April	0	99.999%
May	0	100%
June	0	100%
July	0	100%
August	0	100%
September	0	100%
October	0	100%
November	0	100%
December	0	99.999%

Table 6: Monthly Filter Effluent Turbidity Summary

Under normal operating conditions the average turbidity of the filtered water at SCFP was 0.15 NTU.

All water that flows through the filters immediately passes through the UV units. The intensity of the UV lamps automatically increases when there is an increase in turbidity or colour of the water exiting each filter. After UV treatment, the water is chlorinated as it enters the Clearwells, where more than one hour of contact time is provided.

2.1.2. Ultraviolet Treatment

The effluent from each filter is treated with UV light as the water exits the filter. UV treatment is effective in altering the DNA structure of *Giardia* and *Cryptosporidium* thus rendering cysts and oocysts, respectively, of these parasites, non-infectious. Other disinfectants, especially chlorine, are ineffective against *Cryptosporidium* oocysts at reasonable dosages. In the unlikely event of a breakthrough of *Cryptosporidium* oocysts, especially at the end of a filter run, UV light is present to render any parasites that may be present as non-infectious. Cysts and oocysts are not able to proliferate inside the intestines of human hosts to cause illness after a sufficient dose of ultraviolet light. The target dosage for UV light is to achieve 2-Log (99%) *Giardia* and *Cryptosporidium* inactivation.

Under normal operating conditions, two rows of lamps operating at 75% power provide sufficient UV light to meet the dosage requirement for 2-log reduction of *Giardia* and *Cryptosporidium.*

Table 7 summarizes the performance of the SCFP UV system in 2022.

Month	Percent of Monthly Volume ≥ 2-log of *Giardia* and *Cryptosporidium* Inactivation (95% of monthly volume required)
January	99.95%
February	99.97%
March	99.91%
April	99.83%
May	99.96%
June	99.94%
July	99.95%
August	99.94%
September	99.95%
October	99.97%
November	99.88%
December	99.96%

Table 7: Percent of Volume Meeting Ultraviolet Dosage Requirements at SCFP

2.1.3. Chlorination

Chlorination is used for disinfection at the source as well as at secondary disinfection stations to minimize bacterial regrowth in the GVWD transmission and member jurisdiction distribution systems. Chlorination provides 4-log virus inactivation with liquid sodium hypochlorite.

2.2. Coquitlam Water Treatment Plant

The Coquitlam Water Treatment Plant (CWTP) treats the Coquitlam source water using multiple disinfection barriers, specifically, ozone, UV and chlorine, and provides corrosion control. The Coquitlam source water is not filtered. Ozone contact is achieved in a stainless steel contactor pipeline that connects the Ozonation facility with the Corrosion Control and Chlorination facility. The primary function of ozonation is to improve the transmissivity of the water for subsequent UV light treatment and oxidize organic precursors responsible for the formation of disinfection by-products (DBPs) following chlorination.

Ozone also provides disinfection capacity for *Giardia* and viruses. UV light is the primary process for inactivation of *Giardia* and *Cryptosporidium* and chlorine for viruses. Corrosion control is achieved using sodium carbonate and carbon dioxide which is added to trim the pH once the desired alkalinity is reached. After chlorination, the finished water enters the transmission system. The quality of the water produced has been excellent leaving the CWTP.

2.2.1. Ozonation

Ozone is intended as a pre-treatment, however, also provides backup for inactivation of Giardia when the UV treatment system is offline. Ozonation also provides additional virus inactivation to chlorination. The ozonation system was fully operational for 99.3% of the time in 2022. The ozone outages in 2022 were due to a combination of electrical/instrument maintenance, ozone dosing test, and ozone generator faults or power loss.

2.2.2. Ultraviolet Treatment

UV light treatment provides for primary disinfection, and achieves 3-log inactivation of chlorine-resistant micro-organisms for *Giardia* and *Cryptosporidium*. The water is directed into 8 ultraviolet units, each containing 40 ultraviolet lamps encased in protective sleeves. Ultraviolet light emitted from the lamps passes through the water. The US Environmental Protection Agency (EPA)[1] requires that the ultraviolet disinfection process results in target *Giardia* and *Cryptosporidium* inactivation in at least 95% of the treated water volume on a monthly basis, which is summarized in Table 8. The EPA performance reference is used in the absence of a Canadian standard. There was no loss of UV in 2022 and 99.88% of the water volume was treated to the above specifications.

Month	Percent of Monthly Volume ≥ 3-log *Giardia* and *Cryptosporidium* Inactivation (Minimum 95% Required)
January	99.88%
February	99.91%
March	99.89%
April	99.89%
May	99.85%
June	99.86%
July	99.88%
August	99.87%
September	99.91%
October	99.87%
November	99.83%
December	99.90%

Table 8: Percent of Volume Meeting Ultraviolet Dosage Requirements at CWTP

[1] Ultraviolet Disinfection Guidance Manual for the Final Long Term2 Enhanced Surface Water Treatment Rule, November 2006, Sec. 1.4.4.

2.2.3. Chlorination

Chlorination is used for disinfection at the source as well as at secondary disinfection stations to minimize bacterial regrowth in the GVWD transmission and member jurisdiction distribution systems. Chlorination provides 4-log virus inactivation with liquid sodium hypochlorite solution. The chlorination system was fully operational 100% of the time in 2022.

2.3. Secondary Disinfection

There are 8 secondary disinfection stations operated by Metro Vancouver. The purpose of these stations is to increase the chlorine residual in the GVWD transmission and member jurisdiction distribution systems to meet a target residual based on a number of factors, including source water turbidity, the amount of bacterial regrowth detected in member jurisdiction distribution system samples and the chlorine demand in the water. The rate of chlorine decay is lower in the areas receiving filtered water from the SCFP and consequently, lower chlorine dosage levels are required to maintain desired chlorine residual levels. The target chlorine dose leaving the secondary facilities receiving SCFP water is 0.8 mg/L. These facilities frequently have an incoming chlorine residual high enough that boosting is not required. The target chlorine dose leaving the secondary facilities receiving CWTP water ranges from 1.20 to 1.50 mg/L.

Table 9 summarizes the performance of the secondary disinfection facilities in 2022.

Facility	Branch Main	Average Free Chlorine (mg/L)	Range of Free Chlorine (mg/L)	Source Water
Clayton	Whalley/Clayton	1.19	0.89-1.51	Supplied by CWTP water.
	Jericho/Clayton	1.20	0.98-1.50	
Chilco	Capilano No. 4 and No.5	0.74	0.56-0.83	Supplied by SCFP water.
Pitt River	Haney Main No.2	1.20	1.19-1.24	Supplied by CWTP water.
	Haney Main No.3	1.17	1.01-1.51	
Newton	Surrey Hickleton Main	1.08	0.51-1.39	Primarily supplied by SCFP water. Occasionally supplied by CWTP water, depending on flow demands.
Kersland	Capilano No. 4 and No.5	0.86	0.67-1.02	Supplied by SCFP water.
Central Park	South Burnaby Main No.1	0.77	0.53-0.98	Primarily supplied by SCFP water. Occasionally supplied by CWTP water, depending on flow demands.
	South Burnaby Main No.2	0.87	0.63-1.37	
Cape Horn	Coquitlam Main No.2	1.20	0.99-1.52	Supplied by CWTP water.
	Coquitlam Main No.3	1.21	0.97-1.53	
Vancouver Heights	Boundary Road Main No. 5	0.85	0.71-1.02	Supplied by SCFP water.

Table 9: Performance of Secondary Disinfection Facilities

2.4. Corrosion Control

Metro Vancouver's corrosion control program began in the 1990s, and involves several steps to reduce pipe corrosion. As part of the current *Corrosion Control Program: Copper Pipes Protection* initiative, further changes in pH and alkalinity were made in June 2021 to help reduce pipe corrosion through the addition of natural minerals. The GCDWQ established.

The untreated water from all three sources had a pH lower than the limit of the GCDWQ of pH 7.0.

In the SCFP process, filtered water is dosed with hydrated lime (calcium hydroxide) to raise its pH and alkalinity before it enters the Clearwells. To achieve the desired alkalinity, the resultant pH is trimmed using CO_2 to bring it down to target levels.

At the Coquitlam source, the commissioning of the CO_2 system at the CWTP began in 2019, and was fully operational in 2021. The CO_2 system with the addition of soda ash (sodium carbonate) allows the GVWD to meet new target pH and alkalinity values across the entire system. Similar to the SCFP, the CO_2 system is used to trim the resultant pH to desired target levels.

The average pH of the treated water leaving SCFP and CWTP was 8.6 and 8.4, respectively, during 2022.

Performance of the corrosion control facilities is summarized in Table 10.

Facility	Performance	Discussion
SCFP Corrosion Control	pH ranged from 7.3 – 9.2	The annual average pH was 8.6 and was continually monitored with online instrumentation.
CWTP Corrosion Control	pH ranged from 6.7 – 10.1	The annual average pH was 8.4. The pH was <7.0, the recommended lower limit of the GCDWQ, on January 1 for a total of 3 hours and August 2 for 2.5 hours, both times due to soda ash equipment fault. The pH never exceeded the recommended limit of 10.5 under the GCDWQ.

Table 10: Performance of Corrosion Control Facilities

The chemical and physical characteristics of the GVWD treated water are summarized in Appendix B of this report and detailed analytical results are provided in Volume 2.

3.0 TRANSMISSION/DISTRIBUTION SYSTEM WATER QUALITY

Schedule A of the *BC Drinking Water Protection Regulation* (BCDWPR) contains standards for the bacteriological quality of potable water in the Province. There are three components of this standard that apply to large utilities such as GVWD and its member jurisdictions. These are:

Part 1: No sample should be positive for *E. coli*.

Part 2: Not more than 10% of the samples in a 30-day period should be positive for total coliform bacteria when more than 1 sample is collected.

Part 3: No sample should contain more than 10 total coliform bacteria per 100 mL.

The BCDWPR does not contain any water standards other than the three limits for *E. coli* and total coliform bacteria. Information on the significance of the detection of these organisms can be found in the GCDWQ – Supporting Documents, specifically:

"E. coli is a member of the total coliform group of bacteria and is the only member that is found exclusively in the faeces of humans and other animals. Its presence in water indicates not only recent faecal contamination of the water but also the possible presence of intestinal disease-causing bacteria, viruses and protozoa."

"The presence of total coliform bacteria in water in the distribution system (but not in water leaving the treatment plant) indicates that the distribution system may be vulnerable to contamination or may simply be experiencing bacterial regrowth."

To summarize, the detection of an *E. coli* bacteria in a sample of treated water is an indication of a potentially serious risk. The detection of total coliform bacteria may indicate intrusion into the system, or it may indicate that these bacteria are growing in the system itself (regrowth).

The number of *E. coli* detected in both GVWD and member jurisdiction drinking water samples is typically very low. Out of more than 28,700 samples collected from GVWD and member jurisdiction systems analyzed in 2022, one sample was positive for *E. coli*. The detection of a positive *E. coli* sample triggers a protocol which involves immediate notification to health and member jurisdiction officials, re-sampling, and a thorough investigation into the possible causes. Three repeat samples were taken and no additional *E. coli* were found.

In the GVWD transmission system, only 12 out of the approximately 7,400 samples collected, tested positive for total coliforms. Only 20 of the approximately 21,300 samples collected from the member jurisdiction distribution systems tested positive for total coliforms in 2022. The majority of the coliforms (70%) in the member jurisdiction (and 67% in GVWD) systems appeared in the warmer water months of June through October.

The most likely source of these organisms is attributed to bacterial regrowth. It should be emphasized that 99.9% of the samples in 2022 had no coliforms present, which is a good indicator of effective water treatment and good transmission and distribution system water quality.

3.1. Microbiological Water Quality in the GVWD System

3.1.1. GVWD Water Mains

Water quality in GVWD water mains is monitored from the point leaving the source and throughout the transmission system. In 2022, there were approximately 4,000 samples collected and tested for the presence of indicator bacteria. The percentage of samples from the GVWD water mains that were positive for total coliform bacteria was very low, well below the 10% standard. Of the approximately 4,000 samples processed, 10 samples tested positive for total coliforms and no samples were positive for *E. coli* bacteria. The compliance of monitoring results from GVWD water mains with BCDWPR criteria is shown in Figure 6.

There were another 436 samples collected from stations where only chlorine residuals are measured. In addition, there are inline stations collecting chlorine data every 10-minutes after chlorination at each source, but these samples are not included in the calculations for compliance monitoring.

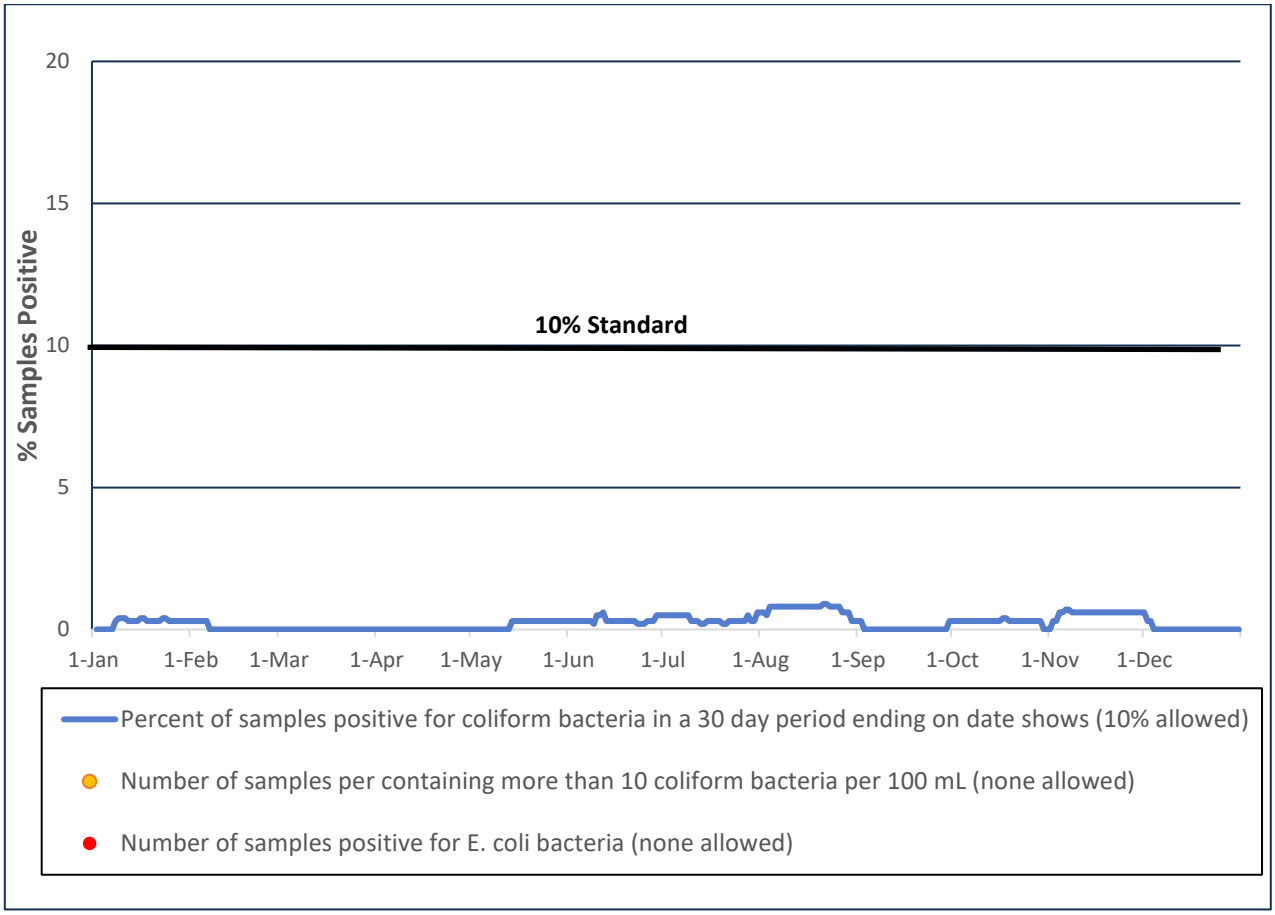


Figure 6: Bacteriological Quality of Water in GVWD Water Mains

3.1.2. GVWD In-System Reservoirs

In 2022, over 2,000 samples were collected from reservoirs that are located throughout the GVWD water system. Only 1 sample was positive for total coliforms. No sample from a reservoir was positive for *E. coli*.

The compliance of 2022 monitoring results from GVWD reservoirs with the criteria in the BCDWPR is shown in Figure 7.

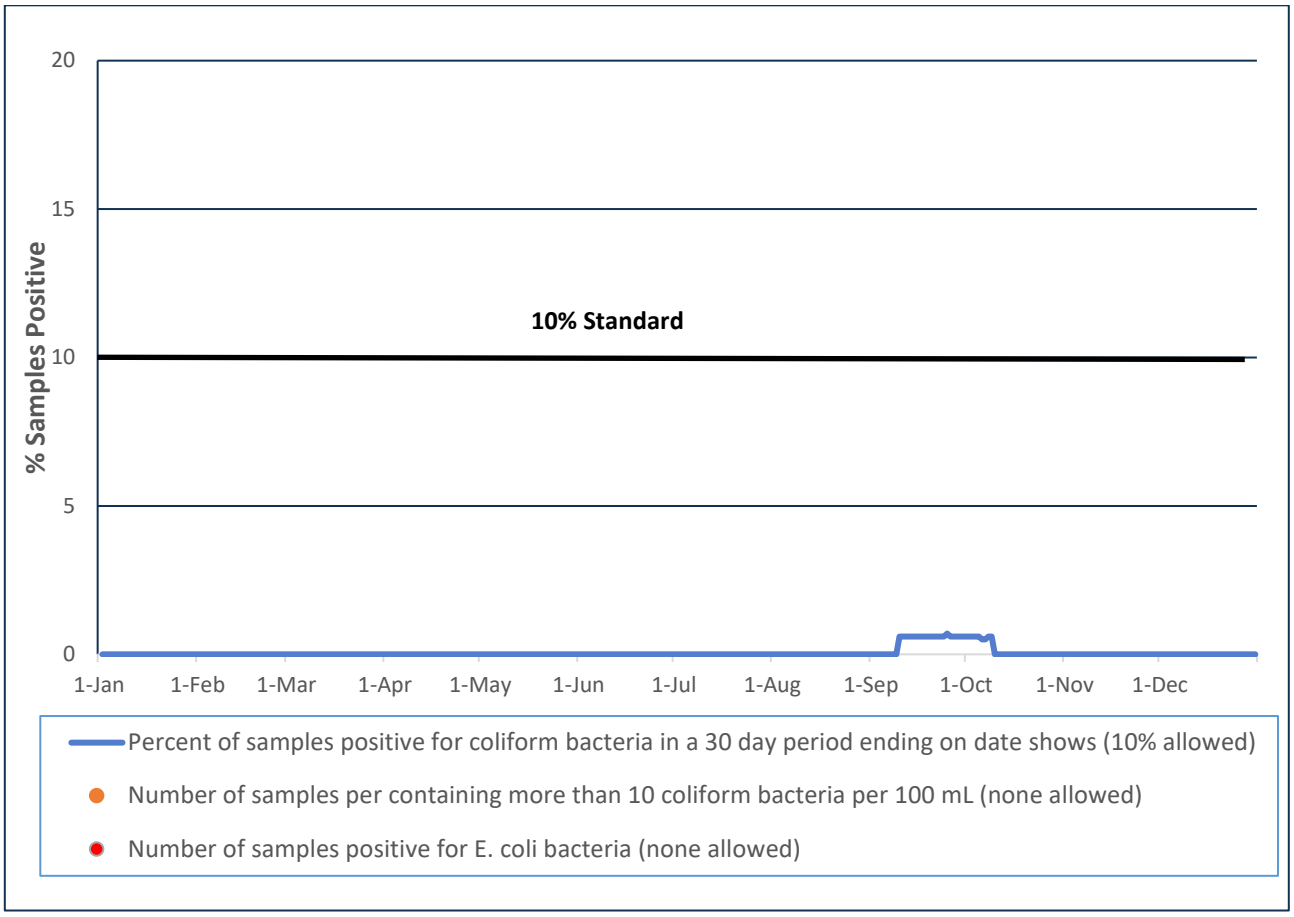


Figure 7: Bacteriological Quality of Water in GVWD In-System Reservoirs

Reservoir water quality is optimized by the use of secondary disinfection coupled with an active reservoir exercising program that includes a minimum of weekly monitoring of chlorine residuals and bacteriology results, which can result in changes to filling levels, if necessary.

Table 11 provides an overview of the status of the GVWD reservoirs from 2019 to 2022. During certain times of the year, it is not possible to cycle reservoirs as often as desired due to operational constraints. Despite these constraints, water quality as determined by coliform bacteria was satisfactory in all reservoirs.

Reservoir (Capacity in Million Litres)	2019	2020	2021	2022	Discussion
Burnaby Mountain Reservoir (13.2)	0.53	0.57	0.53	0.49	No operational issues
Burnaby Tank (2.3)	0.58	0.60	0.57	0.56	No operational issues
Cape Horn Reservoir (40.0)	0.61	0.78	0.71	0.78	No operational issues
Central Park Reservoir (35.0)	0.51	0.66	0.54	0.56	No operational issues
Clayton Reservoir (21.6)	1.02	1.08	1.1	1.05	To maintain water quality due to seasonal low demand, the cells of this reservoir are periodically removed from service. Cell 1 was in service Jan 1 - Nov 15 Cell 2 was in service March 16 - Dec 31
Glenmore Tanks (1.0)	0.68	0.77	0.73	0.67	No operational issues
Grandview Reservoir (13.5)	0.73	0.80	0.85	0.84	No operational issues
Greenwood Reservoir (8.8)	0.68	0.75	0.70	0.68	No operational issues
Hellings Tank (4.3)	0.48	0.54	0.56	0.52	No operational issues
Jericho Reservoir (20.0)	-	-	1.10	0.92	Cell 1 in service for entire year . Cell 2 not yet commissioned. Construction delays in 2022, anticipate completion in 2023.
Kennedy Reservoir (16.3)	0.52	0.58	0.65	0.60	No operational issues
Kersland Reservoir (73.7)	0.55	0.66	0.65	0.61	Following the completion of upgrades that were begun in Oct 2021, Cell No.1 was disinfected and returned to service in May. No operational issues with other cell.
Little Mountain Reservoir (171.0)	0.67	0.72	0.69	0.66	No operational issues
Maple Ridge Reservoir (20.0)	0.52	0.44	0.46	0.43	Reservoir was cleaned by divers in December.
Newton Reservoir (32.0)	0.46	0.55	0.44	0.64	Cell 2 was out of service beginning in March for inspection and preparatory work, it was then disinfected and returned to service on April 27. In October, the cell was once again removed from service for work on a new outlet structure. Work continued in 2023. During the fall outage, cell 1 operated at a lower level for worker safety in cell 2.
Pebble Hill Reservoir (42.2)	0.60	0.66	0.54	0.61	Cells 1 and 2 are being seismically upgraded. Work on Cell 1 that began in Fall 2021 continued in the spring until the cell was needed to meet the seasonal demands; after demand dropped, both Cells 1 & 2 were isolated and drained. Cell 1 was out of service Jan 1 - May 19. Oct 16 - Dec 31. Cell 2 was out of service Oct 16 - Dec 31.
Prospect Reservoir (4.4)	0.66	0.76	0.73	0.69	No operational issues
Sasamat Reservoir (26.0)	0.54	0.65	0.62	0.61	No operational issues

Reservoir (Capacity in Million Litres)	2019	2020	2021	2022	Discussion
Sunnyside Reservoir (22.7)	0.47	0.73	0.85	0.78	No operational issues
Vancouver Heights Reservoir (43.0)	0.75	0.82	0.78	0.71	No operational issues
Westburnco Reservoir (73.0)	0.58	0.64	0.60	0.65	No operational issues
Whalley Reservoir (33.4)	0.59	0.73	0.71	0.65	The reservoir was cleaned, disinfected and returned to service in April.

Table 11: Status of GVWD Reservoirs (2019-2022)

3.2. Microbiological Water Quality in Member Jurisdiction Systems

For samples collected from member jurisdiction systems, the percent positive per month for total coliform bacteria from 2019-2022 is shown in Figure 8.

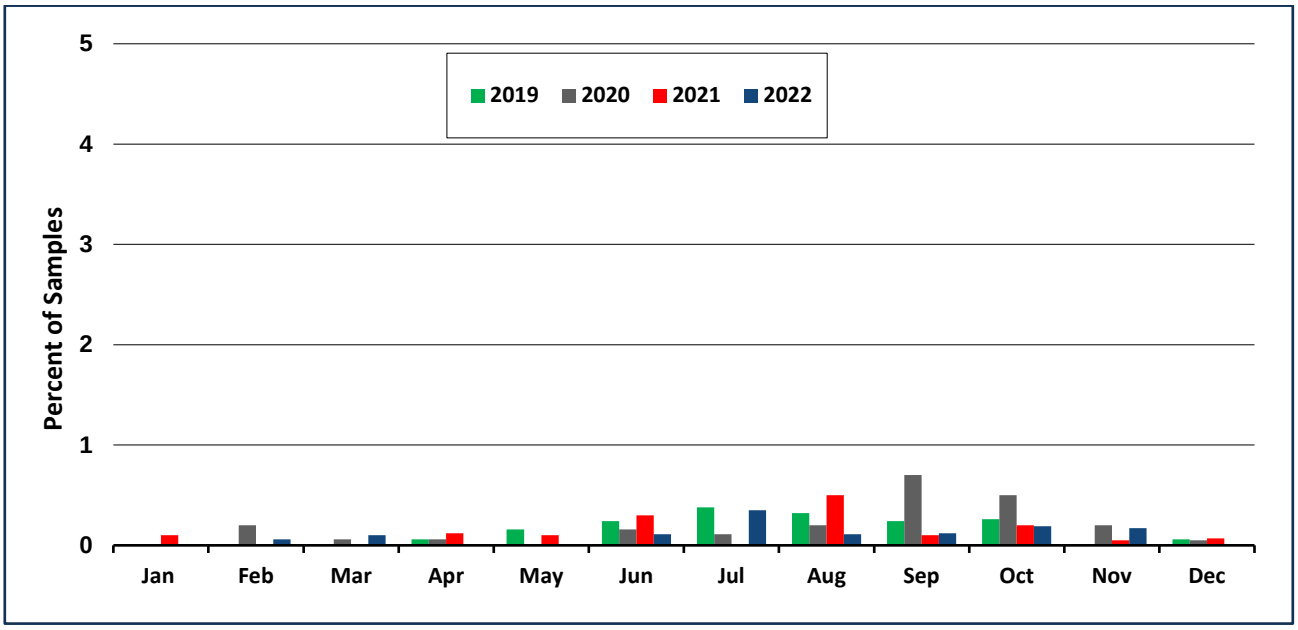


Figure 8: Percent of Samples per Month Positive for Total Coliform Bacteria (2019 to 2022)

The percentage of samples positive for total coliform bacteria in 2022 remained relatively similar as compared to 2021.

For Part 1 of the BCDWPR, no sample should be positive for *E. coli*. A single sample in July from member jurisdiction systems was positive *E. coli.* All subsequent samples taken over the following 3 days were negative.

For Part 3 no sample should contain more than 10 total coliform bacteria per 100 mL. For samples from member jurisdiction systems, this requirement was met in 2022 with the following exceptions:

- One sample in April contained more than 10 total coliform bacteria.

One sample in July contained more than 10 total coliform bacteria.

Table 12 shows the compliance with the bacteriological standards (3 parts) in the BCDWPR for samples taken within the distribution systems of the 21 member jurisdictions that are supplied with GVWD water.

Month	Number that met Part 1	Number that met Part 2	Number that met Part 3	Number that met all requirements
January	21	21	21	21
February	21	21	21	21
March	21	21	21	21
April	21	21	20	20
May	21	21	21	21
June	21	21	21	21
July	20	21	20	20
August	21	21	21	21
September	21	21	21	21
October	21	21	21	21
November	21	21	21	21
December	21	21	21	21

Table 12: Member Jurisdiction Water Quality Compared to the Provincial Bacteriological Standards

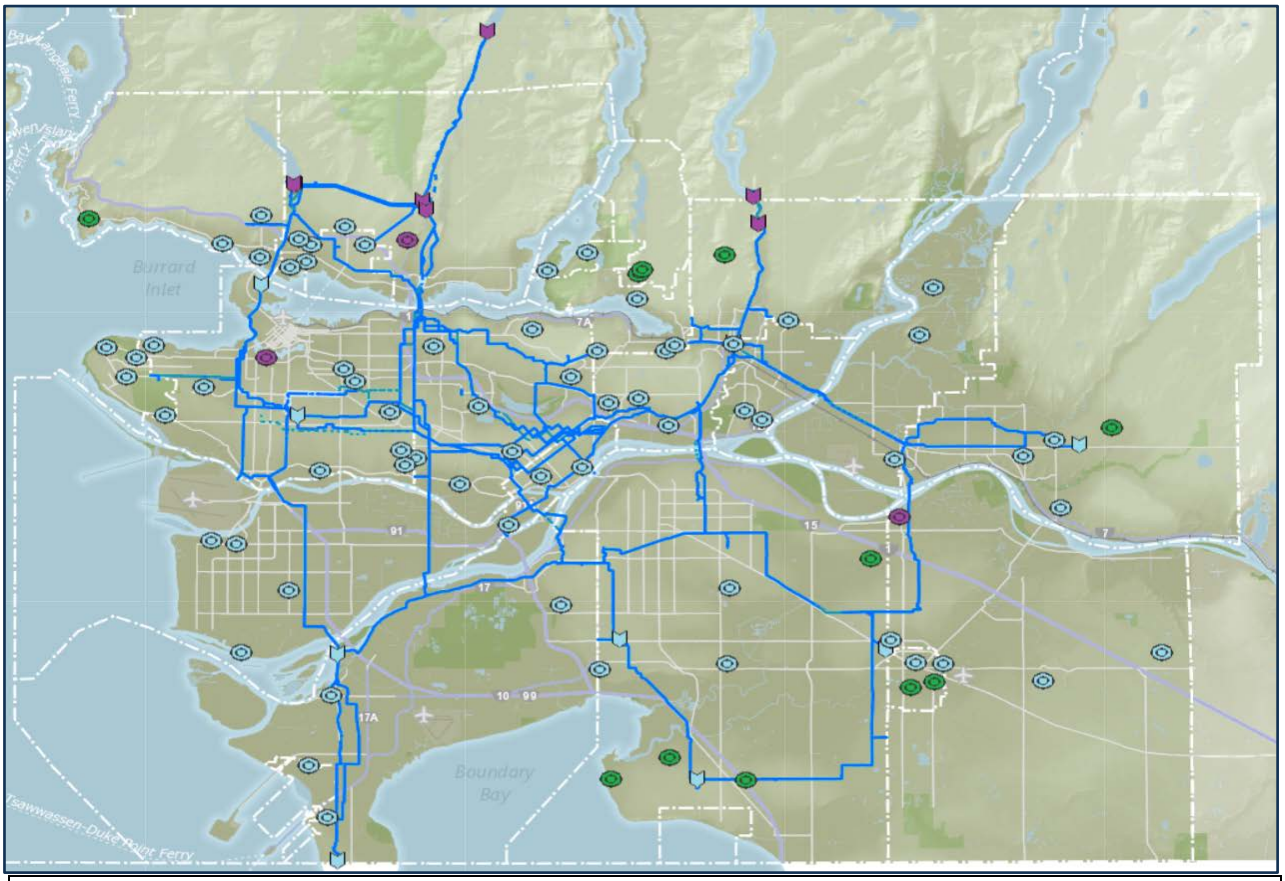
3.3. Disinfection By-Products in the Transmission/Distribution Systems

As the treated water moves through the GVWD Transmission system and into the member jurisdiction distribution system's infrastructure of water mains and reservoirs, changes in water quality occur. This is mainly due to the reaction between the chlorine in the water (added during primary and secondary disinfection) with naturally occurring organic matter in the water.

One of the most significant changes is the production of chlorinated DBPs. DBPs is a term used to describe a group of organic and inorganic compounds formed during water disinfection.

Reactions between dissolved natural organic matter and chlorine can lead to the formation of a variety of halogenated DBPs. There are two major groups of chlorinated DBPs: Total Trihalomethanes (TTHMs) and Total Haloacetic Acids (THAA). Factors that affect DBP formation include: amount of chlorine added to water, reaction time, concentration and characteristics of dissolved organic materials (precursors), water temperature, and water pH. In general, DBPs continue to form as long as chlorine and reactive DBP precursors are present in the water.

The Maximum Acceptable Concentration (MAC) in the GCDWQ for TTHMs is a locational yearly running average of 100 µg/L (0.1 mg/L) based on quarterly samples. A comparison of TTHM levels in the GVWD and member jurisdiction systems in 2022 is shown in Figure 9. All THM results from GVWD water mains and member jurisdiction systems were below the MAC of 100 µg/L.



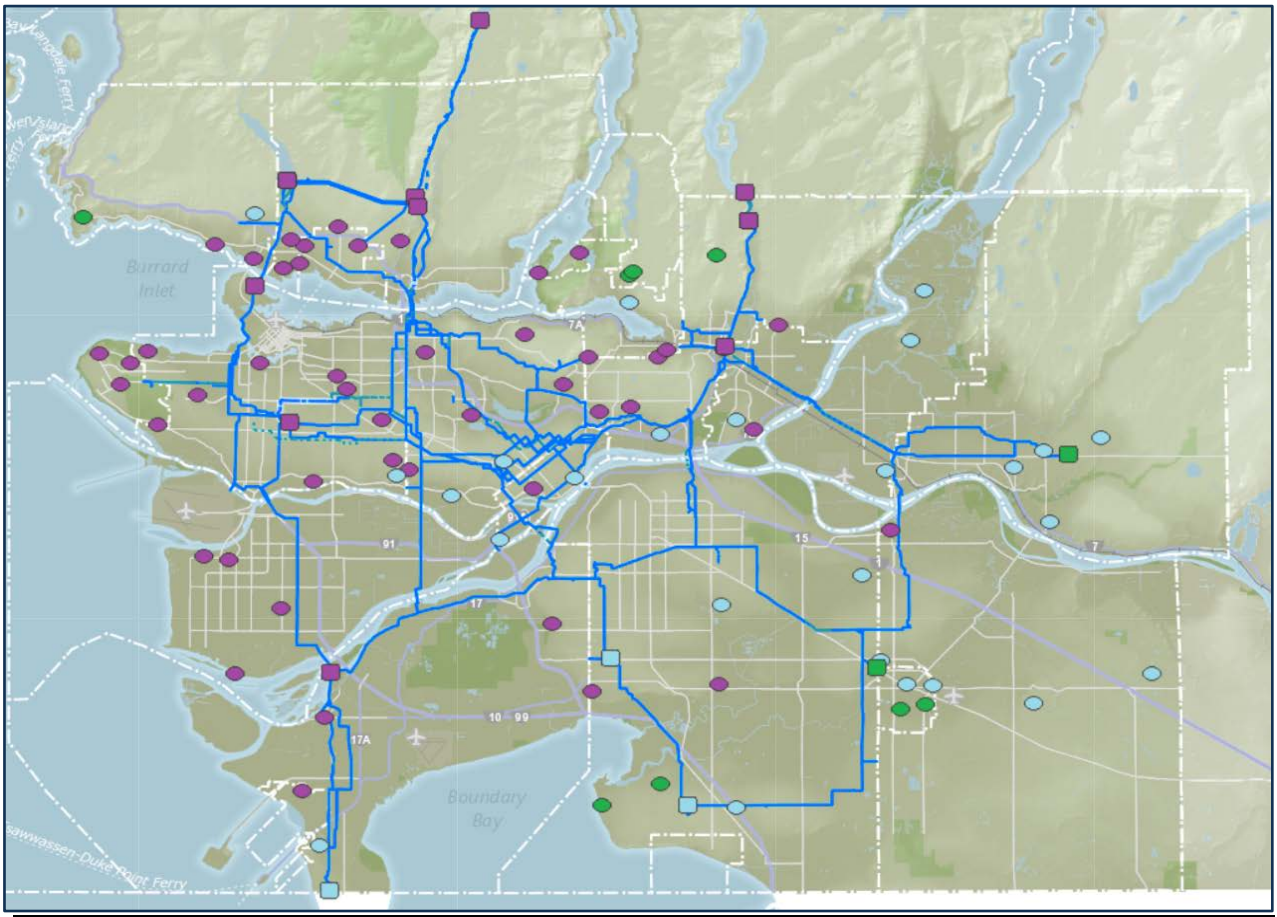
2022 Average GVWD TTHM = 23 µg/L
2022 Average Member Jurisdictions TTHM = 30 µg/L

Total Trihalomethane Levels - GVWD	Total Trihalomethane Levels - Member Jurisdiction
>= 0 AND < 20	>= 0 AND < 20
>= 20 AND < 40	>= 20 AND < 40
>= 40 AND < 60	>= 40 AND < 60
>= 60 AND < 80	>= 60 AND < 80
>= 80 AND < 100	>= 80 AND < 100
>= 100	>= 100

MAC for Total Trihalomethane values is 100 µg/L

Figure 9: Average Total Trihalomethane Levels

The other group of disinfection by-products of interest is the Total Haloacetic Acid (THAA) group. Comparison of THAA in the GVWD and member jurisdiction systems in 2022 is shown in Figure 10. In 2022, all HAA results from GVWD water mains and member jurisdiction systems were below the MAC of 80 µg/L.



2022 Average GVWD THAA = 19 µg/L
2022 Average Member Jurisdictions THAA = 23 µg/L

Total Haloacetic Acid Levels - GVWD	Total Haloacetic Acid Levels - Member Jurisdiction
>= 0 AND < 20	>= 0 AND < 20
>= 20 AND < 40	>= 20 AND < 40
>= 40 AND < 60	>= 40 AND < 60
>= 60 AND < 80	>= 60 AND < 80
>= 80 AND < 100	>= 80 AND < 100
>= 100	>= 100

MAC for Total Haloacetic Acid values is 80 µg/L

Figure 10: Average Total Haloacetic Acid Levels

4.0 QUALITY CONTROL/QUALITY ASSURANCE

Since 1994, the Metro Vancouver Microbiology Laboratory has participated in the BC Centre for Disease Control Public Health Laboratory Enhanced Water Quality Assurance Program and has been approved by the Provincial Medical Health Officer to perform microbiological analysis of drinking water as required in the BCDWPR. An ongoing requirement of this approval is successful participation in the provincial Clinical Microbiology Proficiency Testing Program, or its equivalent. Representatives of the Approval Committee for Bacteriology Laboratories carried out an inspection of the Metro Vancouver Microbiology Laboratory at the Lake City Operations Centre in September 2022 as part of the process leading up to approval of the laboratory by the Provincial Health Officer. The next inspection is planned for 2025.

In addition to the approval process discussed above, the Metro Vancouver Laboratories are accredited by the Canadian Association for Laboratory Accreditation (CALA) for the analysis of specific parameters to the ISO/IEC 17025 *General requirements for the competence of testing and calibrations laboratories* international standard.

Representatives from CALA have assessed the Metro Vancouver Laboratories bi-annually since 1995. The most recent on-site audit took place in September 2021, and the Metro Vancouver Laboratories have been granted accreditation until 2024. The next CALA assessment will take place in the fall of 2023. The Scope of Accreditation is available on the CALA website – www.cala.ca.

APPENDIX A — WATER SAMPLING FREQUENCY

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Water Type	Parameter	Frequency
Untreated, Source Water	Total coliform and *E. coli*	Daily
	HPC	Daily
	Turbidity	Daily
	Giardia and *Cryptosporidium*	Monthly at Capilano, and Coquitlam. Seymour began in July 2022.
	Ammonia, colour, iron, organic carbon, pH	Weekly
	Alkalinity, chloride, calcium, hardness, magnesium, manganese, nitrate, potassium, phosphate, sulphate	Monthly
	Aluminum, copper, sodium, total and suspended solids	Bi-monthly
	THMs, HAAs	Quarterly
	Antimony, arsenic, barium, boron, cadmium, cyanide, chromium, lead, mercury, nickel, phenols, selenium, silver, zinc	Semi-annually
	Pesticides and herbicides	Annually
	PAHs, BTEX	Annually
	VOCs	Annually
	Radionuclides	Annually
Treated water	Total coliform and *E. coli*	Daily
	Turbidity	Daily
	Temperature	Daily
	pH	Daily
	Ammonia, colour, iron, organic carbon, aluminum at SCFP only	Weekly
	Aluminum, copper, sodium, total and suspended solids	Bi-Monthly
	THMs, HAAs	Quarterly at selected sites
	Antimony, arsenic, barium, boron, cadmium, cyanide, chromium, lead, mercury, nickel, phenols, selenium, silver, zinc	Semi-annually
GVWD Water Mains	Total coliform and *E. coli*	Weekly per site
	HPC	Weekly per site
	Free chlorine	Weekly per site
	THMs, HAAs, pH	Quarterly at selected sites
	PAHs, BTEX	Semi-annually at selected sites
GVWD Reservoirs	Total coliform and *E. coli*	Weekly per site
	HPC	Weekly per site
	Free chlorine	Weekly per site
	Turbidity	Weekly per site
Member Jurisdiction Distribution Systems	Total coliform and *E. coli*	Weekly per site
	HPC	Weekly per site
	Free chlorine	Weekly per site
	Turbidity	Weekly per site
	THMs, HAAs, pH	Quarterly at selected sites

APPENDIX B — CHEMICAL AND PHYSICAL ANALYSIS SUMMARIES

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SERVICES AND SOLUTIONS FOR A LIVABLE REGION

Physical and Chemical Analysis of Water Supply

2022 – Capilano Water System

	Untreated[1]	Treated[1]		Canadian Guideline		
Parameter	**Average**	**Average**	**Range**	**Days Exceeded**	**Limit[2]**	**Reason Established**
Alkalinity as $CaCO_3$ (mg/L)	3.0	22	18-25	N/A	None	N/A
Aluminum Dissolved (µg/L)	59	26	20-35	N/A	None	N/A
Aluminum Total (µg/L)	126	29	18-51	0	2,900	Health
Antimony Total (µg/L)	<0.5	<0.5	<0.5	0	6	Health
Arsenic Total (µg/L)	<0.5	<0.5	<0.5	0	10 (ALARA)	Health
Barium Total (µg/L)	2.4	2.8	2.5-3.5	0	2,000	Health
Boron Total (µg/L)	<10	<10	<10	0	5,000	Health
Bromate (µg/L)	<10	<10	<10	0	10	Health
Bromide (µg/L)	<10	<10	<10	N/A	None	N/A
Cadmium Total (µg/L)	<0.2	<0.2	<0.2	0	7	Health
Calcium Total (µg/L)	1,200	8,430	7,560-9,280	N/A	None	N/A
Carbon Organic - Dissolved (mg/L)	1.5	0.6	0.4-0.9	N/A	None	N/A
Carbon Organic - Total (mg/L)	1.5	0.6	0.4-0.9	N/A	None	N/A
Chlorate (µg/L)	<10	25	16-41	0	1000	Health
Chloride (mg/L)	<0.5	2.3	2.1-2.9	0	≤ 250	Aesthetic
Chromium Total (µg/L)	<0.08	<0.05	<0.05	0	50	Health
Cobalt Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Colour - Apparent (ACU)	15	<3	<2-14	N/A	None	N/A
Colour - True (TCU)	10	<1	<1-1	0	≤ 15	Aesthetic
Conductivity (µmhos/cm)	10	49	43-54	N/A	None	N/A
Copper Total (µg/L)	1.4	<0.5	<0.5	0/0	2,000/1,000	Health/Aesthetic
Cyanide Total (mg/L)	<0.02	<0.02	<0.02	0	0.2	Health
Cyanobacterial Toxins - Microcystin - LR (µg/L)	<0.20	N/A	N/A	0	1.5	Health
Fluoride (mg/L)	<0.05	<0.05	<0.05	0	1.5	Health
Haloacetic Acids Total (µg/L)	<1.1	10.4	9.5-12	0	80 (ALARA)	Health
Hardness as $CaCO_3$ (mg/L)	3.7	22.0	20.3-24.0	N/A	None	N/A
Iron Dissolved (µg/L)	51	<5	<5-9	N/A	None	N/A
Iron Total (µg/L)	154	<9	<5-64	0	≤ 300	Aesthetic
Lead Total (µg/L)	<0.5	<0.5	<0.5	0	5 (ALARA)	Health
Magnesium Total (µg/L)	176	208	181-256	N/A	None	N/A
Manganese Dissolved (µg/L)	7.4	2.8	0.9-5.0	N/A	None	N/A
Manganese Total (µg/L)	8.9	6.0	2.4-10.6	0/0	120/20	Health/Aesthetic
Mercury Total (µg/L)	<0.05	<0.05	<0.05	0	1	Health
Molybdenum Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Nickel Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Nitrogen - Ammonia as N (mg/L)	<0.02	<0.02	<0.02	N/A	None	N/A
Nitrogen - Nitrate as N (mg/L)	0.08	0.07	0.02-0.17	0	10	Health
Nitrogen - Nitrite as N (mg/L)	<0.01	<0.01	<0.01	0	1	Health
pH (pH units)	6.5	8.0	7.8-8.4	0	7.0-10.5	None
Phenol (mg/L)	<0.005	<0.005	<0.005	N/A	None	N/A
Potassium Total (µg/L)	148	172	135-228	N/A	None	N/A
Residue Total (mg/L)	15	34	31-36	N/A	None	N/A
Residue Total Dissolved (TDS) (mg/L)	10	30	30-40	0	≤ 500	Aesthetic
Residue Total Fixed (mg/L)	9	27	25-30	N/A	None	N/A
Residue Total Volatile (mg/L)	6	7	5-9	N/A	None	N/A
Selenium Total (µg/L)	<0.5	<0.5	<0.5	0	50	Health
Silica as SiO_2 (mg/L)	3.2	3.3	2.8-3.6	N/A	None	N/A
Silver Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Sodium Total (µg/L)	591	1,570	1,380-1,820	0	≤ 200,000	Aesthetic
Trihalomethanes Total (µg/L)	<4	18	16-20	0	100	Health
Turbidity (NTU)	1.3	0.15	0.07-1.2	N/A	None[3]	N/A
Uranium Total (µg/L)	0.0302	N/A	N/A	0	50	Health
UV Absorbance 254 nm (Abs/cm)	0.062	0.010	0.008-0.013	N/A	None	N/A
Zinc Total (µg/L)	<3	<3	<3-5	0	≤ 5,000	Aesthetic

[1]Untreated water is sampled from the source intake. Treated water is sampled prior to entering the Capilano transmission system.

[2]Limits are taken from the Guidelines for Canadian Drinking Water Quality summary table (September 2022).

[3]GCDWQ recommends that water entering the distribution system have turbidity levels of 1.0 NTU or less.

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SERVICES AND SOLUTIONS FOR A LIVABLE REGION

Physical and Chemical Analysis of Water Supply

2022 – Seymour Water System

	Untreated[1]	Treated[1]		Canadian Guideline		
Parameter	**Average**	**Average**	**Range**	**Days Exceeded**	**Limit[2]**	**Reason Established**
Alkalinity as $CaCO_3$ (mg/L)	3.6	22	18-24	N/A	None	N/A
Aluminum Dissolved (µg/L)	48	25	19-34	N/A	None	N/A
Aluminum Total (µg/L)	87	30	18-55	0	2,900	Health
Antimony Total (µg/L)	<0.5	<0.5	<0.5	0	6	Health
Arsenic Total (µg/L)	<0.5	<0.5	<0.5	0	10 (ALARA)	Health
Barium Total (µg/L)	2.9	2.8	2.5-3.5	0	1,000	Health
Boron Total (µg/L)	<10	<10	<10	0	5,000	Health
Bromate (µg/L)	<10	<10	<10	0	10	Health
Bromide (µg/L)	<10	<10	<10	N/A	None	N/A
Cadmium Total (µg/L)	<0.2	<0.2	<0.2	0	5	Health
Calcium Total (µg/L)	1,620	8,450	7,520-9,240	N/A	None	N/A
Carbon Organic - Dissolved (mg/L)	1.3	0.6	0.5-1.0	N/A	None	N/A
Carbon Organic - Total (mg/L)	1.4	0.6	0.4-1.0	N/A	None	N/A
Chlorate (µg/L)	<10	23	13-40	0	1000	Health
Chloride (mg/L)	<0.5	2.3	2.1-2.9	0	≤250	Aesthetic
Chromium Total (µg/L)	<0.06	<0.06	<0.05-0.07	0	50	Health
Cobalt Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Colour - Apparent (ACU)	14	<2	<2-6	N/A	None	N/A
Colour - True (TCU)	9	<1	<1-1	0	≤15	Aesthetic
Conductivity (µmhos/cm)	12	49	43-53	N/A	None	N/A
Copper Total (µg/L)	22.3	<2	<0.5-5.5	0/0	2,000/1,000	Health/Aesthetic
Cyanide Total (mg/L)	<0.02	<0.02	<0.02	0	0.2	Health
Cyanobacterial Toxins - Microcystin - LR (µg/L)	<0.20	N/A	N/A	0	1.5	Health
Fluoride (mg/L)	<0.05	<0.05	<0.05	0	1.5	Health
Haloacetic Acids Total (µg/L)	<1.1	11.7	7.8-19	0	80 (ALARA)	Health
Hardness as $CaCO_3$ (mg/L)	4.7	21.9	19.5-23.9	N/A	None	N/A
Iron Dissolved (µg/L)	74	<5	<5-7	N/A	None	N/A
Iron Total (µg/L)	168	<9	<5-22	0	≤300	Aesthetic
Lead Total (µg/L)	<0.5	<0.5	<0.5	0	5 (ALARA)	Health
Magnesium Total (µg/L)	153	210	180-266	N/A	None	N/A
Manganese Dissolved (µg/L)	5.6	3.5	1.1-6.1	N/A	None	N/A
Manganese Total (µg/L)	8.8	6.5	2.7-12.8	0	≤50	Aesthetic
Mercury Total (µg/L)	<0.05	<0.05	<0.05	0	1	Health
Molybdenum Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Nickel Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Nitrogen - Ammonia as N (mg/L)	<0.02	<0.02	<0.02	N/A	None	N/A
Nitrogen - Nitrate as N (mg/L)	0.06	0.07	0.02-0.17	0	45	Health
Nitrogen - Nitrite as N (mg/L)	<0.01	<0.01	<0.01	0	1	Health
pH (pH units)	6.5	8.0	7.7-8.3	0	7.0-10.5	None
Phenol (mg/L)	<0.005	<0.005	<0.005	N/A	None	N/A
Potassium Total (µg/L)	156	170	137-226	N/A	None	N/A
Residue Total (mg/L)	16	34	31-36	N/A	None	N/A
Residue Total Dissolved (TDS) (mg/L)	10	30	30-40	0	≤500	Aesthetic
Residue Total Fixed (mg/L)	9	27	25-30	N/A	None	N/A
Residue Total Volatile (mg/L)	6	7	5-8	N/A	None	N/A
Selenium Total (µg/L)	<0.5	<0.5	<0.5	0	50	Health
Silica as SiO_2 (mg/L)	3.2	3.3	2.8-3.6	N/A	None	N/A
Silver Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Sodium Total (µg/L)	558	1,550	1,390-1,810	0	≤200,000	Aesthetic
Trihalomethanes Total (µg/L)	<4	16	16-17	0	100	Health
Turbidity (NTU)	0.58	0.15	0.07-0.28	N/A	None[3]	N/A
Uranium Total (µg/L)	0.0198	N/A	N/A	0	50	Health
UV Absorbance 254 nm (Abs/cm)	0.058	0.010	0.008-0.015	N/A	None	N/A
Zinc Total (µg/L)	<5	<3	<3-3	0	≤5,000	Aesthetic

[1]Untreated water is sampled prior to the SCFP. Treated water is sampled prior to entering the Seymour transmission system.

[2]Limits are taken from the Guidelines for Canadian Drinking Water Quality summary table (September 2022).

[3]GCDWQ recommends that water entering the distribution system have turbidity levels of 1.0 NTU or less.

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SERVICES AND SOLUTIONS FOR A LIVABLE REGION

Physical and Chemical Analysis of Water Supply

2022 – Coquitlam Water System

	Untreated[1]	Treated[1]		Canadian Guideline		
Parameter	**Average**	**Average**	**Range**	**Days Exceeded**	**Limit[2]**	**Reason Established**
Alkalinity as $CaCO_3$ (mg/L)	1.9	21	20-26	N/A	**None**	N/A
Aluminum Dissolved (µg/L)	59	68	51-85	N/A	None	N/A
Aluminum Total (µg/L)	81	83	61-106	0	2,900	Health
Antimony Total (µg/L)	<0.5	<0.5	<0.5	0	6	Health
Arsenic Total (µg/L)	<0.5	<0.5	<0.5	0	10[1]	Health
Barium Total (µg/L)	2.6	2.4	1.7-3.6	0	1,000	Health
Boron Total (µg/L)	<10	<10	<10	0	5,000	Health
Bromate (µg/L)	<10	<10	<10	0	10	Health
Bromide (µg/L)	<10	<10	<10		None	N/A
Cadmium Total (µg/L)	<0.2	<0.2	<0.2	0	5	Health
Calcium Total (µg/L)	807	911	706-2,300	N/A	None	N/A
Carbon Organic - Dissolved (mg/L)	1.5	1.4	1.1-2.0	N/A	None	N/A
Carbon Organic - Total (mg/L)	1.6	1.4	1.2-2.1	N/A	None	N/A
Chlorate (µg/L)	<10	52	32-85	0	1,000	Health
Chloride (mg/L)	<0.5	2.1	1.9-2.3	0	≤250	Aesthetic
Chromium Total (µg/L)	<0.06	<0.05	<0.05-0.05	0	50	Health
Cobalt Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Colour - Apparent (ACU)	12	<3	<2-8	N/A	None	N/A
Colour - True (TCU)	9	<1	<1-6	0	≤15	Aesthetic
Conductivity (µmhos/cm)	8	45	40-53	N/A	None	N/A
Copper Total (µg/L)	4.4	<0.5	<0.5	0/0	2,000/1,000	Health/Aesthetic
Cyanide Total (mg/L)	<0.02	<0.02	<0.02	0	0.2	Health
Cyanobacterial Toxins - Microcystin - LR (µg/L)	<0.20	N/A	N/A	0	1.5	Health
Fluoride (mg/L)	<0.05	<0.05	<0.05	0	1.5	Health
Haloacetic Acids Total (µg/L)	<1.1	7.4	4.2-12	0	80[1]	Health
Hardness as $CaCO_3$ (mg/L)	2.4	2.7	2.1-6.2	N/A	None	N/A
Iron Dissolved (µg/L)	18	19	12-35	N/A	None	N/A
Iron Total (µg/L)	48	49	25-76	0	≤300	Aesthetic
Lead Total (µg/L)	<0.5	<0.5	<0.5	0	5[1]	Health
Magnesium Total (µg/L)	93	94	77-110	N/A	None	N/A
Manganese Dissolved (µg/L)	3.9	2.7	1.6-3.7	N/A	None	N/A
Manganese Total (µg/L)	4.4	3.6	2.0-4.8	0	≤50	Aesthetic
Mercury Total (µg/L)	<0.05	<0.05	<0.05	0	1	Health
Molybdenum Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Nickel Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Nitrogen - Ammonia as N (mg/L)	<0.02	<0.02	<0.02	N/A	None	N/A
Nitrogen - Nitrate as N (mg/L)	0.07	0.08	0.04-0.11	0	45	Health
Nitrogen - Nitrite as N (mg/L)	<0.01	<0.01	<0.01	0	1	Health
pH (pH units)	6.3	8.2	7.6-8.9	0		None
Phenol (mg/L)	<0.005	<0.005	<0.005	N/A	None	N/A
Potassium Total (µg/L)	147	144	102-234	N/A	None	N/A
Residue Total (mg/L)	12	35	33-37	N/A	None	N/A
Residue Total Dissolved (TDS) (mg/L)	9	30	30	0	≤500	Aesthetic
Residue Total Fixed (mg/L)	6	23	20-24	N/A	None	N/A
Residue Total Volatile (mg/L)	6	12	9-14	N/A	None	N/A
Selenium Total (µg/L)	<0.5	<0.5	<0.5	0	50	Health
Silica as SiO_2 (mg/L)	2.4	2.4	2.2-2.5	N/A	None	N/A
Silver Total (µg/L)	<0.5	<0.5	<0.5	N/A	None	N/A
Sodium Total (µg/L)	448	10,300	9,000-11,100	0	≤200,000	Aesthetic
Trihalomethanes Total (µg/L)	<4	8	6-12	0	100	Health
Turbidity (NTU)	<0.4	0.36	0.13-4.5	N/A	None[3]	N/A
Uranium Total (µg/L)	0.0491	N/A	N/A	0	50	Health
UV 254 - Apparent (Abs/cm)	0.065	0.023	0.016-0.057	N/A	None	N/A
UV Absorbance 254 nm (Abs/cm)	0.059	0.020	0.013-0.050	N/A	None	N/A
Zinc Total (µg/L)	<3	<3	<3-5	0	≤5,000	Aesthetic

[1]Untreated water is sampled from the source intake. Treated water is sampled prior to entering the Coquitlam transmission system.

[2]Limits are taken from the Guidelines for Canadian Drinking Water Quality summary table (September 2022).

[3]GCDWQ recommends that water entering the distribution system have turbidity levels of 1.0 NTU or less.

APPENDIX C — ANALYSIS OF WATER FOR ORGANIC COMPONENTS AND RADIONUCLIDES

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Analysis of Source Waters for Herbicides, Pesticides, and other Organic Compounds

Parameter	Capilano (µg/L)	Seymour (µg/L)	Coquitlam (µg/L)	MAC (µg/L)	AO (µg/L)
	Jul 26	Jul 26	Jul 26		
Herbicides					
2,4-D	<1.0	<1.0	<1.0	100	None
Bromoxynil	<0.50	<0.50	<0.50	30	None
Dicamba	<1.0	<1.0	<1.0	110	None
Diclofop-methyl	<0.90	<0.90	<0.90	None	None
Diquat	<7.0	<7.0	<7.0	50	None
Diuron	<10	<10	<10	None	None
Glyphosate	<10	<10	<10	280	None
MCPA	<10	<10	<10	350	None
Metribuzin (Sencor)	<5.0	<5.0	<5.0	80	None
Paraquat	<1.0	<1.0	<1.0	None	None
Picloram	<5.0	<5.0	<5.0	None	None
Pesticides					
Atrazine	<0.50	<0.50	<0.50	5	None
Carbaryl	<5.0	<5.0	<5.0	None	None
Carbofuran	<5.0	<5.0	<5.0	None	None
Chlorpyrifos (Dursban)	<1.0	<1.0	<1.0	90	None
Diazinon	<1.0	<1.0	<1.0	None	None
Dimethoate	<2.5	<2.5	<2.5	20	None
Guthion (Azinphos-methyl)	<2.0	<2.0	<2.0	None	None
Malathion	<5.0	<5.0	<5.0	190	None
Metolachlor	<0.50	<0.50	<0.50	None	None
Phorate (Thimet)	<0.50	<0.50	<0.50	None	None
Simazine	<1.0	<1.0	<1.0	None	None
Terbufos	<0.50	<0.50	<0.50	None	None
Trifluralin	<1.0	<1.0	<1.0	None	None
Other Organic Compounds					
Phenolics					
2,3,4,6-tetrachlorophenol	<0.50	<0.50	<0.50	None	None
2,4,6-trichlorophenol	<0.50	<0.50	<0.50	5	≤2
2,4-dichlorophenol	<0.25	<0.25	<0.25	None	None
Pentachlorophenol	<0.50	<0.50	<0.50	60	≤30

Analysis of Source Waters for Herbicides, Pesticides, and other Organic Compounds Con't.

Parameter	Capilano (µg/L)	Seymour (µg/L)	Coquitlam (µg/L)	MAC (µg/L)	AO (µg/L)
	Jul 26	Jul 26	Jul 26		
Volatile Organics					
1,1-dichloroethene	<0.50	<0.50	<0.50	14	None
1,2-dichlorobenzene	<0.50	<0.50	<0.50	None	None
1,2-dichloroethane	<0.50	<0.50	<0.50	5	None
1,4-dichlorobenzene	<0.50	<0.50	<0.50	5	≤1
Benzene	<0.40	<0.40	<0.40	5	None
Carbon tetrachloride	<0.50	<0.50	<0.50	2	None
Chlorobenzene	<0.50	<0.50	<0.50	None	None
Dibromomethane	<0.90	<0.90	<0.90	None	None
Dichloromethane	<2.0	<2.0	<2.0	50	None
Ethylbenzene	<0.40	<0.40	<0.40	140	1.6
Methyl-tert-butylether (MTBE)	<4.0	<4.0	<4.0	None	≤15
Tetrachloroethene	<0.50	<0.50	<0.50	10	N/A
Toluene	<0.40	<0.40	<0.40	60	24
Trichloroethene	<0.50	<0.50	<0.50	5	None
Vinyl chloride	<0.50	<0.50	<0.50	2 (ALARA)	None
m & p-Xylene	<0.40	<0.40	<0.40	None	None
o-Xylene	<0.40	<0.40	<0.40	None	None
Xylenes (Total)	<0.40	<0.40	<0.40	90	20
Miscellaneous					
Nitrilotriacetic Acid : Nitrilotriacetic acid (NTA) (mg/L)	<0.050	<0.050	<0.050	0.4 mg/L	None
N-Nitrosodimethylamine (NDMA) (ng/L)	<2.2	<2.2	<2.1	40 ng/L	None

Monitoring of Selected GVWD Water Mains for BTEX

Parameter	Maple Ridge Main (µg/L)		Barnston Island Main at Willoughby Pump Station (µg/L)		Jericho Clayton Main (µg/L)		South Burnaby Main No. 2 (µg/L)		MAC (µg/L)	AO (µg/L)
	May 16	Dec 1	May 17	Dec 8	May 17	Dec 1	May 17	Nov 29		
Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	5	None
Ethyl Benzene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	140	1.6
Toluene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	60	24
m & p-Xylene	<1	<1	<1	<1	<1	<1	<1	<1	None	None
o-Xylene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	None	None
Total Xylenes	<1	1	<1	1	<1	1	<1	1	90	20
Total BTEX	<1	2	1	1	<1	2	<1	1	None	None

Analysis of Source Water for PAHs

Parameter	Capilano (µg/L)			Seymour (µg/L)			Coquitlam (µg/L)		
	May 16	Jul 26	Nov 29	May 16	Jul 26	Nov 28	May 16	Jul 26	Dec 1
1-Methylnaphthalene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
2-Methylnaphthalene	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Acenaphthene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Acenaphthylene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Acridine	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Anthracene	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)anthracene	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo(a)pyrene[1]	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Benzo(b&j)fluoranthene	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Benzo(g,h,i)perylene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo(k)fluoranthene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chrysene	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Dibenz(a,h)anthracene	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
Fluoranthene	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Indeno(1,2,3-cd)pyrene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Naphthalene	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenanthrene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Pyrene	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Quinoline	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Total PAHs	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

[1]Benzo(a)pyrene is the only PAH compound that has a GCDWQ limit. Maximum Acceptable Concentration of Benzo(a)pyrene is 0.04 µg/L.

Analysis of Selected GVWD Mains for PAHs

Parameters	Coquitlam Main No. 2 (µg/L)		Westburnco Reservoir (µg/L)		Barnston Island Main (µg/L)		Annacis Main No. 4 (µg/L)		Whalley - Kennedy Link Main (µg/L)		Haney Main No. 2 (µg/L)		36 Ave. Main (µg/L)	
	May 16	Nov 30	May 17	Dec 1	May 17	Dec 1	May 16	Nov 29	May 17	Dec 6	May 16	Dec 1	May 17	Dec 2
1-Methylnaphthalene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
2-Methylnaphthalene	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Acenaphthene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Acenaphthylene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Acridine	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Anthracene	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benz[a]anthracene	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Benzo[a]pyrene	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Benzo[b+j]fluoranthene	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Benzo[g,h,i]perylene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Benzo[k]fluoranthene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chrysene	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Dibenz[a,h]anthracene	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030
Fluoranthene	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Fluorene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Indeno[1,2,3-c,d]pyrene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Naphthalene	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Phenanthrene	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Pyrene	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Quinoline	<0.020	<0.020	<0.020	0.028	<0.020	<0.020	<0.020	<0.020	0.021	<0.020	0.023	<0.020	<0.020	<0.020
Total PAHs	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

[1]Benzo(a)pyrene is the only PAH compound that has a GCDWQ limit. Maximum Acceptable Concentration of Benzo(a)pyrene is 0.04 µg/L.

Analysis of Source Water for Radionuclides

Parameter	Capilano (Bq/L)	Seymour (Bq/L)	Coquitlam (Bq/L)	MAC (Bq/L)
	Jul 26	Jul 26	Jul 26	
Gross Alpha	<0.10	<0.10	<0.10	0.5
Gross Beta	<0.10	<0.10	<0.10	1
Cesium-134	<1	<1	<1	None
Cesium-137	<1	<1	<1	10
Iodine-131	<1	<1	<1	6
Lead-210	<0.10	<0.10	<0.10	0.2
Manganese-54	<1	<1	<1	None
Radium 226	<0.010	<0.010	<0.010	0.5
Radon-222	<10	<10	<10	None
Strontium-90	<0.10	<0.10	<0.10	7
Tritium	<20	<20	<20	7,000
Zinc-65	<1	<1	<1	None

APPENDIX D — METRO VANCOUVER DETECTION OF WATERBORNE *CRYPTOSPORIDIUM* AND *GIARDIA* JANUARY - DECEMBER 2022 ANNUAL REPORT

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Metro Vancouver
Detection of Waterborne *Cryptosporidium* and *Giardia*

January - December, 2022
Annual Report

February 2023

Dr. Natalie Prystajecky, Program Head
Christine Tchao, Team Lead
Tracy Chan, Technical Coordinator
Angela Kong, Technical Coordinator
Jenny Jeong, Technical Coordinator

Environmental Microbiology
BCCDC Public Health Laboratory
Provincial Health Services Authority

Metro Vancouver
Detection of Waterborne *Cryptosporidium and Giardia*
January - December 2022 Annual Report

Purpose

To detect and quantify *Cryptosporidium* oocysts and *Giardia* cysts from Metro Vancouver reservoirs (Capilano, Coquitlam and Seymour), as well as from the Recycled Clarified Water (RCW) from Seymour-Capilano Filtration Plant (SCFP).

Introduction

Cryptosporidium and *Giardia* species are parasites that infect the intestinal tracts of a wide range of warm-blooded animals. In humans, infection with *Cryptosporidium* species or *Giardia lamblia* can cause gastroenteritis. Since *Cryptosporidium* oocysts and *Giardia* cysts are resistant to chlorination, they are of great concern for drinking water purveyors (1-3). On behalf of Metro Vancouver, the Environmental Microbiology Laboratory at BCCDC Public Health Laboratory (BCCDC PHL) examined the source water of Capilano, Coquitlam and Seymour reservoirs, as well as Recycled Clarified Water (RCW) at the Seymour-Capilano Filtration Plant (SCFP) for the presence of *Cryptosporidium* oocysts and *Giardia* cysts. All sample collection, testing, analysis and reporting occurred on a monthly basis using a validated method.

Methods

The Environmental Microbiology Laboratory at BCCDC PHL follows the United States Environmental Protection Agency (USEPA) Method 1623.1: *Cryptosporidium* and *Giardia* in Water by Filtration/IMS/FA (4) for the detection of oocysts and cysts in water. As stated by Method 1623.1, the performance is based on the method applicable for the quantification of *Cryptosporidium* and *Giardia* in aqueous matrices. It requires the filtration of a large volume of water and immunomagnetic separation (IMS) to concentrate and purify the oocysts and cysts from sample material captured. After the IMS purification, immunofluorescence microscopy was performed to identify and enumerate oocysts and cysts. 4'-6-diamidino-2-phenylindole staining (DAPI) and differential interference contrast microscopy (DIC) are used to confirm internal structures of the cysts and oocysts.

Raw water samples were collected by the Metro Vancouver at specific sampling sites at the reservoirs and filtration plants on the scheduled date each month. A desired volume of samples were filtered in the field using Pall Life Science Envirochek HV filters. After collection and filtration, the Envirochek HV filters were transported to the Environmental Microbiology Laboratory at BCCDC PHL, where they were processed and analysed within 96 hours. Positive and negative controls were included for the entire process to assess the performance of the method. Matrix spike testing was also performed at scheduled collection periods, annually for baseline assessment.

Results & Discussions

In 2022, 41 sample filters (excluding matrix spikes) were examined in total. These include:

- 12 Envirochek HV filters from Capilano reservoir
- 12 Envirochek HV filters from Coquitlam reservoir
- 12 Envirochek HV filters from SCFP-RCW
- 5 Envirocheck HV filters from Seymour reservoir

Table 1 and Figures 1-3 show the summary of all results. Detailed results per collection site can be found in Tables A1-A4 in Appendix A.

	Capilano Reservoir		Coquilam Reservoir		Seymour Capilano Filtration Plant – Recycled Clarified Water		Seymour Reservoir	
# of Filter Tested	12		12		12		5	
Average volume (L) Filtered per Month	48.3		49.6		279.9		39.2	
Average Detection Limit (oo)cysts per 100 L	<2.0		<2.0		0.66		2.69	
	Cryptosporidium	*Giardia*	*Cryptosporidium*	*Giardia*	*Cryptosporidium*	*Giardia*	*Cryptosporidium*	*Giardia*
# Positive Filters	0	2	0	1	0	0	0	0
% Positive Filters	0%	17%	0%	8%	0%	0%	0%	0%
Max Count (oo)cysts per 100 L	0	2	0	2	0	0	0	0

Table 1. Metro Vancouver Filter Result Summary in 2022

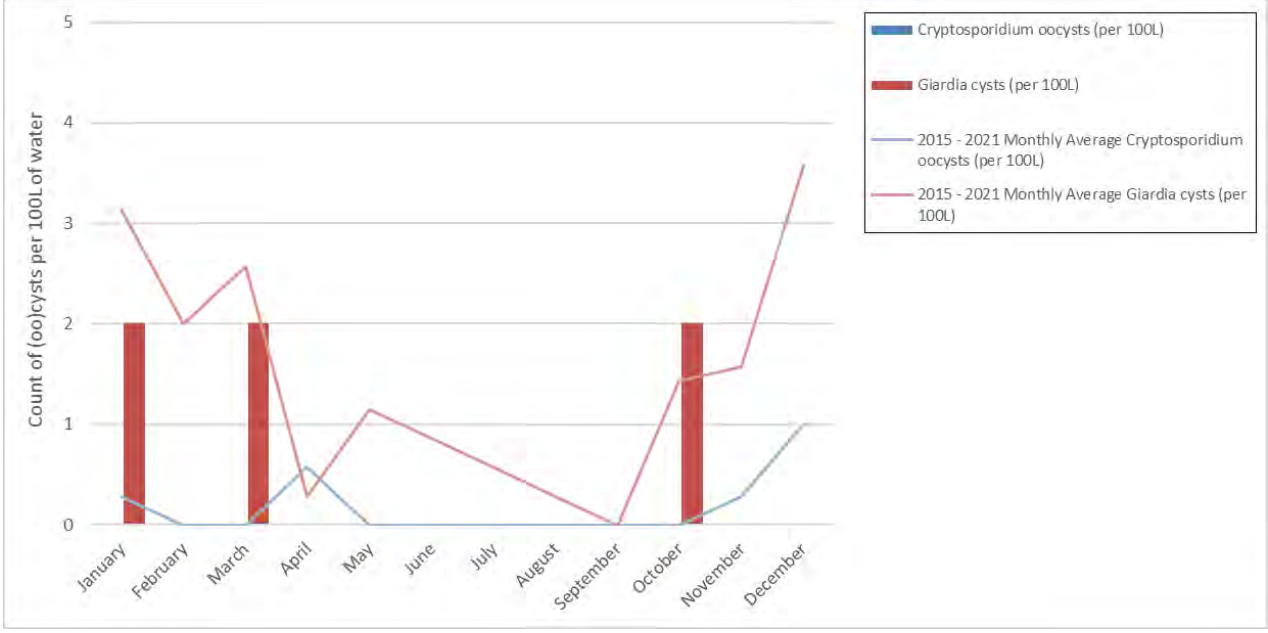

Figure 1. Capilano Reservoir *Cryptosporidium* Oocysts and *Giardia* Cysts Counts per 100 Litres of Raw Water in 202

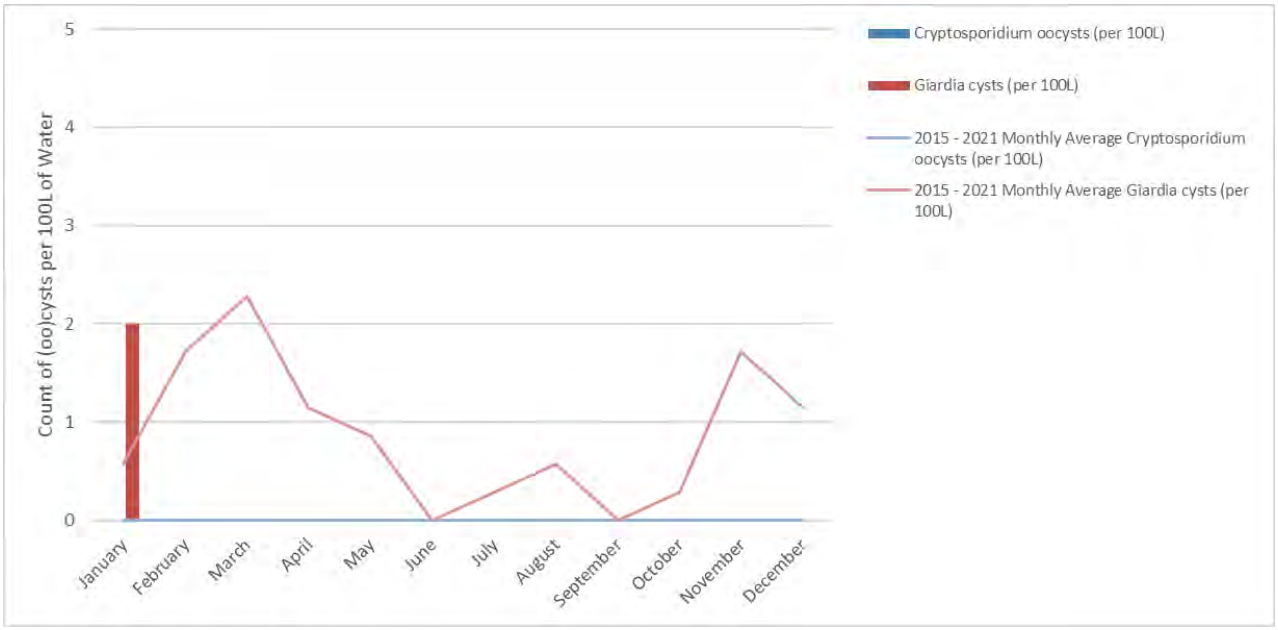

Figure 2: Coquitlam Reservoir *Cryptosporidium* Oocysts and *Giardia* Cysts Counts per 100 Litres of Raw Water in 2022

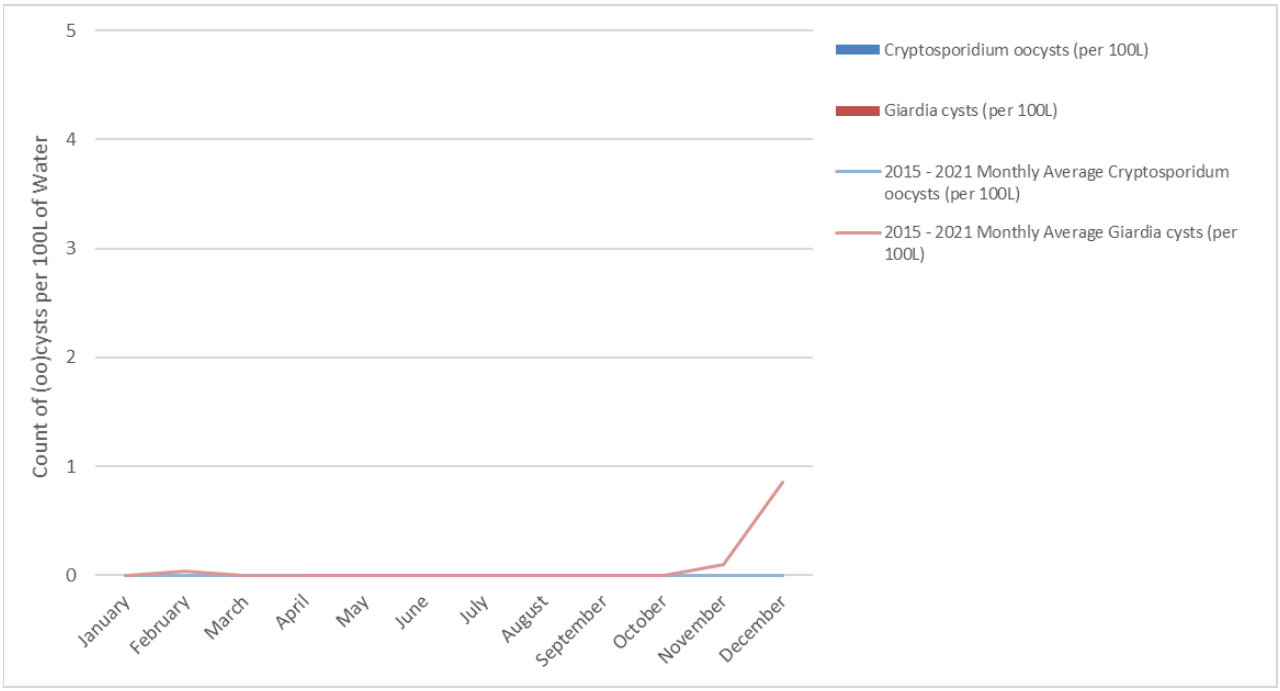

Figure 3: Seymour Capilano Filtration Plant - Recycled Clarified Water *Cryptosporidium* Oocysts and *Giardia* Cysts Counts per 100 Litres of Raw Water in 2022

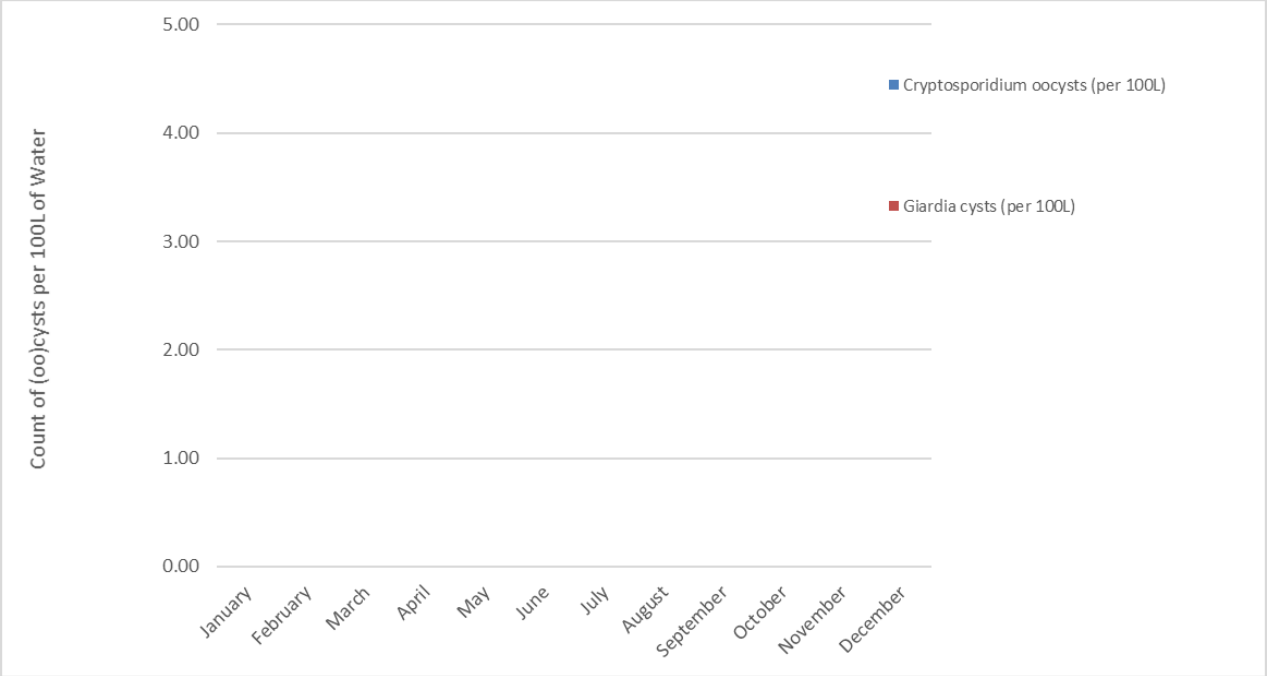

Figure 4: Seymour Reservoir *Cryptosporidium* Oocysts and *Giardia* Cysts Counts per 100 Litres of Raw Water in 2022

Overall, similar trends were observed for both *Cryptosporidium* and *Giardia* in 2022, in comparison to historical data in 2015-2021. Testing for Seymour reservoir started in July 2022, therefore there is no historical data for comparison. There were no detections of *Cryptosporidium* or *Giardia* at this site in 2022.

DAPI staining is used as part of the confirmation of the internal structure of *Cryptosporidium* oocysts and *Giardia* cysts. DIC microscopy is used primarily for *Cryptosporidium* oocyst and *Giardia* cyst confirmation but it can also serve as an indicator of oocysts/cysts cytoplasm and cell wall integrity. While no median body (or axoneme) was observed for all *Giardia* cysts detected, the cytoplasm was observed indicating that the cysts were not empty and could be viable.

Summary of morphological results are listed in Tables 2 and 3. Detailed results for staining by IFA, DAPI and internal morphology, as determined through DIC microscopy, for every identified cyst and oocyst were recorded in Tables A5-A12 in Appendix A.

Site	Count of oocysts	DAPI -	DAPI +		DIC		
		Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Nuclei stained sky blue	Empty oocysts	Oocysts with amorphous structure	Oocysts with internal structure, sporozoites
Capilano	0	0	0	0	0	0	0
		0.0%	0.0%		0.0%	0.0%	0.0%
Coquitlam	0	0	0	0	0	0	0
		0.0%	0.0%		0.0%	0.0%	0.0%
SCFP-RCW	0	0	0	0	0	0	0
		0.0%	0.0%		0.0%	0.0%	0.0%
Seymour	0	0	0	0	0	0	0
		0.0%	0.0%		0.0%	0.0%	0.0%

Table 2. 2022 Summary of morphological results for *Cryptosporidium* oocysts observed under fluorescence microscope

Site	Count of cysts	DAPI -	DAPI +		DIC				
		Light blue internal staining, no distinct	Intense blue internal staining	Nuclei stained sky blue	Empty cysts	Cysts with amorphous structure	Cysts with internal structure		
							Nuclei	Median Body	Axoneme
Capilano	2	1	1	0	0	2	0	0	0
		50.0%	50.0%		0.0%	100.0%		0.0%	0.0%
Coquitlam	1	0	0	3	0	0	1	0	0
		0.0%	0.0%		0.0%	0.0%		0.0%	0.0%
SCFP-RCW	0	0	0	0	0	0	0	0	0
		0.0%	0.0%		0.0%	0.0%		0.0%	0.0%
Seymour	0	0	0	0	0	0	0	0	0
		0.0%	0.0%		0.0%	0.0%		0.0%	0.0%

Table 3: 2022 Summary of morphological results for *Giardia* cysts observed under fluorescence microscope

DAPI staining is used as an indicator of nuclei integrity by staining the DNA. It can also approximate oocysts/cysts integrity; the absence of nuclei is indicative of an aged, damaged or non-infective cell. A number of oocysts and cysts observed across all sites had no visible nuclei indicating that they were aged and likely subjected to environmental degradation (Table 4). However, they were likely in previous infective state.

Number of Nuclei per (oo)cyst	0*	1	2	3	4	Total # of (oo)cysts
***Cryptosporidium* oocysts**						
Capilano	0	0	0	0	0	0
Coquitlam	0	0	0	0	0	0
SCFP-RCW	0	0	0	0	0	0
***Giardia* cysts**						
Capilano	2	0	0	0	0	2
Coquitlam	0	0	0	1	0	1
SCFP-RCW	0	0	0	0	0	0

Table 4: 2022 Number of nuclei in each *Cryptosporidium* oocysts and *Giardia* cysts. *DAPI negative or only intense blue internal staining.

Due to the variations of water chemistry and organic matters between geographical area and temporally within each sampling sites, a matrix spike is performed annually to provide recovery rate estimation from each site. The results of the matrix spike recovery (2007-2022) are compiled in Table 5. Matrix recovery rates fluctuate from year-to-year, even within each site. This variation is not uncommon for the test and has been noted in USEPA's Method 1623.1.

Matrix testing in 2022 was completed in both summer and winter on two separate sampling events at each site. 50L were provided from each site and the percentage recovery for *Cryptosporidium* oocysts and *Giardia* cysts and were noted in Table 5. One of the carboys containing 10L of matrix water from Capilano reservoir leaked in transit and was not used in testing; therefore the Capilano 2022 Fall/Winter matrix testing was performed with only 40L of water.

Year	Capilano		Coquitlam		SCFP - Recycled Clarified Water		Seymour	
	Cryptosporidium % Recovery	*Giardia* % Recovery	*Cryptosporidium* % Recovery	*Giardia* % Recovery	*Cryptosporidium* % Recovery	*Giardia* % Recovery	*Cryptosporidium* % Recovery	*Giardia* % Recovery
2007	27.6%	37.4%	28.0%	54.0%	not collected		not collected	
2008	25.0%	55.0%	28.0%	39.0%	not collected		not collected	
2009	10.0%	40.0%	16.0%	37.0%	not collected		not collected	
2010	28.0%	43.0%	26.0%	49.0%	17.0%	13.0%	not collected	
2011	27.0%	44.0%	22.0%	47.0%	1.0%	0.0%	not collected	
2012	38.4%	76.5%	35.0%	49.0%	7.0%	13.7%	not collected	
2013	22.4%	59.4%	16.3%	64.4%	6.1%	14.9%	not collected	
2014	not collected		55.0%	39.4%	18.0%	14.1%	not collected	
2015	26.3%	40.4%	2.0%	60.6%	9.1%	26.5%	not collected	
2016	35.4%	47.5%	22.2%	50.5%	9.1%	14.0%	not collected	
2017	20.2%	38.4%	22.2%	21.2%	0.0%	2.0%	not collected	
2018	43.4%	75.8%	17.1%	59.6%	1.0%	11.1%	not collected	
2019	0.0%	43.0%	1.0%	55.0%	0.0%	4.1%	not collected	
2020	5.1%	37.4%	8.1%	59.8%	0.0%	4.0%	not collected	
2021 June	2.0%	53.0%	0.0%	35.0%	5.1%	38.0%	not collected	
2021 November	11.1%	52.0%	15.2%	80.0%	0.0%	8.0%	not collected	
2022 Summer	12.1%	17.0%	4.0%	13.0%	0.0%	11.0%	0.0%	19.0%
2022 Fall/Winter	0.0%	12.2%	5.1%	49.0%	1.0%	36.7%	not collected	

Table 5: Matrix Results from 2007 - 2022

Summary

In brief, we reported:

1. Overall, a low but consistent positivity rate was observed across all sites, except for Seymour reservoir, for both *Cryptosporidium* oocysts and *Giardia* cysts. Seymour reservoir is a new site this year and more data will be required for any trend analysis.

2. *Cryptosporidium* oocysts were not detected the following sites: Capilano reservoir, Coquitlam reservoir, SCFP-RCW and Seymour reservoir.

3. *Giardia* cysts were detected in filters from Capilano and Coquitlam reservoirs but not from SCFP-RCW or Seymour reservoir. 17% of all filters received from Capilano were positive for *Giardia*, and 8% of all filters received from Coquitlam were positive for *Giardia*, and there were no *Giardia* cysts detected for SCFP-RCW or Seymour reservoir.

4. The highest concentration of *Giardia* cysts detected in 2022 was 2 cysts per 100 L from Capilano reservoir in January and October, as well as from Coquitlam reservoir in January.

5. Most of the *Giardia* cysts detected showed evidence of environmental degradation, based on microscopic examination. .

6. Matrix recovery for *Cryptosporidium* oocyst continued to be low, which is consistent with previous years. The additional matrix collection in the summer did not confirm suspected seasonality variabilities for this year. Further summer matrix collections are recommended to continue this investigation.

These *semi-quantitative* data (reported oocyst and cyst levels) should be interpreted in the context of, and with the understanding that the current standard laboratory method, USEPA Method 1623.1, used for detecting and analysing parasites in water matrices has its limitations, with variable recovery rates depending on the water matrix and environmental conditions.

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Appendix A

Lab #	Site Sampled	Month	Date Sampled	Volume filtered (L)	Detection Limit (per 100L)	*Cryptosporidium* oocysts (per 100L)	*Giardia* cysts (per 100L)	2015 - 2021 Monthly Average	
								Cryptosporidium oocysts (per 100L)	*Giardia* cysts (per 100L)
8224	Capilano Reservoir	January	January 17, 2022	50	<2.0	0	2	0.3	3.1
8229	Capilano Reservoir	February	Febuary 14, 2023	50	<2.0	0	0	0.0	2.0
8234	Capilano Reservoir	March	March 21, 2022	50	<2.0	0	0	0.0	2.6
8239	Capilano Reservoir	April	April 11, 2022	50	<2.0	0	0	0.6	0.3
8249	Capilano Reservoir	May	May 16, 2022	50	<2.0	0	0	0.0	1.1
8254	Capilano Reservoir	June	June 20, 2022	50	<2.0	0	0	0.0	0.9
8262	Capilano Reservoir	July	July 18, 2022	50	<2.0	0	0	0.0	0.6
8270	Capilano Reservoir	August	August 22, 2022	50	<2.0	0	0	0.0	0.3
8278	Capilano Reservoir	September	September 26, 2022	30	<3.3	0	0	0.0	0.0
8293	Capilano Reservoir	October	October 31, 2022	50	<2.0	0	2	0.0	1.4
8300	Capilano Reservoir	November	November 21, 2022	50	<2.0	0	0	0.3	1.6
8307	Capilano Reservoir	December	December 12, 2022	50	<2.0	0	0	1.0	3.6
			2022 Average	48.3	<2.0	0	0.3		

Table A1. Capilano Reservoir Monthly Filter Results in 2022

Lab #	Site Sampled	Month	Date Sampled	Volume filtered (L)	Detection Limit (per 100L)	*Cryptosporidium* oocysts (per 100L)	*Giardia* cysts (per 100L)	2015 - 2021 Monthly Average	
								Cryptosporidium oocysts (per 100L)	*Giardia* cysts (per 100L)
8225	Coquitlam Reservoir	January	January 17, 2022	50	<2.0	0	2	0.0	0.6
8230	Coquitlam Reservoir	February	Febuary 14, 2024	50	<2.0	0	0	0.0	1.7
8235	Coquitlam Reservoir	March	March 21, 2022	50	<2.0	0	0	0.0	2.3
8240	Coquitlam Reservoir	April	April 11, 2022	50	<2.0	0	0	0.0	1.1
8250	Coquitlam Reservoir	May	May 16, 2022	50	<2.0	0	0	0.0	0.9
8255	Coquitlam Reservoir	June	June 20, 2022	50	<2.0	0	0	0.0	0.0
8263	Coquitlam Reservoir	July	July 18, 2022	50	<2.0	0	0	0.0	0.3
8271	Coquitlam Reservoir	August	August 22, 2022	50	<2.0	0	0	0.0	0.6
8279	Coquitlam Reservoir	September	September 26, 2022	45	<2.2	0	0	0.0	0.0
8294	Coquitlam Reservoir	October	October 31, 2022	50	<2.0	0	0	0.0	0.3
8301	Coquitlam Reservoir	November	November 21, 2022	50	<2.0	0	0	0.0	1.7
8308	Coquitlam Reservoir	December	December 12, 2022	50	<2.0	0	0	0.0	1.1
			2022 Average	49.6	<2.0	0	0		

Table A2. Coquitlam Reservoir Monthly Filter Results in 2022

Lab #	Site Sampled	Month	Date Sampled	Volume filtered (L)	Detection Limit (per 100L)	*Cryptosporidium* oocysts (per 100L)	*Giardia* cysts (per 100L)	2015 - 2021 Monthly Average	
								Cryptosporidium oocysts (per 100L)	*Giardia* cysts (per 100L)
8226	SCFP - Recycled Clarified Water	January	January 18, 2022	898	0.111	0	0	0.0	0.0
8231	SCFP - Recycled Clarified Water	February	Febuary 15, 2022	319.7	<0.31	0	0	0.0	0.0
8236	SCFP - Recycled Clarified Water	March	March 22, 2022	168.5	<0.59	0	0	0.0	0.0
8241	SCFP - Recycled Clarified Water	April	April 12, 2022	343.7	<0.29	0	0	0.0	0.0
8251	SCFP - Recycled Clarified Water	May	May 17, 2022	259.8	<0.38	0	0	0.0	0.0
8256	SCFP - Recycled Clarified Water	June	June 21, 2022	327.5	<0.31	0	0	0.0	0.0
8264	SCFP - Recycled Clarified Water	July	July 19, 2022	91.1	<1.1	0	0	0.0	0.0
8273	SCFP - Recycled Clarified Water	August	August 24, 2022	59	<1.7	0	0	0.0	0.0
8281	SCFP - Recycled Clarified Water	September	September 27, 2022	102.5	<0.97	0	0	0.0	0.0
8285	SCFP - Recycled Clarified Water	October	October 18, 2022	50	<1.53	0	0	0.0	0.0
8303	SCFP - Recycled Clarified Water	November	November 22, 2022	207.1	<0.48	0	0	0.0	0.1
8310	SCFP - Recycled Clarified Water	December	December 13, 2022	531.9	<0.19	0	0	0.0	0.9
			2022 Average	279.9	0.66	0	0		

Table A3. Seymour Capilano Filtration Plant - Recycled Clarified Water (SCFP-RCW) Monthly Filter Results in 2022

Lab #	Site Sampled	Month	Date Sampled	Volume filtered (L)	Detection Limit (per 100L)	*Cryptosporidium* oocysts (per 100L)	*Giardia* cysts (per 100L)
n/a	Seymour Reservoir	January	not sampled				
n/a	Seymour Reservoir	February	not sampled				
n/a	Seymour Reservoir	March	not sampled				
n/a	Seymour Reservoir	April	not sampled				
n/a	Seymour Reservoir	May	not sampled				
n/a	Seymour Reservoir	June	not sampled				
8265	Seymour Reservoir	July	July 18, 2022	50	<2.0	0	0
8272	Seymour Reservoir	August	August 22, 2022	36	<2.0	0	0
8280	Seymour Reservoir	September	September 26, 2022	30	<3.3	0	0
n/a	Seymour Reservoir	October	not sampled				
8302	Seymour Reservoir	November	November 21, 2022	30	<3.33	0	0
8309	Seymour Reservoir	December	December 12, 2022	50	<2.0	0	0
			2022 Average	39.2	2.69	0	0

Table A4. Seymour Reservoir Monthly Filter Results in 2022

			Cryptosporidium								
			Cryptosporidium			DAPI -	DAPI +		DIC		
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty oocysts	Oocysts with amorphous structure	Oocysts with internal structure, Number of sporozoites
8224	Capilano Reservoir	January 16, 2022	0								
8229	Capilano Reservoir	February 13, 2022	0								
8234	Capilano Reservoir	March 20, 2022	0								
8239	Capilano Reservoir	April 10, 2022	0								
8249	Capilano Reservoir	May 15, 2022	0								
8254	Capilano Reservoir	June 19, 2022	0								
8262	Capilano Reservoir	July 17, 2022	0								
8270	Capilano Reservoir	August 21, 2022	0								
8278	Capilano Reservoir	September 25, 2022	0								
8293	Capilano Reservoir	October 30, 2022	0								
8300	Capilano Reservoir	November 20, 2022	0								
8307	Capilano Reservoir	December 11, 2022	0								

Table A5. Capilano Reservoir Slide Examination Results - *Cryptosporidium* 2022

			Cryptosporidium								
			Cryptosporidium			DAPI -	DAPI +		DIC		
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty oocysts	Oocysts with amorphous structure	Oocysts with internal structure, Number of sporozoites
8225	Coquitlam Reservoir	January 16, 2022	0								
8230	Coquitlam Reservoir	February 13, 2022	0								
8235	Coquitlam Reservoir	March 20, 2022	0								
8240	Coquitlam Reservoir	April 10, 2022	0								
8250	Coquitlam Reservoir	May 15, 2022	0								
8255	Coquitlam Reservoir	June 19, 2022	0								
8263	Coquitlam Reservoir	July 17, 2022	0								
8271	Coquitlam Reservoir	August 21, 2022	0								
8279	Coquitlam Reservoir	September 25, 2022	0								
8294	Coquitlam Reservoir	October 30, 2022	0								
8301	Coquitlam Reservoir	November 20, 2022	0								
8308	Coquitlam Reservoir	December 11, 2022	0								

Table A6. Coquitlam Reservoir Slide Examination Results - *Cryptosporidium* 2022

			Cryptosporidium								
			Cryptosporidium			DAPI -	DAPI +		DIC		
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty oocysts	Oocysts with amorphous structure	Oocysts with internal structure, Number of sporozoites
8226	SCFP - Recycled Clarified Water	January 18, 2022	0								
8231	SCFP - Recycled Clarified Water	February 15, 2022	0								
8236	SCFP - Recycled Clarified Water	March 22, 2022	0								
8241	SCFP - Recycled Clarified Water	April 12, 2022	0								
8251	SCFP - Recycled Clarified Water	May 17, 2022	0								
8256	SCFP - Recycled Clarified Water	June 21, 2022	0								
8264	SCFP - Recycled Clarified Water	July 19, 2022	0								
8273	SCFP - Recycled Clarified Water	August 24, 2022	0								
8281	SCFP - Recycled Clarified Water	September 26, 2022	0								
8285	SCFP - Recycled Clarified Water	October 18, 2022	0								
8303	SCFP - Recycled Clarified Water	November 22, 2022	0								
8310	SCFP - Recycled Clarified Water	December 13, 2022	0								

Table A7. Seymour Capilano Filtration Plant – Recycled Clarified Water Slide Examination Results - *Cryptosporidium* 2022

			Cryptosporidium								
			Cryptosporidium			DAPI -	DAPI +		DIC		
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty oocysts	Oocysts with amorphous structure	Oocysts with internal structure, Number of sporozoites
8265	Seymour Reservoir	July 17, 2022	0								
8272	Seymour Reservoir	August 21, 2022	0								
8280	Seymour Reservoir	September 25, 2022	0								
8302	Seymour Reservoir	November 20, 2022	0								
8309	Seymour Reservoir	December 11, 2022	0								

Table A8. Seymour Reservoir Slide Examination Results - *Cryptosporidium* 2022

			Giardia										
			Giardia			DAPI -	DAPI +		DIC				
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty cysts	Cysts with amorphous structure	Number of nuclei	Median Body	Axoneme
8224	Capilano Reservoir	January 16, 2022	#1	Oval	14x10	P				P			
8229	Capilano Reservoir	February 13, 2022	0										
8234	Capilano Reservoir	March 20, 2022	0										
8239	Capilano Reservoir	April 10, 2022	0										
8249	Capilano Reservoir	May 15, 2022	0										
8254	Capilano Reservoir	June 19, 2022	0										
8262	Capilano Reservoir	July 17, 2022	0										
8270	Capilano Reservoir	August 21, 2022	0										
8278	Capilano Reservoir	September 25, 2022	0										
8293	Capilano Reservoir	October 30, 2022	#1	oval	14x7		P			P			
8300	Capilano Reservoir	November 20, 2022	0										
8307	Capilano Reservoir	December 11, 2022	0										

Table A9. Capilano Reservoir Slide Examination Results - *Giardia* 2022 (P = present)

			Giardia										
			Giardia			DAPI -	DAPI +		DIC				
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty cysts	Cysts with amorphous structure	Number of nuclei	Median Body	Axoneme
8225	Coquitlam Reservoir	January 16, 2022	#1	Oval	11x8			3			1		
8230	Coquitlam Reservoir	February 13, 2022	0										
8235	Coquitlam Reservoir	March 20, 2022	0										
8240	Coquitlam Reservoir	April 10, 2022	0										
8250	Coquitlam Reservoir	May 15, 2022	0										
8255	Coquitlam Reservoir	June 19, 2022	0										
8263	Coquitlam Reservoir	July 17, 2022	0										
8271	Coquitlam Reservoir	August 21, 2022	0										
8279	Coquitlam Reservoir	September 25, 2022	0										
8294	Coquitlam Reservoir	October 30, 2022	0										
8301	Coquitlam Reservoir	November 20, 2022	0										
8308	Coquitlam Reservoir	December 11, 2022	0										

Table A10. Coquitlam Reservoir Slide Examination Results - *Giardia* 2022 (P = present)

			Giardia										
			Giardia			DAPI -	DAPI +		DIC				
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty cysts	Cysts with amorphous structure	Number of nuclei	Median Body	Axoneme
8226	SCFP - Recycled Clarified Water	January 18, 2022	0										
8231	SCFP - Recycled Clarified Water	February 15, 2022	0										
8236	SCFP - Recycled Clarified Water	March 22, 2022	0										
8241	SCFP - Recycled Clarified Water	April 12, 2022	0										
8251	SCFP - Recycled Clarified Water	May 17, 2022	0										
8256	SCFP - Recycled Clarified Water	June 21, 2022	0										
8264	SCFP - Recycled Clarified Water	July 19, 2022	0										
8273	SCFP - Recycled Clarified Water	August 24, 2022	0										
8281	SCFP - Recycled Clarified Water	September 26, 2022	0										
8285	SCFP - Recycled Clarified Water	October 18, 2022	0										
8303	SCFP - Recycled Clarified Water	November 22, 2022	0										
8310	SCFP - Recycled Clarified Water	December 13, 2022	0										

Table A11. Seymour Capilano Filtration Plant – Recycled Clarified Water Slide Examination Results - *Giardia* 2022

			Giardia										
			Giardia			DAPI -	DAPI +		DIC				
Lab #	Site name	Date sampled	Object located by FA	Shape (oval or round)	Size L x W (µm)	Light blue internal staining, no distinct nuclei, green rim	Intense blue internal staining	Number of nuclei stained sky blue	Empty cysts	Cysts with amorphous structure	Number of nuclei	Median Body	Axoneme
8265	Seymour Reservoir	July 17, 2022	0										
8272	Seymour Reservoir	August 21, 2022	0										
8280	Seymour Reservoir	September 25, 2022	0										
8302	Seymour Reservoir	November 20, 2022	0										
8309	Seymour Reservoir	December 11, 2022	0										

Table A12. Seymour Reservoir Slide Examination Results - *Giardia* 2022


metrovancouver
SERVICES AND SOLUTIONS FOR A LIVABLE REGION

Appendix D

Monitoring Results from Coquitlam Sample Stations

Sample Type	Sample Station	Station LocationDescription	Sampled Date	Chlorine Free	HPC	Temperature	Ecoli	Total Coliform	Turbidity
				mg/L	CFU/mL	°C	CFU/100mLs	CFU/100mLs	NTU
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-10 11:30	0.33	<2	4.5	<1	<1	0.2
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-13 11:07	0.44	<2	6	<1	<1	0.16
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-14 09:48	0.47	<2	5.3	<1	<1	0.22
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-18 07:48	0.51	<2	5.4	<1	<1	0.47
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-19 11:16	0.55	<2	7.1	<1	<1	0.16
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-21 10:45	0.53	2	8.1	<1	<1	0.14
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-27 11:16	0.47	<2	6	<1	<1	0.21
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-01-28 07:25	0.27	<2	5.7	<1	<1	0.16
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-03 07:26	0.44	<2	5.8	<1	<1	0.13
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-04 07:59	0.39	<2	5.8	<1	<1	0.17
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-08 07:35	0.37	<2	5.5	<1	<1	0.42
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-10 11:04	0.48	<2	6	<1	<1	0.17
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-11 10:54	0.57	<2	6	<1	<1	0.14
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-12 08:49	0.57	<2	5.8	<1	<1	0.14
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-15 07:38	0.45	<2	4.7	<1	<1	0.14
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-16 07:28	0.22	<2	6.7	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-24 11:49	0.48	<2	6.3	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-02-25 12:44	0.27	<2	6.3	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-01 12:14	0.64	<2	7.7	<1	<1	0.28
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-02 10:17	0.57	2	7.3	<1	<1	0.16
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-04 08:40	0.41	<2	6.9	<1	<1	0.15
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-10 07:41	0.29	<2	5.5	<1	<1	0.18
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-15 07:26	0.45	2	6.7	<1	<1	0.16
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-24 08:05	0.44	<2	7.5	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-25 09:49	0.45	<2	7.3	<1	<1	0.14
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-26 11:03	0.57	<2	7.7	<1	<1	0.15
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-28 12:33	0.6	<2	8.1	<1	<1	0.12
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-30 08:18	0.58	<2	8.3	<1	<1	0.15
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-03-31 07:41	0.47	<2	8.3	<1	<1	0.16
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-04-08 07:38	0.29	2	8.8	<1	<1	0.15
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-04-14 07:23	0.61	<2	9	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-04-20 07:25	0.56	<2	6.2	<1	<1	0.08
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-04-25 13:38	0.21	2	10.1	<1	<1	0.5
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-04-26 07:53	0.24	<2	10.9	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-02 10:53	0.42	2	10.7	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-06 12:37	0.46	<2	10.8	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-11 07:19	0.49	4	10.2	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-12 07:51	0.43	<2	11.4	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-13 11:42	0.42	<2	10.4	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-16 13:28	0.34	<2	11.1	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-18 07:25	0.43	<2	10.1	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-19 08:20	0.33	2	11.6	<1	<1	0.12
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-24 13:48	0.36	<2	12	<1	<1	0.09
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-05-30 12:09	0.35	<2	14.3	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-02 10:01	0.33	<2	10.6	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-04 07:35	0.47	<2	13.5	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-08 11:01	0.31	<2	13.7	<1	<1	0.12
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-10 07:09	0.57	<2	14	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-10 10:27	0.34	<2	14.8	<1	<1	0.15
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-13 07:36	0.39	<2	15.2	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-14 11:45	0.3	<2	14.9	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-16 08:30	0.44	<2	14.1	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-18 12:11	0.44	<2	13.6	<1	<1	0.16

GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-22 08:21	0.54	<2	14.2	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-24 09:11	0.3	<2	15.8	<1	<1	0.13
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-06-25 07:09	0.54	<2	14	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-02 09:36	0.54	<2	13.6	<1	<1	0.35
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-05 07:52	0.34	<2	15.8	<1	<1	0.13
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-11 13:11	0.67	<2	15.7	<1	<1	0.26
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-13 11:16	0.69	<2	14.3	<1	<1	0.35
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-20 12:56	0.68	<2	17.5	<1	<1	0.3
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-22 12:26	0.53	<2	16.9	<1	<1	0.32
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-23 07:17	0.49	12	15.9	<1	<1	0.36
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-25 07:41	0.21	2	16	<1	<1	0.24
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-26 06:50	0.64	<2	16	<1	<1	0.29
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-07-29 07:58	0.53	<2	18	<1	<1	0.2
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-02 13:46	0.62	<2	18.4	<1	<1	0.23
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-03 12:34	0.51	2	19	<1	<1	0.21
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-05 13:40	0.28	<2	17.6	<1	<1	0.16
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-09 07:31	0.4	<2	17.7	<1	<1	0.17
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-10 08:24	0.4	<2	18.8	<1	<1	0.19
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-13 07:01	0.42	2	16.2	<1	<1	0.18
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-17 10:51	0.58	<2	17.3	<1	<1	0.26
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-18 12:04	0.52	2	16.7	<1	<1	0.54
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-24 11:02	0.24	2	17.4	<1	<1	0.24
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-08-30 07:26	0.6	<2	18	<1	<1	0.24
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-09-06 13:31	0.2	4	18.1	<1	<1	0.13
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-09-14 07:32	0.18	<2	19.4	<1	<1	0.13
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-09-22 07:24	0.21	18	18.7	<1	<1	0.24
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-09-27 07:23	0.17	20	18.2	<1	<1	0.25
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-09-28 07:42	0.25	110	16.5	<1	<1	0.25
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-10-04 07:14	0.19	4	17.7	<1	<1	0.23
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-10-11 07:27	0.17	6	17	<1	<1	0.21
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-10-22 09:28	0.19	96	16.4	<1	<1	0.28
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-10-24 07:21	0.15	42	15.2	<1	<1	0.2
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-10-28 09:03	0.21	22	14	<1	<1	0.23
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-10-28 10:38	0.11	12	15	<1	<1	0.26
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-10-31 07:48	0.15	14	14	<1	<1	0.15
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-05 07:22	0.31	2	13	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-07 07:47	0.3	2	12	<1	<1	0.13
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-14 11:07	0.28	<2	10	<1	<1	0.12
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-15 12:20	0.69	<2	11	<1	<1	0.11
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-17 13:23	0.38	4	9	<1	<1	0.1
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-23 07:45	0.4	<2	9	<1	<1	0.13
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-25 13:12	0.33	<2	10	<1	<1	0.2
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-11-30 09:59	0.29	<2	9	<1	<1	0.18
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-12-07 10:05	0.31	<2	7	<1	<1	0.2
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-12-14 08:28	0.57	<2	7	<1	<1	0.09
GRAB	COQ-531	Riverview Park (Clearwater @ Paul Lake Crt)	2022-12-28 08:16	0.25	NA	6	<1	<1	0.13
GRAB	COQ-532	Mallard Court	2022-01-07 08:20	0.17	2	5	<1	<1	0.36
GRAB	COQ-532	Mallard Court	2022-01-11 08:48	0.14	2	5	<1	<1	0.49
GRAB	COQ-532	Mallard Court	2022-01-20 08:57	0.13	<2	5.8	<1	<1	0.4
GRAB	COQ-532	Mallard Court	2022-01-21 08:44	0.16	<2	5.8	<1	<1	0.36
GRAB	COQ-532	Mallard Court	2022-01-28 08:47	0.06	<2	5.9	<1	<1	0.32
GRAB	COQ-532	Mallard Court	2022-02-02 09:24	0.27	4	5.8	<1	<1	0.26
GRAB	COQ-532	Mallard Court	2022-02-06 13:09	0.11	2	5.8	<1	<1	0.27
GRAB	COQ-532	Mallard Court	2022-02-09 08:54	0.12	2	5.5	<1	<1	0.29
GRAB	COQ-532	Mallard Court	2022-02-17 08:49	0.09	4	6.5	<1	<1	0.25

GRAB	COQ-532	Mallard Court	2022-03-02 09:07	0.1	2	6	<1	<1	0.26
GRAB	COQ-532	Mallard Court	2022-03-10 07:53	0.19	<2	7	<1	<1	0.33
GRAB	COQ-532	Mallard Court	2022-03-25 10:04	0.14	2	7	<1	<1	0.34
GRAB	COQ-532	Mallard Court	2022-03-31 09:07	0.1	2	8.6	<1	<1	0.27
GRAB	COQ-532	Mallard Court	2022-04-01 09:25	0.14	2	8.7	<1	<1	0.28
GRAB	COQ-532	Mallard Court	2022-04-27 10:26	0.13	<2	8.4	<1	<1	0.26
GRAB	COQ-532	Mallard Court	2022-05-05 08:33	0.14	10	10.3	<1	<1	0.24
GRAB	COQ-532	Mallard Court	2022-05-12 09:09	0.04	12	11.3	<1	<1	0.23
GRAB	COQ-532	Mallard Court	2022-05-18 12:40	0.05	12	11.3	<1	<1	0.23
GRAB	COQ-532	Mallard Court	2022-05-28 11:36	0.13	6	13	<1	<1	0.28
GRAB	COQ-532	Mallard Court	2022-06-02 08:36	0.14	6	13.7	<1	<1	0.25
GRAB	COQ-532	Mallard Court	2022-06-06 12:34	0.29	2	13.5	<1	<1	0.25
GRAB	COQ-532	Mallard Court	2022-06-08 12:41	0.16	<2	13.7	<1	<1	0.19
GRAB	COQ-532	Mallard Court	2022-06-09 09:17	0.32	<2	14.5	<1	<1	0.22
GRAB	COQ-532	Mallard Court	2022-06-15 09:05	0.12	<2	14.8	<1	<1	0.21
GRAB	COQ-532	Mallard Court	2022-06-21 08:54	0.22	70	11.9	<1	<1	1.2
GRAB	COQ-532	Mallard Court	2022-06-29 10:00	0.43	<2	16.5	<1	<1	0.2
GRAB	COQ-532	Mallard Court	2022-07-06 09:05	0.15	16	17.1	<1	<1	0.23
GRAB	COQ-532	Mallard Court	2022-07-13 09:06	0.28	<2	17.1	<1	<1	0.2
GRAB	COQ-532	Mallard Court	2022-07-19 11:21	0.18	2	18.4	<1	<1	0.17
GRAB	COQ-532	Mallard Court	2022-07-27 10:44	0.22	4	18.7	<1	<1	0.23
GRAB	COQ-532	Mallard Court	2022-08-04 09:18	0.28	<2	19.3	<1	<1	0.2
GRAB	COQ-532	Mallard Court	2022-08-11 09:12	0.09	2	19	<1	<1	0.21
GRAB	COQ-532	Mallard Court	2022-08-16 12:06	0.2	2	20.7	<1	<1	0.18
GRAB	COQ-532	Mallard Court	2022-08-25 08:37	0.13	4	19.4	<1	<1	0.25
GRAB	COQ-532	Mallard Court	2022-08-31 08:24	0.13	34	21.3	<1	<1	0.2
GRAB	COQ-532	Mallard Court	2022-09-09 09:07	0	<2	20.8	<1	<1	0.19
GRAB	COQ-532	Mallard Court	2022-09-13 13:03	0.23	2	18.3	<1	<1	0.23
GRAB	COQ-532	Mallard Court	2022-09-29 09:07	0.1	12	19.4	<1	<1	0.19
GRAB	COQ-532	Mallard Court	2022-10-06 09:07	0.37	6	19.1	<1	<1	0.21
GRAB	COQ-532	Mallard Court	2022-10-18 10:08	0.42	<2	18.1	<1	<1	0.27
GRAB	COQ-532	Mallard Court	2022-10-25 08:36	0.25	4	17	<1	<1	0.22
GRAB	COQ-532	Mallard Court	2022-11-02 10:22	0.12	2	14	<1	<1	0.39
GRAB	COQ-532	Mallard Court	2022-11-10 09:04	0.23	2	12	<1	<1	0.34
GRAB	COQ-532	Mallard Court	2022-11-17 08:49	0.21	<2	11	<1	<1	0.26
GRAB	COQ-532	Mallard Court	2022-11-25 11:31	0.19	<2	10	<1	<1	0.27
GRAB	COQ-532	Mallard Court	2022-12-10 09:11	0.14	<2	6	<1	<1	0.21
GRAB	COQ-532	Mallard Court	2022-12-16 09:16	0.15	<2	7	<1	<1	0.26
GRAB	COQ-532	Mallard Court	2022-12-28 12:07	0.14	NA	7	<1	<1	0.53
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-01-05 09:44	0.64	<2	4.2	<1	<1	0.25
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-01-12 08:41	0.65	<2	4	<1	<1	0.21
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-01-18 10:33	0.69	<2	4.4	<1	<1	0.31
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-01-25 12:09	0.81	6	4.8	<1	<1	0.18
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-02-02 08:32	0.62	4	4.6	<1	<1	0.13
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-02-09 07:21	0.67	<2	4.8	<1	<1	0.39
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-02-11 07:03	0.91	8	4.1	<1	<1	0.28
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-02-15 09:29	0.61	<2	4.9	<1	<1	0.13
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-03-03 08:02	0.6	<2	4.9	<1	<1	0.13
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-03-10 09:34	0.62	<2	5.3	<1	<1	0.15
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-03-16 11:18	0.31	<2	6.3	<1	<1	0.51
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-03-24 08:03	0.57	16	6.3	<1	<1	0.38
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-03-28 09:29	0.58	2	6.3	<1	<1	0.29
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-04-14 08:22	0.53	28	6.6	<1	<1	0.21
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-04-22 11:55	0.78	<2	8.1	<1	<1	0.99
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-04-28 09:36	0.55	<2	8	<1	<1	0.09

GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-05-06 09:45	0.43	2	8.7	<1	<1	0.09
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-05-11 09:05	0.34	6	8.9	<1	<1	0.11
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-05-16 09:43	0.49	<2	9.1	<1	<1	0.2
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-05-20 11:32	0.63	<2	9.2	<1	<1	0.1
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-05-24 09:23	0.62	<2	10	<1	<1	0.14
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-05-31 07:51	0.51	10	11	<1	<1	1.3
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-06-02 13:26	0.59	2	10.6	<1	<1	0.11
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-06-11 06:50	0.63	<2	11.2	<1	<1	0.13
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-06-12 08:35	0.58	<2	11.3	<1	<1	0.09
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-06-20 09:23	0.59	<2	11.7	<1	<1	0.18
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-06-26 08:34	0.62	2	12	<1	<1	0.22
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-06-28 08:54	0.64	<2	12.2	<1	<1	0.14
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-07-03 08:07	0.61	4	12.9	<1	<1	0.12
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-07-10 08:47	0.62	2	13.1	<1	<1	0.14
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-07-13 12:22	0.54	12	13.3	<1	<1	0.4
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-07-17 09:17	0.55	310	16	<1	<1	0.12
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-07-21 12:30	0.6	14	13.9	<1	<1	0.25
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-07-24 09:22	0.6	28	13.6	<1	<1	0.3
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-08-04 09:18	0.48	34	15.7	<1	<1	0.13
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-08-08 09:26	0.41	170	15.2	<1	<1	0.24
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-08-11 13:39	0.32	44	15.3	<1	<1	0.13
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-08-14 09:47	0.88	32	15.5	<1	<1	0.16
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-08-18 11:25	0.41	32	16	<1	<1	0.15
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-08-21 09:35	0.46	22	14.6	<1	<1	0.13
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-08-28 09:31	0.45	50	16.8	<1	<1	0.14
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-09-08 09:05	0.41	30	17.2	<1	<1	0.18
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-09-15 08:10	0.36	110	17.8	<1	<1	0.22
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-09-21 09:00	0.4	40	16.6	<1	<1	0.22
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-09-28 11:00	0.35	40	16.5	<1	<1	0.24
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-10-02 07:37	0.46	80	16.6	<1	<1	0.19
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-10-09 07:58	0.75	64	16.6	<1	<1	0.18
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-10-19 07:37	0.63	56	16.2	<1	<1	0.15
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-10-23 08:07	0.47	840	15.3	<1	<1	0.2
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-10-26 09:10	0.19	60	15	<1	<1	0.49
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-10-28 12:13	0.3	22	14	<1	<1	0.18
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-10-31 09:25	1	26	13	<1	<1	0.15
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-11-10 09:12	0.44	16	10	<1	<1	0.42
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-11-13 08:05	0.53	94	9	<1	<1	0.1
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-11-20 08:11	0.46	<2	8	<1	<1	0.08
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-11-23 08:55	0.48	4	8	<1	<1	0.19
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-11-30 09:16	0.45	2	8	<1	<1	0.14
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-12-07 09:20	0.49	12	6	<1	<1	0.19
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-12-14 09:18	0.47	6	6	<1	<1	0.12
GRAB	COQ-533	Roy Stibbs School - 600 Fairview	2022-12-28 06:43	0.39	NA	6	<1	<1	2.7
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-01-05 09:26	0.74	<2	4.2	<1	<1	0.26
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-01-12 08:59	0.73	<2	3.8	<1	<1	0.37
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-01-18 10:41	0.72	<2	4	<1	<1	0.2
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-01-25 11:12	0.84	<2	4.1	<1	<1	0.22
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-01-27 08:28	0.62	<2	5.4	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-02-02 08:39	0.65	<2	4.4	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-02-05 11:44	0.71	<2	4.9	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-02-09 07:32	0.67	<2	4.6	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-02-11 06:46	0.9	<2	4.4	<1	<1	0.15
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-02-15 09:19	0.65	<2	4.7	<1	<1	0.31
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-02-25 09:07	0.7	<2	4.5	<1	<1	0.13

GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-03-03 08:10	0.57	<2	6	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-03-04 11:33	0.61	<2	7.6	<1	<1	0.28
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-03-10 09:20	0.63	<2	5.1	<1	<1	0.18
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-03-16 11:25	0.59	<2	6.1	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-03-24 08:12	0.71	<2	6.6	<1	<1	0.13
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-03-28 09:15	0.64	<2	5.9	<1	<1	0.16
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-04-14 08:29	0.68	<2	6.6	<1	<1	0.16
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-04-22 12:04	0.77	90	7.9	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-04-28 09:24	0.46	<2	7.7	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-05-06 09:31	0.51	2	8.3	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-05-11 08:48	0.62	<2	8.3	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-05-16 09:32	0.56	<2	8.7	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-05-20 10:55	0.64	<2	8.6	<1	<1	0.21
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-05-24 09:09	0.66	<2	9.3	<1	<1	0.2
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-05-31 08:06	0.39	<2	10.5	<1	<1	0.1
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-02 08:00	0.58	<2	9.9	<1	<1	0.12
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-02 13:09	0.54	<2	10	<1	<1	0.16
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-09 12:20	0.64	<2	10.1	<1	<1	0.13
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-11 11:21	0.59	<2	10.1	<1	<1	0.25
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-12 08:23	0.63	<2	10.2	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-20 09:09	0.63	<2	10.5	<1	<1	0.1
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-26 08:22	0.64	2	11	<1	<1	0.13
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-06-28 08:40	0.62	<2	11.4	<1	<1	0.24
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-07-03 07:53	0.61	2	12	<1	<1	0.12
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-07-10 08:36	0.64	<2	12.5	<1	<1	0.16
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-07-13 12:33	0.6	10	11.8	<1	<1	0.25
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-07-17 08:46	0.63	<2	13.3	<1	<1	0.1
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-07-21 12:01	0.68	<2	12.3	<1	<1	0.35
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-07-24 08:56	0.62	2	12.9	<1	<1	0.27
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-08-04 09:06	0.6	6	14.2	<1	<1	0.24
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-08-08 09:13	0.56	<2	13.5	<1	<1	0.24
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-08-14 09:23	0.59	4	14.5	<1	<1	0.21
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-08-18 09:11	0.56	<2	16.3	<1	<1	0.23
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-08-21 09:19	0.53	2	14.8	<1	<1	0.2
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-08-28 08:56	0.54	4	15.8	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-09-08 08:41	0.59	<2	16	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-09-15 08:00	0.44	6	16.7	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-09-21 08:40	0.6	<2	15.4	<1	<1	0.34
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-09-27 11:58	0.5	<2	15.5	<1	<1	0.3
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-09-28 10:48	0.6	2	15.5	<1	<1	0.29
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-10-02 07:30	0.53	38	15.7	<1	<1	0.2
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-10-09 07:49	0.49	40	15.9	<1	<1	0.17
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-10-19 07:27	0.5	52	15.5	<1	<1	0.18
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-10-23 07:59	0.55	60	14.8	<1	<1	0.29
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-10-26 08:49	0.43	2	14	<1	<1	0.4
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-10-28 12:26	0.55	6	13	<1	<1	0.34
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-10-31 09:10	0.52	<2	13	<1	<1	0.3
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-11-04 10:52	0.61	4	11	<1	<1	0.19
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-11-10 08:59	0.53	<2	9	<1	<1	0.15
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-11-13 07:30	0.66	<2	9	<1	<1	0.11
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-11-18 10:08	0.57	<2	8	<1	<1	0.25
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-11-20 08:03	0.75	<2	8	<1	<1	0.1
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-11-23 08:38	0.54	<2	8	<1	<1	0.14
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-11-30 09:04	0.6	<2	7	<1	<1	0.16
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-12-07 09:03	0.52	6	6	<1	<1	0.14

GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-12-14 09:08	0.55	<2	6	<1	<1	0.13
GRAB	COQ-534	Coquitlam College (Brookmere @ Whiting)	2022-12-28 06:54	0.45	NA	6	<1	<1	0.2
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-01-05 10:02	0.52	<2	5.2	<1	<1	0.25
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-01-12 10:04	0.32	<2	5.2	<1	<1	0.22
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-01-18 11:41	0.52	<2	5.3	<1	<1	0.15
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-01-22 07:02	0.59	4	5.3	<1	<1	0.16
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-01-25 06:31	0.66	<2	5.3	<1	<1	0.15
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-02-02 09:51	0.53	<2	5.3	<1	<1	0.14
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-02-09 08:31	0.53	<2	5.3	<1	<1	0.22
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-02-11 07:23	0.68	<2	5.4	<1	<1	0.15
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-02-15 09:48	0.48	<2	5.6	<1	<1	0.16
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-02-25 09:28	0.51	<2	5.7	<1	<1	0.16
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-03-03 08:31	0.51	<2	5.9	<1	<1	0.15
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-03-04 11:49	0.55	<2	6.6	<1	<1	0.12
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-03-10 09:47	0.54	<2	5.9	<1	<1	0.25
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-03-16 11:41	0.62	4	7.1	<1	<1	0.21
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-03-24 08:34	0.57	<2	7	<1	<1	0.13
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-03-28 09:44	0.53	<2	6.5	<1	<1	0.14
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-04-14 08:53	0.43	<2	6.8	<1	<1	0.15
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-04-22 12:20	0.65	2	8.3	<1	<1	0.12
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-04-28 09:50	0.45	2	8	<1	<1	0.09
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-05-06 09:59	0.44	<2	8.7	<1	<1	0.12
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-05-11 09:18	0.45	<2	8.8	<1	<1	0.11
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-05-16 09:58	0.53	<2	9	<1	<1	0.09
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-05-20 11:49	0.59	<2	9	<1	<1	0.1
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-05-24 09:38	0.57	<2	9.3	<1	<1	0.13
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-05-31 08:32	0.45	<2	10.1	<1	<1	0.11
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-06-02 13:43	0.33	<2	10	<1	<1	0.11
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-06-09 08:18	0.51	2	10.5	<1	<1	0.12
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-06-12 08:54	0.59	4	10.5	<1	<1	0.12
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-06-14 13:49	0.51	2	11.5	<1	<1	0.13
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-06-20 09:38	0.54	<2	11	<1	<1	0.2
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-06-26 08:51	0.52	<2	10.8	<1	<1	0.57
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-06-28 09:12	0.53	<2	11	<1	<1	0.24
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-07-03 08:24	0.86	2	11	<1	<1	0.53
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-07-10 09:15	0.59	2	12.2	<1	<1	0.29
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-07-15 12:40	0.85	<2	12.8	<1	<1	0.24
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-07-17 09:34	0.29	<2	12.6	<1	<1	0.33
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-07-21 07:38	0.59	4	12.3	<1	<1	0.2
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-07-24 09:25	0.79	<2	12.3	<1	<1	0.55
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-08-04 09:43	0.39	4	14.2	<1	<1	0.19
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-08-08 09:44	0.7	<2	13.6	<1	<1	0.23
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-08-14 09:55	0.23	2	14.2	<1	<1	0.3
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-08-18 11:43	0.47	2	14.1	<1	<1	0.21
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-08-21 09:52	0.66	12	14.2	<1	<1	0.24
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-08-28 09:36	0.29	2	15.6	<1	<1	0.2
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-09-08 09:07	0.33	<2	16.2	<1	<1	0.23
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-09-14 13:02	0.18	<2	16.9	<1	<1	0.14
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-09-21 09:10	0.3	14	16	<1	<1	0.23
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-09-28 11:19	0.14	6	16	<1	<1	0.26
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-10-02 07:44	0.44	20	15.7	<1	<1	0.34
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-10-09 08:06	0.45	8	15.9	<1	<1	0.24
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-10-19 07:46	0.45	4	15.6	<1	<1	0.22
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-10-23 08:17	0.39	8	15	<1	<1	0.38
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-10-26 09:23	0.08	4	15	<1	<1	0.3

GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-10-28 12:52	0.13	10	15	<1	<1	0.32
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-10-31 12:43	0.31	<2	14	<1	<1	0.16
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-11-04 11:20	0.19	4	13	<1	<1	0.14
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-11-10 09:30	0.32	<2	11	<1	<1	0.13
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-11-13 08:20	0.43	12	11	<1	<1	0.12
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-11-18 10:37	0.31	<2	10	<1	<1	0.17
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-11-20 08:20	0.47	<2	10	<1	<1	0.11
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-11-23 09:10	0.4	<2	9	<1	<1	0.11
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-11-30 09:28	0.31	<2	9	<1	<1	0.17
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-12-07 09:31	0.39	<2	8	<1	<1	0.14
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-12-12 10:50	0.28	<2	8	<1	<1	0.13
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-12-14 09:30	0.36	2	8	<1	<1	0.15
GRAB	COQ-535	Lord Baden Powel School - 540 Joyce	2022-12-28 07:12	0.29	NA	8	<1	<1	0.18
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-01-05 11:01	0.55	<2	4.8	<1	<1	0.34
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-01-12 11:08	0.55	<2	4.9	<1	<1	0.15
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-01-18 12:04	0.63	<2	5.4	<1	<1	0.25
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-01-25 08:28	0.57	20	5.5	<1	<1	0.27
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-01-27 09:43	0.59	2	5.4	<1	<1	0.21
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-02-02 10:44	0.53	<2	5.4	<1	<1	0.12
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-02-09 09:52	0.58	<2	5.8	<1	<1	0.17
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-02-11 12:02	0.65	<2	5.4	<1	<1	0.19
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-02-15 10:58	0.57	<2	5.6	<1	<1	0.25
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-03-03 09:39	0.49	4	8.1	<1	<1	0.18
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-03-10 10:44	0.67	4	6.1	<1	<1	0.27
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-03-24 09:23	0.63	14	6.9	<1	<1	0.14
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-03-28 10:49	0.59	2	6.9	<1	<1	0.11
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-04-14 09:46	0.59	4	7.1	<1	<1	0.25
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-04-22 13:18	0.46	10	7.8	<1	<1	0.12
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-04-28 10:53	0.49	<2	8.2	<1	<1	0.11
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-05-06 11:01	0.51	<2	9	<1	<1	0.1
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-05-11 10:20	0.5	<2	9	<1	<1	0.11
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-05-16 10:59	0.49	<2	9.5	<1	<1	0.12
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-05-20 13:02	0.56	<2	9.6	<1	<1	0.1
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-05-24 10:44	0.6	<2	9.9	<1	<1	0.17
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-05-31 09:46	0.53	2	10.5	<1	<1	0.11
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-06-11 08:18	0.57	<2	11	<1	<1	0.33
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-06-12 10:43	0.51	<2	11.3	<1	<1	0.21
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-06-20 10:49	0.55	<2	11.4	<1	<1	0.21
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-06-26 10:00	0.48	6	11.1	<1	<1	0.4
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-06-28 10:28	0.42	4	11.2	<1	<1	0.18
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-07-03 09:28	0.42	<2	11.8	<1	<1	0.19
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-07-10 10:17	0.65	2	12	<1	<1	0.24
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-07-17 10:36	0.24	14	13	<1	<1	0.14
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-07-21 13:42	0.27	2	13.1	<1	<1	0.17
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-07-24 10:41	0.31	<2	12.9	<1	<1	0.23
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-08-04 11:06	0.24	16	14.4	<1	<1	0.24
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-08-08 10:41	0.21	16	15	<1	<1	0.26
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-08-11 11:47	0.48	<2	13.1	<1	<1	0.2
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-08-14 10:59	0.84	16	13.5	<1	<1	0.18
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-08-18 12:45	1.05	<2	13.4	<1	<1	0.25
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-08-21 11:00	0.47	<2	13.6	<1	<1	0.19
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-08-28 10:43	0.15	2	15.8	<1	<1	0.17
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-09-08 10:26	0.16	<2	16.5	<1	<1	0.18
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-09-15 09:15	0.22	<2	15.7	<1	<1	0.18
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-09-21 10:54	0.25	20	16.5	<1	<1	0.26

GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-09-28 12:13	0.05	<2	16.1	<1	<1	0.27
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-10-02 08:46	0.15	4	16	<1	<1	0.33
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-10-09 09:28	0.42	38	16.1	<1	<1	0.21
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-10-19 09:32	0.68	14	15.6	<1	<1	0.21
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-10-23 10:02	0.58	8	14.9	<1	<1	0.44
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-10-31 13:48	0.15	4	14	<1	<1	0.19
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-11-10 08:10	0.44	4	11	<1	<1	0.15
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-11-13 11:15	0.41	<2	10	<1	<1	0.12
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-11-20 09:50	0.95	6	8	<1	<1	0.13
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-11-23 10:25	0.42	4	9	<1	<1	0.19
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-11-30 10:32	0.47	<2	9	<1	<1	0.39
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-12-07 10:33	0.48	<2	7	<1	<1	0.18
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-12-14 10:36	0.73	<2	7	<1	<1	0.17
GRAB	COQ-536	Cape Horn School - 155 Finnigan	2022-12-28 07:53	0.69	NA	6	<1	<1	0.22
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-01-06 11:46	0.85	2	5.1	<1	<1	0.19
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-01-10 11:16	0.57	<2	4.8	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-01-14 09:31	0.7	2	4.9	<1	<1	0.11
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-01-18 08:00	0.65	<2	5.7	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-01-21 08:06	0.61	2	6.5	<1	<1	0.13
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-01-27 11:58	0.61	<2	5.9	<1	<1	0.14
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-01-28 07:04	0.63	<2	5.8	<1	<1	0.14
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-02-03 07:13	0.75	<2	6.3	<1	<1	0.14
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-02-08 07:52	0.73	<2	5.5	<1	<1	0.22
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-02-10 11:38	0.58	<2	5.8	<1	<1	0.15
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-02-15 08:09	0.63	<2	6.9	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-02-16 08:03	0.6	<2	6.9	<1	<1	0.12
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-02-24 12:40	0.69	<2	6.1	<1	<1	0.11
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-01 12:44	0.65	<2	7.5	<1	<1	0.24
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-04 11:09	0.64	<2	7	<1	<1	0.22
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-10 08:16	0.57	<2	6.8	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-15 07:47	0.54	<2	6.8	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-24 08:40	0.47	2	7	<1	<1	0.13
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-25 10:19	0.6	<2	7.9	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-30 11:48	0.61	<2	7.8	<1	<1	0.12
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-03-31 07:21	0.68	<2	7.3	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-04-08 08:13	0.48	<2	8.3	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-04-14 06:51	0.44	<2	8.5	<1	<1	0.09
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-04-20 07:46	0.64	<2	6.7	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-04-26 08:15	0.54	<2	9.3	<1	<1	0.11
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-04-27 13:20	0.58	<2	7.9	<1	<1	0.11
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-05-02 11:42	0.52	<2	9.8	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-05-06 08:04	0.47	<2	8.4	<1	<1	0.09
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-05-11 07:43	0.46	4	10.5	<1	<1	0.15
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-05-12 07:31	0.43	<2	10.3	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-05-18 07:47	0.61	<2	9.5	<1	<1	0.12
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-05-27 08:54	0.53	<2	11.7	<1	<1	0.15
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-05-30 13:14	0.35	<2	10.3	<1	<1	0.12
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-06-04 07:16	0.52	2	12.7	<1	<1	0.09
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-06-08 11:39	0.42	<2	13	<1	<1	0.16
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-06-10 06:56	0.69	<2	13.5	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-06-13 07:56	0.42	4	13.4	<1	<1	0.12
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-06-14 12:01	0.39	<2	13.9	<1	<1	0.11
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-06-18 07:13	0.63	<2	10.8	<1	<1	0.14
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-06-23 06:46	0.57	4	13.6	<1	<1	0.09
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-07-02 10:06	0.59	<2	12.4	<1	<1	0.17

GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-07-05 08:10	0.41	14	13.8	<1	<1	0.13
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-07-13 11:45	0.33	14	15.7	<1	<1	0.15
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-07-14 12:57	0.37	12	16.3	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-07-19 13:37	0.3	22	14.5	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-07-23 12:18	0.28	<2	16	<1	<1	0.55
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-07-25 08:02	0.73	8	15.1	<1	<1	0.29
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-08-03 07:39	0.25	36	13.9	<1	2	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-08-09 07:56	0.25	12	17.7	<1	<1	0.19
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-08-17 11:25	0.2	34	18	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-08-24 11:32	0.17	26	17.8	<1	<1	0.25
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-08-30 07:03	0.27	50	17.1	<1	<1	0.25
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-09-08 07:37	0.25	30	18.4	<1	<1	0.14
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-09-14 07:56	0.18	46	18.2	<1	<1	0.1
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-09-22 07:40	0.19	74	17	<1	<1	0.24
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-09-27 07:38	0.15	50	17.4	<1	<1	0.25
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-09-28 07:50	0.22	78	15.7	<1	<1	0.26
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-10-04 07:31	0.2	76	15.3	<1	<1	0.21
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-10-11 07:54	0.22	58	13.8	<1	<1	0.19
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-10-22 09:41	0.24	120	16	<1	<1	0.26
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-10-28 08:40	0.18	24	14	<1	<1	0.18
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-10-28 11:50	0.13	34	15	<1	<1	0.37
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-11-01 10:13	0.45	6	14	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-11-07 08:14	0.41	62	10	<1	<1	0.14
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-11-14 11:34	0.44	<2	11	<1	<1	0.11
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-11-15 13:20	0.67	<2	11	<1	<1	0.41
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-11-23 08:48	0.71	4	9	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-12-09 08:22	0.22	36	7	<1	<1	0.16
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-12-10 12:03	0.54	4	7	<1	<1	0.13
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-12-14 06:50	0.43	<2	6	<1	<1	0.09
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-12-28 08:43	0.3	NA	6	<1	<1	0.17
GRAB	COQ-537	R.C. MacDonald School - 2550 Leduc	2022-12-29 13:26	0.58	NA	6	<1	<1	0.11
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-01-06 10:55	0.27	<2	6	<1	<1	0.18
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-01-10 09:25	0.37	2	5.5	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-01-20 11:15	0.47	<2	6	<1	<1	0.29
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-01-21 11:04	0.47	2	7.8	<1	<1	0.2
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-01-28 11:09	0.55	<2	5.1	<1	<1	0.15
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-02-03 06:43	0.54	<2	5.2	<1	<1	0.12
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-02-08 06:48	0.77	<2	5.4	<1	<1	0.18
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-02-10 08:27	0.49	2	5.9	<1	<1	0.19
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-02-15 09:28	0.67	<2	7.6	<1	<1	0.14
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-02-16 08:42	0.53	<2	7.2	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-02-24 13:19	0.5	<2	6.4	<1	<1	0.11
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-03-01 13:14	0.35	<2	8.1	<1	<1	0.21
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-03-02 10:56	0.53	2	6.9	<1	<1	0.15
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-03-10 09:54	0.55	<2	7	<1	<1	0.16
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-03-16 07:59	0.46	<2	6.4	<1	<1	0.11
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-03-21 09:03	0.49	<2	6.9	<1	<1	0.1
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-03-25 10:41	0.52	<2	6.7	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-03-30 08:03	0.45	<2	7.5	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-04-07 11:31	0.44	<2	8.1	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-04-11 10:25	0.37	<2	8.4	<1	<1	0.11
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-04-20 08:41	0.26	<2	7.7	<1	<1	0.09
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-04-26 09:04	0.43	2	9	<1	<1	0.09
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-02 08:07	0.5	<2	9.2	<1	<1	0.08
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-05 07:02	0.31	<2	9.6	<1	<1	0.08

GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-06 08:27	0.39	4	8.1	<1	<1	0.09
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-11 08:45	0.43	6	9.7	<1	<1	0.18
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-12 08:06	0.42	4	10	<1	<1	0.1
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-13 13:08	0.33	2	10.5	<1	<1	0.09
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-18 09:07	0.43	2	10.3	<1	<1	0.18
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-27 07:26	0.43	2	9.7	<1	<1	0.19
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-05-30 10:24	0.27	2	11.6	<1	<1	0.12
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-06-04 10:33	0.64	2	12.7	<1	<1	0.12
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-06-08 08:12	0.45	100	12.6	<1	<1	0.1
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-06-13 08:52	0.47	2	13.2	<1	<1	0.15
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-06-18 09:11	0.61	<2	10.8	<1	<1	0.11
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-06-24 09:41	0.41	4	13	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-07-02 09:09	0.22	6	15	<1	<1	0.62
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-07-05 08:57	0.26	2	14.6	<1	<1	0.22
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-07-13 08:06	0.15	4	14.5	<1	<1	0.16
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-07-19 12:35	0.42	14	14.5	<1	<1	0.12
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-07-25 08:58	0.39	22	14.4	<1	<1	1.7
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-07-29 12:26	0.31	8	14.4	<1	<1	0.39
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-08-02 13:30	0.4	<2	16.2	<1	<1	0.2
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-08-09 08:55	0.26	4	16.7	<1	<1	0.2
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-08-13 09:15	0.39	22	16.8	<1	<1	0.14
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-08-17 08:06	0.26	10	16	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-08-24 08:06	0.15	2	17.8	<1	<1	0.31
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-08-30 08:22	0.26	10	18.9	<1	<1	0.26
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-09-06 13:25	0.25	28	18.4	<1	<1	0.14
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-09-08 08:43	0.29	10	18.1	<1	<1	0.1
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-09-14 08:55	0.37	40	15.2	<1	<1	0.16
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-09-22 08:35	0.27	40	15.6	<1	<1	0.38
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-09-27 08:31	0.2	18	16.9	<1	<1	0.25
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-09-28 08:35	0.2	28	16	<1	<1	0.21
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-10-04 08:27	0.25	8	15.8	<1	<1	0.23
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-10-11 08:49	0.25	34	15.1	<1	<1	0.25
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-10-22 07:42	0.33	24	16.1	<1	<1	0.23
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-10-24 07:32	0.19	24	14.6	<1	<1	0.19
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-11-01 10:55	0.3	6	14	<1	<1	0.16
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-11-07 09:20	0.38	12	13	<1	<1	0.14
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-11-10 07:55	0.33	8	12	<1	<1	0.11
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-11-14 08:14	0.41	<2	11	<1	<1	0.15
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-11-23 07:12	0.45	<2	8	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-11-29 07:14	0.63	<2	9	<1	<1	0.24
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-12-09 09:37	0.43	<2	8	<1	<1	0.17
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-12-10 11:02	0.56	2	8	<1	<1	0.2
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-12-12 11:39	0.58	2	8	<1	<1	0.13
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-12-28 09:00	0.63	NA	6	<1	<1	0.11
GRAB	COQ-538	Baker Drive School - 885 Baker	2022-12-30 07:30	0.46	NA	6	<1	<1	0.15
GRAB	COQ-539	Lansdowne & Aberdeen	2022-01-06 10:13	0.64	84	6	<1	<1	0.37
GRAB	COQ-539	Lansdowne & Aberdeen	2022-01-10 13:30	0.81	<2	5.7	<1	<1	0.53
GRAB	COQ-539	Lansdowne & Aberdeen	2022-01-20 10:19	0.31	<2	7	<1	<1	0.37
GRAB	COQ-539	Lansdowne & Aberdeen	2022-01-21 11:40	0.52	4	7.6	<1	<1	0.53
GRAB	COQ-539	Lansdowne & Aberdeen	2022-01-28 12:08	0.92	<2	5.2	<1	<1	0.32
GRAB	COQ-539	Lansdowne & Aberdeen	2022-02-03 09:57	0.89	<2	5.7	<1	<1	0.38
GRAB	COQ-539	Lansdowne & Aberdeen	2022-02-08 09:58	0.63	<2	6.3	<1	<1	0.34
GRAB	COQ-539	Lansdowne & Aberdeen	2022-02-10 10:39	0.71	<2	6	<1	<1	0.44
GRAB	COQ-539	Lansdowne & Aberdeen	2022-02-15 10:08	0.96	<2	7.1	<1	<1	0.32
GRAB	COQ-539	Lansdowne & Aberdeen	2022-02-16 09:20	0.94	<2	7	<1	<1	0.38

GRAB	COQ-539	Lansdowne & Aberdeen	2022-02-24 11:07	0.87	8	5.3	<1	<1	0.33
GRAB	COQ-539	Lansdowne & Aberdeen	2022-03-02 13:29	0.82	<2	7.7	<1	<1	0.7
GRAB	COQ-539	Lansdowne & Aberdeen	2022-03-04 10:21	0.56	<2	7.1	<1	<1	0.69
GRAB	COQ-539	Lansdowne & Aberdeen	2022-03-10 10:28	0.77	2	7	<1	<1	2.5
GRAB	COQ-539	Lansdowne & Aberdeen	2022-03-16 08:26	0.41	2	7.1	<1	<1	0.56
GRAB	COQ-539	Lansdowne & Aberdeen	2022-03-21 11:41	0.58	<2	8.8	<1	<1	0.48
GRAB	COQ-539	Lansdowne & Aberdeen	2022-03-30 10:51	0.58	<2	8.9	<1	<1	0.29
GRAB	COQ-539	Lansdowne & Aberdeen	2022-03-31 10:57	0.57	<2	7.6	<1	<1	0.32
GRAB	COQ-539	Lansdowne & Aberdeen	2022-04-01 08:02	0.29	6	5.9	<1	<1	0.29
GRAB	COQ-539	Lansdowne & Aberdeen	2022-04-07 13:04	0.58	2	8.4	<1	<1	0.33
GRAB	COQ-539	Lansdowne & Aberdeen	2022-04-11 12:32	0.5	<2	9.9	<1	<1	0.25
GRAB	COQ-539	Lansdowne & Aberdeen	2022-04-20 09:12	0.33	<2	7.8	<1	<1	0.24
GRAB	COQ-539	Lansdowne & Aberdeen	2022-05-02 10:31	0.57	8	10.3	<1	<1	0.34
GRAB	COQ-539	Lansdowne & Aberdeen	2022-05-06 08:37	0.33	<2	8.3	<1	<1	0.22
GRAB	COQ-539	Lansdowne & Aberdeen	2022-05-09 07:24	0.27	2	8.7	<1	<1	0.23
GRAB	COQ-539	Lansdowne & Aberdeen	2022-05-11 09:17	0.37	<2	10.7	<1	<1	0.3
GRAB	COQ-539	Lansdowne & Aberdeen	2022-05-18 09:44	0.28	<2	11.3	<1	<1	0.24
GRAB	COQ-539	Lansdowne & Aberdeen	2022-05-27 07:55	0.31	2	12.4	<1	<1	0.3
GRAB	COQ-539	Lansdowne & Aberdeen	2022-06-03 09:04	0.26	2	14	<1	<1	0.24
GRAB	COQ-539	Lansdowne & Aberdeen	2022-06-08 10:43	0.33	2	14.1	<1	<1	0.24
GRAB	COQ-539	Lansdowne & Aberdeen	2022-06-13 09:22	0.28	14	15	<1	<1	0.29
GRAB	COQ-539	Lansdowne & Aberdeen	2022-06-18 12:29	0.31	2	15	<1	<1	0.25
GRAB	COQ-539	Lansdowne & Aberdeen	2022-06-24 10:14	0.32	6	15	<1	<1	0.3
GRAB	COQ-539	Lansdowne & Aberdeen	2022-06-25 12:04	0.22	<2	15.7	<1	<1	0.19
GRAB	COQ-539	Lansdowne & Aberdeen	2022-07-02 07:30	0.21	34	16.7	<1	<1	0.25
GRAB	COQ-539	Lansdowne & Aberdeen	2022-07-05 09:30	0.18	32	17.1	<1	<1	0.19
GRAB	COQ-539	Lansdowne & Aberdeen	2022-07-11 12:47	0.51	2	17.5	<1	<1	0.34
GRAB	COQ-539	Lansdowne & Aberdeen	2022-07-13 10:56	0.12	10	18.5	<1	<1	0.23
GRAB	COQ-539	Lansdowne & Aberdeen	2022-07-14 12:28	0.54	<2	16.8	<1	<1	0.2
GRAB	COQ-539	Lansdowne & Aberdeen	2022-07-19 11:53	0.22	84	18.3	<1	<1	0.18
GRAB	COQ-539	Lansdowne & Aberdeen	2022-07-26 10:48	0.22	10	18.7	<1	<1	0.4
GRAB	COQ-539	Lansdowne & Aberdeen	2022-08-02 11:58	0.29	40	20.1	<1	<1	0.24
GRAB	COQ-539	Lansdowne & Aberdeen	2022-08-04 09:01	0.11	26	21.4	<1	<1	0.2
GRAB	COQ-539	Lansdowne & Aberdeen	2022-08-08 07:33	0.18	100	20.1	<1	<1	0.21
GRAB	COQ-539	Lansdowne & Aberdeen	2022-08-09 09:22	0.17	56	20.8	<1	<1	0.2
GRAB	COQ-539	Lansdowne & Aberdeen	2022-08-17 10:30	0.24	18	21.1	<1	<1	0.19
GRAB	COQ-539	Lansdowne & Aberdeen	2022-08-24 10:33	0.3	2	21.2	<1	<1	0.22
GRAB	COQ-539	Lansdowne & Aberdeen	2022-08-30 10:32	0.8	800	19.4	<1	<1	0.22
GRAB	COQ-539	Lansdowne & Aberdeen	2022-09-06 12:06	0.43	36	18.2	<1	<1	0.3
GRAB	COQ-539	Lansdowne & Aberdeen	2022-09-14 09:40	0.15	68	19.4	<1	<1	0.2
GRAB	COQ-539	Lansdowne & Aberdeen	2022-09-23 10:47	0.37	16	16.8	<1	<1	0.3
GRAB	COQ-539	Lansdowne & Aberdeen	2022-09-27 09:17	0.24	10	17.2	<1	<1	0.24
GRAB	COQ-539	Lansdowne & Aberdeen	2022-09-28 08:51	0.19	8	17.8	<1	<1	0.29
GRAB	COQ-539	Lansdowne & Aberdeen	2022-09-29 11:59	0.31	4	17.1	<1	<1	0.24
GRAB	COQ-539	Lansdowne & Aberdeen	2022-10-04 09:07	0.2	34	18.2	<1	<1	0.27
GRAB	COQ-539	Lansdowne & Aberdeen	2022-10-11 09:21	0.65	50	17.1	<1	<1	0.31
GRAB	COQ-539	Lansdowne & Aberdeen	2022-10-22 12:01	0.19	28	17	<1	<1	0.21
GRAB	COQ-539	Lansdowne & Aberdeen	2022-10-28 10:06	0.48	2	15	<1	<1	0.32
GRAB	COQ-539	Lansdowne & Aberdeen	2022-11-01 09:20	0.43	20	13	<1	<1	0.37
GRAB	COQ-539	Lansdowne & Aberdeen	2022-11-07 10:05	0.18	52	14	<1	<1	0.35
GRAB	COQ-539	Lansdowne & Aberdeen	2022-11-14 10:49	0.26	34	12	<1	<1	0.29
GRAB	COQ-539	Lansdowne & Aberdeen	2022-11-15 12:10	0.51	4	11	<1	<1	0.32
GRAB	COQ-539	Lansdowne & Aberdeen	2022-11-23 12:37	0.97	8	10	<1	<1	0.34
GRAB	COQ-539	Lansdowne & Aberdeen	2022-11-30 08:33	0.19	8	10	<1	<1	0.22
GRAB	COQ-539	Lansdowne & Aberdeen	2022-12-09 10:19	0.39	6	8	<1	<1	0.24

GRAB	COQ-539	Lansdowne & Aberdeen	2022-12-14 09:27	0.33	4	8	<1	<1	0.17
GRAB	COQ-539	Lansdowne & Aberdeen	2022-12-28 10:00	0.6	NA	7	<1	<1	0.62
GRAB	COQ-539	Lansdowne & Aberdeen	2022-12-30 08:05	0.6	NA	6	<1	<1	0.76
GRAB	COQ-541	966 Fresno	2022-01-10 09:45	0.23	<2	4.6	<1	<1	0.2
GRAB	COQ-541	966 Fresno	2022-01-18 07:30	0.53	<2	5	<1	<1	0.17
GRAB	COQ-541	966 Fresno	2022-01-20 11:48	0.51	4	6	<1	<1	0.54
GRAB	COQ-541	966 Fresno	2022-01-21 07:46	0.19	12	5.5	<1	<1	0.22
GRAB	COQ-541	966 Fresno	2022-01-28 06:33	0.39	<2	5.4	<1	<1	0.18
GRAB	COQ-541	966 Fresno	2022-02-03 06:29	0.44	<2	5.2	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-02-08 06:31	0.52	<2	5.4	<1	<1	0.15
GRAB	COQ-541	966 Fresno	2022-02-10 08:10	0.45	<2	5.6	<1	<1	0.19
GRAB	COQ-541	966 Fresno	2022-02-15 07:22	0.2	<2	4.7	<1	<1	0.15
GRAB	COQ-541	966 Fresno	2022-02-16 07:08	0.22	<2	6	<1	<1	0.13
GRAB	COQ-541	966 Fresno	2022-02-24 13:03	0.49	<2	6	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-03-02 10:02	0.23	16	6.9	<1	<1	0.41
GRAB	COQ-541	966 Fresno	2022-03-04 08:23	0.15	<2	6.8	<1	<1	0.15
GRAB	COQ-541	966 Fresno	2022-03-10 07:18	0.22	<2	5.3	<1	<1	0.2
GRAB	COQ-541	966 Fresno	2022-03-15 07:11	0.27	<2	6	<1	<1	0.78
GRAB	COQ-541	966 Fresno	2022-03-21 08:47	0.38	<2	7	<1	<1	0.15
GRAB	COQ-541	966 Fresno	2022-04-11 10:12	0.45	2	8.7	<1	<1	0.12
GRAB	COQ-541	966 Fresno	2022-04-20 07:11	0.43	<2	5.9	<1	<1	0.13
GRAB	COQ-541	966 Fresno	2022-04-26 07:38	0.54	22	10.2	<1	<1	0.22
GRAB	COQ-541	966 Fresno	2022-05-02 07:50	0.39	28	10.7	<1	<1	0.15
GRAB	COQ-541	966 Fresno	2022-05-11 07:01	0.49	48	11.4	<1	<1	0.14
GRAB	COQ-541	966 Fresno	2022-05-12 07:15	0.42	20	7.6	<1	<1	0.12
GRAB	COQ-541	966 Fresno	2022-05-13 12:27	0.54	8	10.1	<1	<1	0.11
GRAB	COQ-541	966 Fresno	2022-05-16 13:54	0.56	8	10.5	<1	<1	0.12
GRAB	COQ-541	966 Fresno	2022-05-18 07:09	0.47	40	10.6	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-05-27 07:17	0.39	62	13.9	<1	<1	0.19
GRAB	COQ-541	966 Fresno	2022-05-30 10:08	0.38	220	13.5	<1	<1	0.22
GRAB	COQ-541	966 Fresno	2022-06-08 07:56	0.21	750	14.6	<1	<1	0.13
GRAB	COQ-541	966 Fresno	2022-06-13 07:16	0.52	1700	15.6	<1	<1	0.13
GRAB	COQ-541	966 Fresno	2022-06-18 06:48	0.38	680	15	<1	<1	0.15
GRAB	COQ-541	966 Fresno	2022-06-24 08:54	0.28	1100	15.8	<1	<1	0.12
GRAB	COQ-541	966 Fresno	2022-07-02 09:22	0.2	810	16.9	<1	<1	0.13
GRAB	COQ-541	966 Fresno	2022-07-05 07:32	0.34	LA	17.2	<1	<1	0.31
GRAB	COQ-541	966 Fresno	2022-07-06 09:13	0.24	8	18.1	<1	<1	0.13
GRAB	COQ-541	966 Fresno	2022-07-08 13:29	0.48	90	15.6	<1	<1	0.24
GRAB	COQ-541	966 Fresno	2022-07-11 13:42	0.43	120	15.3	<1	<1	0.34
GRAB	COQ-541	966 Fresno	2022-07-13 07:50	0.17	570	18.6	<1	<1	0.18
GRAB	COQ-541	966 Fresno	2022-07-20 12:40	0.3	130	16	<1	<1	0.75
GRAB	COQ-541	966 Fresno	2022-07-25 07:20	0.13	710	19.1	<1	<1	0.43
GRAB	COQ-541	966 Fresno	2022-07-29 13:26	0.38	120	16.5	<1	<1	0.84
GRAB	COQ-541	966 Fresno	2022-08-03 07:11	0.16	480	21.8	<1	<1	0.19
GRAB	COQ-541	966 Fresno	2022-08-04 08:14	0.05	1100	20.9	<1	<1	0.25
GRAB	COQ-541	966 Fresno	2022-08-09 07:13	0.16	1500	21	<1	<1	0.2
GRAB	COQ-541	966 Fresno	2022-08-11 11:40	0.03	1100	21.2	<1	<1	0.22
GRAB	COQ-541	966 Fresno	2022-08-12 12:34	0.21	24	17.8	<1	<1	0.42
GRAB	COQ-541	966 Fresno	2022-08-13 08:43	0.2	220	19.1	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-08-17 07:51	0.05	960	20.7	<1	<1	0.18
GRAB	COQ-541	966 Fresno	2022-08-24 07:49	0.17	300	21.7	<1	<1	0.2
GRAB	COQ-541	966 Fresno	2022-08-30 06:35	0.11	1100	20.4	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-09-06 13:49	0.19	280	20.4	<1	<1	0.11
GRAB	COQ-541	966 Fresno	2022-09-08 07:09	0.18	1100	19.9	<1	<1	0.13
GRAB	COQ-541	966 Fresno	2022-09-12 13:59	0.25	14	19.4	<1	<1	0.23

GRAB	COQ-541	966 Fresno	2022-09-14 07:14	0.2	940	20.1	<1	<1	0.11
GRAB	COQ-541	966 Fresno	2022-09-22 07:11	0.18	1100	18.5	<1	<1	0.26
GRAB	COQ-541	966 Fresno	2022-09-27 07:06	0.14	1200	18.3	<1	<1	0.32
GRAB	COQ-541	966 Fresno	2022-09-28 07:26	0.22	650	17	<1	<1	0.23
GRAB	COQ-541	966 Fresno	2022-09-29 07:55	0.18	570	17.8	<1	<1	0.37
GRAB	COQ-541	966 Fresno	2022-10-04 06:59	0.21	600	18.4	<1	<1	0.21
GRAB	COQ-541	966 Fresno	2022-10-11 07:09	0.13	230	17.4	<1	<1	0.28
GRAB	COQ-541	966 Fresno	2022-10-22 07:29	0.11	560	16.2	<1	<1	0.22
GRAB	COQ-541	966 Fresno	2022-10-24 07:06	0.14	270	16.6	<1	<1	0.2
GRAB	COQ-541	966 Fresno	2022-10-31 07:34	0.15	530	14	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-11-05 12:43	0.24	74	12	<1	<1	0.11
GRAB	COQ-541	966 Fresno	2022-11-07 07:33	0.45	86	12	<1	<1	0.14
GRAB	COQ-541	966 Fresno	2022-11-10 07:43	0.6	190	11	<1	<1	0.17
GRAB	COQ-541	966 Fresno	2022-11-14 07:56	0.28	58	10	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-11-23 09:33	0.39	24	9	<1	<1	0.23
GRAB	COQ-541	966 Fresno	2022-11-24 07:01	0.45	38	9	<1	<1	0.14
GRAB	COQ-541	966 Fresno	2022-12-09 07:51	0.42	8	6	<1	<1	0.29
GRAB	COQ-541	966 Fresno	2022-12-10 11:23	0.44	8	6	<1	<1	0.17
GRAB	COQ-541	966 Fresno	2022-12-14 08:47	0.35	12	7	<1	<1	0.15
GRAB	COQ-541	966 Fresno	2022-12-28 09:15	0.43	NA	6	<1	<1	0.16
GRAB	COQ-541	966 Fresno	2022-12-30 07:17	0.23	NA	6	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-01-06 11:29	0.71	<2	5	<1	<1	0.2
GRAB	COQ-542	590 Orkeny	2022-01-10 10:54	0.44	<2	4.7	<1	<1	0.19
GRAB	COQ-542	590 Orkeny	2022-01-14 10:14	0.51	4	5.1	<1	<1	0.21
GRAB	COQ-542	590 Orkeny	2022-01-18 08:07	0.49	2	5.1	<1	<1	0.2
GRAB	COQ-542	590 Orkeny	2022-01-21 08:15	0.59	2	7	<1	<1	0.19
GRAB	COQ-542	590 Orkeny	2022-01-27 11:38	0.53	<2	6.3	<1	<1	0.25
GRAB	COQ-542	590 Orkeny	2022-01-28 06:56	0.57	<2	5.9	<1	<1	0.19
GRAB	COQ-542	590 Orkeny	2022-01-29 11:32	0.54	<2	5.3	<1	<1	0.23
GRAB	COQ-542	590 Orkeny	2022-02-03 07:00	0.29	<2	6.3	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-02-08 08:12	0.57	<2	5.8	<1	<1	0.32
GRAB	COQ-542	590 Orkeny	2022-02-10 11:24	0.49	<2	6.1	<1	<1	0.26
GRAB	COQ-542	590 Orkeny	2022-02-15 08:15	0.52	<2	6.4	<1	<1	0.22
GRAB	COQ-542	590 Orkeny	2022-02-16 07:54	0.43	<2	7	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-02-24 12:49	0.71	<2	6.7	<1	<1	0.23
GRAB	COQ-542	590 Orkeny	2022-03-01 12:51	0.33	2	6.7	<1	<1	0.22
GRAB	COQ-542	590 Orkeny	2022-03-04 11:15	0.54	<2	6.8	<1	<1	0.3
GRAB	COQ-542	590 Orkeny	2022-03-10 08:25	0.4	<2	6.8	<1	<1	0.2
GRAB	COQ-542	590 Orkeny	2022-03-15 07:54	0.45	<2	7.1	<1	<1	0.21
GRAB	COQ-542	590 Orkeny	2022-03-17 12:54	0.5	2	7.2	<1	<1	0.2
GRAB	COQ-542	590 Orkeny	2022-03-24 09:03	0.33	<2	7.5	<1	<1	0.19
GRAB	COQ-542	590 Orkeny	2022-03-25 10:26	0.45	<2	7	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-03-30 11:23	0.52	<2	8.4	<1	<1	0.17
GRAB	COQ-542	590 Orkeny	2022-03-31 07:08	0.49	<2	8.9	<1	<1	0.15
GRAB	COQ-542	590 Orkeny	2022-04-08 07:59	0.47	<2	9	<1	<1	0.14
GRAB	COQ-542	590 Orkeny	2022-04-14 06:39	0.6	<2	9.5	<1	<1	0.13
GRAB	COQ-542	590 Orkeny	2022-04-20 07:53	0.56	<2	7.3	<1	<1	0.13
GRAB	COQ-542	590 Orkeny	2022-04-26 08:22	0.52	2	10.6	<1	<1	0.13
GRAB	COQ-542	590 Orkeny	2022-04-27 13:13	0.45	<2	8.5	<1	<1	0.14
GRAB	COQ-542	590 Orkeny	2022-05-02 11:29	0.38	4	11.1	<1	<1	0.14
GRAB	COQ-542	590 Orkeny	2022-05-06 08:12	0.47	2	8.3	<1	<1	0.12
GRAB	COQ-542	590 Orkeny	2022-05-11 07:51	0.55	2	11.9	<1	<1	0.14
GRAB	COQ-542	590 Orkeny	2022-05-12 07:38	0.4	10	12	<1	<1	0.12
GRAB	COQ-542	590 Orkeny	2022-05-18 07:53	0.48	<2	9.6	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-05-19 08:34	0.39	<2	12.1	<1	<1	0.14

GRAB	COQ-542	590 Orkeny	2022-05-27 08:48	0.49	4	13.7	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-05-30 13:20	0.43	10	13.3	<1	<1	0.1
GRAB	COQ-542	590 Orkeny	2022-06-04 07:06	0.21	<2	14.9	<1	<1	0.12
GRAB	COQ-542	590 Orkeny	2022-06-08 11:25	0.36	4	14.1	<1	<1	0.13
GRAB	COQ-542	590 Orkeny	2022-06-10 06:43	0.16	16	15	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-06-13 08:03	0.46	2	15.2	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-06-14 12:14	0.36	<2	15.6	<1	<1	0.13
GRAB	COQ-542	590 Orkeny	2022-06-18 06:59	0.33	<2	15.7	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-06-23 06:37	0.24	<2	15.2	<1	<1	0.15
GRAB	COQ-542	590 Orkeny	2022-07-02 10:24	0.48	<2	16.4	<1	<1	0.13
GRAB	COQ-542	590 Orkeny	2022-07-05 08:16	0.27	10	15.5	<1	<1	0.17
GRAB	COQ-542	590 Orkeny	2022-07-13 11:32	0.25	4	18.1	<1	<1	0.11
GRAB	COQ-542	590 Orkeny	2022-07-14 13:04	0.46	12	18.4	<1	<1	0.17
GRAB	COQ-542	590 Orkeny	2022-07-15 12:01	0.33	4	18.8	<1	<1	0.11
GRAB	COQ-542	590 Orkeny	2022-07-19 13:48	0.32	4	18.4	<1	<1	0.11
GRAB	COQ-542	590 Orkeny	2022-07-23 12:44	0.47	<2	15.3	<1	<1	0.11
GRAB	COQ-542	590 Orkeny	2022-07-25 08:16	0.37	2	16.6	<1	<1	0.24
GRAB	COQ-542	590 Orkeny	2022-08-03 07:47	0.4	<2	18	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-08-09 08:02	0.28	<2	17.7	<1	<1	0.14
GRAB	COQ-542	590 Orkeny	2022-08-12 12:13	0.32	2	18.2	<1	<1	0.14
GRAB	COQ-542	590 Orkeny	2022-08-17 11:12	0.18	10	19.5	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-08-24 11:19	0.2	2	20.4	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-08-30 06:49	0.24	24	19.4	<1	<1	0.15
GRAB	COQ-542	590 Orkeny	2022-09-08 07:44	0.15	<2	21.2	<1	<1	0.11
GRAB	COQ-542	590 Orkeny	2022-09-14 08:06	0.19	76	20	<1	<1	0.1
GRAB	COQ-542	590 Orkeny	2022-09-22 07:46	0.2	18	18.8	<1	<1	0.22
GRAB	COQ-542	590 Orkeny	2022-09-27 07:45	0.14	6	18.4	<1	<1	0.26
GRAB	COQ-542	590 Orkeny	2022-09-28 08:02	0.2	52	18.4	<1	<1	0.25
GRAB	COQ-542	590 Orkeny	2022-10-04 07:38	0.17	LA	18	<1	<1	0.2
GRAB	COQ-542	590 Orkeny	2022-10-11 08:02	0.22	66	17	<1	<1	0.2
GRAB	COQ-542	590 Orkeny	2022-10-22 10:04	0.22	22	16.4	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-10-28 08:49	0.16	2	15	<1	<1	0.23
GRAB	COQ-542	590 Orkeny	2022-10-28 11:21	0.09	<2	15	<1	<1	0.21
GRAB	COQ-542	590 Orkeny	2022-11-01 10:20	0.24	2	15	<1	<1	0.19
GRAB	COQ-542	590 Orkeny	2022-11-07 08:24	0.33	<2	12	<1	<1	0.17
GRAB	COQ-542	590 Orkeny	2022-11-14 11:22	0.31	4	11	<1	<1	0.15
GRAB	COQ-542	590 Orkeny	2022-11-15 13:00	0.58	<2	11	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-11-23 09:02	0.44	8	10	<1	<1	0.16
GRAB	COQ-542	590 Orkeny	2022-11-29 06:39	0.31	4	9	<1	<1	0.18
GRAB	COQ-542	590 Orkeny	2022-12-09 08:30	0.24	<2	8	<1	<1	0.15
GRAB	COQ-542	590 Orkeny	2022-12-10 11:45	0.4	<2	7	<1	<1	0.21
GRAB	COQ-542	590 Orkeny	2022-12-14 06:38	0.37	14	8	<1	<1	0.24
GRAB	COQ-542	590 Orkeny	2022-12-28 08:50	0.52	NA	6	<1	<1	0.19
GRAB	COQ-543	1150 Howse	2022-01-12 10:16	0.21	<2	5.5	<1	<1	0.16
GRAB	COQ-543	1150 Howse	2022-01-21 11:59	0.34	<2	7	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-01-25 07:06	0.24	<2	7.1	<1	<1	0.17
GRAB	COQ-543	1150 Howse	2022-01-27 08:56	0.4	<2	7.1	<1	<1	0.2
GRAB	COQ-543	1150 Howse	2022-02-02 10:22	0.22	<2	6.9	<1	<1	0.14
GRAB	COQ-543	1150 Howse	2022-02-09 08:43	0.36	<2	6.5	<1	<1	0.17
GRAB	COQ-543	1150 Howse	2022-02-11 11:34	0.38	<2	7	<1	<1	0.19
GRAB	COQ-543	1150 Howse	2022-02-15 10:06	0.36	<2	7.3	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-02-25 09:41	0.4	<2	7.5	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-03-03 08:42	0.39	<2	8.3	<1	<1	0.15
GRAB	COQ-543	1150 Howse	2022-03-10 10:02	0.42	<2	7.8	<1	<1	0.51
GRAB	COQ-543	1150 Howse	2022-03-11 11:12	0.41	<2	8	<1	<1	0.22

GRAB	COQ-543	1150 Howse	2022-03-16 11:49	0.45	<2	7.4	<1	<1	0.2
GRAB	COQ-543	1150 Howse	2022-03-24 08:42	0.44	<2	6.8	<1	<1	0.15
GRAB	COQ-543	1150 Howse	2022-03-28 09:59	0.43	<2	8.5	<1	<1	0.36
GRAB	COQ-543	1150 Howse	2022-04-14 09:03	0.5	<2	7.8	<1	<1	0.13
GRAB	COQ-543	1150 Howse	2022-04-22 12:29	0.35	<2	8.5	<1	<1	0.11
GRAB	COQ-543	1150 Howse	2022-04-27 12:29	0.46	<2	10.1	<1	<1	0.1
GRAB	COQ-543	1150 Howse	2022-04-28 10:08	0.33	<2	10.6	<1	<1	0.11
GRAB	COQ-543	1150 Howse	2022-05-06 10:13	0.3	<2	11.4	<1	<1	0.12
GRAB	COQ-543	1150 Howse	2022-05-11 09:30	0.34	<2	11.4	<1	<1	0.14
GRAB	COQ-543	1150 Howse	2022-05-16 10:12	0.31	<2	11.8	<1	<1	0.11
GRAB	COQ-543	1150 Howse	2022-05-20 12:04	0.41	<2	12.2	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-05-24 09:51	0.32	2	12.8	<1	<1	0.21
GRAB	COQ-543	1150 Howse	2022-05-31 08:47	0.3	<2	14.3	<1	<1	0.1
GRAB	COQ-543	1150 Howse	2022-06-02 08:23	0.24	<2	13.7	<1	<1	0.19
GRAB	COQ-543	1150 Howse	2022-06-11 07:25	0.23	<2	15	<1	<1	0.6
GRAB	COQ-543	1150 Howse	2022-06-12 09:26	0.28	2	15	<1	<1	0.16
GRAB	COQ-543	1150 Howse	2022-06-14 13:40	0.34	<2	14.8	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-06-20 09:55	0.35	<2	14.7	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-06-26 09:07	0.3	<2	15.3	<1	<1	0.25
GRAB	COQ-543	1150 Howse	2022-06-28 09:25	0.23	2	15.5	<1	<1	0.43
GRAB	COQ-543	1150 Howse	2022-07-03 08:38	0.24	<2	16.6	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-07-08 12:01	0.18	<2	16.9	<1	<1	0.16
GRAB	COQ-543	1150 Howse	2022-07-10 09:29	0.23	<2	17.4	<1	<1	0.12
GRAB	COQ-543	1150 Howse	2022-07-15 12:59	0.25	<2	15.7	<1	<1	0.16
GRAB	COQ-543	1150 Howse	2022-07-17 09:48	0.1	6	18.5	<1	<1	0.15
GRAB	COQ-543	1150 Howse	2022-07-21 12:36	0.16	<2	18	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-07-24 09:44	0.07	6	18.5	<1	<1	0.21
GRAB	COQ-543	1150 Howse	2022-08-04 10:04	0.01	42	21.3	<1	<1	0.25
GRAB	COQ-543	1150 Howse	2022-08-08 09:58	0.14	4	20	<1	<1	0.25
GRAB	COQ-543	1150 Howse	2022-08-11 12:19	0.05	4	20.4	<1	<1	0.21
GRAB	COQ-543	1150 Howse	2022-08-14 10:11	0.07	28	20.9	<1	<1	0.24
GRAB	COQ-543	1150 Howse	2022-08-18 11:56	0.07	22	21.1	<1	<1	0.23
GRAB	COQ-543	1150 Howse	2022-08-21 10:08	0.05	60	21.1	<1	<1	0.17
GRAB	COQ-543	1150 Howse	2022-08-25 12:18	0.07	10	21.8	<1	<1	0.22
GRAB	COQ-543	1150 Howse	2022-08-28 09:51	0.1	10	20.7	<1	<1	0.19
GRAB	COQ-543	1150 Howse	2022-09-08 09:21	0.04	30	20.6	<1	<1	0.17
GRAB	COQ-543	1150 Howse	2022-09-14 13:10	0.18	6	20.2	<1	<1	0.13
GRAB	COQ-543	1150 Howse	2022-09-21 10:34	0.22	8	19.6	<1	<1	0.27
GRAB	COQ-543	1150 Howse	2022-09-27 12:20	0.07	36	19.7	<1	<1	0.28
GRAB	COQ-543	1150 Howse	2022-09-28 11:33	0.04	32	19.7	<1	<1	0.27
GRAB	COQ-543	1150 Howse	2022-10-02 08:31	0.2	38	19.7	<1	<1	0.2
GRAB	COQ-543	1150 Howse	2022-10-09 09:04	0.2	30	19.4	<1	<1	0.18
GRAB	COQ-543	1150 Howse	2022-10-19 09:20	0.42	30	18.3	<1	<1	0.15
GRAB	COQ-543	1150 Howse	2022-10-23 09:48	0.35	140	18	<1	<1	0.21
GRAB	COQ-543	1150 Howse	2022-10-26 09:40	0.11	58	17	<1	<1	0.31
GRAB	COQ-543	1150 Howse	2022-10-28 13:09	0.04	62	16	<1	<1	0.26
GRAB	COQ-543	1150 Howse	2022-10-31 13:00	0.21	<2	14	<1	<1	0.57
GRAB	COQ-543	1150 Howse	2022-11-04 11:39	0.15	18	15	<1	<1	0.15
GRAB	COQ-543	1150 Howse	2022-11-10 09:48	0.17	4	13	<1	<1	0.17
GRAB	COQ-543	1150 Howse	2022-11-13 10:50	0.34	4	13	<1	<1	0.11
GRAB	COQ-543	1150 Howse	2022-11-17 13:05	0.32	<2	12	<1	<1	0.13
GRAB	COQ-543	1150 Howse	2022-11-18 11:00	0.27	4	12	<1	<1	0.17
GRAB	COQ-543	1150 Howse	2022-11-20 09:30	0.1	<2	11	<1	<1	0.16
GRAB	COQ-543	1150 Howse	2022-11-23 09:32	0.25	16	11	<1	<1	0.25
GRAB	COQ-543	1150 Howse	2022-11-30 09:50	0.23	<2	11	<1	<1	0.16

GRAB	COQ-543	1150 Howse	2022-12-02 10:52	0.15	4	11	<1	<1	0.16
GRAB	COQ-543	1150 Howse	2022-12-07 09:49	0.33	<2	8	<1	<1	2.3
GRAB	COQ-543	1150 Howse	2022-12-12 11:05	0.33	<2	9	<1	<1	0.13
GRAB	COQ-543	1150 Howse	2022-12-14 09:47	0.34	2	9	<1	<1	0.19
GRAB	COQ-543	1150 Howse	2022-12-21 12:08	0.36	NA	8	<1	<1	0.17
GRAB	COQ-543	1150 Howse	2022-12-28 07:21	0.19	NA	8	<1	<1	0.14
GRAB	COQ-544	721 Pembroke	2022-01-05 09:10	0.52	<2	5.9	<1	<1	0.29
GRAB	COQ-544	721 Pembroke	2022-01-12 09:53	0.53	2	5.6	<1	<1	0.2
GRAB	COQ-544	721 Pembroke	2022-01-18 11:33	0.62	6	5.6	<1	<1	0.19
GRAB	COQ-544	721 Pembroke	2022-01-25 10:59	0.69	<2	5.4	<1	<1	0.16
GRAB	COQ-544	721 Pembroke	2022-01-27 08:08	0.53	<2	6.3	<1	<1	0.2
GRAB	COQ-544	721 Pembroke	2022-02-02 09:43	0.44	60	5.3	<1	<1	0.54
GRAB	COQ-544	721 Pembroke	2022-02-09 08:19	0.77	14	6.2	<1	<1	0.25
GRAB	COQ-544	721 Pembroke	2022-02-11 07:33	0.74	<2	6.2	<1	<1	0.14
GRAB	COQ-544	721 Pembroke	2022-02-15 09:06	0.48	2	6.6	<1	<1	0.2
GRAB	COQ-544	721 Pembroke	2022-02-25 08:52	0.54	<2	6.5	<1	<1	0.22
GRAB	COQ-544	721 Pembroke	2022-03-03 08:24	0.19	30	7.2	<1	<1	0.2
GRAB	COQ-544	721 Pembroke	2022-03-04 11:40	0.27	2	7.2	<1	<1	0.14
GRAB	COQ-544	721 Pembroke	2022-03-10 09:06	0.61	6	6.8	<1	<1	0.18
GRAB	COQ-544	721 Pembroke	2022-03-16 11:35	0.5	2	7.1	<1	<1	0.16
GRAB	COQ-544	721 Pembroke	2022-03-24 08:22	0.45	14	6.7	<1	<1	0.14
GRAB	COQ-544	721 Pembroke	2022-03-28 09:01	0.56	<2	7.8	<1	<1	0.16
GRAB	COQ-544	721 Pembroke	2022-04-14 08:44	0.63	24	6.9	<1	<1	0.21
GRAB	COQ-544	721 Pembroke	2022-04-22 12:12	0.38	12	8.1	<1	<1	0.13
GRAB	COQ-544	721 Pembroke	2022-04-28 09:07	0.41	4	9.3	<1	<1	0.14
GRAB	COQ-544	721 Pembroke	2022-05-06 09:15	0.44	2	10.1	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-05-11 08:30	0.5	12	10.1	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-05-16 09:16	0.46	8	10.2	<1	<1	0.1
GRAB	COQ-544	721 Pembroke	2022-05-20 11:13	0.54	4	10.8	<1	<1	0.16
GRAB	COQ-544	721 Pembroke	2022-05-24 08:56	0.55	<2	11	<1	<1	0.18
GRAB	COQ-544	721 Pembroke	2022-05-31 08:21	0.47	6	12.5	<1	<1	0.13
GRAB	COQ-544	721 Pembroke	2022-06-02 07:45	0.4	4	11.9	<1	<1	0.18
GRAB	COQ-544	721 Pembroke	2022-06-02 12:56	0.48	<2	12.5	<1	<1	0.13
GRAB	COQ-544	721 Pembroke	2022-06-11 07:10	0.49	<2	12.7	<1	<1	0.16
GRAB	COQ-544	721 Pembroke	2022-06-12 08:09	0.46	<2	13	<1	<1	0.1
GRAB	COQ-544	721 Pembroke	2022-06-20 08:23	0.51	<2	13.5	<1	<1	0.11
GRAB	COQ-544	721 Pembroke	2022-06-26 07:45	0.38	6	14.5	<1	<1	0.27
GRAB	COQ-544	721 Pembroke	2022-06-28 08:27	0.41	6	13.9	<1	<1	0.18
GRAB	COQ-544	721 Pembroke	2022-07-03 07:13	0.35	2	14.7	<1	<1	0.16
GRAB	COQ-544	721 Pembroke	2022-07-08 11:15	0.25	<2	15	<1	<1	0.15
GRAB	COQ-544	721 Pembroke	2022-07-10 08:21	0.36	2	15	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-07-15 13:30	0.24	2	14.1	<1	<1	0.3
GRAB	COQ-544	721 Pembroke	2022-07-17 08:31	0.37	<2	15.7	<1	<1	0.11
GRAB	COQ-544	721 Pembroke	2022-07-21 11:46	0.48	<2	15.6	<1	<1	0.15
GRAB	COQ-544	721 Pembroke	2022-07-24 08:41	0.35	4	15.3	<1	<1	0.25
GRAB	COQ-544	721 Pembroke	2022-08-04 08:50	0.34	28	16.9	<1	<1	0.19
GRAB	COQ-544	721 Pembroke	2022-08-08 09:01	0.41	20	16.5	<1	<1	0.19
GRAB	COQ-544	721 Pembroke	2022-08-14 08:36	0.41	16	16.2	<1	<1	0.18
GRAB	COQ-544	721 Pembroke	2022-08-18 08:54	0.39	4	16.6	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-08-21 08:48	0.4	16	16.8	<1	<1	0.13
GRAB	COQ-544	721 Pembroke	2022-08-25 11:58	0.36	8	17.3	<1	<1	0.18
GRAB	COQ-544	721 Pembroke	2022-08-28 08:40	0.23	8	17.6	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-09-08 08:28	0.2	12	18	<1	<1	0.16
GRAB	COQ-544	721 Pembroke	2022-09-14 12:52	0.23	34	17.2	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-09-15 08:22	0.2	<2	15.2	<1	<1	0.18

GRAB	COQ-544	721 Pembroke	2022-09-21 09:20	0.26	10	17.2	<1	<1	0.25
GRAB	COQ-544	721 Pembroke	2022-09-27 11:45	0.16	12	17	<1	<1	0.28
GRAB	COQ-544	721 Pembroke	2022-09-28 10:32	0.17	4	17.2	<1	<1	0.3
GRAB	COQ-544	721 Pembroke	2022-10-02 07:49	0.35	510	17	<1	<1	0.2
GRAB	COQ-544	721 Pembroke	2022-10-09 08:19	0.5	10	17	<1	<1	0.2
GRAB	COQ-544	721 Pembroke	2022-10-19 07:59	0.56	NA	16.1	<1	<1	0.27
GRAB	COQ-544	721 Pembroke	2022-10-23 08:34	0.3	6	15.5	<1	<1	0.31
GRAB	COQ-544	721 Pembroke	2022-10-26 08:29	0.12	12	15	<1	<1	0.33
GRAB	COQ-544	721 Pembroke	2022-10-28 12:40	0.18	4	15	<1	<1	0.29
GRAB	COQ-544	721 Pembroke	2022-11-04 10:42	0.29	2	14	<1	<1	0.33
GRAB	COQ-544	721 Pembroke	2022-11-10 08:39	0.28	<2	12	<1	<1	0.14
GRAB	COQ-544	721 Pembroke	2022-11-13 08:40	0.58	<2	11	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-11-17 13:20	0.47	<2	11	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-11-18 09:50	0.28	<2	11	<1	<1	0.23
GRAB	COQ-544	721 Pembroke	2022-11-20 08:30	0.32	<2	10	<1	<1	0.1
GRAB	COQ-544	721 Pembroke	2022-11-23 08:16	0.4	<2	10	<1	<1	0.14
GRAB	COQ-544	721 Pembroke	2022-11-30 08:51	0.37	2	10	<1	<1	0.13
GRAB	COQ-544	721 Pembroke	2022-12-04 07:00	0.44	<2	9	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-12-07 08:48	0.34	<2	8	<1	<1	0.15
GRAB	COQ-544	721 Pembroke	2022-12-12 10:38	0.48	<2	7	<1	<1	0.15
GRAB	COQ-544	721 Pembroke	2022-12-14 08:55	0.41	<2	8	<1	<1	0.12
GRAB	COQ-544	721 Pembroke	2022-12-28 07:03	0.36	NA	7	<1	<1	0.25
GRAB	COQ-545	Blue Jay Way	2022-01-07 08:37	0.18	<2	4.9	<1	<1	0.38
GRAB	COQ-545	Blue Jay Way	2022-01-11 09:02	0.29	2	3.5	<1	<1	1.1
GRAB	COQ-545	Blue Jay Way	2022-01-13 11:46	0.33	<2	7.1	<1	<1	0.56
GRAB	COQ-545	Blue Jay Way	2022-01-21 08:59	0.29	<2	5.6	<1	<1	0.31
GRAB	COQ-545	Blue Jay Way	2022-01-28 08:58	0.23	<2	5.7	<1	<1	0.31
GRAB	COQ-545	Blue Jay Way	2022-02-02 09:37	0.23	<2	5.5	<1	<1	0.31
GRAB	COQ-545	Blue Jay Way	2022-02-06 13:19	0.26	<2	5.5	<1	<1	0.3
GRAB	COQ-545	Blue Jay Way	2022-02-09 09:11	0.24	<2	5.5	<1	<1	0.29
GRAB	COQ-545	Blue Jay Way	2022-02-17 09:02	0.26	<2	6.3	<1	<1	0.33
GRAB	COQ-545	Blue Jay Way	2022-03-02 09:19	0.23	2	5.5	<1	<1	0.47
GRAB	COQ-545	Blue Jay Way	2022-03-10 08:34	0.33	<2	6.8	<1	<1	0.31
GRAB	COQ-545	Blue Jay Way	2022-03-31 09:24	0.18	<2	8.2	<1	<1	0.27
GRAB	COQ-545	Blue Jay Way	2022-04-01 09:48	0.23	2	8.2	<1	<1	0.27
GRAB	COQ-545	Blue Jay Way	2022-04-02 11:43	0.24	<2	8.4	<1	<1	0.36
GRAB	COQ-545	Blue Jay Way	2022-04-27 10:46	0.12	<2	10.2	<1	<1	0.21
GRAB	COQ-545	Blue Jay Way	2022-05-05 08:19	0.44	2	8.7	<1	<1	0.22
GRAB	COQ-545	Blue Jay Way	2022-05-12 09:22	0.06	2	11.8	<1	<1	0.2
GRAB	COQ-545	Blue Jay Way	2022-05-18 12:59	0.06	<2	10.9	<1	<1	0.24
GRAB	COQ-545	Blue Jay Way	2022-05-28 11:49	0.44	<2	12	<1	<1	0.2
GRAB	COQ-545	Blue Jay Way	2022-06-02 08:52	0.05	6	13.5	<1	<1	0.22
GRAB	COQ-545	Blue Jay Way	2022-06-06 12:26	0.17	8	14.4	<1	<1	0.24
GRAB	COQ-545	Blue Jay Way	2022-06-08 12:29	0.17	12	14.6	<1	<1	0.22
GRAB	COQ-545	Blue Jay Way	2022-06-09 09:32	0.07	2	14.5	<1	<1	0.24
GRAB	COQ-545	Blue Jay Way	2022-06-15 09:20	0.03	14	14.9	<1	<1	0.27
GRAB	COQ-545	Blue Jay Way	2022-06-21 09:22	0.17	<2	14.9	<1	<1	0.21
GRAB	COQ-545	Blue Jay Way	2022-06-29 10:18	0	6	16.4	<1	<1	0.19
GRAB	COQ-545	Blue Jay Way	2022-07-06 09:25	0.01	16	16.7	<1	<1	0.2
GRAB	COQ-545	Blue Jay Way	2022-07-13 09:18	0.1	<2	16.4	<1	<1	0.2
GRAB	COQ-545	Blue Jay Way	2022-07-16 10:00	0.14	24	18.4	<1	<1	0.22
GRAB	COQ-545	Blue Jay Way	2022-07-19 11:50	0.13	24	18.1	<1	<1	0.18
GRAB	COQ-545	Blue Jay Way	2022-07-27 11:13	0.43	<2	14.9	<1	<1	0.24
GRAB	COQ-545	Blue Jay Way	2022-08-04 09:32	0	96	20.4	<1	<1	0.19
GRAB	COQ-545	Blue Jay Way	2022-08-11 09:27	0.05	20	19.4	<1	<1	0.25

GRAB	COQ-545	Blue Jay Way	2022-08-16 12:23	0.28	4	16.7	<1	<1	0.25
GRAB	COQ-545	Blue Jay Way	2022-08-25 08:46	0.12	24	19.7	<1	<1	0.24
GRAB	COQ-545	Blue Jay Way	2022-08-31 08:46	0.12	10	16	<1	<1	0.21
GRAB	COQ-545	Blue Jay Way	2022-09-09 09:23	0.08	50	20.1	<1	<1	0.3
GRAB	COQ-545	Blue Jay Way	2022-09-13 12:47	0.04	32	19.8	<1	<1	0.2
GRAB	COQ-545	Blue Jay Way	2022-09-29 09:23	0.09	14	19.4	<1	<1	0.19
GRAB	COQ-545	Blue Jay Way	2022-10-06 09:29	0.25	12	18.8	<1	<1	0.2
GRAB	COQ-545	Blue Jay Way	2022-10-18 10:16	0.73	16	18.1	<1	<1	0.25
GRAB	COQ-545	Blue Jay Way	2022-10-25 09:10	0.37	20	14.9	<1	<1	0.37
GRAB	COQ-545	Blue Jay Way	2022-11-02 10:33	0.27	<2	14	<1	<1	0.52
GRAB	COQ-545	Blue Jay Way	2022-11-10 09:23	0.14	<2	11	<1	<1	0.28
GRAB	COQ-545	Blue Jay Way	2022-11-17 09:14	0.13	2	10	<1	<1	0.24
GRAB	COQ-545	Blue Jay Way	2022-11-25 11:15	0.28	<2	9	<1	<1	0.23
GRAB	COQ-545	Blue Jay Way	2022-12-10 09:27	0.29	<2	7	<1	<1	0.22
GRAB	COQ-545	Blue Jay Way	2022-12-16 09:27	0.17	<2	7	<1	<1	0.23
GRAB	COQ-545	Blue Jay Way	2022-12-28 11:57	0.17	NA	5	<1	<1	0.65
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-12 10:46	1.14	<2	4.3	<1	<1	0.64
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-14 11:00	1.13	<2	4.5	<1	<1	1.2
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-18 11:51	1.23	<2	4.8	<1	<1	0.66
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-19 10:27	0.76	<2	6.9	<1	<1	0.64
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-20 12:28	1.11	<2	5	<1	<1	0.51
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-25 07:44	1.02	<2	4.3	<1	<1	0.53
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-27 09:18	1.08	<2	4.9	<1	<1	0.43
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-01-29 10:39	1.02	<2	6.3	<1	<1	0.38
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-02-02 10:02	0.98	<2	4.6	<1	<1	0.37
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-02-09 09:03	0.76	<2	4.8	<1	<1	0.68
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-02-11 07:56	1.23	<2	5.3	<1	<1	0.39
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-02-11 12:18	1.1	<2	4.9	<1	<1	0.46
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-02-15 10:37	0.93	<2	6.3	<1	<1	0.56
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-02-25 10:10	0.67	<2	6.3	<1	<1	0.33
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-03 09:08	1.04	<2	6.1	<1	<1	0.65
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-04 12:07	0.81	<2	7	<1	<1	0.57
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-10 10:27	1.18	<2	7.2	<1	<1	0.3
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-11 11:42	1.28	<2	7.2	<1	<1	0.28
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-16 11:58	1.01	<2	7.6	<1	<1	0.95
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-17 12:35	0.56	<2	7.1	<1	<1	0.55
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-24 09:01	0.66	<2	7.2	<1	<1	0.38
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-03-28 10:27	1.05	<2	8	<1	<1	0.31
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-04-14 09:21	0.71	<2	7.6	<1	<1	0.29
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-04-22 12:53	0.56	2	8	<1	<1	0.26
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-04-27 12:14	0.77	NA	8.2	<1	<1	0.23
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-04-28 10:32	0.64	<2	9.8	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-06 10:41	0.46	2	10.5	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-11 09:59	0.89	<2	9.9	<1	<1	0.28
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-13 12:37	0.72	2	10.2	<1	<1	0.48
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-16 10:38	0.78	<2	10.2	<1	<1	0.3
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-19 09:26	0.79	<2	10.1	<1	<1	0.27
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-20 12:34	0.75	4	10.2	<1	<1	0.24
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-24 10:20	0.79	<2	11	<1	<1	0.26
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-05-31 09:10	0.71	<2	9.1	<1	<1	0.2
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-06-02 08:38	0.53	<2	12.4	<1	<1	0.38
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-06-11 10:37	1.23	<2	11.3	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-06-12 09:58	1.23	<2	11.4	<1	<1	0.2
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-06-17 11:55	0.89	<2	11.8	<1	<1	0.25
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-06-20 08:51	0.96	2	11	<1	<1	0.27

GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-06-26 08:06	0.99	2	11.6	<1	<1	0.28
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-06-28 09:54	0.7	2	13.3	<1	<1	0.23
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-07-03 07:30	0.82	<2	13	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-07-08 11:28	0.78	<2	14	<1	<1	0.24
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-07-10 07:34	0.63	<2	14.3	<1	<1	0.19
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-07-16 06:59	0.91	<2	11.3	<1	<1	0.28
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-07-17 07:42	0.82	<2	14.2	<1	<1	0.17
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-07-21 13:24	1.06	<2	12.2	<1	<1	0.37
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-07-24 07:39	0.51	2	15.1	<1	<1	0.27
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-03 13:12	0.7	<2	14.1	<1	<1	0.23
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-04 08:01	0.63	20	15.3	<1	<1	0.18
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-08 10:22	0.47	10	16	<1	<1	0.34
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-10 09:22	0.47	<2	16.4	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-11 12:36	0.9	<2	13.9	<1	<1	0.23
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-12 12:50	0.65	18	15	<1	<1	0.25
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-14 09:03	0.6	6	16.5	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-18 08:00	1.11	4	13.7	<1	<1	0.31
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-21 07:51	0.3	26	17.6	<1	<1	0.18
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-25 11:07	0.68	14	14.6	<1	<1	0.25
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-08-28 07:48	0.59	22	16.5	<1	<1	0.28
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-09-08 09:56	0.51	22	16.5	<1	<1	0.23
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-09-14 13:25	0.56	48	15.2	<1	<1	0.25
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-09-15 08:47	0.6	<2	15.5	<1	<1	0.22
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-09-21 10:08	0.35	<2	16.8	<1	<1	0.19
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-09-27 12:50	0.85	<2	15.2	<1	<1	0.25
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-09-28 11:57	1.02	<2	15.8	<1	<1	0.33
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-02 08:15	0.5	<2	15.7	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-09 08:47	0.52	<2	15.5	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-19 08:48	0.63	22	14.5	<1	<1	0.29
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-21 11:52	0.75	2	14.5	<1	<1	0.38
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-23 09:32	0.52	<2	13.7	<1	<1	0.25
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-26 10:06	0.82	2	13	<1	<1	0.6
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-28 13:38	1.1	<2	11	<1	<1	0.73
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-10-31 13:14	1.2	<2	11	<1	<1	0.63
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-04 12:03	0.94	<2	11	<1	<1	0.51
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-10 07:49	0.74	<2	9	<1	<1	0.34
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-13 10:05	0.95	<2	9	<1	<1	0.32
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-17 12:51	0.8	4	9	<1	<1	0.36
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-18 11:26	0.81	<2	8	<1	<1	0.45
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-20 09:10	0.57	<2	8	<1	<1	0.32
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-23 10:02	1.15	<2	8	<1	<1	0.37
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-11-30 10:15	0.92	<2	7	<1	<1	0.33
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-12-07 09:43	0.87	<2	6	<1	<1	0.3
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-12-07 10:15	0.99	<2	6	<1	<1	0.35
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-12-12 11:14	0.88	<2	6	<1	<1	0.21
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-12-14 10:15	0.9	<2	6	<1	<1	0.24
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-12-16 11:46	0.98	<2	6	<1	<1	0.27
GRAB	COQ-546	Mackin Park (Nelson & Brunette)	2022-12-28 07:30	0.88	NA	6	<1	<1	0.83
GRAB	COQ-547	Harper Reservoir	2022-01-04 08:17	0.63	<2	4.8	<1	<1	0.48
GRAB	COQ-547	Harper Reservoir	2022-01-10 07:43	1.16	<2	3.5	<1	<1	0.82
GRAB	COQ-547	Harper Reservoir	2022-01-13 08:12	1.48	<2	4.4	<1	<1	0.95
GRAB	COQ-547	Harper Reservoir	2022-01-18 09:08	1.45	<2	5.1	<1	<1	0.82
GRAB	COQ-547	Harper Reservoir	2022-01-25 08:02	0.51	<2	4.8	<1	<1	0.55
GRAB	COQ-547	Harper Reservoir	2022-02-03 07:33	0.99	2	4.2	<1	<1	0.41
GRAB	COQ-547	Harper Reservoir	2022-02-07 08:01	1.05	2	6	<1	<1	0.59

GRAB	COQ-547	Harper Reservoir	2022-02-14 08:10	0.58	<2	4	<1	<1	0.42
GRAB	COQ-547	Harper Reservoir	2022-03-01 08:27	0.61	10	5.6	<1	<1	0.53
GRAB	COQ-547	Harper Reservoir	2022-03-09 08:03	0.52	6	5.5	<1	<1	0.59
GRAB	COQ-547	Harper Reservoir	2022-03-14 08:06	0.63	6	5.3	<1	<1	0.39
GRAB	COQ-547	Harper Reservoir	2022-03-21 07:56	0.49	<2	5.5	<1	<1	0.64
GRAB	COQ-547	Harper Reservoir	2022-03-28 08:07	0.71	2	6.6	<1	<1	0.36
GRAB	COQ-547	Harper Reservoir	2022-04-06 09:30	0.94	<2	6	<1	<1	0.4
GRAB	COQ-547	Harper Reservoir	2022-04-12 07:37	0.65	<2	6.1	<1	<1	0.32
GRAB	COQ-547	Harper Reservoir	2022-04-19 07:57	0.71	4	6.3	<1	<1	0.34
GRAB	COQ-547	Harper Reservoir	2022-04-25 07:56	0.58	<2	7.2	<1	<1	0.29
GRAB	COQ-547	Harper Reservoir	2022-05-03 08:05	0.81	2	7.1	<1	<1	0.41
GRAB	COQ-547	Harper Reservoir	2022-05-09 08:12	0.66	<2	7.5	<1	<1	0.23
GRAB	COQ-547	Harper Reservoir	2022-05-16 07:55	0.69	22	9.4	<1	<1	0.26
GRAB	COQ-547	Harper Reservoir	2022-05-24 08:19	0.46	4	8.4	<1	<1	0.27
GRAB	COQ-547	Harper Reservoir	2022-05-30 08:01	0.49	16	8.3	<1	<1	0.37
GRAB	COQ-547	Harper Reservoir	2022-06-06 07:49	0.86	16	8.8	<1	<1	0.32
GRAB	COQ-547	Harper Reservoir	2022-06-08 12:07	0.54	8	10.1	<1	<1	0.26
GRAB	COQ-547	Harper Reservoir	2022-06-13 07:32	0.96	14	9.6	<1	<1	0.24
GRAB	COQ-547	Harper Reservoir	2022-06-20 08:06	0.91	8	9.1	<1	<1	0.23
GRAB	COQ-547	Harper Reservoir	2022-06-27 07:34	0.61	4	10.4	<1	<1	0.26
GRAB	COQ-547	Harper Reservoir	2022-07-07 07:56	0.59	16	10	<1	<1	0.29
GRAB	COQ-547	Harper Reservoir	2022-07-11 07:56	0.52	36	12.2	<1	<1	0.29
GRAB	COQ-547	Harper Reservoir	2022-07-16 09:06	1.33	2	12	<1	<1	0.29
GRAB	COQ-547	Harper Reservoir	2022-07-19 08:16	0.82	<2	11.8	<1	<1	0.28
GRAB	COQ-547	Harper Reservoir	2022-07-25 10:00	0.54	10	13	<1	<1	0.29
GRAB	COQ-547	Harper Reservoir	2022-08-02 07:52	1.38	30	14.3	<1	<1	4.5
GRAB	COQ-547	Harper Reservoir	2022-08-08 08:30	1.23	<2	13.5	<1	<1	0.47
GRAB	COQ-547	Harper Reservoir	2022-08-15 07:40	0.63	<2	13.2	<1	<1	0.32
GRAB	COQ-547	Harper Reservoir	2022-08-23 07:42	0.58	2	14.2	<1	<1	0.34
GRAB	COQ-547	Harper Reservoir	2022-09-01 11:56	1.19	10	15.7	<1	<1	0.93
GRAB	COQ-547	Harper Reservoir	2022-09-06 08:07	0.24	20	15	<1	<1	0.86
GRAB	COQ-547	Harper Reservoir	2022-09-12 07:54	0.52	14	15.8	<1	<1	0.29
GRAB	COQ-547	Harper Reservoir	2022-09-22 09:58	0.57	20	15	<1	<1	0.54
GRAB	COQ-547	Harper Reservoir	2022-09-27 09:59	0.16	24	16.2	<1	<1	2
GRAB	COQ-547	Harper Reservoir	2022-10-03 08:02	0.33	8	14.4	<1	<1	0.39
GRAB	COQ-547	Harper Reservoir	2022-10-12 07:53	0.39	22	14.4	<1	<1	0.43
GRAB	COQ-547	Harper Reservoir	2022-10-24 08:24	0.35	30	11.8	<1	<1	0.42
GRAB	COQ-547	Harper Reservoir	2022-10-28 09:39	0.32	8	12	<1	<1	0.51
GRAB	COQ-547	Harper Reservoir	2022-11-03 07:35	0.26	30	10	<1	<1	0.9
GRAB	COQ-547	Harper Reservoir	2022-11-07 07:49	0.21	22	10	<1	<1	0.51
GRAB	COQ-547	Harper Reservoir	2022-11-16 08:36	0.31	40	9	<1	<1	0.45
GRAB	COQ-547	Harper Reservoir	2022-11-21 10:14	0.19	44	8	<1	<1	0.53
GRAB	COQ-547	Harper Reservoir	2022-12-15 08:09	0.37	38	6	<1	<1	3.8
GRAB	COQ-547	Harper Reservoir	2022-12-28 11:31	0.55	NA	6	<1	<1	0.86
GRAB	COQ-548	Rochester School	2022-01-05 10:24	0.51	<2	4.4	<1	<1	0.34
GRAB	COQ-548	Rochester School	2022-01-12 10:25	0.61	58	4.5	<1	<1	0.18
GRAB	COQ-548	Rochester School	2022-01-19 10:56	0.51	2	7	<1	<1	3.5
GRAB	COQ-548	Rochester School	2022-01-21 11:24	0.57	<2	4.7	<1	<1	0.16
GRAB	COQ-548	Rochester School	2022-01-25 08:17	0.54	<2	4.5	<1	<1	0.17
GRAB	COQ-548	Rochester School	2022-01-29 11:04	0.59	<2	5.3	<1	<1	0.2
GRAB	COQ-548	Rochester School	2022-02-02 10:34	0.58	<2	4.5	<1	<1	0.16
GRAB	COQ-548	Rochester School	2022-02-09 08:52	0.56	<2	4.7	<1	<1	0.15
GRAB	COQ-548	Rochester School	2022-02-11 11:29	0.7	<2	4.7	<1	<1	0.19
GRAB	COQ-548	Rochester School	2022-02-15 10:21	0.55	<2	4.9	<1	<1	0.19
GRAB	COQ-548	Rochester School	2022-02-25 09:53	0.58	<2	4.9	<1	<1	0.14

GRAB	COQ-548	Rochester School	2022-03-03 09:17	1.03	<2	6.8	<1	<1	0.29
GRAB	COQ-548	Rochester School	2022-03-10 10:14	0.56	<2	5	<1	<1	0.31
GRAB	COQ-548	Rochester School	2022-03-16 12:43	0.58	2	7.8	<1	<1	0.32
GRAB	COQ-548	Rochester School	2022-03-17 12:45	0.56	<2	6.9	<1	<1	0.2
GRAB	COQ-548	Rochester School	2022-03-24 09:10	0.61	<2	6	<1	<1	0.15
GRAB	COQ-548	Rochester School	2022-03-28 10:12	0.56	2	6.1	<1	<1	0.15
GRAB	COQ-548	Rochester School	2022-04-14 09:36	0.64	<2	7.3	<1	<1	0.15
GRAB	COQ-548	Rochester School	2022-04-22 13:08	0.59	2	7.8	<1	<1	0.11
GRAB	COQ-548	Rochester School	2022-04-27 12:22	0.59	2	8.3	<1	<1	0.12
GRAB	COQ-548	Rochester School	2022-04-28 10:19	0.52	<2	7.4	<1	<1	0.11
GRAB	COQ-548	Rochester School	2022-05-06 10:26	0.37	2	8.1	<1	<1	0.12
GRAB	COQ-548	Rochester School	2022-05-11 09:45	0.54	<2	8.4	<1	<1	0.13
GRAB	COQ-548	Rochester School	2022-05-16 10:24	0.42	2	8.4	<1	<1	0.11
GRAB	COQ-548	Rochester School	2022-05-20 12:16	0.58	<2	8.4	<1	<1	0.15
GRAB	COQ-548	Rochester School	2022-05-24 10:03	0.6	<2	8.7	<1	<1	0.17
GRAB	COQ-548	Rochester School	2022-05-31 09:34	0.47	<2	10.6	<1	<1	0.11
GRAB	COQ-548	Rochester School	2022-06-11 07:42	0.54	<2	10	<1	<1	0.12
GRAB	COQ-548	Rochester School	2022-06-12 09:41	0.51	<2	10	<1	<1	0.11
GRAB	COQ-548	Rochester School	2022-06-20 10:08	0.5	<2	10.3	<1	<1	0.18
GRAB	COQ-548	Rochester School	2022-06-26 09:20	0.5	<2	10.7	<1	<1	0.37
GRAB	COQ-548	Rochester School	2022-06-28 09:37	0.47	<2	10.4	<1	<1	0.26
GRAB	COQ-548	Rochester School	2022-07-03 08:51	0.44	<2	11.2	<1	<1	0.3
GRAB	COQ-548	Rochester School	2022-07-10 09:43	0.39	<2	12.7	<1	<1	0.52
GRAB	COQ-548	Rochester School	2022-07-13 10:54	0.27	<2	13.3	<1	<1	0.18
GRAB	COQ-548	Rochester School	2022-07-14 13:24	0.54	<2	14	<1	<1	0.12
GRAB	COQ-548	Rochester School	2022-07-15 11:40	0.35	<2	13.1	<1	<1	0.26
GRAB	COQ-548	Rochester School	2022-07-17 10:03	0.32	2	12.3	<1	<1	0.16
GRAB	COQ-548	Rochester School	2022-07-21 12:53	0.5	<2	12.4	<1	<1	0.24
GRAB	COQ-548	Rochester School	2022-07-24 09:58	0.52	6	12.3	<1	<1	0.45
GRAB	COQ-548	Rochester School	2022-08-03 12:59	0.38	2	14.4	<1	<1	0.17
GRAB	COQ-548	Rochester School	2022-08-04 10:22	0.27	<2	13.1	<1	<1	0.2
GRAB	COQ-548	Rochester School	2022-08-08 10:09	0.27	<2	13.7	<1	<1	0.26
GRAB	COQ-548	Rochester School	2022-08-10 09:39	0.3	2	14.8	<1	<1	0.24
GRAB	COQ-548	Rochester School	2022-08-11 12:03	0.4	<2	15.2	<1	<1	0.22
GRAB	COQ-548	Rochester School	2022-08-13 08:16	0.37	<2	14.4	<1	<1	0.24
GRAB	COQ-548	Rochester School	2022-08-14 10:25	0.91	<2	13.7	<1	<1	0.19
GRAB	COQ-548	Rochester School	2022-08-18 12:10	0.79	<2	14.6	<1	<1	0.24
GRAB	COQ-548	Rochester School	2022-08-21 10:22	0.53	<2	13.6	<1	<1	0.18
GRAB	COQ-548	Rochester School	2022-08-28 10:09	0.45	2	15.3	<1	<1	0.12
GRAB	COQ-548	Rochester School	2022-09-08 09:35	0.18	<2	15.7	<1	<1	0.17
GRAB	COQ-548	Rochester School	2022-09-14 13:35	0.41	<2	15.2	<1	<1	0.14
GRAB	COQ-548	Rochester School	2022-09-21 10:43	0.25	<2	15.5	<1	<1	0.34
GRAB	COQ-548	Rochester School	2022-09-27 12:31	0.42	<2	15.6	<1	<1	0.25
GRAB	COQ-548	Rochester School	2022-09-28 11:45	0.05	8	15.4	<1	<1	0.25
GRAB	COQ-548	Rochester School	2022-10-02 08:37	0.15	<2	16	<1	<1	0.22
GRAB	COQ-548	Rochester School	2022-10-09 09:19	0.65	4	15.7	<1	<1	0.2
GRAB	COQ-548	Rochester School	2022-10-19 09:24	0.47	<2	15.3	<1	<1	0.22
GRAB	COQ-548	Rochester School	2022-10-23 09:52	0.51	<2	15.5	<1	<1	0.28
GRAB	COQ-548	Rochester School	2022-10-26 09:55	0.18	<2	15	<1	<1	0.41
GRAB	COQ-548	Rochester School	2022-10-28 13:25	0.19	<2	14	<1	<1	0.34
GRAB	COQ-548	Rochester School	2022-10-31 13:31	0.28	2	13	<1	<1	0.29
GRAB	COQ-548	Rochester School	2022-11-10 10:05	0.34	<2	11	<1	<1	0.36
GRAB	COQ-548	Rochester School	2022-11-13 11:10	0.49	<2	10	<1	<1	0.14
GRAB	COQ-548	Rochester School	2022-11-20 09:42	0.52	<2	8	<1	<1	0.25
GRAB	COQ-548	Rochester School	2022-11-23 09:47	0.23	<2	8	<1	<1	0.13

GRAB	COQ-548	Rochester School	2022-11-30 09:59	0.49	<2	8	<1	<1	0.16
GRAB	COQ-548	Rochester School	2022-12-07 10:00	0.48	<2	6	<1	<1	0.13
GRAB	COQ-548	Rochester School	2022-12-12 11:27	0.71	<2	7	<1	<1	0.14
GRAB	COQ-548	Rochester School	2022-12-14 09:58	0.49	<2	6	<1	<1	0.13
GRAB	COQ-548	Rochester School	2022-12-28 07:42	0.6	NA	6	<1	<1	0.23
GRAB	COQ-549	Scott Creek Pump Station	2022-01-11 07:06	1.11	<2	4.2	<1	<1	0.6
GRAB	COQ-549	Scott Creek Pump Station	2022-01-14 07:27	0.78	<2	7.3	<1	<1	1.6
GRAB	COQ-549	Scott Creek Pump Station	2022-01-20 07:49	0.63	<2	5.4	<1	<1	0.41
GRAB	COQ-549	Scott Creek Pump Station	2022-01-28 07:37	0.61	<2	5	<1	<1	0.37
GRAB	COQ-549	Scott Creek Pump Station	2022-02-02 07:35	1.21	2	4.9	<1	<1	0.38
GRAB	COQ-549	Scott Creek Pump Station	2022-02-06 11:43	0.84	<2	4.9	<1	<1	0.43
GRAB	COQ-549	Scott Creek Pump Station	2022-02-09 07:35	1.02	<2	4.3	<1	<1	0.41
GRAB	COQ-549	Scott Creek Pump Station	2022-02-17 07:32	0.96	<2	5.4	<1	<1	0.33
GRAB	COQ-549	Scott Creek Pump Station	2022-03-02 07:44	1.08	<2	4.7	<1	<1	0.67
GRAB	COQ-549	Scott Creek Pump Station	2022-03-10 06:48	0.83	<2	4.9	<1	<1	0.49
GRAB	COQ-549	Scott Creek Pump Station	2022-03-20 12:28	0.83	<2	6.2	<1	<1	0.46
GRAB	COQ-549	Scott Creek Pump Station	2022-03-25 07:26	0.7	<2	5.9	<1	<1	0.34
GRAB	COQ-549	Scott Creek Pump Station	2022-03-31 07:34	0.67	<2	6.8	<1	<1	0.28
GRAB	COQ-549	Scott Creek Pump Station	2022-04-01 08:12	0.83	<2	6.2	<1	<1	0.31
GRAB	COQ-549	Scott Creek Pump Station	2022-04-06 12:39	0.6	<2	6.9	<1	<1	0.27
GRAB	COQ-549	Scott Creek Pump Station	2022-04-27 08:46	0.72	<2	6.8	<1	<1	0.26
GRAB	COQ-549	Scott Creek Pump Station	2022-05-05 09:17	0.89	4	7.8	<1	<1	0.29
GRAB	COQ-549	Scott Creek Pump Station	2022-05-12 07:49	0.44	<2	7.9	<1	<1	0.3
GRAB	COQ-549	Scott Creek Pump Station	2022-05-18 11:10	0.48	<2	8	<1	<1	0.3
GRAB	COQ-549	Scott Creek Pump Station	2022-05-28 10:13	0.93	<2	8	<1	<1	0.28
GRAB	COQ-549	Scott Creek Pump Station	2022-06-02 07:22	1.24	<2	9.3	<1	<1	0.28
GRAB	COQ-549	Scott Creek Pump Station	2022-06-09 07:44	1.77	<2	9.3	<1	<1	0.28
GRAB	COQ-549	Scott Creek Pump Station	2022-06-15 07:25	0.67	<2	9.5	<1	<1	0.31
GRAB	COQ-549	Scott Creek Pump Station	2022-06-21 07:30	1.67	<2	9.5	<1	<1	0.27
GRAB	COQ-549	Scott Creek Pump Station	2022-06-22 12:47	1.31	<2	9.3	<1	<1	0.99
GRAB	COQ-549	Scott Creek Pump Station	2022-06-29 08:40	0.49	<2	9.5	<1	<1	0.24
GRAB	COQ-549	Scott Creek Pump Station	2022-07-06 07:44	1.38	14	9.6	<1	<1	0.24
GRAB	COQ-549	Scott Creek Pump Station	2022-07-13 07:38	1.45	<2	10.3	<1	<1	0.23
GRAB	COQ-549	Scott Creek Pump Station	2022-07-16 11:16	1.26	2	12	<1	<1	0.21
GRAB	COQ-549	Scott Creek Pump Station	2022-07-19 09:42	0.57	18	10.9	<1	<1	0.22
GRAB	COQ-549	Scott Creek Pump Station	2022-07-27 08:58	0.81	28	11.9	<1	<1	0.3
GRAB	COQ-549	Scott Creek Pump Station	2022-08-04 07:45	1.07	22	13.1	<1	<1	0.19
GRAB	COQ-549	Scott Creek Pump Station	2022-08-11 07:49	0.45	<2	12.3	<1	<1	0.22
GRAB	COQ-549	Scott Creek Pump Station	2022-08-16 10:35	0.69	<2	14	<1	<1	0.18
GRAB	COQ-549	Scott Creek Pump Station	2022-08-25 07:20	0.62	4	14.1	<1	<1	0.27
GRAB	COQ-549	Scott Creek Pump Station	2022-08-31 07:00	1.06	10	14.4	<1	<1	0.24
GRAB	COQ-549	Scott Creek Pump Station	2022-09-09 07:33	1	2	14.5	<1	<1	0.27
GRAB	COQ-549	Scott Creek Pump Station	2022-09-28 08:34	0.75	24	15.1	<1	<1	0.27
GRAB	COQ-549	Scott Creek Pump Station	2022-09-29 07:43	0.73	2	15.1	<1	<1	0.29
GRAB	COQ-549	Scott Creek Pump Station	2022-10-06 08:13	0.96	8	15.4	<1	<1	0.26
GRAB	COQ-549	Scott Creek Pump Station	2022-10-18 09:26	0.68	<2	15	<1	<1	0.34
GRAB	COQ-549	Scott Creek Pump Station	2022-10-25 06:37	1.52	6	13.7	<1	<1	0.29
GRAB	COQ-549	Scott Creek Pump Station	2022-11-02 08:39	0.76	<2	11	<1	<1	0.41
GRAB	COQ-549	Scott Creek Pump Station	2022-11-10 07:52	1.22	<2	9	<1	<1	0.36
GRAB	COQ-549	Scott Creek Pump Station	2022-11-17 07:23	0.61	<2	9	<1	<1	0.28
GRAB	COQ-549	Scott Creek Pump Station	2022-11-25 12:25	0.98	<2	9	<1	<1	0.29
GRAB	COQ-549	Scott Creek Pump Station	2022-12-10 08:00	1.13	2	6	<1	<1	0.23
GRAB	COQ-549	Scott Creek Pump Station	2022-12-16 08:25	0.81	<2	6	<1	<1	0.26
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-01-10 08:07	0.8	<2	4.4	<1	<1	0.57
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-01-13 07:59	0.69	<2	8.1	<1	<1	1.4

GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-01-18 09:17	0.97	12	6.7	<1	<1	0.53
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-01-25 08:09	0.57	4	5.8	<1	<1	0.45
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-02-11 09:57	0.94	<2	6.3	<1	<1	0.33
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-02-14 08:23	0.72	<2	5.1	<1	<1	0.25
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-02-16 10:17	0.81	<2	7.8	<1	<1	0.35
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-02-22 08:22	0.6	<2	5.2	<1	<1	0.32
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-03-01 08:36	0.49	<2	6.5	<1	<1	0.71
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-03-09 08:11	0.5	<2	7.1	<1	<1	0.34
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-03-10 10:57	0.57	<2	7.4	<1	<1	0.38
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-03-14 08:21	0.61	<2	7.4	<1	<1	0.33
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-03-21 08:03	0.62	<2	6.8	<1	<1	0.35
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-03-25 08:09	0.56	<2	6.9	<1	<1	0.33
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-03-28 08:18	0.72	<2	7.3	<1	<1	0.3
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-04-06 09:11	0.67	<2	7.5	<1	<1	0.32
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-04-12 07:58	0.68	<2	8	<1	<1	0.28
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-04-19 08:06	0.83	2	7	<1	<1	0.24
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-04-25 08:04	0.51	8	9	<1	<1	0.26
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-04-26 10:36	0.63	2	8.6	<1	<1	0.25
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-05-03 08:12	0.71	<2	8.2	<1	<1	0.34
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-05-06 09:21	0.45	<2	11.1	<1	<1	0.21
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-05-09 08:24	0.43	<2	9	<1	<1	0.19
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-05-12 09:14	0.5	<2	10	<1	<1	0.21
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-05-16 08:06	0.43	<2	10.5	<1	<1	0.2
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-05-24 08:27	0.6	2	10.8	<1	<1	0.21
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-05-30 08:10	0.49	<2	11.2	<1	<1	0.22
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-06-03 12:03	0.6	<2	11.2	<1	<1	0.25
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-06-06 07:59	0.52	<2	9.7	<1	<1	0.21
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-06-08 07:46	0.51	2	11.9	<1	<1	0.2
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-06-13 07:56	0.31	<2	12.7	<1	<1	0.27
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-06-20 08:18	0.44	<2	12.2	<1	<1	0.23
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-06-27 07:53	0.18	22	14.4	<1	<1	0.41
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-07-06 11:36	0.56	<2	13.1	<1	<1	0.2
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-07-08 11:35	0.46	<2	13.6	<1	<1	0.32
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-07-11 08:07	0.42	12	13.8	<1	<1	0.24
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-07-16 08:42	0.74	<2	14.2	<1	<1	0.2
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-07-19 08:36	0.49	<2	14	<1	<1	0.17
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-07-22 10:21	0.31	8	16.5	<1	<1	0.33
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-07-25 10:14	0.3	10	16.5	<1	<1	0.31
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-02 08:03	0.91	<2	13.9	<1	<1	0.22
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-05 09:32	0.25	10	17.2	<1	<1	0.22
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-08 09:11	0.25	64	18	<1	<1	0.47
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-10 10:59	0.32	2	18.1	<1	<1	0.25
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-11 07:46	0.21	<2	17	<1	<1	0.24
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-12 11:04	0.24	<2	17.8	<1	<1	0.3
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-15 07:59	0.12	<2	17.2	<1	<1	0.23
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-08-23 08:05	0.46	<2	16.5	<1	<1	0.28
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-01 11:41	0.64	<2	1674	<1	<1	0.27
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-06 08:23	0.6	16	15.9	<1	<1	0.27
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-09 08:32	0.69	<2	18.8	<1	<1	0.3
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-12 08:05	0.55	<2	16.8	<1	<1	0.19
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-22 10:07	0.57	110	17.1	<1	<1	0.33
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-27 10:08	0.69	36	16.3	<1	<1	0.27
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-28 10:04	0.36	<2	16.3	<1	<1	0.31
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-09-29 11:06	0.61	<2	15.8	<1	<1	0.35
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-10-03 08:08	0.51	22	15.9	<1	<1	0.28

GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-10-12 08:00	0.59	4	16.4	<1	<1	0.29
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-10-21 07:49	0.49	14	15.2	<1	<1	0.26
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-10-24 08:37	0.55	50	15	<1	<1	0.26
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-10-26 10:13	0.57	16	15	<1	<1	0.36
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-10-28 09:47	0.45	<2	13	<1	<1	0.41
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-10-31 08:30	0.66	<2	14	<1	<1	0.41
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-11-30 12:07	0.64	4	8	<1	<1	0.37
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-12-10 07:01	0.59	4	7	<1	<1	0.23
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-12-15 08:22	0.46	<2	8	<1	<1	0.2
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-12-16 12:50	0.39	<2	7	<1	<1	0.22
GRAB	COQ-600	Leigh Elementary School, Victoria Dr.	2022-12-28 11:18	0.6	NA	7	<1	<1	0.89
GRAB	COQ-601	2085 Concord	2022-01-05 11:11	0.35	<2	5.8	<1	<1	0.39
GRAB	COQ-601	2085 Concord	2022-01-12 11:02	0.34	<2	5.9	<1	<1	0.52
GRAB	COQ-601	2085 Concord	2022-01-18 12:10	0.63	<2	6	<1	<1	0.5
GRAB	COQ-601	2085 Concord	2022-01-25 08:45	0.44	<2	7.3	<1	<1	0.38
GRAB	COQ-601	2085 Concord	2022-02-02 10:57	0.85	<2	6.5	<1	<1	0.3
GRAB	COQ-601	2085 Concord	2022-02-09 10:00	0.49	<2	6.8	<1	<1	0.35
GRAB	COQ-601	2085 Concord	2022-02-11 08:54	0.58	<2	6.8	<1	<1	0.31
GRAB	COQ-601	2085 Concord	2022-02-15 11:11	0.45	<2	7.1	<1	<1	0.3
GRAB	COQ-601	2085 Concord	2022-02-25 10:38	0.67	<2	7	<1	<1	0.27
GRAB	COQ-601	2085 Concord	2022-03-03 09:54	0.75	<2	6.7	<1	<1	0.58
GRAB	COQ-601	2085 Concord	2022-03-10 10:53	0.71	<2	7.8	<1	<1	0.31
GRAB	COQ-601	2085 Concord	2022-03-24 09:28	0.34	6	6.7	<1	<1	0.29
GRAB	COQ-601	2085 Concord	2022-03-28 11:01	0.44	2	8.3	<1	<1	0.3
GRAB	COQ-601	2085 Concord	2022-04-14 09:52	0.58	<2	7.5	<1	<1	0.25
GRAB	COQ-601	2085 Concord	2022-04-22 13:23	0.35	<2	8.1	<1	<1	0.21
GRAB	COQ-601	2085 Concord	2022-04-28 11:10	0.42	<2	10.1	<1	<1	0.23
GRAB	COQ-601	2085 Concord	2022-05-06 11:19	0.35	<2	10.8	<1	<1	0.2
GRAB	COQ-601	2085 Concord	2022-05-11 10:28	0.38	<2	11.1	<1	<1	0.2
GRAB	COQ-601	2085 Concord	2022-05-16 11:22	0.33	<2	11.2	<1	<1	0.23
GRAB	COQ-601	2085 Concord	2022-05-20 13:12	0.38	<2	11.1	<1	<1	0.23
GRAB	COQ-601	2085 Concord	2022-05-24 10:53	0.41	<2	11.8	<1	<1	0.26
GRAB	COQ-601	2085 Concord	2022-05-31 09:56	0.3	2	13	<1	<1	0.19
GRAB	COQ-601	2085 Concord	2022-06-02 09:03	0.37	<2	12.7	<1	<1	0.37
GRAB	COQ-601	2085 Concord	2022-06-11 08:29	0.21	<2	13.8	<1	<1	0.19
GRAB	COQ-601	2085 Concord	2022-06-12 10:48	0.41	4	13.9	<1	<1	0.19
GRAB	COQ-601	2085 Concord	2022-06-20 11:00	0.35	2	13.6	<1	<1	0.17
GRAB	COQ-601	2085 Concord	2022-06-26 10:12	0.48	<2	13.6	<1	<1	0.22
GRAB	COQ-601	2085 Concord	2022-06-28 10:36	0.45	<2	13.5	<1	<1	0.21
GRAB	COQ-601	2085 Concord	2022-07-03 09:39	0.31	<2	14.7	<1	<1	0.2
GRAB	COQ-601	2085 Concord	2022-07-10 10:26	0.36	<2	15.2	<1	<1	0.21
GRAB	COQ-601	2085 Concord	2022-07-17 10:47	0.29	<2	16.6	<1	<1	0.16
GRAB	COQ-601	2085 Concord	2022-07-21 13:54	0.51	<2	15	<1	<1	0.26
GRAB	COQ-601	2085 Concord	2022-07-24 10:52	0.35	4	16.3	<1	<1	0.2
GRAB	COQ-601	2085 Concord	2022-08-04 11:19	0.28	2	17.5	<1	<1	0.18
GRAB	COQ-601	2085 Concord	2022-08-08 10:56	0.33	<2	17	<1	<1	0.31
GRAB	COQ-601	2085 Concord	2022-08-11 11:35	0.38	<2	17.4	<1	<1	0.17
GRAB	COQ-601	2085 Concord	2022-08-14 11:09	0.37	<2	17.1	<1	<1	0.28
GRAB	COQ-601	2085 Concord	2022-08-18 12:57	0.45	2	17.5	<1	<1	0.19
GRAB	COQ-601	2085 Concord	2022-08-21 11:17	0.21	8	11.6	<1	<1	0.18
GRAB	COQ-601	2085 Concord	2022-08-25 12:41	0.41	8	17.8	<1	<1	0.26
GRAB	COQ-601	2085 Concord	2022-08-28 10:55	0.22	10	19	<1	<1	0.19
GRAB	COQ-601	2085 Concord	2022-09-08 10:37	0.07	<2	19	<1	<1	0.22
GRAB	COQ-601	2085 Concord	2022-09-15 09:19	0.21	42	17.4	<1	<1	0.23
GRAB	COQ-601	2085 Concord	2022-09-21 11:04	0.45	8	17.4	<1	<1	0.29

GRAB	COQ-601	2085 Concord	2022-09-28 12:22	0.13	8	17.8	<1	<1	0.2
GRAB	COQ-601	2085 Concord	2022-10-02 08:57	0.33	16	17.7	<1	<1	0.21
GRAB	COQ-601	2085 Concord	2022-10-09 09:43	0.3	6	17.8	<1	<1	0.19
GRAB	COQ-601	2085 Concord	2022-10-19 09:42	0.3	18	16.8	<1	<1	0.21
GRAB	COQ-601	2085 Concord	2022-10-23 10:11	0.17	98	16.5	<1	<1	0.24
GRAB	COQ-601	2085 Concord	2022-11-10 08:22	0.07	<2	13	<1	<1	0.33
GRAB	COQ-601	2085 Concord	2022-11-13 11:27	0.37	<2	12	<1	<1	0.27
GRAB	COQ-601	2085 Concord	2022-11-17 12:44	0.25	<2	11	<1	<1	0.25
GRAB	COQ-601	2085 Concord	2022-11-20 10:10	0.68	<2	11	<1	<1	0.25
GRAB	COQ-601	2085 Concord	2022-11-23 10:35	0.15	<2	11	<1	<1	0.31
GRAB	COQ-601	2085 Concord	2022-11-30 10:41	0.1	12	11	<1	<1	0.25
GRAB	COQ-601	2085 Concord	2022-12-07 10:44	0.29	<2	9	<1	<1	0.22
GRAB	COQ-601	2085 Concord	2022-12-14 10:48	0.14	<2	8	<1	<1	0.18
GRAB	COQ-601	2085 Concord	2022-12-28 08:00	0.15	NA	7	<1	<1	0.59
GRAB	COQ-603	1323 Glenbrook	2022-01-04 08:02	0.57	4	6	<1	<1	0.4
GRAB	COQ-603	1323 Glenbrook	2022-01-10 07:31	0.8	2	4.1	<1	<1	0.57
GRAB	COQ-603	1323 Glenbrook	2022-01-13 08:28	0.9	<2	7.1	<1	<1	1.6
GRAB	COQ-603	1323 Glenbrook	2022-01-18 08:59	1.02	<2	7.2	<1	<1	0.55
GRAB	COQ-603	1323 Glenbrook	2022-01-25 07:49	0.57	<2	5.5	<1	<1	0.44
GRAB	COQ-603	1323 Glenbrook	2022-02-03 07:23	0.76	<2	4.9	<1	<1	0.37
GRAB	COQ-603	1323 Glenbrook	2022-02-07 07:50	0.69	<2	5.8	<1	<1	0.4
GRAB	COQ-603	1323 Glenbrook	2022-02-14 07:57	0.68	<2	4.8	<1	<1	0.29
GRAB	COQ-603	1323 Glenbrook	2022-02-16 10:03	0.87	<2	7.9	<1	<1	0.36
GRAB	COQ-603	1323 Glenbrook	2022-03-01 08:09	0.7	<2	5.8	<1	<1	0.72
GRAB	COQ-603	1323 Glenbrook	2022-03-04 07:49	0.89	<2	4.9	<1	<1	0.74
GRAB	COQ-603	1323 Glenbrook	2022-03-09 07:50	0.22	<2	5.7	<1	<1	0.37
GRAB	COQ-603	1323 Glenbrook	2022-03-14 07:55	0.69	<2	6	<1	<1	0.31
GRAB	COQ-603	1323 Glenbrook	2022-03-21 07:41	0.71	<2	5.6	<1	<1	0.38
GRAB	COQ-603	1323 Glenbrook	2022-03-25 09:15	0.79	<2	7	<1	<1	0.35
GRAB	COQ-603	1323 Glenbrook	2022-03-28 07:42	0.72	2	6.5	<1	<1	0.34
GRAB	COQ-603	1323 Glenbrook	2022-04-06 09:54	0.86	<2	6.8	<1	<1	0.52
GRAB	COQ-603	1323 Glenbrook	2022-04-12 07:26	0.67	<2	7	<1	<1	0.3
GRAB	COQ-603	1323 Glenbrook	2022-04-19 07:47	0.75	<2	7.2	<1	<1	0.26
GRAB	COQ-603	1323 Glenbrook	2022-04-25 07:44	0.64	2	8.2	<1	<1	0.25
GRAB	COQ-603	1323 Glenbrook	2022-05-03 07:53	0.76	<2	8.1	<1	<1	0.59
GRAB	COQ-603	1323 Glenbrook	2022-05-06 09:08	0.65	2	8.6	<1	<1	0.21
GRAB	COQ-603	1323 Glenbrook	2022-05-09 08:01	0.5	<2	7.9	<1	<1	0.22
GRAB	COQ-603	1323 Glenbrook	2022-05-12 09:06	0.39	<2	9.7	<1	<1	0.23
GRAB	COQ-603	1323 Glenbrook	2022-05-16 07:44	0.49	<2	10	<1	<1	0.2
GRAB	COQ-603	1323 Glenbrook	2022-05-24 08:08	0.76	<2	8.2	<1	<1	0.23
GRAB	COQ-603	1323 Glenbrook	2022-05-30 07:50	0.62	<2	8.8	<1	<1	0.24
GRAB	COQ-603	1323 Glenbrook	2022-06-06 07:36	0.58	<2	9.4	<1	<1	0.24
GRAB	COQ-603	1323 Glenbrook	2022-06-08 12:15	0.57	4	11.1	<1	<1	0.22
GRAB	COQ-603	1323 Glenbrook	2022-06-13 07:21	0.5	<2	10.6	<1	<1	0.19
GRAB	COQ-603	1323 Glenbrook	2022-06-20 07:58	0.51	20	10.4	<1	<1	0.2
GRAB	COQ-603	1323 Glenbrook	2022-06-27 07:22	0.61	2	10.8	<1	<1	0.27
GRAB	COQ-603	1323 Glenbrook	2022-07-07 07:41	0.54	<2	10	<1	<1	0.32
GRAB	COQ-603	1323 Glenbrook	2022-07-08 12:24	0.61	12	12.9	<1	<1	0.24
GRAB	COQ-603	1323 Glenbrook	2022-07-11 07:46	0.41	10	13.1	<1	<1	0.21
GRAB	COQ-603	1323 Glenbrook	2022-07-16 09:29	0.67	2	12	<1	<1	0.2
GRAB	COQ-603	1323 Glenbrook	2022-07-19 08:04	0.35	18	12.8	<1	<1	0.16
GRAB	COQ-603	1323 Glenbrook	2022-07-25 09:48	0.64	18	13.5	<1	<1	0.39
GRAB	COQ-603	1323 Glenbrook	2022-08-02 07:41	0.93	50	14.8	<1	<1	0.27
GRAB	COQ-603	1323 Glenbrook	2022-08-05 09:24	0.63	<2	15.2	<1	<1	0.34
GRAB	COQ-603	1323 Glenbrook	2022-08-08 08:14	0.51	150	14	<1	<1	0.4

GRAB	COQ-603	1323 Glenbrook	2022-08-11 07:28	0.33	12	13.4	<1	<1	0.21
GRAB	COQ-603	1323 Glenbrook	2022-08-15 07:30	0.56	16	13.8	<1	<1	0.25
GRAB	COQ-603	1323 Glenbrook	2022-08-23 07:30	0.68	12	16.3	<1	<1	0.25
GRAB	COQ-603	1323 Glenbrook	2022-09-01 12:10	0.89	14	15	<1	<1	0.25
GRAB	COQ-603	1323 Glenbrook	2022-09-06 07:54	0.48	110	15.8	<1	<1	0.26
GRAB	COQ-603	1323 Glenbrook	2022-09-12 07:41	0.73	18	16.6	<1	<1	0.24
GRAB	COQ-603	1323 Glenbrook	2022-09-22 09:47	0.57	46	15.1	<1	<1	0.24
GRAB	COQ-603	1323 Glenbrook	2022-09-27 09:42	0.68	34	16.1	<1	<1	0.26
GRAB	COQ-603	1323 Glenbrook	2022-09-28 09:55	0.67	40	15.9	<1	<1	0.29
GRAB	COQ-603	1323 Glenbrook	2022-10-03 07:49	0.77	60	15	<1	<1	0.28
GRAB	COQ-603	1323 Glenbrook	2022-10-12 07:42	0.49	30	15	<1	<1	0.32
GRAB	COQ-603	1323 Glenbrook	2022-10-21 07:29	0.54	36	14.8	<1	<1	0.28
GRAB	COQ-603	1323 Glenbrook	2022-10-24 08:13	0.66	84	12.2	<1	<1	0.36
GRAB	COQ-603	1323 Glenbrook	2022-10-28 09:24	0.61	20	13	<1	<1	0.23
GRAB	COQ-603	1323 Glenbrook	2022-10-31 08:20	0.8	26	12	<1	<1	0.46
GRAB	COQ-603	1323 Glenbrook	2022-11-07 07:31	0.53	<2	11	<1	<1	0.35
GRAB	COQ-603	1323 Glenbrook	2022-11-16 08:22	0.69	<2	9	<1	<1	0.29
GRAB	COQ-603	1323 Glenbrook	2022-11-21 10:35	0.46	2	9	<1	<1	0.31
GRAB	COQ-603	1323 Glenbrook	2022-11-25 09:58	0.58	<2	8	<1	<1	0.27
GRAB	COQ-603	1323 Glenbrook	2022-12-15 07:58	0.55	2	6	<1	<1	0.23
GRAB	COQ-603	1323 Glenbrook	2022-12-16 13:00	0.55	10	7	<1	<1	0.17
GRAB	COQ-603	1323 Glenbrook	2022-12-28 11:41	0.41	NA	6	<1	<1	0.71
GRAB	COQ-605	Hoy Creek Reservoir	2022-01-07 08:50	0.67	<2	3.8	<1	<1	2.4
GRAB	COQ-605	Hoy Creek Reservoir	2022-01-11 09:29	0.67	<2	3.9	<1	<1	1.2
GRAB	COQ-605	Hoy Creek Reservoir	2022-01-13 11:31	0.57	6	4.4	<1	<1	1.1
GRAB	COQ-605	Hoy Creek Reservoir	2022-01-21 09:21	0.63	<2	5.5	<1	<1	0.62
GRAB	COQ-605	Hoy Creek Reservoir	2022-01-28 09:14	0.68	<2	4.8	<1	<1	0.34
GRAB	COQ-605	Hoy Creek Reservoir	2022-02-02 09:52	0.55	<2	5	<1	<1	0.37
GRAB	COQ-605	Hoy Creek Reservoir	2022-02-06 13:34	0.56	<2	5.5	<1	<1	0.51
GRAB	COQ-605	Hoy Creek Reservoir	2022-02-09 09:31	0.79	<2	5.8	<1	<1	0.52
GRAB	COQ-605	Hoy Creek Reservoir	2022-02-17 09:19	0.62	<2	5.7	<1	<1	0.35
GRAB	COQ-605	Hoy Creek Reservoir	2022-03-02 09:34	0.75	<2	5	<1	<1	0.86
GRAB	COQ-605	Hoy Creek Reservoir	2022-03-10 08:56	0.87	2	5.4	<1	<1	0.38
GRAB	COQ-605	Hoy Creek Reservoir	2022-03-25 10:21	0.68	<2	6.5	<1	<1	0.47
GRAB	COQ-605	Hoy Creek Reservoir	2022-03-31 09:44	0.45	<2	7	<1	<1	0.3
GRAB	COQ-605	Hoy Creek Reservoir	2022-04-01 10:40	0.71	4	6	<1	<1	0.33
GRAB	COQ-605	Hoy Creek Reservoir	2022-04-27 11:07	0.83	<2	8.1	<1	<1	0.99
GRAB	COQ-605	Hoy Creek Reservoir	2022-05-05 10:15	0.81	<2	7.9	<1	<1	0.28
GRAB	COQ-605	Hoy Creek Reservoir	2022-05-12 09:38	0.47	<2	8.6	<1	<1	0.27
GRAB	COQ-605	Hoy Creek Reservoir	2022-05-18 13:14	0.43	<2	9.1	<1	<1	0.27
GRAB	COQ-605	Hoy Creek Reservoir	2022-05-28 12:05	0.77	<2	8	<1	<1	0.3
GRAB	COQ-605	Hoy Creek Reservoir	2022-06-02 09:08	0.49	<2	11.8	<1	<1	0.28
GRAB	COQ-605	Hoy Creek Reservoir	2022-06-09 09:48	0.42	<2	12	<1	<1	0.3
GRAB	COQ-605	Hoy Creek Reservoir	2022-06-15 09:49	0.32	<2	10.1	<1	<1	0.39
GRAB	COQ-605	Hoy Creek Reservoir	2022-06-21 09:45	0.88	<2	11.7	<1	<1	0.36
GRAB	COQ-605	Hoy Creek Reservoir	2022-06-22 12:26	0.73	72	8.7	<1	<1	0.87
GRAB	COQ-605	Hoy Creek Reservoir	2022-06-29 10:36	0.49	10	10.9	<1	<1	0.56
GRAB	COQ-605	Hoy Creek Reservoir	2022-07-06 09:43	0.59	10	11.6	<1	<1	0.29
GRAB	COQ-605	Hoy Creek Reservoir	2022-07-13 09:35	0.68	<2	13.3	<1	<1	0.27
GRAB	COQ-605	Hoy Creek Reservoir	2022-07-16 12:17	0.53	<2	13.5	<1	<1	0.24
GRAB	COQ-605	Hoy Creek Reservoir	2022-07-19 12:09	0.79	<2	12.1	<1	<1	0.21
GRAB	COQ-605	Hoy Creek Reservoir	2022-07-27 11:33	1.17	<2	14.6	<1	<1	0.28
GRAB	COQ-605	Hoy Creek Reservoir	2022-08-04 09:49	0.52	8	14.6	<1	<1	0.24
GRAB	COQ-605	Hoy Creek Reservoir	2022-08-11 09:45	0.7	16	14.8	<1	<1	0.21
GRAB	COQ-605	Hoy Creek Reservoir	2022-08-17 09:26	0.75	26	14.5	<1	<1	0.24

GRAB	COQ-605	Hoy Creek Reservoir	2022-08-25 08:59	0.41	24	15.8	<1	<1	0.31
GRAB	COQ-605	Hoy Creek Reservoir	2022-08-31 09:01	0.73	10	14.9	<1	<1	0.22
GRAB	COQ-605	Hoy Creek Reservoir	2022-09-09 09:37	0.6	2	17	<1	<1	0.35
GRAB	COQ-605	Hoy Creek Reservoir	2022-09-13 12:18	0.6	<2	17.5	<1	<1	0.39
GRAB	COQ-605	Hoy Creek Reservoir	2022-09-29 09:36	0.6	<2	16.3	<1	<1	0.29
GRAB	COQ-605	Hoy Creek Reservoir	2022-10-06 10:18	0.55	2	16.6	<1	<1	0.51
GRAB	COQ-605	Hoy Creek Reservoir	2022-10-18 10:36	0.86	<2	15	<1	<1	0.57
GRAB	COQ-605	Hoy Creek Reservoir	2022-10-25 09:35	0.68	10	13.7	<1	<1	3.8
GRAB	COQ-605	Hoy Creek Reservoir	2022-11-10 09:37	0.54	<2	9	<1	<1	0.58
GRAB	COQ-605	Hoy Creek Reservoir	2022-11-17 09:33	0.58	<2	9	<1	<1	0.3
GRAB	COQ-605	Hoy Creek Reservoir	2022-12-16 09:40	0.6	<2	7	<1	<1	0.27
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-01-12 13:36	0.91	<2	5.1	<1	<1	0.46
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-01-18 08:30	1.18	4	6	<1	<1	0.44
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-01-18 12:53	0.99	4	5.9	<1	<1	0.35
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-01-19 11:27	0.91	<2	7.1	<1	<1	0.45
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-01-25 09:16	0.71	<2	5.3	<1	<1	0.36
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-01-27 10:20	0.87	<2	5.3	<1	<1	0.41
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-02-02 12:17	0.72	<2	6.6	<1	<1	0.3
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-02-09 12:21	0.87	<2	5.3	<1	<1	0.37
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-02-11 09:20	1.09	<2	5.3	<1	<1	0.31
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-02-15 11:43	0.71	2	6.1	<1	<1	0.3
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-02-25 11:14	0.89	<2	5.6	<1	<1	0.3
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-03-03 10:43	0.81	<2	7.7	<1	<1	0.62
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-03-10 11:34	0.9	<2	6.3	<1	<1	0.35
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-03-18 12:27	0.98	<2	7.7	<1	<1	0.59
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-03-24 10:08	0.66	<2	7.5	<1	<1	0.32
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-03-25 09:35	0.84	<2	6.6	<1	<1	0.4
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-03-28 11:35	1.01	<2	6.4	<1	<1	0.42
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-04-14 10:22	0.94	<2	7.4	<1	<1	0.33
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-04-25 12:56	0.81	<2	7	<1	<1	0.28
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-04-26 09:31	1	<2	7	<1	<1	0.24
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-04-28 11:40	0.78	2	7.8	<1	<1	0.45
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-05-06 11:49	0.73	<2	7.7	<1	<1	0.2
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-05-11 10:59	0.77	<2	7.8	<1	<1	0.24
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-05-12 08:42	0.78	<2	9	<1	<1	0.26
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-05-16 11:57	0.55	<2	8.6	<1	<1	0.43
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-05-19 07:59	0.67	<2	7.3	<1	<1	0.34
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-05-24 11:25	0.83	4	8.2	<1	<1	0.32
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-05-31 11:19	0.8	4	9.9	<1	<1	0.28
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-06-02 09:32	0.9	<2	9.6	<1	<1	0.29
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-06-09 09:44	0.94	46	8.8	<1	1	0.25
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-06-14 11:29	0.77	2	9.7	<1	<1	0.2
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-06-22 11:58	0.86	<2	8.7	<1	<1	0.22
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-06-26 11:01	1.05	2	8.9	<1	<1	0.4
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-06-28 11:09	0.95	<2	9	<1	<1	0.22
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-07-21 10:25	0.74	6	12	<1	<1	0.34
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-07-24 11:49	0.92	6	12.1	<1	<1	0.24
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-08-04 12:04	0.35	14	15.6	<1	<1	0.19
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-08-08 11:30	0.59	2	13.9	<1	<1	0.2
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-08-11 11:18	0.7	14	14.6	<1	<1	0.2
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-08-14 12:03	0.94	<2	13.9	<1	<1	0.2
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-08-18 13:42	0.84	<2	14.2	<1	<1	0.22
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-08-21 12:10	0.86	2	14.8	<1	<1	0.22
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-08-28 12:00	0.73	4	15.2	<1	<1	0.22
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-09-08 11:18	0.88	<2	15.3	<1	<1	0.3

GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-09-12 11:30	0.78	<2	15.3	<1	<1	0.23
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-09-16 13:30	0.77	14	16.5	<1	<1	0.3
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-09-21 11:55	1.17	<2	15.2	<1	<1	0.22
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-09-22 09:08	0.89	10	15.4	<1	<1	0.25
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-09-28 09:02	0.78	16	15.9	<1	<1	0.29
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-10-02 09:20	0.87	76	15.5	<1	<1	0.23
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-10-09 10:04	1.11	14	15.5	<1	<1	0.23
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-10-19 09:56	0.95	<2	15	<1	<1	0.25
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-10-23 10:32	0.57	12	14.5	<1	<1	0.29
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-10-26 10:42	0.74	<2	14	<1	<1	0.41
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-10-27 12:39	0.79	2	13	<1	<1	0.37
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-11-10 10:45	0.43	<2	11	<1	<1	0.33
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-11-13 11:55	0.44	<2	11	<1	<1	0.27
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-11-20 10:20	0.91	<2	8	<1	<1	0.33
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-11-23 11:08	0.94	4	8	<1	<1	0.32
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-11-25 12:47	0.81	4	9	<1	<1	0.27
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-11-29 07:37	0.55	<2	8	<1	<1	0.31
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-11-30 11:25	0.81	<2	7	<1	<1	0.3
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-12-07 11:29	0.82	<2	6	<1	<1	0.22
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-12-14 11:22	0.84	<2	6	<1	<1	0.24
GRAB	COQ-606	998 Irvine (Irvine & Reese)	2022-12-30 09:16	0.69	NA	6	<1	<1	0.56
GRAB	COQ-607	Noons Creek Reservoir	2022-01-07 06:56	0.59	6	4.1	<1	<1	0.54
GRAB	COQ-607	Noons Creek Reservoir	2022-01-11 07:21	0.99	<2	4.9	<1	<1	0.7
GRAB	COQ-607	Noons Creek Reservoir	2022-01-14 07:46	0.59	<2	5.9	<1	<1	1.6
GRAB	COQ-607	Noons Creek Reservoir	2022-01-19 11:54	0.71	<2	7.3	<1	<1	0.48
GRAB	COQ-607	Noons Creek Reservoir	2022-01-20 08:06	0.51	4	5.5	<1	<1	0.46
GRAB	COQ-607	Noons Creek Reservoir	2022-01-21 07:44	0.49	6	5.2	<1	<1	0.55
GRAB	COQ-607	Noons Creek Reservoir	2022-01-28 07:49	0.41	22	5.2	<1	<1	0.38
GRAB	COQ-607	Noons Creek Reservoir	2022-02-02 07:54	0.87	18	5.3	<1	<1	0.4
GRAB	COQ-607	Noons Creek Reservoir	2022-02-06 12:01	0.51	<2	5.3	<1	<1	0.37
GRAB	COQ-607	Noons Creek Reservoir	2022-02-09 07:44	0.72	<2	5	<1	<1	0.39
GRAB	COQ-607	Noons Creek Reservoir	2022-02-17 07:44	0.85	<2	5.5	<1	<1	0.44
GRAB	COQ-607	Noons Creek Reservoir	2022-03-02 07:56	0.85	<2	4.9	<1	<1	0.64
GRAB	COQ-607	Noons Creek Reservoir	2022-03-10 07:10	0.79	<2	5	<1	<1	0.44
GRAB	COQ-607	Noons Creek Reservoir	2022-03-20 12:42	0.58	<2	6.1	<1	<1	0.47
GRAB	COQ-607	Noons Creek Reservoir	2022-03-25 08:09	0.6	<2	6	<1	<1	0.37
GRAB	COQ-607	Noons Creek Reservoir	2022-03-31 07:49	0.67	<2	6.6	<1	<1	0.33
GRAB	COQ-607	Noons Creek Reservoir	2022-04-01 08:22	0.9	2	6.3	<1	<1	0.37
GRAB	COQ-607	Noons Creek Reservoir	2022-04-06 12:53	0.5	<2	6.7	<1	<1	0.31
GRAB	COQ-607	Noons Creek Reservoir	2022-04-14 12:05	0.87	<2	6.8	<1	<1	0.27
GRAB	COQ-607	Noons Creek Reservoir	2022-04-26 11:59	0.42	76	8.1	<1	<1	0.35
GRAB	COQ-607	Noons Creek Reservoir	2022-04-27 09:10	0.74	<2	6.7	<1	<1	0.27
GRAB	COQ-607	Noons Creek Reservoir	2022-05-05 09:27	0.78	44	7.7	<1	<1	0.38
GRAB	COQ-607	Noons Creek Reservoir	2022-05-06 13:00	0.22	2	8.1	<1	<1	0.28
GRAB	COQ-607	Noons Creek Reservoir	2022-05-09 12:10	0.25	150	8.8	<1	<1	0.26
GRAB	COQ-607	Noons Creek Reservoir	2022-05-12 08:05	0.38	54	7.8	<1	<1	0.32
GRAB	COQ-607	Noons Creek Reservoir	2022-05-18 11:23	0.3	<2	8	<1	<1	0.34
GRAB	COQ-607	Noons Creek Reservoir	2022-05-28 10:25	0.87	8	8	<1	<1	0.26
GRAB	COQ-607	Noons Creek Reservoir	2022-06-02 07:35	0.88	310	9.2	<1	<1	0.37
GRAB	COQ-607	Noons Creek Reservoir	2022-06-06 12:55	0.43	16	9.9	<1	<1	0.29
GRAB	COQ-607	Noons Creek Reservoir	2022-06-09 08:04	0.97	30	9.5	<1	<1	0.25
GRAB	COQ-607	Noons Creek Reservoir	2022-06-15 07:41	0.62	12	9.3	<1	<1	0.31
GRAB	COQ-607	Noons Creek Reservoir	2022-06-21 07:39	1.06	90	9.6	<1	<1	0.28
GRAB	COQ-607	Noons Creek Reservoir	2022-06-22 13:00	0.44	48	10.1	<1	<1	0.26
GRAB	COQ-607	Noons Creek Reservoir	2022-06-29 08:53	0.5	110	10	<1	<1	0.23

GRAB	COQ-607	Noons Creek Reservoir	2022-07-06 07:56	0.61	36	10.5	<1	<1	0.22
GRAB	COQ-607	Noons Creek Reservoir	2022-07-08 12:43	1.07	30	11.7	<1	<1	0.28
GRAB	COQ-607	Noons Creek Reservoir	2022-07-13 07:49	0.69	150	11	<1	<1	0.27
GRAB	COQ-607	Noons Creek Reservoir	2022-07-16 11:31	1.31	22	12.1	<1	<1	0.27
GRAB	COQ-607	Noons Creek Reservoir	2022-07-19 10:00	0.94	130	11.3	<1	<1	0.25
GRAB	COQ-607	Noons Creek Reservoir	2022-07-27 09:10	1.17	200	12.8	<1	<1	0.69
GRAB	COQ-607	Noons Creek Reservoir	2022-08-04 08:00	0.73	36	12.9	<1	<1	0.24
GRAB	COQ-607	Noons Creek Reservoir	2022-08-11 08:00	0.42	42	13.1	<1	<1	0.21
GRAB	COQ-607	Noons Creek Reservoir	2022-08-16 10:56	0.63	30	14.3	<1	<1	0.22
GRAB	COQ-607	Noons Creek Reservoir	2022-08-25 07:31	0.51	44	14.4	<1	<1	0.25
GRAB	COQ-607	Noons Creek Reservoir	2022-08-31 07:16	0.64	64	14.9	<1	<1	0.22
GRAB	COQ-607	Noons Creek Reservoir	2022-09-09 07:52	0.76	52	15	<1	<1	0.26
GRAB	COQ-607	Noons Creek Reservoir	2022-09-13 13:52	0.56	72	15.3	<1	<1	0.28
GRAB	COQ-607	Noons Creek Reservoir	2022-09-27 11:16	0.63	<2	15.7	<1	<1	0.31
GRAB	COQ-607	Noons Creek Reservoir	2022-09-28 08:20	0.67	16	15.9	<1	<1	0.26
GRAB	COQ-607	Noons Creek Reservoir	2022-09-29 08:05	0.66	50	15.5	<1	<1	0.23
GRAB	COQ-607	Noons Creek Reservoir	2022-10-06 08:04	0.72	14	15.7	<1	<1	0.34
GRAB	COQ-607	Noons Creek Reservoir	2022-10-18 09:16	0.55	72	15.2	<1	<1	0.4
GRAB	COQ-607	Noons Creek Reservoir	2022-10-25 06:46	1.47	34	13.8	<1	<1	1.5
GRAB	COQ-607	Noons Creek Reservoir	2022-11-02 08:47	0.79	150	11	<1	<1	0.54
GRAB	COQ-607	Noons Creek Reservoir	2022-11-10 08:08	0.96	44	10	<1	<1	0.37
GRAB	COQ-607	Noons Creek Reservoir	2022-11-17 07:38	0.5	4	9	<1	<1	0.32
GRAB	COQ-607	Noons Creek Reservoir	2022-11-25 12:35	0.78	<2	9	<1	<1	0.25
GRAB	COQ-607	Noons Creek Reservoir	2022-12-10 08:11	0.93	<2	6	<1	<1	0.22
GRAB	COQ-607	Noons Creek Reservoir	2022-12-16 08:36	0.64	<2	7	<1	<1	0.25
GRAB	COQ-607	Noons Creek Reservoir	2022-12-28 13:00	0.66	NA	6	<1	<1	0.95
GRAB	COQ-608	Eagle Mountain Reservoir	2022-01-07 07:38	0.47	2	4.3	<1	<1	0.49
GRAB	COQ-608	Eagle Mountain Reservoir	2022-01-11 07:39	0.51	<2	4.3	<1	<1	0.68
GRAB	COQ-608	Eagle Mountain Reservoir	2022-01-14 08:06	0.44	<2	4.7	<1	<1	0.93
GRAB	COQ-608	Eagle Mountain Reservoir	2022-01-21 08:08	0.32	<2	4.9	<1	<1	0.55
GRAB	COQ-608	Eagle Mountain Reservoir	2022-01-28 08:05	0.15	<2	4.9	<1	<1	0.4
GRAB	COQ-608	Eagle Mountain Reservoir	2022-02-06 12:18	0.31	<2	4.9	<1	<1	0.34
GRAB	COQ-608	Eagle Mountain Reservoir	2022-02-09 08:00	0.39	<2	5	<1	<1	0.38
GRAB	COQ-608	Eagle Mountain Reservoir	2022-02-17 08:03	0.54	<2	5.3	<1	<1	0.33
GRAB	COQ-608	Eagle Mountain Reservoir	2022-03-02 08:20	0.48	<2	4.7	<1	<1	0.42
GRAB	COQ-608	Eagle Mountain Reservoir	2022-03-10 07:15	0.59	<2	5.1	<1	<1	0.45
GRAB	COQ-608	Eagle Mountain Reservoir	2022-03-20 13:02	0.4	2	5.9	<1	<1	0.43
GRAB	COQ-608	Eagle Mountain Reservoir	2022-03-25 08:31	0.43	<2	5.9	<1	<1	0.43
GRAB	COQ-608	Eagle Mountain Reservoir	2022-03-31 08:13	0.25	<2	6.5	<1	<1	0.42
GRAB	COQ-608	Eagle Mountain Reservoir	2022-04-01 08:38	0.87	<2	6.4	<1	<1	0.36
GRAB	COQ-608	Eagle Mountain Reservoir	2022-04-06 13:11	0.29	<2	6.7	<1	<1	0.34
GRAB	COQ-608	Eagle Mountain Reservoir	2022-04-27 09:26	0.31	<2	8.1	<1	<1	0.27
GRAB	COQ-608	Eagle Mountain Reservoir	2022-05-05 09:05	0.26	<2	7.7	<1	<1	0.34
GRAB	COQ-608	Eagle Mountain Reservoir	2022-05-12 08:21	0.32	2	7.8	<1	<1	0.29
GRAB	COQ-608	Eagle Mountain Reservoir	2022-05-18 11:44	0.08	4	8.2	<1	<1	0.31
GRAB	COQ-608	Eagle Mountain Reservoir	2022-05-28 10:47	0.6	2	9	<1	<1	0.25
GRAB	COQ-608	Eagle Mountain Reservoir	2022-06-02 07:50	0.95	<2	9.3	<1	<1	0.31
GRAB	COQ-608	Eagle Mountain Reservoir	2022-06-09 08:24	0.79	10	9.9	<1	<1	0.31
GRAB	COQ-608	Eagle Mountain Reservoir	2022-06-15 08:07	0.42	<2	9.6	<1	<1	0.27
GRAB	COQ-608	Eagle Mountain Reservoir	2022-06-21 08:03	0.8	<2	10	<1	<1	0.25
GRAB	COQ-608	Eagle Mountain Reservoir	2022-06-29 09:13	0.34	10	10.5	<1	<1	0.21
GRAB	COQ-608	Eagle Mountain Reservoir	2022-07-06 08:18	0.49	8	10.1	<1	<1	0.25
GRAB	COQ-608	Eagle Mountain Reservoir	2022-07-13 08:06	0.79	20	11.3	<1	<1	0.25
GRAB	COQ-608	Eagle Mountain Reservoir	2022-07-16 10:42	1.25	34	12	<1	<1	0.22
GRAB	COQ-608	Eagle Mountain Reservoir	2022-07-19 10:28	0.26	14	12	<1	<1	0.2

GRAB	COQ-608	Eagle Mountain Reservoir	2022-07-27 09:45	1.22	18	12.4	<1	<1	0.6
GRAB	COQ-608	Eagle Mountain Reservoir	2022-08-04 08:16	0.81	30	13.5	<1	<1	0.22
GRAB	COQ-608	Eagle Mountain Reservoir	2022-08-11 08:22	0.28	28	13.6	<1	<1	0.18
GRAB	COQ-608	Eagle Mountain Reservoir	2022-08-16 11:23	0.51	6	14	<1	<1	0.19
GRAB	COQ-608	Eagle Mountain Reservoir	2022-08-25 07:47	0.14	8	14.7	<1	<1	0.21
GRAB	COQ-608	Eagle Mountain Reservoir	2022-08-31 07:29	0.44	48	14.9	<1	<1	0.2
GRAB	COQ-608	Eagle Mountain Reservoir	2022-09-09 08:09	0.38	2	14.9	<1	<1	0.25
GRAB	COQ-608	Eagle Mountain Reservoir	2022-09-13 13:35	0.06	28	16.2	<1	<1	0.27
GRAB	COQ-608	Eagle Mountain Reservoir	2022-09-28 08:58	0.55	6	15.4	<1	<1	0.28
GRAB	COQ-608	Eagle Mountain Reservoir	2022-09-29 08:22	0.39	8	15.5	<1	<1	0.24
GRAB	COQ-608	Eagle Mountain Reservoir	2022-10-06 08:25	0.72	6	15.4	<1	<1	0.25
GRAB	COQ-608	Eagle Mountain Reservoir	2022-10-18 09:36	0.87	6	15	<1	<1	0.28
GRAB	COQ-608	Eagle Mountain Reservoir	2022-10-25 07:31	0.75	14	14	<1	<1	0.27
GRAB	COQ-608	Eagle Mountain Reservoir	2022-11-02 09:31	0.27	2	12	<1	<1	0.53
GRAB	COQ-608	Eagle Mountain Reservoir	2022-11-17 07:57	0.44	4	9	<1	<1	0.27
GRAB	COQ-608	Eagle Mountain Reservoir	2022-11-25 12:11	0.4	<2	8	<1	<1	0.33
GRAB	COQ-608	Eagle Mountain Reservoir	2022-12-10 08:30	0.63	<2	6	<1	<1	0.24
GRAB	COQ-610	550 Thompson	2022-01-05 08:11	0.35	<2	5.1	<1	<1	0.26
GRAB	COQ-610	550 Thompson	2022-01-12 08:24	0.59	<2	4.4	<1	<1	0.36
GRAB	COQ-610	550 Thompson	2022-01-14 12:41	0.6	<2	5.7	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-01-18 09:58	0.65	2	4.9	<1	<1	0.2
GRAB	COQ-610	550 Thompson	2022-01-19 13:53	0.48	<2	8.5	<1	<1	0.15
GRAB	COQ-610	550 Thompson	2022-01-25 13:26	0.61	<2	5.3	<1	<1	0.31
GRAB	COQ-610	550 Thompson	2022-01-27 07:12	0.63	<2	5.3	<1	<1	0.11
GRAB	COQ-610	550 Thompson	2022-02-02 08:04	0.53	<2	5.3	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-02-05 11:13	0.69	<2	6.9	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-02-09 07:08	0.6	<2	5.3	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-02-11 06:28	0.77	2	4.5	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-02-15 07:55	0.48	<2	5.3	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-03-03 13:54	0.68	<2	8.1	<1	<1	0.15
GRAB	COQ-610	550 Thompson	2022-03-10 07:55	0.45	<2	6	<1	<1	0.22
GRAB	COQ-610	550 Thompson	2022-03-11 12:57	0.59	<2	6.1	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-03-16 10:59	0.5	<2	7.4	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-03-24 11:05	0.66	<2	7.8	<1	<1	0.12
GRAB	COQ-610	550 Thompson	2022-03-25 11:52	0.67	<2	7.7	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-03-28 07:56	0.53	<2	6.6	<1	<1	0.21
GRAB	COQ-610	550 Thompson	2022-04-08 13:01	0.82	<2	7.3	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-04-14 13:03	0.52	<2	7	<1	<1	0.11
GRAB	COQ-610	550 Thompson	2022-04-20 13:20	0.57	2	8.1	<1	<1	0.1
GRAB	COQ-610	550 Thompson	2022-04-26 14:00	0.6	<2	8.1	<1	<1	0.11
GRAB	COQ-610	550 Thompson	2022-04-28 08:08	0.56	<2	8.1	<1	<1	0.09
GRAB	COQ-610	550 Thompson	2022-04-30 12:37	0.67	<2	8.4	<1	<1	0.07
GRAB	COQ-610	550 Thompson	2022-05-06 08:20	0.43	<2	9	<1	<1	0.09
GRAB	COQ-610	550 Thompson	2022-05-09 13:59	0.56	<2	8.3	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-05-11 07:34	0.56	<2	9	<1	<1	0.11
GRAB	COQ-610	550 Thompson	2022-05-12 13:39	0.63	2	9.7	<1	<1	0.1
GRAB	COQ-610	550 Thompson	2022-05-13 13:50	0.51	<2	9.8	<1	<1	0.08
GRAB	COQ-610	550 Thompson	2022-05-16 08:19	0.54	<2	9.4	<1	<1	0.2
GRAB	COQ-610	550 Thompson	2022-05-19 13:05	0.62	<2	9.3	<1	<1	0.09
GRAB	COQ-610	550 Thompson	2022-05-24 07:44	0.6	<2	9.6	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-05-31 13:26	0.49	<2	10.8	<1	<1	0.11
GRAB	COQ-610	550 Thompson	2022-06-02 06:50	0.54	<2	10.6	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-06-02 12:27	0.54	<2	10.4	<1	<1	0.1
GRAB	COQ-610	550 Thompson	2022-06-09 12:00	0.53	<2	11	<1	<1	0.17
GRAB	COQ-610	550 Thompson	2022-06-12 07:31	0.54	<2	11.4	<1	<1	0.09

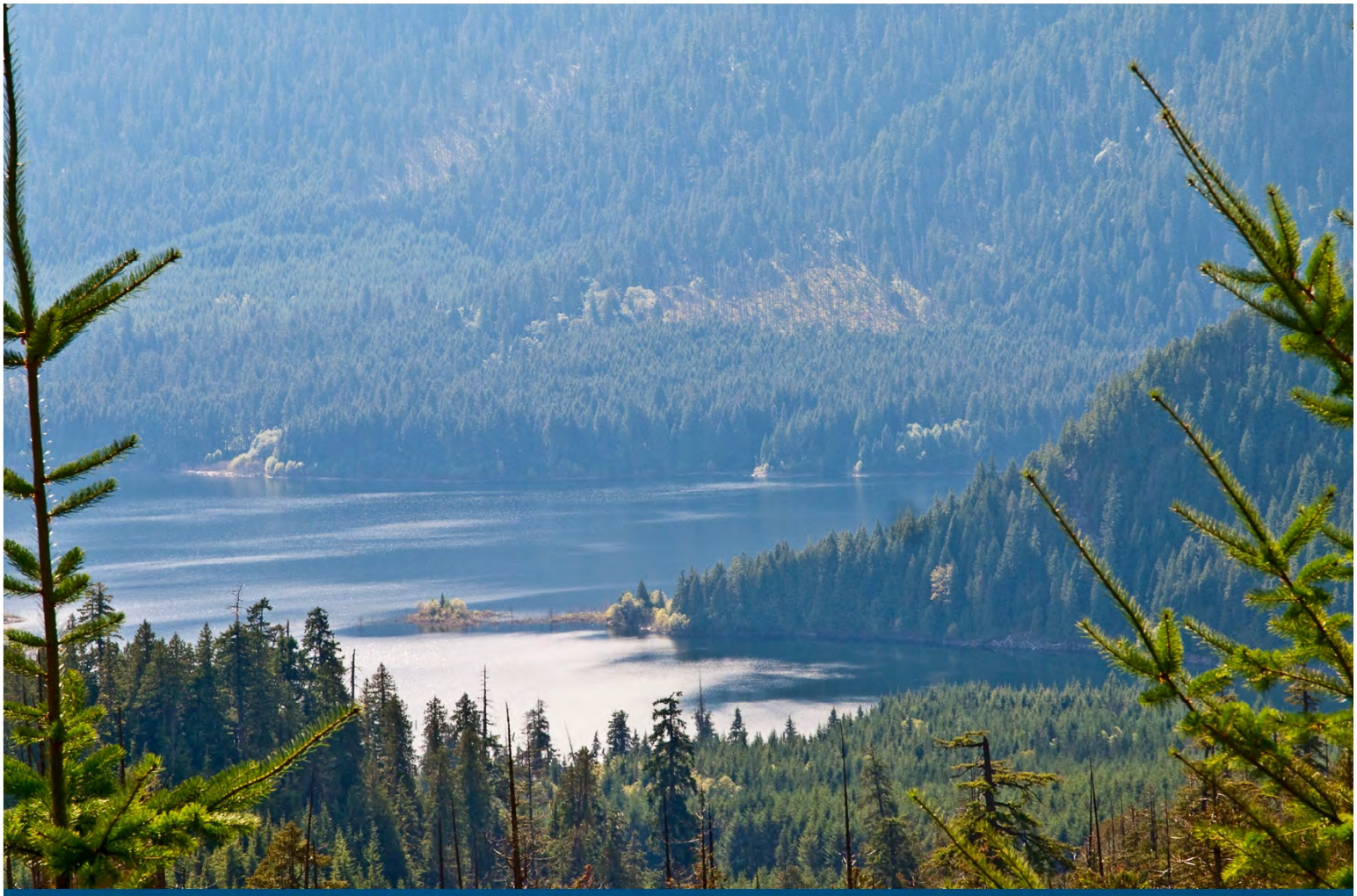
GRAB	COQ-610	550 Thompson	2022-06-13 13:08	0.53	<2	11.1	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-06-17 12:59	0.57	<2	11.4	<1	<1	0.24
GRAB	COQ-610	550 Thompson	2022-06-20 08:01	0.57	<2	11.6	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-06-26 07:26	0.59	<2	12	<1	<1	0.11
GRAB	COQ-610	550 Thompson	2022-06-28 07:19	0.58	<2	12	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-06-29 13:27	0.34	<2	11.9	<1	<1	0.12
GRAB	COQ-610	550 Thompson	2022-07-03 06:57	0.51	2	12.9	<1	<1	0.09
GRAB	COQ-610	550 Thompson	2022-07-08 12:34	0.48	<2	13.1	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-07-10 07:02	0.53	2	13.2	<1	<1	0.1
GRAB	COQ-610	550 Thompson	2022-07-13 12:07	0.47	<2	13.2	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-07-17 07:08	0.55	<2	14	<1	<1	0.1
GRAB	COQ-610	550 Thompson	2022-07-21 10:43	0.54	8	14	<1	<1	0.22
GRAB	COQ-610	550 Thompson	2022-07-24 07:07	0.43	4	14.2	<1	<1	0.24
GRAB	COQ-610	550 Thompson	2022-08-04 07:19	0.35	4	15.4	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-08-08 08:13	0.38	4	15.5	<1	<1	0.25
GRAB	COQ-610	550 Thompson	2022-08-13 06:36	0.27	4	16	<1	<1	0.18
GRAB	COQ-610	550 Thompson	2022-08-14 07:16	0.29	<2	16	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-08-18 07:23	0.38	<2	16.2	<1	<1	0.12
GRAB	COQ-610	550 Thompson	2022-08-21 07:16	0.46	<2	16	<1	<1	0.15
GRAB	COQ-610	550 Thompson	2022-08-28 07:13	0.51	<2	16.6	<1	<1	0.1
GRAB	COQ-610	550 Thompson	2022-09-08 12:29	0.42	<2	16.8	<1	<1	0.1
GRAB	COQ-610	550 Thompson	2022-09-14 12:09	0.36	4	18.2	<1	<1	0.12
GRAB	COQ-610	550 Thompson	2022-09-21 08:12	0.4	4	16.5	<1	<1	0.24
GRAB	COQ-610	550 Thompson	2022-09-23 12:45	0.17	4	16	<1	<1	0.25
GRAB	COQ-610	550 Thompson	2022-09-27 11:19	0.25	<2	16.2	<1	<1	0.39
GRAB	COQ-610	550 Thompson	2022-09-28 13:55	0.25	6	16.3	<1	<1	0.33
GRAB	COQ-610	550 Thompson	2022-10-02 07:22	0.54	<2	16.6	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-10-04 11:55	0.29	<2	16.8	<1	<1	0.21
GRAB	COQ-610	550 Thompson	2022-10-09 07:41	0.55	<2	16.2	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-10-19 07:17	0.71	4	16.2	<1	<1	0.15
GRAB	COQ-610	550 Thompson	2022-10-23 07:49	0.45	10	15.8	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-10-26 07:03	0.13	<2	15	<1	<1	0.24
GRAB	COQ-610	550 Thompson	2022-10-28 11:58	0.21	<2	15	<1	<1	0.2
GRAB	COQ-610	550 Thompson	2022-10-31 08:52	0.26	<2	14	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-11-03 12:29	0.33	2	12	<1	<1	0.12
GRAB	COQ-610	550 Thompson	2022-11-13 07:14	0.45	<2	10	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-11-18 12:17	0.45	<2	10	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-11-20 07:50	0.41	<2	10	<1	<1	0.12
GRAB	COQ-610	550 Thompson	2022-11-21 13:47	0.55	<2	10	<1	<1	0.14
GRAB	COQ-610	550 Thompson	2022-11-23 07:10	0.42	<2	9	<1	<1	0.16
GRAB	COQ-610	550 Thompson	2022-11-30 07:45	0.34	<2	9	<1	<1	0.2
GRAB	COQ-610	550 Thompson	2022-12-05 13:03	0.56	2	8	<1	<1	0.12
GRAB	COQ-610	550 Thompson	2022-12-07 07:59	0.32	<2	8	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-12-14 07:49	0.31	<2	7	<1	<1	0.13
GRAB	COQ-610	550 Thompson	2022-12-16 12:27	0.53	<2	7	<1	<1	0.15
GRAB	COQ-610	550 Thompson	2022-12-28 14:02	0.66	NA	7	<1	<1	0.14
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-01-06 12:30	0.81	<2	5.1	<1	<1	0.44
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-01-10 11:51	0.83	<2	4.8	<1	<1	2.3
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-01-14 10:32	0.58	<2	6.8	<1	<1	0.89
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-01-21 08:41	0.44	2	7	<1	<1	0.34
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-01-27 13:08	0.51	<2	6	<1	<1	0.34
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-01-28 08:14	0.66	<2	5.8	<1	<1	0.34
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-02-03 08:02	0.73	<2	6.1	<1	<1	0.28
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-02-08 08:52	0.67	<2	5.3	<1	<1	0.45
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-02-10 12:42	0.43	<2	5.8	<1	<1	0.47

GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-02-15 09:00	0.6	<2	6.6	<1	<1	0.3
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-02-16 08:14	0.86	8	7.3	<1	<1	0.29
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-02-24 12:04	0.57	4	5.5	<1	<1	0.4
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-03-02 10:42	0.61	4	5.8	<1	<1	0.7
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-03-10 09:52	0.49	12	5.3	<1	<1	0.44
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-03-16 07:36	0.53	2	6	<1	<1	0.51
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-03-24 10:34	0.72	<2	6.3	<1	<1	0.47
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-03-30 12:28	0.51	<2	6.8	<1	<1	0.34
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-03-31 11:06	0.71	<2	6.8	<1	<1	0.33
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-04-08 08:49	0.59	<2	7	<1	<1	0.33
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-04-14 07:45	0.67	<2	7.5	<1	<1	0.25
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-04-20 08:21	0.46	54	5.7	<1	<1	0.3
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-04-26 08:35	0.6	6	8.4	<1	<1	0.24
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-05-02 12:23	0.41	<2	8.2	<1	<1	0.31
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-05-11 08:29	0.45	40	8.4	<1	<1	0.26
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-05-18 08:39	0.42	20	8.9	<1	<1	0.27
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-05-19 09:05	0.37	<2	8.6	<1	<1	0.25
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-05-27 09:28	0.6	30	10	<1	<1	0.38
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-05-31 10:13	0.44	8	10	<1	<1	0.26
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-06-02 10:54	0.71	<2	9.1	<1	<1	0.34
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-06-04 08:10	0.48	2	10.5	<1	<1	0.21
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-06-08 12:24	0.4	<2	10	<1	<1	0.23
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-06-10 09:25	0.64	<2	10.7	<1	<1	0.22
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-06-13 08:20	0.39	<2	12.5	<1	<1	0.23
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-06-18 07:44	0.68	2	10.5	<1	<1	0.29
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-06-23 07:44	0.47	<2	10.4	<1	<1	0.22
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-07-02 10:53	0.63	<2	10.6	<1	<1	0.28
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-07-05 08:30	0.49	10	13.9	<1	<1	0.3
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-07-13 12:41	0.7	<2	11	<1	<1	0.34
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-07-20 13:21	0.86	42	12	<1	<1	0.24
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-07-25 08:35	0.68	<2	12.4	<1	<1	0.24
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-07-29 12:09	0.73	<2	13.2	<1	<1	0.24
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-08-03 08:20	0.53	<2	14.4	<1	<1	0.22
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-08-09 08:36	0.55	32	14.4	<1	<1	0.22
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-08-10 08:58	0.45	<2	13.9	<1	<1	0.22
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-08-13 07:20	0.29	4	14.8	<1	<1	0.19
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-08-17 12:12	0.5	4	14	<1	<1	0.26
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-08-24 12:00	0.48	4	14.8	<1	<1	0.27
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-08-30 07:56	0.67	2	14.6	<1	<1	0.27
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-09-08 08:41	0.55	62	14.5	<1	<1	0.22
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-09-14 08:37	0.38	2	16.4	<1	<1	0.23
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-09-22 08:15	0.46	<2	15.3	<1	<1	0.32
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-09-27 08:14	0.46	6	15.4	<1	<1	0.37
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-09-28 08:15	0.23	20	16.2	<1	<1	0.35
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-10-04 08:03	0.4	2	16	<1	<1	0.3
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-10-11 08:30	0.42	40	14.4	<1	<1	0.45
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-10-22 10:33	0.61	<2	16	<1	<1	0.37
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-10-28 08:21	0.61	<2	13	<1	<1	0.51
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-10-28 12:18	0.6	<2	12	<1	<1	0.3
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-11-01 09:49	0.53	60	13	<1	<1	0.52
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-11-07 08:34	0.35	<2	11	<1	<1	0.38
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-11-14 12:20	0.25	<2	10	<1	<1	0.29
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-11-15 13:45	0.55	<2	10	<1	<1	0.31
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-12-09 09:07	0.19	14	8	<1	<1	0.29
GRAB	COQ-611	Leeders St. & Rogers Ave.	2022-12-14 07:50	0.44	<2	7	<1	<1	0.19

GRAB	COQ-612	1762 Hampton Drive	2022-01-07 07:51	0.19	<2	5	<1	<1	0.42
GRAB	COQ-612	1762 Hampton Drive	2022-01-11 08:21	0.14	<2	5	<1	<1	0.72
GRAB	COQ-612	1762 Hampton Drive	2022-01-13 12:01	0.26	<2	4.7	<1	<1	0.58
GRAB	COQ-612	1762 Hampton Drive	2022-01-21 08:27	0.13	<2	5	<1	<1	0.5
GRAB	COQ-612	1762 Hampton Drive	2022-01-28 08:32	0.08	<2	5.8	<1	<1	0.35
GRAB	COQ-612	1762 Hampton Drive	2022-02-02 13:10	0.32	2	5.8	<1	<1	0.32
GRAB	COQ-612	1762 Hampton Drive	2022-02-06 12:50	0.11	2	5.7	<1	<1	0.3
GRAB	COQ-612	1762 Hampton Drive	2022-02-09 08:37	0.17	<2	5.8	<1	<1	0.33
GRAB	COQ-612	1762 Hampton Drive	2022-02-17 08:34	0.15	<2	6.2	<1	<1	0.33
GRAB	COQ-612	1762 Hampton Drive	2022-03-02 08:50	0.13	<2	5.5	<1	<1	0.34
GRAB	COQ-612	1762 Hampton Drive	2022-03-10 07:35	0.34	<2	5.3	<1	<1	0.41
GRAB	COQ-612	1762 Hampton Drive	2022-03-20 13:30	0.21	4	6.5	<1	<1	0.38
GRAB	COQ-612	1762 Hampton Drive	2022-03-25 09:48	0.12	2	6.8	<1	<1	0.43
GRAB	COQ-612	1762 Hampton Drive	2022-03-31 08:44	0.08	2	7.2	<1	<1	0.35
GRAB	COQ-612	1762 Hampton Drive	2022-04-01 09:04	0.21	<2	7.4	<1	<1	0.29
GRAB	COQ-612	1762 Hampton Drive	2022-04-06 13:38	0.08	<2	7.8	<1	<1	0.32
GRAB	COQ-612	1762 Hampton Drive	2022-04-27 10:07	0.14	<2	8.4	<1	<1	0.25
GRAB	COQ-612	1762 Hampton Drive	2022-05-05 08:43	0.11	12	9.2	<1	<1	0.54
GRAB	COQ-612	1762 Hampton Drive	2022-05-12 08:51	0.08	2	9.5	<1	<1	0.25
GRAB	COQ-612	1762 Hampton Drive	2022-05-18 12:18	0.06	12	9.7	<1	<1	0.25
GRAB	COQ-612	1762 Hampton Drive	2022-05-28 11:18	0.16	6	10	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-06-02 08:19	0.2	<2	11.3	<1	<1	0.25
GRAB	COQ-612	1762 Hampton Drive	2022-06-08 12:50	0.24	<2	12.2	<1	<1	0.23
GRAB	COQ-612	1762 Hampton Drive	2022-06-09 08:58	0.23	<2	12.3	<1	<1	0.35
GRAB	COQ-612	1762 Hampton Drive	2022-06-15 08:42	0.08	8	13.6	<1	<1	0.26
GRAB	COQ-612	1762 Hampton Drive	2022-06-21 08:40	0.15	4	13.6	<1	<1	0.25
GRAB	COQ-612	1762 Hampton Drive	2022-06-29 09:48	0.09	4	13.5	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-07-06 08:47	0.07	4	14.2	<1	<1	0.19
GRAB	COQ-612	1762 Hampton Drive	2022-07-13 08:43	0.21	<2	14.2	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-07-16 10:18	0.53	<2	14.7	<1	<1	0.25
GRAB	COQ-612	1762 Hampton Drive	2022-07-19 11:04	0.41	<2	16	<1	<1	0.18
GRAB	COQ-612	1762 Hampton Drive	2022-07-27 10:23	0.54	<2	16.4	<1	<1	0.33
GRAB	COQ-612	1762 Hampton Drive	2022-08-04 08:57	0.25	12	17.6	<1	<1	0.3
GRAB	COQ-612	1762 Hampton Drive	2022-08-11 08:55	0.34	52	15.1	<1	<1	7.6
GRAB	COQ-612	1762 Hampton Drive	2022-08-12 08:08	0.14	8	18.2	<1	<1	0.18
GRAB	COQ-612	1762 Hampton Drive	2022-08-16 12:00	0.19	<2	16.7	<1	<1	0.2
GRAB	COQ-612	1762 Hampton Drive	2022-08-25 08:14	0.05	22	17.7	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-08-31 08:06	0.16	<2	17.1	<1	<1	0.18
GRAB	COQ-612	1762 Hampton Drive	2022-09-09 08:49	0.09	2	18.4	<1	<1	0.19
GRAB	COQ-612	1762 Hampton Drive	2022-09-13 13:12	0.05	8	18.4	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-09-29 08:49	0.08	24	17.4	<1	<1	0.19
GRAB	COQ-612	1762 Hampton Drive	2022-10-06 08:44	0.45	4	16.2	<1	<1	0.18
GRAB	COQ-612	1762 Hampton Drive	2022-10-18 09:58	0.5	<2	17.1	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-10-25 08:07	0.17	6	14.7	<1	<1	0.24
GRAB	COQ-612	1762 Hampton Drive	2022-11-02 10:08	0.17	<2	13	<1	<1	0.41
GRAB	COQ-612	1762 Hampton Drive	2022-11-10 08:50	0.12	4	12	<1	<1	0.31
GRAB	COQ-612	1762 Hampton Drive	2022-11-17 08:36	0.15	<2	11	<1	<1	0.24
GRAB	COQ-612	1762 Hampton Drive	2022-11-25 11:41	0.16	2	10	<1	<1	0.26
GRAB	COQ-612	1762 Hampton Drive	2022-12-10 08:58	0.18	12	8	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-12-16 09:04	0.16	<2	8	<1	<1	0.22
GRAB	COQ-612	1762 Hampton Drive	2022-12-28 12:15	0.49	NA	6	<1	<1	0.36
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-01-07 07:23	0.33	<2	4.9	<1	<1	0.48
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-01-11 07:56	0.69	<2	3.4	<1	<1	0.54
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-01-13 12:13	1.05	<2	6.5	<1	<1	0.63
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-01-19 12:20	1.22	<2	7.3	<1	<1	0.73

GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-01-28 08:17	0.21	<2	4.8	<1	<1	0.45
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-02-02 08:31	0.7	<2	5	<1	<1	0.41
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-02-06 12:35	1.46	<2	4.9	<1	<1	0.37
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-02-09 08:19	1.68	<2	4.9	<1	<1	0.39
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-02-17 08:21	1.11	<2	5.5	<1	<1	0.36
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-03-02 08:38	0.96	<2	4.7	<1	<1	0.38
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-03-20 13:17	0.72	<2	5.9	<1	<1	0.46
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-03-25 08:55	0.75	<2	6.1	<1	<1	0.45
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-03-31 08:30	0.53	<2	6.8	<1	<1	0.36
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-04-01 08:54	0.64	<2	6.8	<1	<1	0.35
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-04-06 13:25	0.67	<2	7	<1	<1	0.33
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-04-27 09:48	0.74	<2	7.7	<1	<1	0.3
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-05-05 08:55	0.94	<2	8.3	<1	<1	0.78
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-05-12 08:38	0.55	<2	8.6	<1	<1	0.37
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-05-18 12:01	0.68	<2	8.6	<1	<1	0.31
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-05-28 11:05	1.1	<2	10	<1	<1	0.31
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-06-02 08:07	2.05	<2	10.2	<1	<1	0.46
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-06-09 08:41	1.86	2	11	<1	<1	0.29
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-06-15 08:25	1.6	<2	11.9	<1	<1	0.3
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-06-21 08:28	1.57	<2	11.4	<1	<1	0.34
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-06-29 09:35	0.96	<2	12.3	<1	<1	0.27
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-07-06 08:32	0.47	4	12.7	<1	<1	0.24
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-07-13 08:23	0.31	6	13.2	<1	<1	0.23
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-07-16 10:30	1.07	<2	14.1	<1	<1	0.25
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-07-19 10:43	1.22	<2	11.4	<1	<1	0.2
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-07-27 09:59	1.04	4	14.7	<1	<1	0.27
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-08-04 08:33	1.46	<2	13.4	<1	<1	0.25
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-08-11 08:35	0.96	320	15.9	<1	<1	0.24
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-08-16 11:49	0.49	22	16.5	<1	<1	0.22
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-08-25 08:00	0.28	8	16.5	<1	<1	0.26
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-08-31 07:44	0.9	56	16	<1	<1	0.22
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-09-09 08:25	0.3	520	16.6	<1	<1	0.23
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-09-13 13:24	0.07	160	16.8	<1	<1	0.23
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-09-28 08:49	0.58	2	16.4	<1	<1	0.27
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-09-29 08:38	0.12	94	16.3	<1	<1	0.26
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-10-06 08:33	0.54	4	16.4	<1	<1	0.26
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-10-18 09:43	0.42	<2	16	<1	<1	0.31
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-10-25 07:50	0.88	8	14.5	<1	<1	0.36
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-11-02 09:48	0.82	<2	12	<1	<1	0.41
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-11-17 08:15	0.36	2	9	<1	<1	0.38
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-11-25 11:54	0.67	<2	8	<1	<1	0.35
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-12-10 08:44	0.61	<2	6	<1	<1	0.29
GRAB	COQ-613	Eagle Summit Reservoir, Gate	2022-12-28 12:25	0.56	NA	6	<1	<1	0.33
GRAB	COQ-614	Buoy Drive and Quay Place	2022-01-10 13:45	0.63	<2	4.5	<1	<1	0.53
GRAB	COQ-614	Buoy Drive and Quay Place	2022-01-20 10:30	0.64	10	6	<1	<1	0.41
GRAB	COQ-614	Buoy Drive and Quay Place	2022-01-21 11:29	0.68	4	7.8	<1	<1	0.37
GRAB	COQ-614	Buoy Drive and Quay Place	2022-01-28 11:50	0.69	<2	5.8	<1	<1	0.3
GRAB	COQ-614	Buoy Drive and Quay Place	2022-02-03 09:38	0.89	<2	4.2	<1	<1	0.29
GRAB	COQ-614	Buoy Drive and Quay Place	2022-02-04 08:36	0.89	<2	5.3	<1	<1	0.33
GRAB	COQ-614	Buoy Drive and Quay Place	2022-02-08 09:43	0.74	<2	5.5	<1	<1	0.32
GRAB	COQ-614	Buoy Drive and Quay Place	2022-02-10 08:47	0.53	2	5.8	<1	<1	0.34
GRAB	COQ-614	Buoy Drive and Quay Place	2022-02-15 09:53	0.5	<2	7	<1	<1	0.29
GRAB	COQ-614	Buoy Drive and Quay Place	2022-02-16 09:05	0.62	<2	7.6	<1	<1	4.7
GRAB	COQ-614	Buoy Drive and Quay Place	2022-02-24 13:39	0.7	38	6.2	<1	<1	0.44
GRAB	COQ-614	Buoy Drive and Quay Place	2022-03-02 11:06	0.61	<2	6.9	<1	<1	0.85

GRAB	COQ-614	Buoy Drive and Quay Place	2022-03-04 10:11	0.51	<2	7.3	<1	<1	0.56
GRAB	COQ-614	Buoy Drive and Quay Place	2022-03-10 10:13	0.65	<2	6	<1	<1	0.32
GRAB	COQ-614	Buoy Drive and Quay Place	2022-03-16 08:15	0.58	2	6.6	<1	<1	0.53
GRAB	COQ-614	Buoy Drive and Quay Place	2022-03-21 09:38	0.52	<2	7.2	<1	<1	0.35
GRAB	COQ-614	Buoy Drive and Quay Place	2022-03-30 08:42	0.62	<2	8	<1	<1	0.27
GRAB	COQ-614	Buoy Drive and Quay Place	2022-04-07 11:51	0.56	<2	8.3	<1	<1	0.34
GRAB	COQ-614	Buoy Drive and Quay Place	2022-04-11 10:56	0.43	<2	8.7	<1	<1	0.24
GRAB	COQ-614	Buoy Drive and Quay Place	2022-04-20 09:01	0.44	<2	7.4	<1	<1	0.23
GRAB	COQ-614	Buoy Drive and Quay Place	2022-04-26 09:21	0.45	<2	9.8	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-05-02 08:38	0.42	2	10.1	<1	<1	0.26
GRAB	COQ-614	Buoy Drive and Quay Place	2022-05-11 09:01	0.38	12	10.5	<1	<1	0.3
GRAB	COQ-614	Buoy Drive and Quay Place	2022-05-12 08:31	0.42	6	10.8	<1	<1	0.2
GRAB	COQ-614	Buoy Drive and Quay Place	2022-05-18 09:28	0.35	<2	11.5	<1	<1	0.23
GRAB	COQ-614	Buoy Drive and Quay Place	2022-05-27 07:42	0.42	16	9.6	<1	<1	0.23
GRAB	COQ-614	Buoy Drive and Quay Place	2022-05-30 10:46	0.42	24	12.1	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-06-08 08:30	0.38	16	12.7	<1	<1	0.3
GRAB	COQ-614	Buoy Drive and Quay Place	2022-06-13 09:10	0.33	60	13.6	<1	<1	0.19
GRAB	COQ-614	Buoy Drive and Quay Place	2022-06-18 11:44	0.79	40	13.5	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-06-20 12:58	0.5	62	13.3	<1	<1	0.18
GRAB	COQ-614	Buoy Drive and Quay Place	2022-06-25 12:45	0.45	34	14	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-07-02 07:13	0.17	12	15.8	<1	<1	0.23
GRAB	COQ-614	Buoy Drive and Quay Place	2022-07-05 09:22	0.2	46	17	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-07-08 13:05	0.17	42	14	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-07-13 08:30	0.13	26	16.7	<1	<1	0.22
GRAB	COQ-614	Buoy Drive and Quay Place	2022-07-19 12:15	0.2	14	17.5	<1	<1	0.17
GRAB	COQ-614	Buoy Drive and Quay Place	2022-07-25 13:21	0.25	42	17.2	<1	<1	0.19
GRAB	COQ-614	Buoy Drive and Quay Place	2022-07-29 13:05	1.09	26	12.3	<1	<1	0.25
GRAB	COQ-614	Buoy Drive and Quay Place	2022-08-02 12:16	0.88	60	13.5	<1	<1	0.29
GRAB	COQ-614	Buoy Drive and Quay Place	2022-08-03 12:30	0.73	72	14.1	<1	<1	0.24
GRAB	COQ-614	Buoy Drive and Quay Place	2022-08-08 07:15	0.63	220	13	<1	<1	0.18
GRAB	COQ-614	Buoy Drive and Quay Place	2022-08-09 09:10	0.75	58	13.5	<1	<1	0.17
GRAB	COQ-614	Buoy Drive and Quay Place	2022-08-17 08:23	0.71	50	13.7	<1	<1	0.19
GRAB	COQ-614	Buoy Drive and Quay Place	2022-08-24 08:26	0.71	150	14.7	<1	<1	0.3
GRAB	COQ-614	Buoy Drive and Quay Place	2022-08-30 09:57	0.88	120	14.6	<1	<1	0.33
GRAB	COQ-614	Buoy Drive and Quay Place	2022-09-06 12:16	0.8	140	14.6	<1	<1	0.29
GRAB	COQ-614	Buoy Drive and Quay Place	2022-09-08 09:01	0.65	42	14.9	<1	<1	0.2
GRAB	COQ-614	Buoy Drive and Quay Place	2022-09-12 11:40	0.8	66	15.8	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-09-14 09:32	0.77	80	15.4	<1	<1	0.26
GRAB	COQ-614	Buoy Drive and Quay Place	2022-09-22 08:56	0.83	28	15.5	<1	<1	0.23
GRAB	COQ-614	Buoy Drive and Quay Place	2022-09-27 09:07	0.77	<2	15.2	<1	<1	0.22
GRAB	COQ-614	Buoy Drive and Quay Place	2022-09-28 08:44	0.62	10	15.3	<1	<1	0.24
GRAB	COQ-614	Buoy Drive and Quay Place	2022-10-04 08:58	0.67	2	14.7	<1	<1	0.2
GRAB	COQ-614	Buoy Drive and Quay Place	2022-10-11 09:09	0.46	<2	14.1	<1	<1	0.26
GRAB	COQ-614	Buoy Drive and Quay Place	2022-10-22 09:12	0.76	10	14	<1	<1	0.22
GRAB	COQ-614	Buoy Drive and Quay Place	2022-11-01 09:12	1	<2	11	<1	<1	0.52
GRAB	COQ-614	Buoy Drive and Quay Place	2022-11-07 09:52	0.46	2	11	<1	<1	0.39
GRAB	COQ-614	Buoy Drive and Quay Place	2022-11-14 08:48	0.63	8	9	<1	<1	0.3
GRAB	COQ-614	Buoy Drive and Quay Place	2022-11-23 10:14	0.81	<2	8	<1	<1	0.25
GRAB	COQ-614	Buoy Drive and Quay Place	2022-11-30 07:25	0.76	<2	8	<1	<1	0.22
GRAB	COQ-614	Buoy Drive and Quay Place	2022-12-09 10:09	0.44	<2	7	<1	<1	0.28
GRAB	COQ-614	Buoy Drive and Quay Place	2022-12-10 10:37	0.54	<2	6	<1	<1	0.21
GRAB	COQ-614	Buoy Drive and Quay Place	2022-12-12 11:57	0.55	2	7	<1	<1	0.23
GRAB	COQ-614	Buoy Drive and Quay Place	2022-12-28 09:51	0.66	NA	6	<1	<1	0.81
GRAB	COQ-614	Buoy Drive and Quay Place	2022-12-30 07:57	1.01	NA	5	<1	<1	0.88



City of Coquitlam
Engineering and Public Works Department

3000 Guildford Way
Coquitlam, B.C. V3B 7N2

604-927-3500
epw@coquitlam.ca

coquitlam.ca

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