



City of Richmond

Report to Committee

To: Public Works and Transportation Committee

Date: June 1, 2021

From: Suzanne Bycraft
Interim Director, Public Works Operations

File: 10-6000-01/2021-Vol
01

Re: 2020 Annual Water Quality Report

Staff Recommendation

That the annual report titled, “2020 Annual Water Quality Report” dated June 1, 2021, from the Interim Director, Public Works Operations, be endorsed and be made available to the community on the City’s website and through various communication tools including social media channels and as part of community outreach initiatives.

Suzanne Bycraft
Interim Director, Public Works Operations
(604-233-3338)

Att. 2

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER	
SENIOR STAFF REPORT REVIEW	INITIALS:
APPROVED BY CAO	

Staff Report

Origin

In 2001, the Province of British Columbia enacted the Drinking Water Protection Act, which gave authority to the Minister of Health to implement and enforce standards for water supply systems in British Columbia. In May 2003, regulations to be implemented under the Drinking Water Protection Act were adopted by the legislature as the Drinking Water Protection Regulation. These Acts were updated on April 29, 2014 under Bill 18 – 2014: the Water Sustainability Act. These regulations are designed to ensure the safe supply of drinking water.

This report presents the City's "2020 Annual Water Quality Report" (the Report), which enables the City to meet its obligations for public reporting to comply with applicable requirements in accordance with these regulations. Despite the challenges presented by the COVID-19 pandemic, the City was able to ensure the safe and adequate supply of essential water services throughout 2020. A summary of the Report is presented as Attachment 1, with the full report included as Attachment 2.

This report supports Council's Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

1.1 Enhance safety services and strategies to meet community needs.

1.2 Future-proof and maintain city infrastructure to keep the community safe.

This report supports Council's Strategic Plan 2018-2022 Strategy #2 A Sustainable and Environmentally Conscious City:

2.2 Policies and practices support Richmond's sustainability goals.

This report supports Council's Strategic Plan 2018-2022 Strategy #4 An Active and Thriving Richmond:

4.2 Ensure infrastructure meets changing community needs, current trends and best practices.

This report supports Council's Strategic Plan 2018-2022 Strategy #8 An Engaged and Informed Community:

8.2 Ensure citizens are well-informed with timely, accurate and easily accessible communication using a variety of methods and tools.

Analysis

The Drinking Water Protection Regulation requires water purveyors in BC to possess an operating permit, which confirms the Drinking Water Officer for the area has approved the water supply. Vancouver Coastal Health is responsible for the placement and function of the Drinking Water Officer, who has the authority to monitor water purveyors to ensure they are providing

safe drinking water through compliance with the British Columbia Drinking Water Protection Regulation, and any other conditions of the operating permit.

Under the Regulation, the City of Richmond is required to:

- Develop and maintain a process to notify the Drinking Water Officer and the Medical Health Officer of situations or conditions that could render unsafe drinking water;
- Implement and maintain a plan for collecting, shipping and analyzing water samples that adequately represent all areas within the City, in compliance with the direction set by the Drinking Water Officer; and
- Implement and maintain a plan for reporting results to the Drinking Water Officer and to water users.

Richmond thrives on its ability to provide water to residents and businesses, and water for fire protection services. To ensure a consistent supply, the capital watermain replacement program is a proactive approach to avoiding breaks and has proven to be a reliable and valuable tool in water distribution management. In 2020, Public Works staff attended to seven watermain breaks without compromising the integrity of the water distribution system, a decrease from the 29 watermain breaks in 2019. Repairs for a single watermain break can amount to \$100,000, damage to private properties and service disruptions to businesses and residents. As such, a proactive replacement and maintenance program is essential to minimizing costs and ensuring minimal to no disruptions in water quality and supply.

Highlights of the Report (Attachment 1) include:

- Richmond residents enjoyed high-quality, reliable drinking water.
- 2,082 water samples were collected to ensure water quality and each passed with exceptional results.
- Test results confirm high quality water and demonstrate continuous improvement.
- 33.2M cubic metres of water were purchased from Metro Vancouver in 2020 compared to 34.9M cubic metres in 2019.
- Richmond's 36 water fountains found on dikes and in parks provided potable water to the public while promoting tap water consumption as an alternative to bottled water.

In addition to these highlights, safety protocols and response procedures were quickly adapted to respond to the challenges presented by COVID-19. These measures helped to ensure staff were confident in their own safety and could focus on and perform their duties and responsibilities without compromise during the pandemic.

These and many other initiatives are detailed in the Report (Attachment 2).

Proposed Communication

Subject to Council's approval, the Report will be posted on the City's website and made available through various communication tools including social media channels and as part of community outreach activities.

June 1, 2021

- 4 -

Financial Impact

None.

Conclusion

The Report outlines the methods in which the City manages its water system to ensure compliance with applicable provincial requirements under the Drinking Water Protection Act. In 2020, the City's water quality met and exceeded the required standards to ensure residents enjoyed high quality, reliable and safe drinking water.

This report will be reviewed and endorsed by the Medical Health Officer of Vancouver Coastal Health Authority as part of the City's reporting obligations.



Bryan Shepherd
Manager, Waterworks
(604-233-3334)

BS:nk

- Att. 1: 2020 Annual Water Quality Report Summary
- 2: 2020 Annual Water Quality Report

City of Richmond

2020 Annual Water Quality Report Summary

In 2020, Richmond residents enjoyed high-quality and reliable drinking water. Water Services staff collected 2,082 water samples from 40 sampling sites to ensure excellent water quality.

Richmond is dedicated to promoting the value of municipal tap water, maximizing opportunities for use of tap water in municipal facilities and developing strategies for making tap water the “water of choice” in our community.



How does Richmond provide high-quality tap water?

- By testing all 40 water quality sites on a regular basis.
- By continuous preventative maintenance and monitoring.
- By providing the water system with the highest degree of care to ensure that it's an inhospitable environment for any harmful bacteria or toxins.
- By proactive watermain replacement and maintenance projects.

2020 Results

- Provided 33.2 million cubic metres of the highest quality drinking water to over 224,425 Richmond residents.
- Conducted 2,082 microbiological tests from 40 test locations.
- Maintained 12 pressure reducing valve (PRV) stations.
- Provided service to Richmond's 5,138 fire hydrants to ensure water is available during an emergency.
- Repaired seven watermain breaks without compromising the integrity of the water distribution system while maintaining positive pressure.
- Discovered and repaired 131 non-visible underground leaks through Richmond's leak detection program using noise loggers measuring sound frequencies in the targeted pipe allowing any leaks to be heard and recorded.
- Repaired 46 service connections.
- Installed 2,400 metres of new capital watermain.
- Installed 199 water services for new developments.



Multi-Barrier Approach

Richmond recognizes that in order to provide the highest quality water, several methods must be used to ensure its superiority—hence the “Multi-Barrier Approach”.

The “Multi-Barrier Approach” includes:

- Disinfection of the water at the source.
- Water quality monitoring capabilities at eight pressure reducing valve (PRV) stations.
- Weekly microbiological testing at 40 test locations.
- Maintenance practices that are of the highest standard.
- System operators that are certified by BC's Environmental Operators Certification Program (EOCP).



Heterotrophic Plate Count (HPC)

- The HPC count indicates the presence of nutrients that could facilitate the growth of harmful bacteria such as E. coli.
- By reducing the HPC levels, the possibility of bacteriological re-growth is essentially reduced.
- The minimal positive chlorine residual in our water also disinfects and eliminates harmful substances within our distribution system.

Summary

Richmond residents will continue to enjoy fresh, high-quality drinking water. It is without a doubt that the City of Richmond consistently excels at providing tap water of excellent quality and reliability.



City of Richmond 2020 Annual Water Quality Report



Richmond is dedicated to promoting the value of municipal tap water, maximizing opportunities for use of tap water in municipal facilities and developing strategies for making tap water the "water of choice" in our community.

Contents

Executive Summary	3
Introduction	5
Metro Vancouver Water District	6
Water Distribution System Overview.....	8
Water Quality Monitoring	9
Physical Parameters.....	12
Notifications	15
Mobile Emergency Response Unit	16
Water Conservation	17
Water Education Programs.....	21
Conclusion.....	23
Appendices.....	24



CNCL – 174

Executive Summary

The purpose of this report is to fulfill the requirements set out in the British Columbia Drinking Water Protection Act (BCDWPA) by giving an overview of the water distribution system, describing the maintenance conducted, detailing some of the unique features of the system and providing the results of Richmond's water quality testing program.

Test results confirm high-quality water and demonstrate continuous improvement. Richmond's water system is provided with the highest degree of care to ensure that it's an inhospitable environment for any harmful bacteria or toxins. Utility funding contributes to proactive watermain replacement and maintenance projects that will ensure the overall health of the system well into the future.

In 2020, the City of Richmond's Water Services staff undertook the following:

- Provided 33.2 million cubic metres of the highest quality drinking water to over 224,425 Richmond residents.
- Conducted 2,082 microbiological tests from 40 test locations.
- Maintained 12 pressure reducing valve (PRV) stations.
- Repaired seven watermain breaks without compromising the integrity of the water distribution system while maintaining positive pressure.
- Discovered and repaired 131 non-visible underground leaks through Richmond's leak detection program using noise loggers measuring sound frequencies in the targeted pipe allowing any leaks to be heard and recorded.
- Provided service to Richmond's 5,138 fire hydrants to ensure water is available during an emergency.
- Repaired 46 service connections.
- Installed 2,400 metres of new capital watermain.
- Installed 199 water services for new developments.

The City of Richmond's Water Services section takes its role as a water purveyor very seriously and is proud to be the guardian of such a precious resource.





CNCL – 176

2020 City of Richmond Annual Water Quality Report

Introduction

In 2002, the City of Richmond implemented a Drinking Water Quality Monitoring Program. This program was developed with advice from Vancouver Coastal Health and is in accordance with the British Columbia Drinking Water Protection Act (BCDWPA), the Water Quality Monitoring and Reporting Plan for Metro Vancouver and the Guidelines for Canadian Drinking Water Quality (GCDWQ).

Vancouver Coastal Health requires the City of Richmond to provide an annual water quality report so that Richmond can maintain its operating permit. It provides important information about Richmond's water distribution system and water quality.

The conditions set out in the British Columbia Drinking Water Protection Act (BCDWPA) require all water systems in BC be classified as a Level I through IV facility. Richmond's system is classified as a Level III facility so all staff are responsible for possessing a valid Level I to Level III Equipment Operators Certification Program (EOCP) certificate. To obtain and maintain a level of certification, staff successfully complete the required training. This ensures staff are able to respond appropriately and immediately to problems prior to becoming a risk to health or property.

As a water purveyor, Richmond complies with provincial and federal legislations: the British Columbia Drinking Water Protection Act (BCDWPA), the British Columbia Drinking Water Protection Regulations (BCDWPR) and the Guidelines for Canadian Drinking Water Quality (GCDWQ). Under these legislations, the City of Richmond is required to:

- Develop a process to notify the Drinking Water Officer and the Medical Health Officer of any condition that could render unsafe drinking water.
- Implement a sampling program that adequately represents all areas within the City.
- Meet the requirements of the British Columbia Drinking Water Protection Act (BCDWPA) and ensure test results are immediately available to the Medical Health Officer.
- Receive an annual construction permit for the construction, installation and extension of the water distribution system.
- Ensure that the City's water distribution system is classified under the criteria for the Environmental Operators Certification Program (EOCP) and that Water Services staff are certified to the same level as the distribution system.
- Produce an annual report detailing the results of the City's water quality monitoring program.



According to Metro Vancouver, the average person uses 270 litres of water per day.

- Toilets 24%
- Faucets 20%
- Shower 20%
- Clothes washers 16%
- Leaks 13%
- Baths 3%
- Other 3%
- Dishwashers 2%

Metro Vancouver Water District

In 2020, the City of Richmond purchased 33.2 million cubic metres of drinking water from the Metro Vancouver Water District.

Three watersheds supply regional water: Capilano Reservoir, Seymour Reservoir and Coquitlam Reservoir. The Capilano and Seymour Reservoirs supply two thirds of the water for the region. The Coquitlam Reservoir supplies the remaining third. Richmond receives the majority of its water from the Capilano and Seymour Reservoirs.

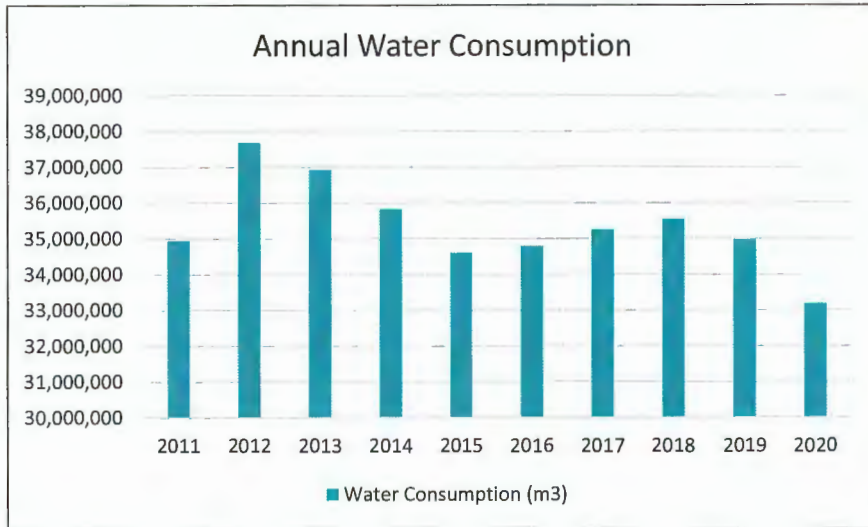


Metro Vancouver Watershed Map

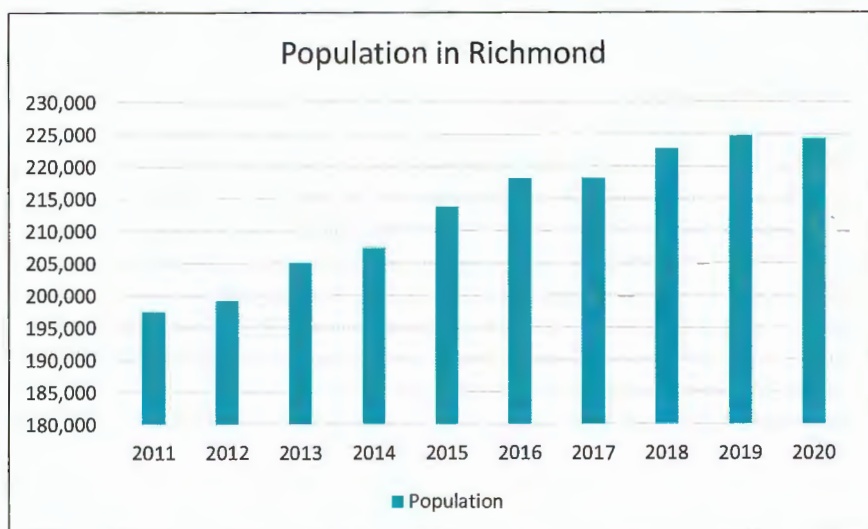
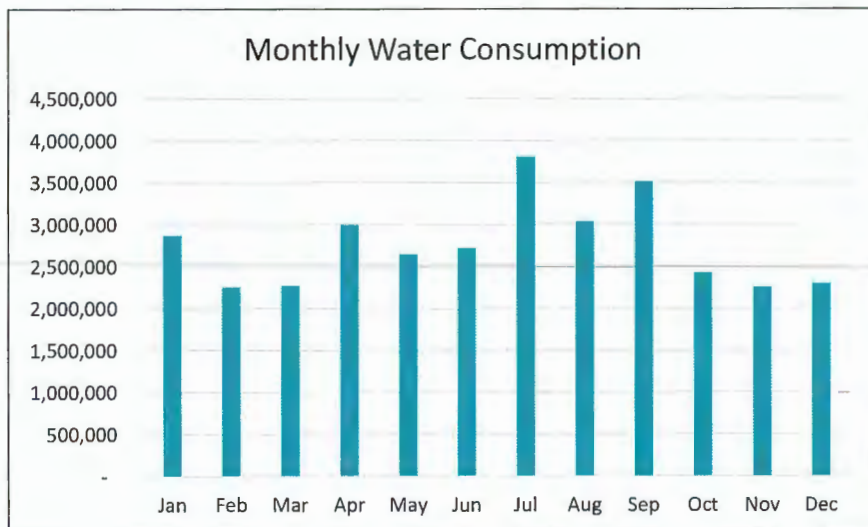


Metro Vancouver Seymour Watershed
Photo Credit: Metro Vancouver

Water from these reservoirs can be directed through a series of valves and transmission watermains to any city or municipality within the Metro Vancouver region. Source water is provided directly from the watersheds by Metro Vancouver and is tested for a number of microbiological, chemical and physical parameters. There are two drinking water treatment facilities, Seymour-Capilano Filtration Plant (SCFP) and Coquitlam Water Treatment Plant (CWTP). The SCFP is the largest filtration plant in Canada and has the capacity to filter and disinfect up to 1.8 billion litres of water per day. Water is carried from the Capilano watershed to the SCFP by two underground tunnels over seven kilometers long and 3.8 metres in diameter. The CWTP has the capacity to treat 380 million litres of water per day.



A family of four washes about 300 loads of laundry per year. Run full loads of laundry. A full load uses less water than two half loads.



Shorten your shower by two minutes. Reducing your shower by two minutes can save 460 litres of water in one month.

Water Distribution System Overview

The City of Richmond's 636 km water distribution system begins at 12 separate connection points along Metro Vancouver's transmission mains. At each connection point there is a City-owned pressure reducing valve (PRV) chamber. The City's responsibility for water quality begins at this chamber and ends at the residential or commercial property line.



Nelson Road PRV Station

Pressure Reducing Valve Stations

The Water Services section maintains 12 pressure reducing valve (PRV) stations throughout Richmond. PRV stations decrease the pressure of Metro Vancouver's water feed to one that is manageable for Richmond's water distribution system. The stations are connected to a supervisory control and data acquisition (SCADA) system that provides information to the Works Yard such as water pressure, quality and volume. This allows for certified Water Services staff to react to problems quickly and effectively 24 hours a day, seven days a week.

It is estimated that most municipalities in North America lose anywhere from 12% to 15% of their potable water to undiscovered, underground leakage. The Water Loss Management Program allows City Engineering and Water Services staff to determine the total amount of water consumed through normal operational programs and practices such as single-family residential, multi-family residential and commercial metering programs. Combining this information with known City-wide water usage and estimated water use from watermain flushing, parks and median irrigation, and Richmond Fire Rescue usage, staff can better understand, track and manage water loss throughout the distribution system.



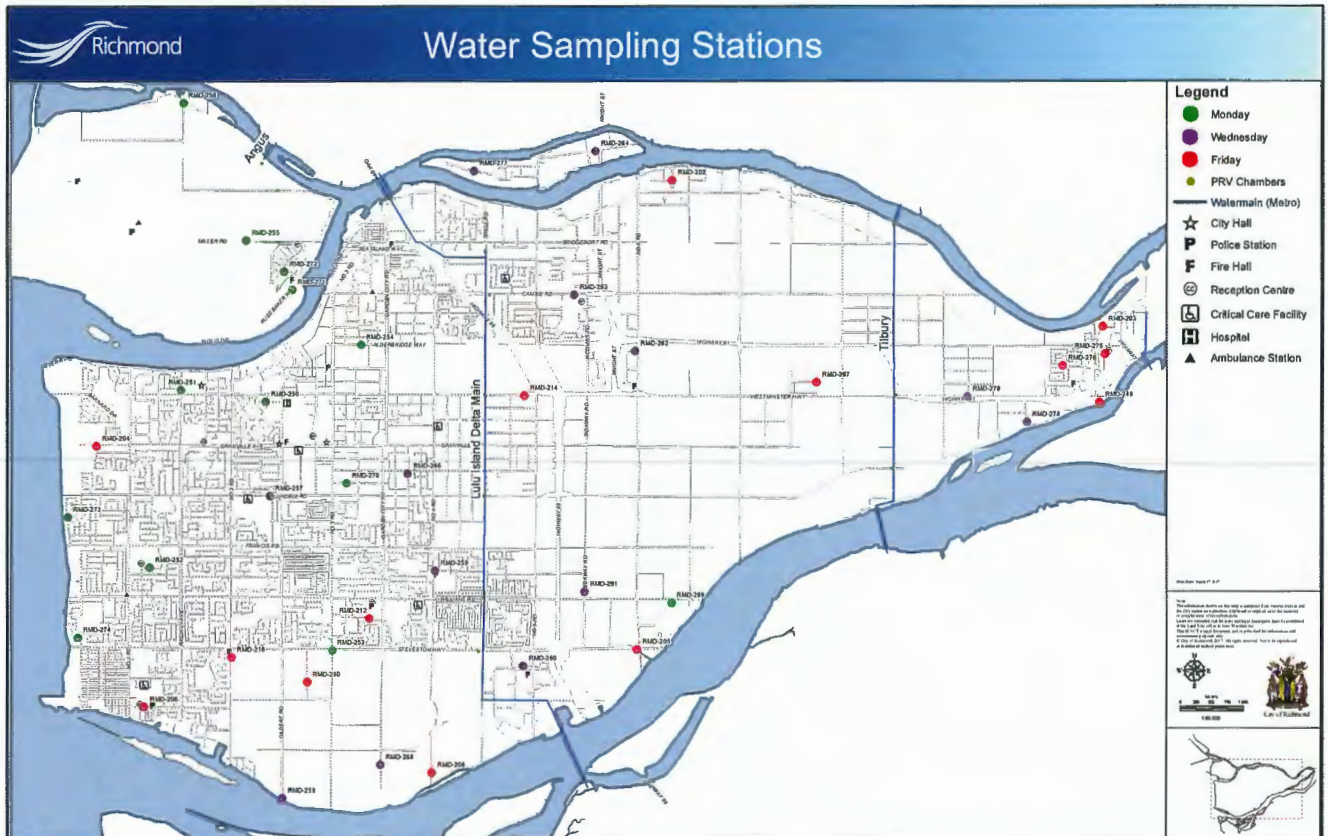
PRV Maintenance

Service Renewals

The City's service renewals program aims to prevent breaks and leaks by continuously upgrading and replacing older water services from the watermain to the property line. This preventative maintenance construction occurs throughout the year and requires minimal restoration.

Water Quality Monitoring

In 2020, the City of Richmond collected water samples on a weekly basis at 40 dedicated sampling sites. These sites are strategically located throughout the City to provide a suitable representation of the City's water quality across the distribution network. In 2020, 2,082 water samples were collected by Water Services staff and sent for analysis at Metro Vancouver laboratories. These sample results were reviewed by the Vancouver and Richmond Coastal Health Authority to ensure the drinking water met the standards outlined in the British Columbia Drinking Water Protection Regulations (BCDWPR).



Bacteriological Tests

The City of Richmond and Metro Vancouver conduct bacteriological tests for total coliform, fecal coliform and heterotrophic plate counts (HPC). The presence of these organisms in drinking water indicates that the water may be contaminated and may contain potentially harmful bacteria, viruses or parasites.

Multi-Barrier Approach

Richmond recognizes that in order to provide the highest quality water, several methods must be used to ensure its superiority.



Vegetables love the warm water stored in rain barrels, and you'll save treated drinking water.



Dual-flush toilets give the option of a water-saving half flush. We use about 270 litres of water and about 25% of indoor water use is from flushing the toilet.



Tagged fire hydrant

The “Multi-Barrier Approach” includes:

- Disinfection of the water at the source
- Water quality monitoring capabilities at eight PRV sites
- Weekly microbiological testing at 40 sites throughout Richmond
- System operators that are certified by BC’s Environmental Operators Certification Program (EOCP)
- Maintenance practices that are of the highest standard

Total Coliforms

Total coliform bacteria reproduce in water, soil or digestive systems of animals. The presence of total coliforms indicates water may have been contaminated and that the disinfection process is inadequate.

Testing for total coliforms should be carried out in all drinking water systems. The number, frequency and location of samples for total coliform testing will vary according to the type and size of the system and jurisdictional requirements. Provincial standards state that no sample contain more than 10 total coliforms per 100 ml, and that 90% of samples must have zero coliform bacteria in a sample over a 30-day period.

Fecal Coliforms

Fecal coliforms are present in large numbers in the feces and intestinal tracts of humans and other warm-blooded animals, and can enter water bodies from human and animal waste. They are key indicators of sewerage contamination. Due to diseases and parasites, which are spread through sewerage, provincial standards state there can be no detectable fecal coliforms per 100 ml sample.

Heterotrophic Plate Count

Heterotrophic plate count (HPC) tests measure aerobic heterotrophic bacteria. This test indicates the presence of nutrients that could facilitate the growth of harmful bacteria such as E.coli, and determines changes in water quality during treatment and distribution. HPC tests indicate the onset of bacterial re-growth within the distribution system commonly due to stagnant water contained in dead-end and low-flow watermains. By reducing the HPC levels, the possibility of bacteriological re-growth is essentially reduced because the pipes are an inhospitable environment for bacteria to grow. The minimal amount of positive chlorine residual in our water also disinfects and eliminates harmful substances within our distribution system. In 2020, none of the 2,082 water samples exceeded regulated levels for HPC’s at 500 CFU/mls and appropriate measures were taken. Only three of the 2,082 water samples exceeded 80 CFU/mls.

Flushing

As part of a five-year program, Water Services successfully executed the annual flushing program. This important maintenance practice ensures high-quality tap water by moving water through the pipes and eliminating stagnant water at dead-ends through fire hydrants. By doing so, the pipes are cleared and the risk of high HPC levels which lead to bacteria re-growth is significantly reduced.

Failed samples

The City's standard response to a failed water sample is:

- Re-sample
- Flush the watermain extensively
- Re-sample
- Isolate the watermain to one feed until test results confirm compliance with the British Columbia Drinking Water Protection Regulations (BCDWPR).



An average garden hose delivers around 45 litres of water each minute. Install a shut-off nozzle on your hose so it runs only when in use.



Taking a sample



Use a broom instead of a hose. Sweep driveways, decks, patios and sidewalks with a broom instead of using a hose. That 15-minute job could use 675 litres of water.



Turn off the tap when brushing your teeth. The two minutes, twice a day saves close to 700 litres of drinking water per month.

Physical Parameters

Water in Richmond's distribution system is tested for the physical parameters of turbidity and temperature at the same time as bacteriological testing. Information is also collected on the taste and odour of Richmond's water by actively tracking water quality complaints.

Turbidity

Metro Vancouver is responsible for the quality of Richmond's source water. Turbidity is a measure of water clarity and cloudiness. Turbidity is measured in Nephelometric Turbidity Units (NTU). The guideline allows for turbidity levels up to 5 NTUs providing that source water protection, monitoring, and water treatment requirements are met including increased levels of residual chlorine. Turbidity is a concern because increased turbidity compromises the drinking water disinfection process. In 2020, eight samples out of 2,082 had turbidity levels that exceeded 1 NTU.

In general, sites with elevated turbidity are located in sections of the distribution network where there is low demand on the water system or where dead-end watermains exist. The increase may be attributed to sediment disturbance in the distribution system. If a sample indicates a turbidity level greater than 5 NTUs, affected watermains in the test area are flushed and re-tested until a satisfactory result is obtained.

Temperature

High temperatures in the distribution system can affect the residual level of chlorine and can contribute to bacterial re-growth. Typically, the temperature of drinking water in the distribution system rises during summer months. Although there were no customer complaints regarding Richmond's water temperature, samples exceeded the aesthetic guideline of 15°C 76 times out of 2,082 with the highest temperature recorded as 18°C. The majority of these elevated temperatures were recorded during the summer months.



Testing water temperature

Taste and Odour

Taste and odour are only monitored in response to customer complaints. Records indicate that 20 complaints were received regarding taste and seven complaints were received regarding odour in 2020. These complaints generally relate to high levels of residual chlorine in that part of the system at that particular time. Residents who complained about taste or odour problems were advised to flush their internal system. If the problem was not resolved, Water Services staff were dispatched to the location until a satisfactory result was obtained and verified through laboratory analysis.



Chemical Parameters

Testing is done for the following chemical parameters: chlorine residual, trihalomethanes (THM), haloacetic acids (HAA), and pH (Appendix 4). Periodic testing is also performed to determine heavy metals levels in the water system (Appendix 5).

Chlorine Residual

Chlorine residual is a measurement of the disinfecting agent remaining in the distribution system at the point of delivery to the customer. Ensuring proper levels of chlorine in the distribution system is essential in protecting Richmond's water supply from bacteriological contamination or re-growth. In recent years, the City has made great progress in improving chlorine residuals by implementing various flushing programs.



Instead of running the tap until the water cools, keep a pitcher of cold drinking water on standby in the fridge.



Collected samples



Put leaves and bark mulch around shrubs and trees to hold in moisture. Mulch can preserve moisture by reducing soil temperature and slowing evaporation.

Disinfection By-Products

Disinfection by-products are potentially harmful compounds produced by the reaction of a water disinfectant (such as chlorine or ozone) with naturally occurring organic matter in water. Two common chlorination



An hour of lawn watering uses as much water as 25 toilet flushes, five loads of laundry and five dishwasher loads combined.



Watering between 4:00 and 9:00 a.m. complies with sprinkling regulations, and reduces the amount of water lost to wind and evaporation.

by-products are Trihalomethanes (THMs) and Haloacetic Acids (HAAs). In drinking water, THMs can enter the human body via multiple routes of exposure. These include ingestion by consuming water and inhalation and skin absorption from showering and bathing. Under the Guidelines for Canadian Drinking Water Quality (GCDWQ), the maximum acceptable concentration (IMAC) for THMs is 100 parts per billion (ppb). The 100 ppb level for THMs is based on an annual average of samples taken quarterly. High levels on a particular day are not of concern unless they are consistently high over a period of time. Typically, THM levels will be highest in the summer and lowest in the winter months. Likewise, under the GCDWD, the maximum acceptable concentration (IMAC) for HAAs is 80 parts per billion (ppb). The City utilizes the Metro Vancouver laboratory to perform quarterly tests for HAAs and THMs. These were carried out at representative sampling sites in accordance with a joint Metro Vancouver/Richmond monitoring plan. In 2020, all results were within acceptable levels as defined in the GCDWQ. (Appendix 4)

The pH Value

The measurement of acidity is known as pH. A pH below 7.0 is considered acidic, above 7.0 is considered basic, with 7.0 being neutral. It is recognized that acidic water will accelerate the corrosion of metal pipes, often causing blue-green staining in household fixtures.

The Seymour-Capilano filtration plant includes pH adjustment and corrosion control in its treatment processes. It is expected that the pH of drinking water will rise in the coming years as the filtration plant reaches its full potential. As natural acidity in water corrodes metal pipes over time, this will extend the lifespan of water plumbing systems and enhance water quality.

Metals

The City's water quality program also includes testing for metals, such as copper, iron, lead, and zinc. All results were within or below GCDWQ limits for 2020. (Appendix 5)



Notifications

Under the Drinking Water Protection Act, the Metro Vancouver laboratory must immediately inform the City of Richmond, the Drinking Water Officer and the Medical Health Officer if a water supply system result fails to meet established guidelines. Immediate action and precautions are taken and notifications are given. If any threats are made to the water supply, the Drinking Water Officer must be notified immediately.

Water safety situations such as chemical or biological contamination, turbidity over 5 NTU, disinfection failure, loss of pressure due to high demand, or a watermain break where there is suspected contamination, would be considered an emergency and immediate action would be taken. The Drinking Water Officer and Medical Health Officer would be notified immediately. (Appendix 6)

Water quality advisories are issued to the general public when necessary. Similarly, if there is construction or a service being done that will affect the quality of the drinking water, a notification will be issued to the affected residents.



Mow grass to a height of 5–6 cm to keep roots shaded and better able to hold water.



Set a timer as a reminder to turn off your sprinkler.





Emergency treatment trailer exterior

Mobile Emergency Response Unit

Water Services staff are trained to operate the water treatment trailer for use during a major emergency where Richmond's water is contaminated. The treatment trailer is capable of producing 55,000 litres of potable water per day from non-potable sources such as the Fraser River. It is maintained and continuously tested by Water Services staff to ensure that the water is safe to serve Richmond residents in an emergency situation.



Emergency treatment trailer interior



An hour a week of sprinkling or rain is all you need for a healthy lawn with a strong root system.



Leave grass clippings on your lawn after mowing. Leaving clippings to decompose reduces evaporation, allowing you to water your lawn less.

Water Conservation

Water Conservation Programs

The City of Richmond continues to succeed in reducing annual water consumption despite a growing population by implementing corporate and community-wide initiatives. These include water metering, pressure management, leak reduction and detection programs, toilet rebate program and clothes washer rebate program.

Universal Single-Family Water Meter Program

The universal single-family water meter program was completed in 2017. Water meters are a fair and equitable way of charging residents for their water usage and the program aims to reduce the overall water consumption throughout the City.



Residential water meter



Choose plants that love dry heat. Embrace the dry heat by planting tomatoes, basil, beans, melon, eggplant and more in your garden.



Position your sprinkler so that it is only watering your lawn and plants, not driveways or sidewalks.



Multi-Family Water Meter Program

The volunteer multi-family water meter program allows residents to pay for the actual amount of water they use, rather than being billed on the flat-rate system. Currently, half the multi-family complexes in Richmond are complete while all new developments are metered.

Pressure Management Program

The City of Richmond reduces water pressure by 10 PSI from October to May, causing the system pressure to change from 90 PSI to 80 PSI. The purpose of this practice is to reduce the volume of leakage during a lower demand period and extend the life of our water infrastructure. During summer months, a timer-based system lowers the pressure from 90 PSI to 80 PSI from 1:00 to 5:00 a.m. A decrease in nighttime flows and private leaks has been observed.



Don't let the water run when washing dishes. Fill one basin with water for washing and another for rinsing.



Check for leaks in your garden hose. Small leaks or a loose coupling can quickly add up to a lot of wasted water.



Metro Vancouver water connection to PRV station

Leak Reduction Program

The leak reduction program identifies single-family properties with continuous leaks and educates the homeowner about the leak and significantly reduces overall private property leakage.

Leak Detection Program

The leak detection program discovers non-visible underground leaks within the City's distribution system using noise loggers measuring sound frequencies in the targeted pipe allowing any leaks to be heard and recorded.

Toilet Rebate Program

The City of Richmond's Toilet Rebate Program provides a utility account rebate of \$100 to homeowners who install a low-flush toilet. Single and multi-family homeowners are eligible to apply for a lifetime maximum of two rebates per property. Industrial, commercial and other non-residential properties are not eligible at this time. This program encourages homeowners to replace older, high-volume toilets with low-flush toilets to conserve water and to reduce costs. In 2020, there were 957 rebates submitted.

Clothes Washer Rebate Program

Through a partnership program with BC Hydro, residents received a rebate of up to \$100, equally cost-shared between BC Hydro and the City of Richmond for the replacement of an inefficient clothes washer with a new, high-efficiency one. The bi-annual rebate program encourages homeowners to conserve water and energy. In 2020, 72 clothes washer rebates were issued to Richmond residents.

Rain Barrels

Rain barrels are excellent outdoor water-saving devices that collect and store rainwater from rooftops for lawn and garden use. Rainwater is a great water source for lawns, plants and gardens. For water metered households, using rainwater will reduce the amount of tap water used for your garden therefore decreasing the utility bill.

Rain barrels are available for purchase at the City's Recycling Depot by Richmond residents only. Installation instructions are included. In 2020, 154 rain barrels were sold.

SYSTEMN rain barrel features:

- Unique shape and neutral color suitable for any home and garden
- 208 litre (55 gallon) capacity
- Mosquito mesh keeps out bugs and leaves
- BPA-free
- Made from recycled content
- UV stabilizer is added to resist deterioration from sunlight
- Overflow hose can be linked to another SYSTEMN or can be directed away from the house



Drop a teaspoon of food colouring into your toilet tank. If the colour appears in the bowl after 15 minutes, you've got a leak. Many leaks can be fixed by replacing the worn-out flapper valve.



Weed regularly, before weeds can establish roots that compete for nutrients and water.



Rain barrel



Water regulations are in effect from May 1 – October 15. They help manage demand for drinking water during the summer, periods of water shortages, and in emergencies.

Metro Vancouver Watering Regulations

To help manage the high demand for drinking water during the hot and dry summer months, Metro Vancouver imposed stage one lawn watering regulations from May 1 to October 15, 2020. All Public Works sections and Parks Operations were involved in collecting and using recycled water for Richmond's parks, plants, street sweeping and Vector operation.



If you have a choice, do use the dishwasher. They usually use less water than hand washing.

Water Education Programs

Tap Water Initiative

Metro Vancouver's tap water campaign is an initiative to encourage tap water consumption by the public and highlight public drinking fountains so that the public can refill water bottles or simply get a drink of high-quality water. The City of Richmond is dedicated to promoting the value of tap water, maximizing opportunities for use of tap water in facilities and developing strategies for making tap water the water of choice.



Water fountain and bottle refill station

To support this initiative, Richmond's Water Services section is proud to maintain portable drinking units that are used at numerous community events to provide the public with potable tap water and to promote tap water usage as an alternative to bottled water consumption. Samples are tested upon installation ensuring good quality water for the public to enjoy. Due to the COVID-19 pandemic, community events were cancelled thus the portable drinking fountains were not installed.

The 36 water fountains found on Richmond's dikes and in parks are maintained by Water Services. They are tested and inspected ensuring accessible and high-quality drinking water. They must be turned off in winter months to prevent freezing and costly damage and are turned back on in the spring for the public to enjoy. An auto-flushing unit was installed on one of the longer service pipes connected to a fountain, to ensure water quality and maintain an accurate chlorine residual.

"H2Whoa!" Theatrical Presentation by DreamRider Productions

"H2Whoa!" teaches students in grades K-7 all about the water cycle, sources of water pollution and water conservation. The focus is on positive actions and educating family and friends about the use of water, the need to protect it and its importance to everyday living.

In early 2020, Water Services collaborated with DreamRider Productions to introduce *Planet Protector Academy: H2Whoa!* to Richmond elementary school classes as an additional, virtual component to the water education



Water fountain on Dyke Road



Even with an efficient washer, one load a day uses 340 litres over a week.

program. Teachers facilitated this interactive web-based program by projecting four weekly modules (60–90 minutes each) onto a screen in the classroom that include at-home missions that cover a range of water topics. *Planet Protector Academy: H2Whoa!* is a fun, engaging teaching resource on water education, conservation and protection that supports curriculum expectations for grades 3–6. A total of eight classrooms from six different Richmond elementary schools participated. There was more interest however due to the COVID-19 pandemic school closures, teachers were unable to partake in the program. Upon school closures, a *Planet Protector Academy: H2Whoa! "Home Edition"* program, composed of live webcasts, was introduced and offered through Richmond elementary schools. A total of 66 Richmond households subscribed to this program.



"H2Whoa!" presentation at a Richmond elementary school



84% of homes have an automatic dishwasher. The average cycle uses 23 litres of water, down from older models at 38 litres. A half-full dishwasher uses the same amount of water as a full one.

Project WET

Project WET is an interactive elementary school water education program aimed at teaching students about the importance of water, environmental programs, sewerage and drainage systems. Largely targeted for Richmond students in grades four through seven, this annual program is designed to educate students on the importance of water conservation, quality and supply.

In 2020, Project WET was cancelled due to the COVID-19 pandemic.

Public Works Open House

The Water Services section plays a large role in the annual Public Works Open House that takes place in May. This is an excellent opportunity for staff to show residents some of the critical services that are provided such as maintaining our infrastructure and testing our water quality. Likewise, staff showcase the work that is done on a daily basis to ensure the safety and health of the community. This event draws attention to the importance of public works in community life.

In 2020, the Public Works Open House was cancelled due to the COVID-19 pandemic.

Conclusion

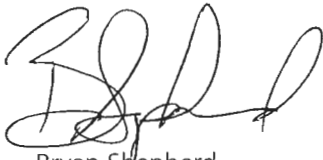
In 2020, Richmond residents enjoyed high-quality drinking water. From the protected watersheds to the local taps, both Metro Vancouver and the City of Richmond focus immensely on safe and exceptionally high-quality drinking water.

Test results confirm our commitment to provide high-quality water and demonstrate continuous improvement. Richmond's water system is operated and maintained to the highest degree of care to ensure that it's an inhospitable environment for any harmful bacteria or toxins. The City of Richmond's Water Services section takes its role as a water purveyor very seriously and is proud to be the guardian of such a precious resource.

Water Services staff continue to employ best management practices in the operation and maintenance of the water system. Certified by the Equipment Operators Certification Program (EOCP), staff meet all requirements of the British Columbia Drinking Water Protection Act (BCDWPA) and are well equipped to operate and maintain all aspects of the water system from the source to the property line.

The City values the strong working relationship with Vancouver Coastal Health and acknowledges them as important partners in maintaining high-quality drinking water throughout Richmond.

Sincerely,



Bryan Shepherd
Manager, Water Services
City of Richmond
604-233-3334
bshepherd@richmond.ca

Appendices

APPENDIX 1: References

APPENDIX 2: Water Sampling Sites

APPENDIX 3: 2020 Water Quality Results

APPENDIX 4: 2020 THM and HAA Test Results

APPENDIX 5: 2020 Metal and Vinyl Chloride Testing Results

APPENDIX 6: Specific Emergency Response Plans

APPENDIX 1: REFERENCES

1. Government of Canada – Canadian Drinking Water Guidelines
www.hc-sc.gc.ca/ewh-semt/water-eau/drink-potab/index_e.html
2. BC Drinking Water Protection Act (2020)
www.bclaws.ca/civix/document/id/complete/statreg/01009_01
3. BC Laws – Schedule A Water Quality Standard for Potable Water
www.bclaws.ca/EPLibraries/bclaws_new/document/ID/freeside/200_2003#ScheduleA
4. Government of British Columbia – Source Drinking Water Quality Guidelines
www2.gov.bc.ca/assets/gov/environment/air-land-water/water/waterquality/water-quality-guidelines/approved-wqgs/drinking-water-and-recreation/source_drinking_water_quality_guidelines_bcenv.pdf
5. Government of British Columbia – Legislation – Drinking Water Protection Act
www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-quality/drinking-water-quality/legislation
6. Metro Vancouver – Water Services
www.metrovancouver.org/services/water/Pages/default.aspx
7. Metro Vancouver – We Love Water
www.metrovancouver.org/welovewater/Pages/default.aspx
8. Metro Vancouver – Drinking Water Facilities
www.metrovancouver.org/services/water/quality-facilities/facilities-processes/drinking-water-treatment-facilities/Pages/default.aspx
9. Metro Vancouver – Seymour-Capilano Filtration Project
www.metrovancouver.org/services/water/WaterPublications/SCFiltrPlant2010.pdf
10. City of Richmond – Infor Public Sector (IPS)
Asset management program
11. City of Richmond – Hot Facts
www.richmond.ca/_shared/assets/Population_Hot_Facts6248.pdf
12. City of Richmond – Richmond GVWD Water Consumption
Document No. 555456 / Master Data
13. City of Richmond – Water Sampling Station Map
[\\city.richmond.bc.ca\RICHMOND\GIS DATA-ALL LOCATIONS\Engineering Planning\Shared\Water Works\Water Sampling Station\mxd\water_sampling_stations_11x17.mxd](http://city.richmond.bc.ca/RICHMOND\GIS DATA-ALL LOCATIONS\Engineering Planning\Shared\Water Works\Water Sampling Station\mxd\water_sampling_stations_11x17.mxd)
14. City of Richmond – Engineering – Benchmarking Statistics – Underground Utilities Inventory –
Drainage and Sanitary and Water
Document No. 2236678

APPENDIX 2: WATER SAMPLING SITES

	Sampling Station Number	Water Sampling Sites
Monday	RMD-250	6071 Azure Road
	RMD-251	5951 McCallan Road
	RMD-252	9751 Pendleton Road
	RMD-253	11051 No 3 Road
	RMD-254	5300 No. 3 Road
	RMD-255	6000 Blk. Miller Road
	RMD-256	1000 Blk. McDonald Road
	RMD-269	14951 Triangle Road
	RMD-270	8200 Jones Road
	RMD-271	3800 Cessna Drive
	RMD-272	751 Catalina Crescent
	RMD-273	Opp. 8331 Fairfax Place
	RMD-274	10920 Springwood Court
	Wednesday	RMD-257
RMD-258		7000 Blk. Dyke Road
RMD-259		10020 Amethyst Avenue
RMD-260		11111 Horseshoe Way
RMD-261		9911 Sidaway Road
RMD-262		13799 Commerce Pkwy
RMD-263		12560 Cambie Road
RMD-264		13100 Mitchell Road
RMD-266		9380 General Currie Road
RMD-268		13800 No. 3 Road
RMD-277		Opp. 11280 Twigg Place
RMD-278		6651 Fraserwood Place
RMD-279		Opp. 20371 Westminster Highway
Friday	RMD-202	1500 Valemont Way
	RMD-203	23260 Westminster Highway
	RMD-204	3180 Granville Avenue
	RMD-205	13851 Steveston Highway
	RMD-206	4251 Moncton Street
	RMD-208	13200 No. 4 Road
	RMD-212	Opp. 8600 Ryan Road
	RMD-214	11720 Westminster Highway
	RMD-216	11080 No. 2 Road
	RMD-267	17240 Fedoruk Road
	RMD-249	23000 Block Dyke Road
	RMD-275	5180 Smith Crescent
	RMD-276	22271 Cochrane Drive
	RMD-280	11500 McKenzie Road

Sample Type	Sample Name	Sample Description	Sample Date	Chlorine Free (mg/L)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	FEC (CFU/ml)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-266	9380 General Currie Rd.	2020-11-18 14:55	0.79	<1		<2	9	<1		0.1
Grab sample	RMD-267	17240 Fedoruk	2020-05-01 10:00	0.75	<1		<2	9	<1		0.1
Grab sample	RMD-270	8200 Jones Rd.	2020-05-25 14:05	1	<1		<2	9	<1		0.1
Grab sample	RMD-276	22271 Cochrane Drive	2020-04-23 10:25	0.58	<1		<2	9	<1		0.1
Grab sample	RMD-276	22271 Cochrane Drive	2020-05-01 10:30	0.72	<1		<2	9	<1		0.1
Grab sample	RMD-280	11500 McKenzie Rd.	2020-05-15 08:15	0.83	<1		<2	9	<1		0.1
Grab sample	RMD-205	13851 Steveston Hwy.	2020-05-15 09:00	0.91	<1		<2	10	<1		0.1
Grab sample	RMD-208	13200 No. 4 Rd.	2020-06-04 08:45	0.96	<1		<2	10	<1		0.1
Grab sample	RMD-216	11080 No. 2 Rd.	2020-11-05 08:00	0.76	<1		<2	10	<1		0.1
Grab sample	RMD-251	5951 McCallan Rd.	2020-06-22 12:30	0.94	<1		<2	10	<1		0.1
Grab sample	RMD-203	23260 Westminster Hwy.	2020-06-12 11:00	0.97	<1		<2	11	<1		0.1
Grab sample	RMD-203	23260 Westminster Hwy.	2020-07-24 11:00	0.7	<1		<2	11	<1		0.1
Grab sample	RMD-250	6071 Azure Rd.	2020-06-22 14:30	0.77	<1		<2	11	<1		0.1
Grab sample	RMD-257	6640 Blundell Rd.	2020-06-30 07:30	0.91	<1		<2	11	<1		0.1
Grab sample	RMD-259	10020 Amethyst Ave.	2020-06-10 14:40	0.92	<1		<2	11	<1		0.1
Grab sample	RMD-259	10020 Amethyst Ave.	2020-10-28 14:40	0.81	<1		<2	11	<1		0.1
Grab sample	RMD-263	12560 Cambie Rd.	2020-10-28 12:30	0.75	<1		<2	11	<1		0.1
Grab sample	RMD-271	3800 Cessna Drive	2020-11-02 15:10	0.89	<1		<2	11	<1		0.1
Grab sample	RMD-278	6651 Fraserwood Place	2020-07-22 13:35	0.68	<1		<2	11	<1		0.1
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-06-12 10:15	0.81	<1		<2	12	<1		0.1
Grab sample	RMD-251	5951 McCallan Rd.	2020-07-27 12:30	0.74	<1		<2	12	<1		0.1
Grab sample	RMD-251	5951 McCallan Rd.	2020-08-10 12:30	0.76	<1		<2	12	<1		0.1
Grab sample	RMD-253	11051 No 3 Rd.	2020-06-08 13:30	0.92	<1		<2	12	<1		0.1
Grab sample	RMD-254	5300 No. 3 Rd.	2020-06-22 15:15	0.87	<1		<2	12	<1		0.1
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-06-22 14:45	0.74	<1		<2	12	<1		0.1
Grab sample	RMD-267	17240 Fedoruk	2020-06-12 10:00	0.86	<1		<2	12	<1		0.1
Grab sample	RMD-269	14951 Triangle Rd.	2020-06-22 13:55	0.74	<1		<2	12	<1		0.1
Grab sample	RMD-272	751 Catalina Cres.	2020-06-22 15:45	0.97	<1		<2	12	<1		0.1
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-06-10 13:50	0.95	<1		<2	12	<1		0.1
Grab sample	RMD-216	11080 No. 2 Rd.	2020-10-16 08:00	0.71	<1		<2	13	<1		0.1
Grab sample	RMD-253	11051 No 3 Rd.	2020-08-10 13:30	0.66	<1		<2	13	<1		0.1
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-08-12 12:45	0.7	<1		<2	13	<1		0.1
Grab sample	RMD-203	23260 Westminster Hwy.	2020-08-07 11:00	0.73	<1		<2	14	<1		0.1
Grab sample	RMD-203	23260 Westminster Hwy.	2020-08-13 11:00	0.73	<1		<2	14	<1		0.1
Grab sample	RMD-267	17240 Fedoruk	2020-07-24 10:00	0.71	<1		<2	14	<1		0.1
Grab sample	RMD-252	9751 Pendleton Rd.	2020-08-24 13:00	0.68	<1		<2	15	<1		0.1
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-08-12 14:55	0.72	<1		<2	15	<1		0.1
Grab sample	RMD-276	22271 Cochrane Drive	2020-08-13 10:30	0.74	<1		<2	15	<1		0.1
Grab sample	RMD-274	10920 Springwood Court	2020-06-22 13:15	0.81	<1		<2	17	<1		0.1
Grab sample	RMD-266	9380 General Currie Rd.	2020-12-29 09:55	0.88	<1		NA	5	<1		0.1
Grab sample	RMD-276	22271 Cochrane Drive	2020-12-23 10:30	0.76	<1		NA	5	<1		0.1
Grab sample	RMD-253	11051 No 3 Rd.	2020-12-29 13:30	0.8	<1		NA	6	<1		0.1
Grab sample	RMD-254	5300 No. 3 Rd.	2020-12-29 14:25	0.71	<1		NA	6	<1		0.1
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-12-29 14:40	0.75	<1		NA	6	<1		0.1
Grab sample	RMD-261	9911 Sidaway Rd.	2020-12-22 09:15	0.69	<1		NA	6	<1		0.1
Grab sample	RMD-266	9380 General Currie Rd.	2020-12-22 10:00	0.74	<1		NA	6	<1		0.1
Grab sample	RMD-269	14951 Triangle Rd.	2020-12-29 13:50	0.68	<1		NA	6	<1		0.1
Grab sample	RMD-270	8200 Jones Rd.	2020-12-29 14:10	0.83	<1		NA	6	<1		0.1
Grab sample	RMD-272	751 Catalina Cres.	2020-12-29 15:25	0.91	<1		NA	6	<1		0.1
Grab sample	RMD-214	11720 Westminster Hwy.	2020-12-30 09:40	0.85	<1		NA	7	<1		0.1
Grab sample	RMD-252	9751 Pendleton Rd.	2020-12-29 13:00	0.69	<1		NA	7	<1		0.1
Grab sample	RMD-267	17240 Fedoruk	2020-12-30 09:55	0.69	<1		NA	7	<1		0.1
Grab sample	RMD-280	11500 McKenzie Rd.	2020-12-30 08:15	0.76	<1		NA	7	<1		0.1
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-12-30 08:30	0.78	<1		NA	8	<1		0.1
Grab sample	RMD-251	5951 McCallan Rd.	2020-01-06 12:30	0.8	<1		2	5	<1		0.11
Grab sample	RMD-264	13100 Mitchell Rd.	2020-12-16 12:45	0.69	<1		2	6	<1		0.11
Grab sample	RMD-254	5300 No. 3 Rd.	2020-04-06 14:30	0.99	<1		2	7	<1		0.11
Grab sample	RMD-208	13200 No. 4 Rd.	2020-04-23 08:45	0.91	<1		2	8	<1		0.11
Grab sample	RMD-202	1500 Valemont Way	2020-11-19 10:35	0.63	<1		2	10	<1		0.11
Grab sample	RMD-204	3180 Granville Ave.	2020-10-30 07:30	0.78	<1		2	11	<1		0.11
Grab sample	RMD-270	8200 Jones Rd.	2020-06-22 14:15	0.91	<1		2	11	<1		0.11
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-07-13 14:45	0.75	<1		2	12	<1		0.11
Grab sample	RMD-260	11111 Horseshoe Way	2020-06-10 14:25	1.02	<1		2	12	<1		0.11
Grab sample	RMD-253	11051 No 3 Rd.	2020-09-28 13:30	0.73	<1		2	15	<1		0.11
Grab sample	RMD-205	13851 Steveston Hwy.	2020-02-13 09:00	0.69	<1		4	6	<1		0.11
Grab sample	RMD-264	13100 Mitchell Rd.	2020-06-10 12:45	1.04	<1		4	12	<1		0.11
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-01-22 13:50	0.63	<1		6	5	<1		0.11
Grab sample	RMD-263	12560 Cambie Rd.	2020-05-27 12:30	0.93	<1		6	9	<1		0.11
Grab sample	RMD-204	3180 Granville Ave.	2020-08-07 07:30	0.74	<1		6	17	<1		0.11
Grab sample	RMD-267	17240 Fedoruk	2020-01-10 10:00	0.73	<1		38	5	<1		0.11
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-08-13 10:15	0.72	<1		100	15	<1		0.11
Grab sample	RMD-206	4251 Moncton St.	2020-02-21 07:45	0.64	<1		<2	4	<1		0.11
Grab sample	RMD-257	6640 Blundell Rd.	2020-02-19 15:45	0.64	<1		<2	4	<1		0.11
Grab sample	RMD-263	12560 Cambie Rd.	2020-03-19 12:30	0.79	<1		<2	4	<1		0.11
Grab sample	RMD-267	17240 Fedoruk	2020-02-21 10:00	0.67	<1		<2	4	<1		0.11
Grab sample	RMD-202	1500 Valemont Way	2020-01-16 09:20	0.71	<1		<2	5	<1		0.11
Grab sample	RMD-203	23260 Westminster Hwy.	2020-02-13 11:00	0.82	<1		<2	5	<1		0.11
Grab sample	RMD-203	23260 Westminster Hwy.	2020-03-12 10:55	0.61	<1		<2	5	<1		0.11

Sample type	Sample Name	Sample Description	Sampled date	Chlorine Free (mg/L)	Turbid (CFU/100mLs)	Turbid (MPN/100mLs)	PH (pH)	Temperature (°C)	Total Coliform (CFU/100mLs)	Total Coliform (MPN/100mLs)	Turbidity (NTU)
Grab sample	RMD-205	13851 Steveston Hwy.	2020-01-16 09:00	0.68	<1		<2	5	<1		0.11
Grab sample	RMD-208	13200 No. 4 Rd.	2020-02-13 08:45	0.95	<1		<2	5	<1		0.11
Grab sample	RMD-208	13200 No. 4 Rd.	2020-04-03 08:45	0.78	<1		<2	5	<1		0.11
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-04-03 08:30	0.73	<1		<2	5	<1		0.11
Grab sample	RMD-214	11720 Westminster Hwy.	2020-03-12 09:40	0.93	<1		<2	5	<1		0.11
Grab sample	RMD-214	11720 Westminster Hwy.	2020-04-03 09:45	0.89	<1		<2	5	<1		0.11
Grab sample	RMD-251	5951 McCallan Rd.	2020-03-02 12:30	0.74	<1		<2	5	<1		0.11
Grab sample	RMD-253	11051 No 3 Rd.	2020-03-16 13:30	0.69	<1		<2	5	<1		0.11
Grab sample	RMD-259	10020 Amethyst Ave.	2020-01-15 14:40	0.76	<1		<2	5	<1		0.11
Grab sample	RMD-261	9911 Sidaway Rd.	2020-03-12 14:05	0.8	<1		<2	5	<1		0.11
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-03-19 13:15	0.79	<1		<2	5	<1		0.11
Grab sample	RMD-266	9380 General Currie Rd.	2020-03-12 14:55	0.73	<1		<2	5	<1		0.11
Grab sample	RMD-266	9380 General Currie Rd.	2020-03-19 14:55	0.82	<1		<2	5	<1		0.11
Grab sample	RMD-266	9380 General Currie Rd.	2020-12-16 15:00	0.77	<1		<2	5	<1		0.11
Grab sample	RMD-267	17240 Fedoruk	2020-04-03 10:00	0.77	<1		<2	5	<1		0.11
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-03-19 15:15	0.81	<1		<2	5	<1		0.11
Grab sample	RMD-274	10920 Springwood Court	2020-02-10 13:15	0.78	<1		<2	5	<1		0.11
Grab sample	RMD-276	22271 Cochrane Drive	2020-03-26 10:30	0.61	<1		<2	5	<1		0.11
Grab sample	RMD-276	22271 Cochrane Drive	2020-04-03 10:30	0.8	<1		<2	5	<1		0.11
Grab sample	RMD-277	Opp. 11280 Twig Place	2020-01-08 13:00	0.97	<1		<2	5	<1		0.11
Grab sample	RMD-278	6651 Fraserwood Place	2020-01-08 13:30	0.92	<1		<2	5	<1		0.11
Grab sample	RMD-279	Opp. 20371 Westminister Hwy.	2020-01-08 13:45	0.88	<1		<2	5	<1		0.11
Grab sample	RMD-204	3180 Granville Ave.	2020-01-02 07:30	0.8	<1		<2	6	<1		0.11
Grab sample	RMD-204	3180 Granville Ave.	2020-03-12 07:30	0.57	<1		<2	6	<1		0.11
Grab sample	RMD-205	13851 Steveston Hwy.	2020-03-12 09:00	0.67	<1		<2	6	<1		0.11
Grab sample	RMD-205	13851 Steveston Hwy.	2020-12-11 09:00	0.7	<1		<2	6	<1		0.11
Grab sample	RMD-251	5951 McCallan Rd.	2020-03-30 12:30	1.05	<1		<2	6	<1		0.11
Grab sample	RMD-253	11051 No 3 Rd.	2020-04-06 13:35	0.81	<1		<2	6	<1		0.11
Grab sample	RMD-261	9911 Sidaway Rd.	2020-12-09 14:05	0.68	<1		<2	6	<1		0.11
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-04-07 08:20	0.73	<1		<2	6	<1		0.11
Grab sample	RMD-263	12560 Cambie Rd.	2020-04-07 07:30	0.87	<1		<2	6	<1		0.11
Grab sample	RMD-267	17240 Fedoruk	2020-01-30 10:00	0.58	<1		<2	6	<1		0.11
Grab sample	RMD-267	17240 Fedoruk	2020-02-13 10:00	0.64	<1		<2	6	<1		0.11
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-04-01 15:15	0.76	<1		<2	6	<1		0.11
Grab sample	RMD-269	14951 Triangle Rd.	2020-03-16 13:50	0.66	<1		<2	6	<1		0.11
Grab sample	RMD-271	3800 Cessna Drive	2020-04-06 15:20	0.97	<1		<2	6	<1		0.11
Grab sample	RMD-274	10920 Springwood Court	2020-02-03 13:15	0.7	<1		<2	6	<1		0.11
Grab sample	RMD-274	10920 Springwood Court	2020-04-06 13:15	0.83	<1		<2	6	<1		0.11
Grab sample	RMD-276	22271 Cochrane Drive	2020-01-02 10:30	0.76	<1		<2	6	<1		0.11
Grab sample	RMD-276	22271 Cochrane Drive	2020-01-30 10:30	0.59	<1		<2	6	<1		0.11
Grab sample	RMD-276	22271 Cochrane Drive	2020-12-17 10:30	0.93	<1		<2	6	<1		0.11
Grab sample	RMD-202	1500 Valemont Way	2020-12-17 09:25	0.74	<1		<2	7	<1		0.11
Grab sample	RMD-203	23260 Westminister Hwy.	2020-04-17 11:00	0.67	<1		<2	7	<1		0.11
Grab sample	RMD-204	3180 Granville Ave.	2020-04-08 07:30	1.04	<1		<2	7	<1		0.11
Grab sample	RMD-206	4251 Moncton St.	2020-04-08 07:45	0.75	<1		<2	7	<1		0.11
Grab sample	RMD-208	13200 No. 4 Rd.	2020-01-02 08:45	0.85	<1		<2	7	<1		0.11
Grab sample	RMD-250	6071 Azure Rd.	2020-12-07 15:45	0.79	<1		<2	7	<1		0.11
Grab sample	RMD-252	9751 Pendleton Rd.	2020-12-07 13:00	0.73	<1		<2	7	<1		0.11
Grab sample	RMD-253	11051 No 3 Rd.	2020-12-07 13:30	0.84	<1		<2	7	<1		0.11
Grab sample	RMD-257	6640 Blundell Rd.	2020-04-07 11:00	0.88	<1		<2	7	<1		0.11
Grab sample	RMD-270	8200 Jones Rd.	2020-12-07 14:10	0.78	<1		<2	7	<1		0.11
Grab sample	RMD-271	3800 Cessna Drive	2020-12-07 15:10	0.84	<1		<2	7	<1		0.11
Grab sample	RMD-272	751 Catalina Cres.	2020-04-06 15:35	0.87	<1		<2	7	<1		0.11
Grab sample	RMD-280	11500 McKenzie Rd.	2020-12-11 08:15	0.61	<1		<2	7	<1		0.11
Grab sample	RMD-203	23260 Westminister Hwy.	2020-11-19 11:55	0.88	<1		<2	8	<1		0.11
Grab sample	RMD-206	4251 Moncton St.	2020-05-01 07:45	0.79	<1		<2	8	<1		0.11
Grab sample	RMD-208	13200 No. 4 Rd.	2020-05-01 08:45	0.99	<1		<2	8	<1		0.11
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-04-08 08:30	0.81	<1		<2	8	<1		0.11
Grab sample	RMD-216	11080 No. 2 Rd.	2020-04-08 08:00	0.79	<1		<2	8	<1		0.11
Grab sample	RMD-254	5300 No. 3 Rd.	2020-12-14 14:20	0.69	<1		<2	8	<1		0.11
Grab sample	RMD-267	17240 Fedoruk	2020-04-08 09:55	0.72	<1		<2	8	<1		0.11
Grab sample	RMD-271	3800 Cessna Drive	2020-05-04 15:15	0.86	<1		<2	8	<1		0.11
Grab sample	RMD-272	751 Catalina Cres.	2020-12-14 15:25	0.86	<1		<2	8	<1		0.11
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-12-14 12:45	0.64	<1		<2	8	<1		0.11
Grab sample	RMD-276	22271 Cochrane Drive	2020-11-13 10:30	0.84	<1		<2	8	<1		0.11
Grab sample	RMD-203	23260 Westminister Hwy.	2020-05-01 11:00	0.7	<1		<2	9	<1		0.11
Grab sample	RMD-204	3180 Granville Ave.	2020-11-13 07:30	0.73	<1		<2	9	<1		0.11
Grab sample	RMD-214	11720 Westminister Hwy.	2020-06-04 09:45	0.99	<1		<2	9	<1		0.11
Grab sample	RMD-250	6071 Azure Rd.	2020-05-04 15:45	0.91	<1		<2	9	<1		0.11
Grab sample	RMD-250	6071 Azure Rd.	2020-11-23 15:40	0.74	<1		<2	9	<1		0.11
Grab sample	RMD-253	11051 No 3 Rd.	2020-04-27 13:30	0.76	<1		<2	9	<1		0.11
Grab sample	RMD-260	11111 Horseshoe Way	2020-11-18 14:20	0.8	<1		<2	9	<1		0.11
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-11-10 10:15	0.69	<1		<2	9	<1		0.11
Grab sample	RMD-263	12560 Cambie Rd.	2020-11-18 12:30	0.7	<1		<2	9	<1		0.11
Grab sample	RMD-267	17240 Fedoruk	2020-11-13 10:00	0.79	<1		<2	9	<1		0.11
Grab sample	RMD-272	751 Catalina Cres.	2020-05-25 15:25	1.11	<1		<2	9	<1		0.11
Grab sample	RMD-202	1500 Valemont Way	2020-10-30 09:25	0.65	<1		<2	10	<1		0.11
Grab sample	RMD-204	3180 Granville Ave.	2020-05-01 07:30	1.01	<1		<2	10	<1		0.11

CNCL – 201

Sample type	Sample Name	Sample Description	Sampled date	Coliform Free (mg/L)	Total Coliform (CFU/100mL)	Fecal Coliform (MPN/100mL)	MPN (mpn/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Fecal Coliform (mpn/100mL)	Turbidity (NTU)
Grab sample	RMD-272	751 Catalina Cres.	2020-10-13 15:25	0.89	<1		2	13	<1		0.12
Grab sample	RMD-203	23260 Westminster Hwy.	2020-09-18 11:00	0.7	<1		2	14	<1		0.12
Grab sample	RMD-203	23260 Westminster Hwy.	2020-10-16 10:55	0.63	<1		2	14	<1		0.12
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-08-07 10:15	0.7	<1		2	14	<1		0.12
Grab sample	RMD-271	3800 Cessna Drive	2020-09-21 15:15	0.94	<1		2	14	<1		0.12
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-09-14 12:45	0.61	<1		2	17	<1		0.12
Grab sample	RMD-204	3180 Granville Ave.	2020-11-05 07:30	0.74	<1		4	11	<1		0.12
Grab sample	RMD-270	8200 Jones Rd.	2020-08-24 14:15	0.78	<1		4	16	<1		0.12
Grab sample	RMD-267	17240 Fedoruk	2020-09-24 10:00	0.66	<1		4	17	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-08-26 15:15	0.78	<1		6	14	<1		0.12
Grab sample	RMD-274	10920 Springwood Court	2020-09-14 13:15	0.57	<1		6	16	<1		0.12
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-01-29 13:40	0.66	<1		8	6	<1		0.12
Grab sample	RMD-208	13200 No. 4 Rd.	2020-02-21 08:50	0.89	<1		<2	4	<1		0.12
Grab sample	RMD-216	11080 No. 2 Rd.	2020-02-21 08:00	0.67	<1		<2	4	<1		0.12
Grab sample	RMD-216	11080 No. 2 Rd.	2020-02-26 08:00	0.73	<1		<2	4	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-03-04 14:40	0.79	<1		<2	4	<1		0.12
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-02-25 13:15	0.65	<1		<2	4	<1		0.12
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-03-12 13:15	0.83	<1		<2	4	<1		0.12
Grab sample	RMD-275	5180 Smith Cres.	2020-02-21 10:45	0.66	<1		<2	4	<1		0.12
Grab sample	RMD-276	22271 Cochrane Drive	2020-02-21 10:30	0.61	<1		<2	4	<1		0.12
Grab sample	RMD-278	6651 Fraserwood Place	2020-02-25 13:35	0.73	<1		<2	4	<1		0.12
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-02-25 13:50	0.61	<1		<2	4	<1		0.12
Grab sample	RMD-280	11500 McKenzie Rd.	2020-02-21 08:15	0.83	<1		<2	4	<1		0.12
Grab sample	RMD-203	23260 Westminster Hwy.	2020-03-20 11:00	0.7	<1		<2	5	<1		0.12
Grab sample	RMD-204	3180 Granville Ave.	2020-02-13 07:30	0.75	<1		<2	5	<1		0.12
Grab sample	RMD-206	4251 Moncton St.	2020-02-13 07:45	0.74	<1		<2	5	<1		0.12
Grab sample	RMD-206	4251 Moncton St.	2020-03-12 07:45	0.75	<1		<2	5	<1		0.12
Grab sample	RMD-208	13200 No. 4 Rd.	2020-03-26 08:45	0.77	<1		<2	5	<1		0.12
Grab sample	RMD-214	11720 Westminster Hwy.	2020-02-13 09:45	0.84	<1		<2	5	<1		0.12
Grab sample	RMD-214	11720 Westminster Hwy.	2020-03-26 09:45	1.02	<1		<2	5	<1		0.12
Grab sample	RMD-216	11080 No. 2 Rd.	2020-01-02 08:00	0.78	<1		<2	5	<1		0.12
Grab sample	RMD-251	5951 McCallan Rd.	2020-02-03 12:30	1.01	<1		<2	5	<1		0.12
Grab sample	RMD-251	5951 McCallan Rd.	2020-04-06 12:30	0.88	<1		<2	5	<1		0.12
Grab sample	RMD-253	11051 No 3 Rd.	2020-03-02 13:30	0.76	<1		<2	5	<1		0.12
Grab sample	RMD-254	5300 No. 3 Rd.	2020-02-03 14:20	1.1	<1		<2	5	<1		0.12
Grab sample	RMD-254	5300 No. 3 Rd.	2020-03-02 14:30	0.83	<1		<2	5	<1		0.12
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-01-06 14:45	0.69	<1		<2	5	<1		0.12
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-03-09 14:45	0.64	<1		<2	5	<1		0.12
Grab sample	RMD-257	6640 Blundell Rd.	2020-03-19 15:45	0.64	<1		<2	5	<1		0.12
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-03-04 15:30	0.75	<1		<2	5	<1		0.12
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-03-19 15:30	0.75	<1		<2	5	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-02-12 14:35	0.8	<1		<2	5	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-02-12 14:20	0.57	<1		<2	5	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-02-19 14:25	0.63	<1		<2	5	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-02-25 14:25	0.56	<1		<2	5	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-01-15 14:10	0.85	<1		<2	5	<1		0.12
Grab sample	RMD-263	12560 Cambie Rd.	2020-01-08 12:30	0.84	<1		<2	5	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-01-08 15:00	0.8	<1		<2	5	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-01-22 15:10	0.71	<1		<2	5	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-03-12 15:15	0.76	<1		<2	5	<1		0.12
Grab sample	RMD-270	8200 Jones Rd.	2020-03-09 14:10	0.72	<1		<2	5	<1		0.12
Grab sample	RMD-274	10920 Springwood Court	2020-03-02 13:00	0.79	<1		<2	5	<1		0.12
Grab sample	RMD-275	5180 Smith Cres.	2020-04-03 10:45	0.75	<1		<2	5	<1		0.12
Grab sample	RMD-280	11500 McKenzie Rd.	2020-03-06 08:15	0.92	<1		<2	5	<1		0.12
Grab sample	RMD-204	3180 Granville Ave.	2020-12-17 07:30	0.76	<1		<2	6	<1		0.12
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-01-02 10:15	0.86	<1		<2	6	<1		0.12
Grab sample	RMD-250	6071 Azure Rd.	2020-01-06 15:45	0.83	<1		<2	6	<1		0.12
Grab sample	RMD-250	6071 Azure Rd.	2020-03-30 15:45	0.82	<1		<2	6	<1		0.12
Grab sample	RMD-252	9751 Pendleton Rd.	2020-01-06 13:00	0.75	<1		<2	6	<1		0.12
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-02-03 14:40	0.9	<1		<2	6	<1		0.12
Grab sample	RMD-257	6640 Blundell Rd.	2020-02-12 15:45	0.82	<1		<2	6	<1		0.12
Grab sample	RMD-257	6640 Blundell Rd.	2020-04-01 15:45	0.75	<1		<2	6	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-01-22 14:25	0.72	<1		<2	6	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-04-01 14:20	0.86	<1		<2	6	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-12-16 14:25	0.63	<1		<2	6	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-04-15 14:05	0.93	<1		<2	6	<1		0.12
Grab sample	RMD-266	9380 General Currie Rd.	2020-04-01 14:55	0.81	<1		<2	6	<1		0.12
Grab sample	RMD-267	17240 Fedoruk	2020-01-02 10:00	0.71	<1		<2	6	<1		0.12
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-03-16 12:45	0.68	<1		<2	6	<1		0.12
Grab sample	RMD-275	5180 Smith Cres.	2020-03-12 10:40	0.89	<1		<2	6	<1		0.12
Grab sample	RMD-276	22271 Cochrane Drive	2020-01-24 10:25	0.73	<1		<2	6	<1		0.12
Grab sample	RMD-276	22271 Cochrane Drive	2020-03-12 10:25	0.65	<1		<2	6	<1		0.12
Grab sample	RMD-278	6651 Fraserwood Place	2020-01-29 13:25	0.66	<1		<2	6	<1		0.12
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-04-01 13:45	0.75	<1		<2	6	<1		0.12
Grab sample	RMD-203	23260 Westminster Hwy.	2020-12-11 11:00	0.77	<1		<2	7	<1		0.12
Grab sample	RMD-204	3180 Granville Ave.	2020-12-11 07:30	0.82	<1		<2	7	<1		0.12
Grab sample	RMD-206	4251 Moncton St.	2020-12-11 07:45	0.62	<1		<2	7	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-12-11 08:30	0.67	<1		<2	7	<1		0.12

CNCL – 203

Sample Type	Sample Name	Sample Description	Sample Date	Chlorine Free (mg/L)	Total Coliform (CFU/100mL)	Fecal Coliform (MPN/100mL)	MPN (MPN/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Fecal Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-214	11720 Westminster Hwy.	2020-04-08 09:40	0.92	<1		<2	7	<1		0.12
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-01-10 10:15	0.8	<1		<2	7	<1		0.12
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-12-11 10:15	0.51	<1		<2	7	<1		0.12
Grab sample	RMD-253	11051 No 3 Rd.	2020-04-14 13:30	0.84	<1		<2	7	<1		0.12
Grab sample	RMD-254	5300 No. 3 Rd.	2020-12-07 14:25	0.72	<1		<2	7	<1		0.12
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-04-06 14:50	0.7	<1		<2	7	<1		0.12
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-12-07 14:40	0.79	<1		<2	7	<1		0.12
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-12-14 14:40	0.7	<1		<2	7	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-04-07 09:45	0.88	<1		<2	7	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-04-07 10:30	0.88	<1		<2	7	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-04-15 15:15	0.88	<1		<2	7	<1		0.12
Grab sample	RMD-274	10920 Springwood Court	2020-03-16 13:15	0.8	<1		<2	7	<1		0.12
Grab sample	RMD-275	5180 Smith Cres.	2020-04-17 10:45	0.68	<1		<2	7	<1		0.12
Grab sample	RMD-205	13851 Steveston Hwy.	2020-04-08 09:00	0.79	<1		<2	8	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-05-01 08:30	0.92	<1		<2	8	<1		0.12
Grab sample	RMD-214	11720 Westminster Hwy.	2020-05-07 09:40	0.77	<1		<2	8	<1		0.12
Grab sample	RMD-214	11720 Westminster Hwy.	2020-11-13 09:45	0.78	<1		<2	8	<1		0.12
Grab sample	RMD-214	11720 Westminster Hwy.	2020-11-19 10:15	0.84	<1		<2	8	<1		0.12
Grab sample	RMD-251	5951 McCallan Rd.	2020-11-23 12:30	0.74	<1		<2	8	<1		0.12
Grab sample	RMD-257	6640 Blundell Rd.	2020-04-29 15:45	0.82	<1		<2	8	<1		0.12
Grab sample	RMD-257	6640 Blundell Rd.	2020-05-20 15:45	0.86	<1		<2	8	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-04-29 14:40	0.8	<1		<2	8	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-05-20 14:25	0.82	<1		<2	8	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-11-10 09:45	0.77	<1		<2	8	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-04-29 14:05	0.77	<1		<2	8	<1		0.12
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-05-20 13:20	0.83	<1		<2	8	<1		0.12
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-12-02 08:45	0.64	<1		<2	8	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-05-20 15:15	0.81	<1		<2	8	<1		0.12
Grab sample	RMD-275	5180 Smith Cres.	2020-05-01 10:45	0.67	<1		<2	8	<1		0.12
Grab sample	RMD-280	11500 McKenzie Rd.	2020-03-12 08:15	0.69	<1		<2	8	<1		0.12
Grab sample	RMD-202	1500 Valemont Way	2020-05-15 09:25	0.8	<1		<2	9	<1		0.12
Grab sample	RMD-204	3180 Granville Ave.	2020-11-19 08:30	0.6	<1		<2	9	<1		0.12
Grab sample	RMD-206	4251 Moncton St.	2020-05-07 07:45	0.81	<1		<2	9	<1		0.12
Grab sample	RMD-206	4251 Moncton St.	2020-05-15 07:45	0.93	<1		<2	9	<1		0.12
Grab sample	RMD-208	13200 No. 4 Rd.	2020-05-07 08:45	1.09	<1		<2	9	<1		0.12
Grab sample	RMD-216	11080 No. 2 Rd.	2020-11-19 09:00	0.95	<1		<2	9	<1		0.12
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-04-23 10:10	0.63	<1		<2	9	<1		0.12
Grab sample	RMD-251	5951 McCallan Rd.	2020-05-04 12:30	0.98	<1		<2	9	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-05-06 14:40	0.84	<1		<2	9	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-11-18 14:40	0.69	<1		<2	9	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-05-06 14:10	0.67	<1		<2	9	<1		0.12
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-04-22 13:15	0.52	<1		<2	9	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-11-10 09:15	0.75	<1		<2	9	<1		0.12
Grab sample	RMD-271	3800 Cessna Drive	2020-05-25 15:10	1.04	<1		<2	9	<1		0.12
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-11-10 10:30	1.01	<1		<2	9	<1		0.12
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-05-06 13:50	0.81	<1		<2	9	<1		0.12
Grab sample	RMD-280	11500 McKenzie Rd.	2020-05-01 08:15	0.84	<1		<2	9	<1		0.12
Grab sample	RMD-204	3180 Granville Ave.	2020-04-23 07:30	0.51	<1		<2	10	<1		0.12
Grab sample	RMD-206	4251 Moncton St.	2020-06-04 07:45	1.05	<1		<2	10	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-05-07 08:30	0.79	<1		<2	10	<1		0.12
Grab sample	RMD-252	9751 Pendleton Rd.	2020-11-23 13:00	0.73	<1		<2	10	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-10-28 14:25	0.77	<1		<2	10	<1		0.12
Grab sample	RMD-266	9380 General Currie Rd.	2020-10-28 14:55	0.78	<1		<2	10	<1		0.12
Grab sample	RMD-269	14951 Triangle Rd.	2020-05-11 13:50	0.71	<1		<2	10	<1		0.12
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-04-27 12:45	0.74	<1		<2	10	<1		0.12
Grab sample	RMD-205	13851 Steveston Hwy.	2020-06-12 09:00	0.86	<1		<2	11	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-07-10 08:30	0.85	<1		<2	11	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-10-30 08:30	0.71	<1		<2	11	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-11-05 08:30	0.71	<1		<2	11	<1		0.12
Grab sample	RMD-216	11080 No. 2 Rd.	2020-07-10 08:00	1	<1		<2	11	<1		0.12
Grab sample	RMD-252	9751 Pendleton Rd.	2020-06-22 13:00	0.84	<1		<2	11	<1		0.12
Grab sample	RMD-257	6640 Blundell Rd.	2020-06-10 15:45	0.93	<1		<2	11	<1		0.12
Grab sample	RMD-257	6640 Blundell Rd.	2020-06-17 15:45	0.93	<1		<2	11	<1		0.12
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-06-30 07:45	0.91	<1		<2	11	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-06-03 14:40	0.98	<1		<2	11	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-06-10 14:10	0.79	<1		<2	11	<1		0.12
Grab sample	RMD-263	12560 Cambie Rd.	2020-06-30 09:30	0.95	<1		<2	11	<1		0.12
Grab sample	RMD-264	13100 Mitchell Rd.	2020-07-22 12:45	0.67	<1		<2	11	<1		0.12
Grab sample	RMD-266	9380 General Currie Rd.	2020-07-08 14:55	0.93	<1		<2	11	<1		0.12
Grab sample	RMD-276	22271 Cochrane Drive	2020-06-04 10:30	0.9	<1		<2	11	<1		0.12
Grab sample	RMD-280	11500 McKenzie Rd.	2020-11-05 08:15	0.7	<1		<2	11	<1		0.12
Grab sample	RMD-202	1500 Valemont Way	2020-06-04 09:25	0.97	<1		<2	12	<1		0.12
Grab sample	RMD-208	13200 No. 4 Rd.	2020-07-24 08:45	1.05	<1		<2	12	<1		0.12
Grab sample	RMD-252	9751 Pendleton Rd.	2020-07-20 13:00	0.7	<1		<2	12	<1		0.12
Grab sample	RMD-252	9751 Pendleton Rd.	2020-07-27 13:00	0.76	<1		<2	12	<1		0.12
Grab sample	RMD-254	5300 No. 3 Rd.	2020-11-02 14:20	0.88	<1		<2	12	<1		0.12
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-06-08 14:45	0.93	<1		<2	12	<1		0.12
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-10-28 15:25	0.63	<1		<2	12	<1		0.12

Sample type	Sample Name	Sample Description	Sampling date	Total Solids (mg/L)	Total Coliform (CFU/100mL)	Total MPN/100mL	FEC (CFU/mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-266	9380 General Currie Rd.	2020-06-30 08:45	0.97	<1		<2	12	<1		0.12
Grab sample	RMD-267	17240 Fedoruk	2020-06-04 10:00	1.05	<1		<2	12	<1		0.12
Grab sample	RMD-267	17240 Fedoruk	2020-10-30 10:00	0.75	<1		<2	12	<1		0.12
Grab sample	RMD-271	3800 Cessna Drive	2020-06-15 15:10	0.99	<1		<2	12	<1		0.12
Grab sample	RMD-202	1500 Valemont Way	2020-10-16 09:35	0.59	<1		<2	13	<1		0.12
Grab sample	RMD-202	1500 Valemont Way	2020-10-26 13:40	0.5	<1		<2	13	<1		0.12
Grab sample	RMD-216	11080 No. 2 Rd.	2020-08-27 08:00	0.69	<1		<2	13	<1		0.12
Grab sample	RMD-250	6071 Azure Rd.	2020-07-20 15:45	0.73	<1		<2	13	<1		0.12
Grab sample	RMD-260	11111 Horseshoe Way	2020-08-12 13:55	0.79	<1		<2	13	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-08-12 13:40	0.76	<1		<2	13	<1		0.12
Grab sample	RMD-266	9380 General Currie Rd.	2020-06-10 14:55	0.99	<1		<2	13	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-08-12 14:40	0.75	<1		<2	13	<1		0.12
Grab sample	RMD-269	14951 Triangle Rd.	2020-07-27 13:50	0.64	<1		<2	13	<1		0.12
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-06-30 10:00	0.81	<1		<2	13	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-08-21 08:30	0.76	<1		<2	14	<1		0.12
Grab sample	RMD-252	9751 Pendleton Rd.	2020-09-21 13:00	0.73	<1		<2	14	<1		0.12
Grab sample	RMD-254	5300 No. 3 Rd.	2020-09-21 14:30	0.74	<1		<2	14	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-08-12 14:10	0.84	<1		<2	14	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-10-14 15:10	0.64	<1		<2	14	<1		0.12
Grab sample	RMD-269	14951 Triangle Rd.	2020-07-13 13:55	0.67	<1		<2	14	<1		0.12
Grab sample	RMD-276	22271 Cochrane Drive	2020-09-24 10:30	0.75	<1		<2	14	<1		0.12
Grab sample	RMD-278	6651 Fraserwood Place	2020-08-12 13:05	0.68	<1		<2	14	<1		0.12
Grab sample	RMD-205	13851 Steveston Hwy.	2020-09-24 09:00	0.78	<1		<2	15	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-08-07 08:30	0.67	<1		<2	15	<1		0.12
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-10-16 10:10	0.59	<1		<2	15	<1		0.12
Grab sample	RMD-250	6071 Azure Rd.	2020-09-28 15:45	0.75	<1		<2	15	<1		0.12
Grab sample	RMD-252	9751 Pendleton Rd.	2020-09-14 13:00	0.53	<1		<2	15	<1		0.12
Grab sample	RMD-254	5300 No. 3 Rd.	2020-08-10 14:30	0.68	<1		<2	15	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-09-02 14:05	0.6	<1		<2	15	<1		0.12
Grab sample	RMD-264	13100 Mitchell Rd.	2020-09-09 08:00	0.62	<1		<2	15	<1		0.12
Grab sample	RMD-267	17240 Fedoruk	2020-10-02 10:00	0.6	<1		<2	15	<1		0.12
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-09-09 10:05	0.87	<1		<2	15	<1		0.12
Grab sample	RMD-269	14951 Triangle Rd.	2020-09-14 13:50	0.62	<1		<2	15	<1		0.12
Grab sample	RMD-271	3800 Cessna Drive	2020-09-28 15:15	1.01	<1		<2	15	<1		0.12
Grab sample	RMD-275	5180 Smith Cres.	2020-08-27 10:45	0.61	<1		<2	15	<1		0.12
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-09-09 07:45	1.1	<1		<2	17	<1		0.12
Grab sample	RMD-275	5180 Smith Cres.	2020-01-10 10:45	1	<1		LA [contamination, clustered colonies. c]	5	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-12-23 08:30	0.76	<1		NA	4	<1		0.12
Grab sample	RMD-208	13200 No. 4 Rd.	2020-12-23 08:50	0.76	<1		NA	5	<1		0.12
Grab sample	RMD-261	9911 Sidaway Rd.	2020-12-29 09:10	0.79	<1		NA	5	<1		0.12
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-12-29 08:20	0.73	<1		NA	5	<1		0.12
Grab sample	RMD-263	12560 Cambie Rd.	2020-12-22 07:30	0.57	<1		NA	5	<1		0.12
Grab sample	RMD-203	23260 Westminster Hwy.	2020-12-30 11:00	0.67	<1		NA	6	<1		0.12
Grab sample	RMD-259	10020 Amethyst Ave.	2020-12-22 09:45	0.74	<1		NA	6	<1		0.12
Grab sample	RMD-263	12560 Cambie Rd.	2020-12-29 07:30	0.72	<1		NA	6	<1		0.12
Grab sample	RMD-270	8200 Jones Rd.	2020-12-21 14:05	0.75	<1		NA	6	<1		0.12
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-12-21 12:45	0.67	<1		NA	6	<1		0.12
Grab sample	RMD-204	3180 Granville Ave.	2020-12-30 07:30	0.74	<1		NA	7	<1		0.12
Grab sample	RMD-208	13200 No. 4 Rd.	2020-12-30 08:45	0.75	<1		NA	7	<1		0.12
Grab sample	RMD-276	22271 Cochrane Drive	2020-12-30 10:25	0.62	<1		NA	7	<1		0.12
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-01-10 08:35	0.69	<1		2	6	<1		0.13
Grab sample	RMD-271	3800 Cessna Drive	2020-03-30 15:15	0.99	<1		2	6	<1		0.13
Grab sample	RMD-272	751 Catalina Cres.	2020-03-30 15:30	0.84	<1		2	6	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-04-23 09:00	0.82	<1		2	10	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-10-30 09:00	0.71	<1		2	11	<1		0.13
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-06-10 13:00	0.95	<1		2	11	<1		0.13
Grab sample	RMD-250	6071 Azure Rd.	2020-10-13 15:45	0.81	<1		2	12	<1		0.13
Grab sample	RMD-271	3800 Cessna Drive	2020-06-22 15:30	0.92	<1		2	12	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-09-21 12:30	0.76	<1		2	15	<1		0.13
Grab sample	RMD-278	6651 Fraserwood Place	2020-08-26 13:35	0.73	<1		2	15	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-07-02 08:15	0.5	<1		2	15	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-09-21 13:15	0.8	<1		2	16	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-08-24 13:15	0.81	<1		2	17	<1		0.13
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-06-29 12:45	0.88	<1		2	18	<1		0.13
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-08-24 12:45	0.67	<1		2	18	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-02-03 14:05	0.88	<1		4	6	<1		0.13
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-11-25 09:30	0.73	<1		4	9	<1		0.13
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-09-02 13:15	0.67	<1		4	14	<1		0.13
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-07-24 10:15	0.68	<1		6	11	<1		0.13
Grab sample	RMD-272	751 Catalina Cres.	2020-09-21 15:30	0.79	<1		6	14	<1		0.13
Grab sample	RMD-261	9911 Sidaway Rd.	2020-09-16 14:05	0.61	<1		6	15	<1		0.13
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-09-23 15:15	0.74	<1		6	15	<1		0.13
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-08-24 14:45	0.61	<1		8	15	<1		0.13
Grab sample	RMD-278	6651 Fraserwood Place	2020-04-29 13:30	0.66	<1		28	8	<1		0.13
Grab sample	RMD-271	3800 Cessna Drive	2020-02-10 15:15	0.61	<1		80	6	<1		0.13
Grab sample	RMD-203	23260 Westminster Hwy.	2020-02-21 11:00	0.7	<1		<2	4	<1		0.13
Grab sample	RMD-204	3180 Granville Ave.	2020-02-21 07:30	0.94	<1		<2	4	<1		0.13

Sample Type	Sample Name	Sample Description	Sampled date	Chlorine Free (mg/L)	Coli (CFU/100mL)	Coli (MPN/100mL)	MPN (CFU/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-205	13851 Steveston Hwy.	2020-02-21 09:10	0.68	<1		<2	4	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-02-26 09:00	0.63	<1		<2	4	<1		0.13
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-02-21 08:30	0.61	<1		<2	4	<1		0.13
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-02-26 08:30	0.59	<1		<2	4	<1		0.13
Grab sample	RMD-214	11720 Westminster Hwy.	2020-02-21 09:45	1.01	<1		<2	4	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-01-20 12:30	0.67	<1		<2	4	<1		0.13
Grab sample	RMD-266	9380 General Currie Rd.	2020-03-04 14:55	0.87	<1		<2	4	<1		0.13
Grab sample	RMD-203	23260 Westminster Hwy.	2020-02-26 11:00	0.69	<1		<2	5	<1		0.13
Grab sample	RMD-203	23260 Westminster Hwy.	2020-03-06 11:00	1	<1		<2	5	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-03-20 09:00	0.8	<1		<2	5	<1		0.13
Grab sample	RMD-206	4251 Moncton St.	2020-03-20 07:45	0.65	<1		<2	5	<1		0.13
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-02-13 08:30	0.75	<1		<2	5	<1		0.13
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-01-16 10:10	0.65	<1		<2	5	<1		0.13
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-01-30 10:15	0.57	<1		<2	5	<1		0.13
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-02-13 10:15	0.52	<1		<2	5	<1		0.13
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-02-21 10:15	0.7	<1		<2	5	<1		0.13
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-04-03 10:15	0.71	<1		<2	5	<1		0.13
Grab sample	RMD-250	6071 Azure Rd.	2020-02-10 15:45	0.69	<1		<2	5	<1		0.13
Grab sample	RMD-250	6071 Azure Rd.	2020-03-23 15:45	0.8	<1		<2	5	<1		0.13
Grab sample	RMD-254	5300 No. 3 Rd.	2020-01-06 14:30	0.82	<1		<2	5	<1		0.13
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-01-14 15:00	0.7	<1		<2	5	<1		0.13
Grab sample	RMD-257	6640 Blundell Rd.	2020-03-04 15:45	0.77	<1		<2	5	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-03-12 15:30	0.73	<1		<2	5	<1		0.13
Grab sample	RMD-259	10020 Amethyst Ave.	2020-03-12 14:40	0.77	<1		<2	5	<1		0.13
Grab sample	RMD-259	10020 Amethyst Ave.	2020-03-19 14:40	0.81	<1		<2	5	<1		0.13
Grab sample	RMD-260	11111 Horseshoe Way	2020-03-19 14:25	0.87	<1		<2	5	<1		0.13
Grab sample	RMD-263	12560 Cambie Rd.	2020-03-12 12:30	0.88	<1		<2	5	<1		0.13
Grab sample	RMD-264	13100 Mitchell Rd.	2020-03-04 13:00	0.89	<1		<2	5	<1		0.13
Grab sample	RMD-266	9380 General Currie Rd.	2020-01-15 14:55	0.72	<1		<2	5	<1		0.13
Grab sample	RMD-266	9380 General Currie Rd.	2020-02-12 14:50	0.92	<1		<2	5	<1		0.13
Grab sample	RMD-267	17240 Fedoruk	2020-01-24 09:50	0.78	<1		<2	5	<1		0.13
Grab sample	RMD-269	14951 Triangle Rd.	2020-01-14 13:50	1.04	<1		<2	5	<1		0.13
Grab sample	RMD-269	14951 Triangle Rd.	2020-04-06 13:55	0.68	<1		<2	5	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-03-16 14:15	0.75	<1		<2	5	<1		0.13
Grab sample	RMD-271	3800 Cessna Drive	2020-03-16 15:15	0.85	<1		<2	5	<1		0.13
Grab sample	RMD-272	751 Catalina Cres.	2020-03-16 15:30	0.89	<1		<2	5	<1		0.13
Grab sample	RMD-275	5180 Smith Cres.	2020-01-16 10:45	0.63	<1		<2	5	<1		0.13
Grab sample	RMD-275	5180 Smith Cres.	2020-02-13 10:30	0.78	<1		<2	5	<1		0.13
Grab sample	RMD-276	22271 Cochrane Drive	2020-01-10 10:30	0.91	<1		<2	5	<1		0.13
Grab sample	RMD-276	22271 Cochrane Drive	2020-02-26 10:30	0.64	<1		<2	5	<1		0.13
Grab sample	RMD-278	6651 Fraserwood Place	2020-03-04 13:30	0.77	<1		<2	5	<1		0.13
Grab sample	RMD-278	6651 Fraserwood Place	2020-03-19 13:35	0.74	<1		<2	5	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-01-16 08:15	0.73	<1		<2	5	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-02-26 08:15	0.7	<1		<2	5	<1		0.13
Grab sample	RMD-202	1500 Valermont Way	2020-01-02 09:25	0.74	<1		<2	6	<1		0.13
Grab sample	RMD-202	1500 Valermont Way	2020-03-12 09:20	0.75	<1		<2	6	<1		0.13
Grab sample	RMD-252	9751 Pendleton Rd.	2020-03-30 13:00	0.81	<1		<2	6	<1		0.13
Grab sample	RMD-257	6640 Blundell Rd.	2020-12-09 15:45	0.69	<1		<2	6	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-01-22 15:25	0.6	<1		<2	6	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-04-01 15:30	0.63	<1		<2	6	<1		0.13
Grab sample	RMD-259	10020 Amethyst Ave.	2020-01-08 14:30	0.81	<1		<2	6	<1		0.13
Grab sample	RMD-259	10020 Amethyst Ave.	2020-04-01 14:40	0.83	<1		<2	6	<1		0.13
Grab sample	RMD-261	9911 Sidaway Rd.	2020-04-01 14:05	0.82	<1		<2	6	<1		0.13
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-04-01 13:15	0.76	<1		<2	6	<1		0.13
Grab sample	RMD-263	12560 Cambie Rd.	2020-04-01 12:30	0.86	<1		<2	6	<1		0.13
Grab sample	RMD-264	13100 Mitchell Rd.	2020-12-09 13:00	0.83	<1		<2	6	<1		0.13
Grab sample	RMD-267	17240 Fedoruk	2020-03-12 09:55	0.62	<1		<2	6	<1		0.13
Grab sample	RMD-267	17240 Fedoruk	2020-03-26 10:00	0.8	<1		<2	6	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-04-06 14:15	0.84	<1		<2	6	<1		0.13
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-02-03 12:45	0.88	<1		<2	6	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-02-24 13:15	0.77	<1		<2	6	<1		0.13
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-04-07 07:50	0.91	<1		<2	6	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-01-10 08:15	0.73	<1		<2	6	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-02-13 08:15	0.72	<1		<2	6	<1		0.13
Grab sample	RMD-216	11080 No. 2 Rd.	2020-12-11 08:00	0.56	<1		<2	7	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-04-14 12:30	0.79	<1		<2	7	<1		0.13
Grab sample	RMD-252	9751 Pendleton Rd.	2020-04-14 13:00	0.73	<1		<2	7	<1		0.13
Grab sample	RMD-253	11051 No 3 Rd.	2020-03-30 13:30	0.77	<1		<2	7	<1		0.13
Grab sample	RMD-260	11111 Horseshoe Way	2020-04-07 09:30	0.95	<1		<2	7	<1		0.13
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-12-09 13:20	0.67	<1		<2	7	<1		0.13
Grab sample	RMD-263	12560 Cambie Rd.	2020-12-09 12:30	0.71	<1		<2	7	<1		0.13
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-04-07 08:55	0.64	<1		<2	7	<1		0.13
Grab sample	RMD-202	1500 Valermont Way	2020-04-08 09:20	0.75	<1		<2	8	<1		0.13
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-11-13 08:30	0.76	<1		<2	8	<1		0.13
Grab sample	RMD-216	11080 No. 2 Rd.	2020-05-01 08:00	0.94	<1		<2	8	<1		0.13
Grab sample	RMD-257	6640 Blundell Rd.	2020-04-22 15:45	0.72	<1		<2	8	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-04-29 15:30	0.83	<1		<2	8	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-05-20 15:30	0.85	<1		<2	8	<1		0.13

Sample type	Sample Name	Sample Description	Sample date	Chlorine Free (mg/L)	Total Coliform (CFU/100mL)	Fecal (MPN/100mL)	Turbidity (NTU)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-270	8200 Jones Rd.	2020-04-27 14:15	0.69	<1	<2		8	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-05-19 14:10	0.76	<1	<2		8	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-12-14 14:05	0.74	<1	<2		8	<1		0.13
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-04-22 13:45	0.65	<1	<2		8	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-04-08 08:15	0.82	<1	<2		8	<1		0.13
Grab sample	RMD-202	1500 Valemont Way	2020-05-01 09:25	0.75	<1	<2		9	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-11-13 09:00	0.78	<1	<2		9	<1		0.13
Grab sample	RMD-252	9751 Pendleton Rd.	2020-05-04 13:00	0.79	<1	<2		9	<1		0.13
Grab sample	RMD-253	11051 No 3 Rd.	2020-05-04 13:30	0.83	<1	<2		9	<1		0.13
Grab sample	RMD-253	11051 No 3 Rd.	2020-05-25 13:30	0.95	<1	<2		9	<1		0.13
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-11-23 14:40	0.66	<1	<2		9	<1		0.13
Grab sample	RMD-257	6640 Blundell Rd.	2020-05-13 15:45	0.96	<1	<2		9	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-05-27 15:30	0.88	<1	<2		9	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-11-10 09:30	0.71	<1	<2		9	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-11-18 15:30	0.7	<1	<2		9	<1		0.13
Grab sample	RMD-263	12560 Cambie Rd.	2020-06-03 12:30	0.9	<1	<2		9	<1		0.13
Grab sample	RMD-264	13100 Mitchell Rd.	2020-04-22 13:00	0.65	<1	<2		9	<1		0.13
Grab sample	RMD-264	13100 Mitchell Rd.	2020-06-03 12:45	1.06	<1	<2		9	<1		0.13
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-05-06 15:15	0.93	<1	<2		9	<1		0.13
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-05-27 15:15	0.88	<1	<2		9	<1		0.13
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-11-18 15:15	0.7	<1	<2		9	<1		0.13
Grab sample	RMD-269	14951 Triangle Rd.	2020-05-04 13:50	0.64	<1	<2		9	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-05-04 14:15	0.83	<1	<2		9	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-11-23 14:10	0.75	<1	<2		9	<1		0.13
Grab sample	RMD-272	751 Catalina Cres.	2020-05-04 15:30	0.83	<1	<2		9	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-04-27 13:15	0.76	<1	<2		9	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-11-19 09:15	0.94	<1	<2		9	<1		0.13
Grab sample	RMD-202	1500 Valemont Way	2020-05-07 09:20	0.74	<1	<2		10	<1		0.13
Grab sample	RMD-203	23260 Westminster Hwy.	2020-06-18 11:00	0.84	<1	<2		10	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-11-02 12:30	0.81	<1	<2		10	<1		0.13
Grab sample	RMD-253	11051 No 3 Rd.	2020-04-20 13:30	0.82	<1	<2		10	<1		0.13
Grab sample	RMD-253	11051 No 3 Rd.	2020-10-26 13:30	0.74	<1	<2		10	<1		0.13
Grab sample	RMD-267	17240 Fedoruk	2020-05-07 09:55	0.69	<1	<2		10	<1		0.13
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-06-17 15:15	0.92	<1	<2		10	<1		0.13
Grab sample	RMD-271	3800 Cessna Drive	2020-05-11 15:15	0.93	<1	<2		10	<1		0.13
Grab sample	RMD-203	23260 Westminster Hwy.	2020-05-21 10:55	0.73	<1	<2		11	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-05-21 09:00	0.72	<1	<2		11	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-07-10 09:00	0.83	<1	<2		11	<1		0.13
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-06-12 08:30	0.92	<1	<2		11	<1		0.13
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-07-24 08:30	0.83	<1	<2		11	<1		0.13
Grab sample	RMD-216	11080 No. 2 Rd.	2020-07-24 08:00	0.85	<1	<2		11	<1		0.13
Grab sample	RMD-250	6071 Azure Rd.	2020-11-02 15:40	0.93	<1	<2		11	<1		0.13
Grab sample	RMD-257	6640 Blundell Rd.	2020-06-24 15:45	0.88	<1	<2		11	<1		0.13
Grab sample	RMD-257	6640 Blundell Rd.	2020-10-28 15:40	0.76	<1	<2		11	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-06-10 15:30	0.91	<1	<2		11	<1		0.13
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-06-10 13:15	0.89	<1	<2		11	<1		0.13
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-07-22 13:15	0.65	<1	<2		11	<1		0.13
Grab sample	RMD-276	22271 Cochrane Drive	2020-10-30 10:30	0.76	<1	<2		11	<1		0.13
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-06-30 10:15	0.71	<1	<2		11	<1		0.13
Grab sample	RMD-202	1500 Valemont Way	2020-06-12 09:20	0.87	<1	<2		12	<1		0.13
Grab sample	RMD-204	3180 Granville Ave.	2020-06-04 07:30	1.06	<1	<2		12	<1		0.13
Grab sample	RMD-250	6071 Azure Rd.	2020-08-04 15:45	0.81	<1	<2		12	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-07-13 12:30	0.74	<1	<2		12	<1		0.13
Grab sample	RMD-252	9751 Pendleton Rd.	2020-06-08 13:00	0.86	<1	<2		12	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-07-08 15:30	0.73	<1	<2		12	<1		0.13
Grab sample	RMD-260	11111 Horseshoe Way	2020-06-17 14:20	0.97	<1	<2		12	<1		0.13
Grab sample	RMD-260	11111 Horseshoe Way	2020-06-30 08:15	1	<1	<2		12	<1		0.13
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-07-08 13:20	0.84	<1	<2		12	<1		0.13
Grab sample	RMD-264	13100 Mitchell Rd.	2020-10-21 13:00	0.67	<1	<2		12	<1		0.13
Grab sample	RMD-267	17240 Fedoruk	2020-07-10 09:55	0.63	<1	<2		12	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-11-02 14:55	0.81	<1	<2		12	<1		0.13
Grab sample	RMD-271	3800 Cessna Drive	2020-08-10 15:15	0.72	<1	<2		12	<1		0.13
Grab sample	RMD-272	751 Catalina Cres.	2020-08-04 15:25	0.81	<1	<2		12	<1		0.13
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-05-04 12:45	0.74	<1	<2		12	<1		0.13
Grab sample	RMD-205	13851 Steveston Hwy.	2020-08-07 09:00	0.75	<1	<2		13	<1		0.13
Grab sample	RMD-206	4251 Moncton St.	2020-08-21 07:45	0.68	<1	<2		13	<1		0.13
Grab sample	RMD-206	4251 Moncton St.	2020-08-27 07:45	0.7	<1	<2		13	<1		0.13
Grab sample	RMD-214	11720 Westminster Hwy.	2020-08-13 09:15	0.74	<1	<2		13	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-09-28 12:30	0.68	<1	<2		13	<1		0.13
Grab sample	RMD-252	9751 Pendleton Rd.	2020-09-28 13:00	0.69	<1	<2		13	<1		0.13
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-06-03 15:30	0.96	<1	<2		13	<1		0.13
Grab sample	RMD-264	13100 Mitchell Rd.	2020-06-30 09:45	0.75	<1	<2		13	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-06-08 13:15	0.95	<1	<2		13	<1		0.13
Grab sample	RMD-202	1500 Valemont Way	2020-08-13 09:35	0.7	<1	<2		14	<1		0.13
Grab sample	RMD-202	1500 Valemont Way	2020-10-08 09:20	0.56	<1	<2		14	<1		0.13
Grab sample	RMD-203	23260 Westminster Hwy.	2020-09-24 11:00	0.85	<1	<2		14	<1		0.13
Grab sample	RMD-203	23260 Westminster Hwy.	2020-10-08 10:55	0.65	<1	<2		14	<1		0.13
Grab sample	RMD-206	4251 Moncton St.	2020-09-24 07:45	0.79	<1	<2		14	<1		0.13

Sample Type	Sample Name	Sample Description	Sample Date	Chlorine Free (mg/L)	Ecoli (CFU/100mLs)	Ecoli (MPN/100mLs)	Salmonella (CFU/mL)	Temperature (°C)	Total Coliform (CFU/100mLs)	Total Coliform (MPN/100mLs)	Turbidity (NTU)
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-08-27 08:30	0.7	<1		<2	14	<1		0.13
Grab sample	RMD-216	11080 No. 2 Rd.	2020-08-21 08:00	0.87	<1		<2	14	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-08-31 12:30	0.76	<1		<2	14	<1		0.13
Grab sample	RMD-253	11051 No 3 Rd.	2020-07-13 13:30	0.77	<1		<2	14	<1		0.13
Grab sample	RMD-254	5300 No. 3 Rd.	2020-09-08 14:30	0.8	<1		<2	14	<1		0.13
Grab sample	RMD-261	9911 Sidaway Rd.	2020-10-14 14:10	0.45	<1		<2	14	<1		0.13
Grab sample	RMD-264	13100 Mitchell Rd.	2020-09-30 12:45	0.86	<1		<2	14	<1		0.13
Grab sample	RMD-266	9380 General Currie Rd.	2020-10-14 14:55	0.68	<1		<2	14	<1		0.13
Grab sample	RMD-267	17240 Fedoruk	2020-08-07 10:00	0.77	<1		<2	14	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-06-15 14:10	0.94	<1		<2	14	<1		0.13
Grab sample	RMD-271	3800 Cessna Drive	2020-09-08 15:15	0.74	<1		<2	14	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-07-13 13:15	0.69	<1		<2	14	<1		0.13
Grab sample	RMD-276	22271 Cochrane Drive	2020-08-07 10:30	0.71	<1		<2	14	<1		0.13
Grab sample	RMD-276	22271 Cochrane Drive	2020-08-27 10:30	0.68	<1		<2	14	<1		0.13
Grab sample	RMD-202	1500 Valemont Way	2020-08-21 09:25	0.68	<1		<2	15	<1		0.13
Grab sample	RMD-206	4251 Moncton St.	2020-09-04 07:45	0.67	<1		<2	15	<1		0.13
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-08-13 08:30	0.74	<1		<2	15	<1		0.13
Grab sample	RMD-253	11051 No 3 Rd.	2020-09-14 13:30	0.66	<1		<2	15	<1		0.13
Grab sample	RMD-269	14951 Triangle Rd.	2020-08-10 13:50	0.62	<1		<2	15	<1		0.13
Grab sample	RMD-270	8200 Jones Rd.	2020-09-28 14:15	0.67	<1		<2	15	<1		0.13
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-06-22 12:45	0.89	<1		<2	15	<1		0.13
Grab sample	RMD-204	3180 Granville Ave.	2020-09-24 07:30	0.89	<1		<2	16	<1		0.13
Grab sample	RMD-269	14951 Triangle Rd.	2020-09-08 13:50	0.7	<1		<2	16	<1		0.13
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-06-15 12:45	0.7	<1		<2	16	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-08-10 13:15	0.75	<1		<2	16	<1		0.13
Grab sample	RMD-274	10920 Springwood Court	2020-09-08 13:15	0.72	<1		<2	16	<1		0.13
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-09-08 14:45	0.67	<1		<2	17	<1		0.13
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-08-04 12:45	0.75	<1		<2	17	<1		0.13
Grab sample	RMD-280	11500 McKenzie Rd.	2020-08-27 08:15	0.58	<1		<2	17	<1		0.13
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-04-20 14:45	0.62	<1	LA [Dehydrated agar.]		9	<1		0.13
Grab sample	RMD-202	1500 Valemont Way	2020-12-23 09:30	0.78	<1	NA		4	<1		0.13
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-12-29 14:55	0.89	<1	NA		5	<1		0.13
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-12-29 07:45	0.68	<1	NA		5	<1		0.13
Grab sample	RMD-251	5951 McCallan Rd.	2020-12-29 12:30	0.82	<1	NA		6	<1		0.13
Grab sample	RMD-252	9751 Pendleton Rd.	2020-12-21 13:00	0.65	<1	NA		6	<1		0.13
Grab sample	RMD-260	11111 Horseshoe Way	2020-12-29 09:25	0.67	<1	NA		6	<1		0.13
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-12-29 08:55	0.8	<1	NA		6	<1		0.13
Grab sample	RMD-206	4251 Moncton St.	2020-12-30 07:45	0.87	<1	NA		7	<1		0.13
Grab sample	RMD-269	14951 Triangle Rd.	2020-10-06 09:00	0.55	<1	<2		16	1		0.14
Grab sample	RMD-205	13851 Steveston Hwy.	2020-01-24 09:00	0.93	<1	2		5	<1		0.14
Grab sample	RMD-266	9380 General Currie Rd.	2020-02-25 14:55	0.73	<1	2		5	<1		0.14
Grab sample	RMD-250	6071 Azure Rd.	2020-06-01 15:45	0.9	<1	2		9	<1		0.14
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-06-03 13:15	1.03	<1	2		9	<1		0.14
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-11-18 13:15	0.65	<1	2		9	<1		0.14
Grab sample	RMD-263	12560 Cambie Rd.	2020-07-22 12:30	0.86	<1	2		11	<1		0.14
Grab sample	RMD-263	12560 Cambie Rd.	2020-11-04 12:30	0.76	<1	2		11	<1		0.14
Grab sample	RMD-274	10920 Springwood Court	2020-10-26 13:15	0.57	<1	2		11	<1		0.14
Grab sample	RMD-274	10920 Springwood Court	2020-11-23 13:15	0.72	<1	2		11	<1		0.14
Grab sample	RMD-206	4251 Moncton St.	2020-08-07 07:45	0.75	<1	2		12	<1		0.14
Grab sample	RMD-205	13851 Steveston Hwy.	2020-10-16 09:00	0.55	<1	2		14	<1		0.14
Grab sample	RMD-208	13200 No. 4 Rd.	2020-08-13 08:45	0.75	<1	2		14	<1		0.14
Grab sample	RMD-214	11720 Westminster Hwy.	2020-08-07 09:45	0.84	<1	2		14	<1		0.14
Grab sample	RMD-261	9911 Sidaway Rd.	2020-09-30 14:10	0.79	<1	2		14	<1		0.14
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-10-07 15:15	0.65	<1	2		14	<1		0.14
Grab sample	RMD-272	751 Catalina Cres.	2020-10-20 13:25	0.67	<1	2		14	<1		0.14
Grab sample	RMD-250	6071 Azure Rd.	2020-09-14 15:45	0.78	<1	2		15	<1		0.14
Grab sample	RMD-270	8200 Jones Rd.	2020-09-14 14:15	0.54	<1	2		15	<1		0.14
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-09-28 12:45	0.59	<1	2		17	<1		0.14
Grab sample	RMD-251	5951 McCallan Rd.	2020-03-23 12:30	0.84	<1	4		4	<1		0.14
Grab sample	RMD-263	12560 Cambie Rd.	2020-05-13 12:30	1	<1	4		9	<1		0.14
Grab sample	RMD-261	9911 Sidaway Rd.	2020-06-17 14:05	0.76	<1	4		10	<1		0.14
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-08-10 12:45	0.71	<1	6		17	<1		0.14
Grab sample	RMD-278	6651 Fraserwood Place	2020-06-30 10:30	0.72	<1	8		13	<1		0.14
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-08-04 14:40	0.74	<1	8		15	<1		0.14
Grab sample	RMD-278	6651 Fraserwood Place	2020-09-23 13:35	0.66	<1	52		14	<1		0.14
Grab sample	RMD-202	1500 Valemont Way	2020-02-21 09:30	0.73	<1	<2		4	<1		0.14
Grab sample	RMD-204	3180 Granville Ave.	2020-02-26 07:30	0.73	<1	<2		4	<1		0.14
Grab sample	RMD-261	9911 Sidaway Rd.	2020-03-04 14:05	0.82	<1	<2		4	<1		0.14
Grab sample	RMD-263	12560 Cambie Rd.	2020-03-04 12:30	0.94	<1	<2		4	<1		0.14
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-03-19 13:50	0.75	<1	<2		4	<1		0.14
Grab sample	RMD-202	1500 Valemont Way	2020-04-03 09:25	0.75	<1	<2		5	<1		0.14
Grab sample	RMD-204	3180 Granville Ave.	2020-03-26 07:30	0.72	<1	<2		5	<1		0.14
Grab sample	RMD-206	4251 Moncton St.	2020-12-17 07:45	0.7	<1	<2		5	<1		0.14
Grab sample	RMD-216	11080 No. 2 Rd.	2020-04-03 08:00	0.8	<1	<2		5	<1		0.14
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-01-24 10:10	0.78	<1	<2		5	<1		0.14
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-03-02 14:45	0.62	<1	<2		5	<1		0.14
Grab sample	RMD-257	6640 Blundell Rd.	2020-02-05 15:45	0.99	<1	<2		5	<1		0.14
Grab sample	RMD-257	6640 Blundell Rd.	2020-03-12 15:45	0.57	<1	<2		5	<1		0.14

Sample type	Sample Name	Sample Description	Sampled date	Chlorine Free (mg/L)	Turbidity (CFU/100mL)	Turbidity (MPN/100mL)	Turbidity (CFU/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-259	10020 Amethyst Ave.	2020-02-19 14:40	0.76	<1		<2	5	<1		0.14
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-03-04 13:15	0.8	<1		<2	5	<1		0.14
Grab sample	RMD-263	12560 Cambie Rd.	2020-02-12 12:30	0.81	<1		<2	5	<1		0.14
Grab sample	RMD-264	13100 Mitchell Rd.	2020-03-12 13:00	0.85	<1		<2	5	<1		0.14
Grab sample	RMD-266	9380 General Currie Rd.	2020-01-08 14:45	0.84	<1		<2	5	<1		0.14
Grab sample	RMD-269	14951 Triangle Rd.	2020-02-10 13:50	0.6	<1		<2	5	<1		0.14
Grab sample	RMD-275	5180 Smith Cres.	2020-02-26 10:45	0.6	<1		<2	5	<1		0.14
Grab sample	RMD-275	5180 Smith Cres.	2020-03-06 10:45	0.94	<1		<2	5	<1		0.14
Grab sample	RMD-275	5180 Smith Cres.	2020-03-20 10:45	0.94	<1		<2	5	<1		0.14
Grab sample	RMD-278	6651 Fraserwood Place	2020-03-12 13:30	0.64	<1		<2	5	<1		0.14
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-03-04 13:45	0.71	<1		<2	5	<1		0.14
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-03-25 13:45	0.77	<1		<2	5	<1		0.14
Grab sample	RMD-216	11080 No. 2 Rd.	2020-03-12 08:00	0.8	<1		<2	6	<1		0.14
Grab sample	RMD-253	11051 No 3 Rd.	2020-01-06 13:35	0.76	<1		<2	6	<1		0.14
Grab sample	RMD-254	5300 No. 3 Rd.	2020-03-23 14:30	0.77	<1		<2	6	<1		0.14
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-01-29 15:25	0.92	<1		<2	6	<1		0.14
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-12-09 15:25	0.76	<1		<2	6	<1		0.14
Grab sample	RMD-264	13100 Mitchell Rd.	2020-03-25 13:00	0.77	<1		<2	6	<1		0.14
Grab sample	RMD-267	17240 Fedoruk	2020-03-20 10:00	0.76	<1		<2	6	<1		0.14
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-02-19 15:15	0.65	<1		<2	6	<1		0.14
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-12-09 15:05	0.8	<1		<2	6	<1		0.14
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-03-02 12:45	0.47	<1		<2	6	<1		0.14
Grab sample	RMD-280	11500 McKenzie Rd.	2020-03-20 08:15	0.72	<1		<2	6	<1		0.14
Grab sample	RMD-202	1500 Valemont Way	2020-12-11 09:20	0.63	<1		<2	7	<1		0.14
Grab sample	RMD-250	6071 Azure Rd.	2020-04-06 15:50	0.81	<1		<2	7	<1		0.14
Grab sample	RMD-260	11111 Horseshoe Way	2020-12-09 14:20	0.65	<1		<2	7	<1		0.14
Grab sample	RMD-261	9911 Sidaway Rd.	2020-04-07 09:15	0.91	<1		<2	7	<1		0.14
Grab sample	RMD-264	13100 Mitchell Rd.	2020-04-07 08:05	0.82	<1		<2	7	<1		0.14
Grab sample	RMD-271	3800 Cessna Drive	2020-04-14 15:15	0.97	<1		<2	7	<1		0.14
Grab sample	RMD-272	751 Catalina Cres.	2020-12-07 15:25	0.89	<1		<2	7	<1		0.14
Grab sample	RMD-274	10920 Springwood Court	2020-03-23 13:15	0.67	<1		<2	7	<1		0.14
Grab sample	RMD-274	10920 Springwood Court	2020-04-14 13:15	0.78	<1		<2	7	<1		0.14
Grab sample	RMD-275	5180 Smith Cres.	2020-12-11 10:45	0.77	<1		<2	7	<1		0.14
Grab sample	RMD-276	22271 Cochrane Drive	2020-12-11 10:30	0.66	<1		<2	7	<1		0.14
Grab sample	RMD-280	11500 McKenzie Rd.	2020-01-02 08:15	0.68	<1		<2	7	<1		0.14
Grab sample	RMD-251	5951McCallan Rd.	2020-05-19 12:30	0.89	<1		<2	8	<1		0.14
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-05-25 14:55	1.12	<1		<2	8	<1		0.14
Grab sample	RMD-257	6640 Blundell Rd.	2020-11-10 08:30	0.71	<1		<2	8	<1		0.14
Grab sample	RMD-259	10020 Amethyst Ave.	2020-12-02 08:00	0.88	<1		<2	8	<1		0.14
Grab sample	RMD-260	11111 Horseshoe Way	2020-12-02 08:15	0.6	<1		<2	8	<1		0.14
Grab sample	RMD-261	9911 Sidaway Rd.	2020-04-22 14:05	0.84	<1		<2	8	<1		0.14
Grab sample	RMD-261	9911 Sidaway Rd.	2020-12-02 08:30	0.76	<1		<2	8	<1		0.14
Grab sample	RMD-264	13100 Mitchell Rd.	2020-11-10 10:45	0.77	<1		<2	8	<1		0.14
Grab sample	RMD-270	8200 Jones Rd.	2020-04-14 14:15	0.9	<1		<2	8	<1		0.14
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-12-07 12:45	0.72	<1		<2	8	<1		0.14
Grab sample	RMD-280	11500 McKenzie Rd.	2020-11-13 08:15	0.84	<1		<2	8	<1		0.14
Grab sample	RMD-202	1500 Valemont Way	2020-04-23 09:20	0.78	<1		<2	9	<1		0.14
Grab sample	RMD-203	23260 Westminster Hwy.	2020-04-23 10:55	0.66	<1		<2	9	<1		0.14
Grab sample	RMD-204	3180 Granville Ave.	2020-05-07 07:30	0.77	<1		<2	9	<1		0.14
Grab sample	RMD-205	13851 Steveston Hwy.	2020-05-07 09:00	0.74	<1		<2	9	<1		0.14
Grab sample	RMD-206	4251 Moncton St.	2020-04-23 07:45	0.74	<1		<2	9	<1		0.14
Grab sample	RMD-208	13200 No. 4 Rd.	2020-05-21 08:45	0.84	<1		<2	9	<1		0.14
Grab sample	RMD-214	11720 Westminster Hwy.	2020-04-23 09:40	0.89	<1		<2	9	<1		0.14
Grab sample	RMD-216	11080 No. 2 Rd.	2020-04-23 08:00	0.77	<1		<2	9	<1		0.14
Grab sample	RMD-216	11080 No. 2 Rd.	2020-05-07 08:00	0.87	<1		<2	9	<1		0.14
Grab sample	RMD-216	11080 No. 2 Rd.	2020-05-21 08:00	0.85	<1		<2	9	<1		0.14
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-05-01 10:15	0.69	<1		<2	9	<1		0.14
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-05-15 10:15	0.66	<1		<2	9	<1		0.14
Grab sample	RMD-251	5951McCallan Rd.	2020-11-16 12:30	0.75	<1		<2	9	<1		0.14
Grab sample	RMD-252	9751 Pendleton Rd.	2020-05-11 13:00	0.81	<1		<2	9	<1		0.14
Grab sample	RMD-253	11051 No 3 Rd.	2020-05-11 13:30	0.69	<1		<2	9	<1		0.14
Grab sample	RMD-253	11051 No 3 Rd.	2020-11-09 13:30	0.67	<1		<2	9	<1		0.14
Grab sample	RMD-253	11051 No 3 Rd.	2020-11-23 13:30	0.75	<1		<2	9	<1		0.14
Grab sample	RMD-254	5300 No. 3 Rd.	2020-05-04 14:30	0.87	<1		<2	9	<1		0.14
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-05-19 14:40	0.6	<1		<2	9	<1		0.14
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-11-25 07:45	0.75	<1		<2	9	<1		0.14
Grab sample	RMD-259	10020 Amethyst Ave.	2020-05-27 14:40	0.99	<1		<2	9	<1		0.14
Grab sample	RMD-259	10020 Amethyst Ave.	2020-11-10 09:00	0.7	<1		<2	9	<1		0.14
Grab sample	RMD-261	9911 Sidaway Rd.	2020-11-10 10:00	0.68	<1		<2	9	<1		0.14
Grab sample	RMD-269	14951 Triangle Rd.	2020-04-27 13:50	0.52	<1		<2	9	<1		0.14
Grab sample	RMD-274	10920 Springwood Court	2020-05-04 13:15	0.82	<1		<2	9	<1		0.14
Grab sample	RMD-205	13851 Steveston Hwy.	2020-06-04 09:00	1.01	<1		<2	10	<1		0.14
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-10-30 10:15	0.64	<1		<2	10	<1		0.14
Grab sample	RMD-269	14951 Triangle Rd.	2020-05-25 13:50	0.65	<1		<2	10	<1		0.14
Grab sample	RMD-272	751 Catalina Cres.	2020-10-26 15:30	0.64	<1		<2	10	<1		0.14
Grab sample	RMD-206	4251 Moncton St.	2020-06-12 07:45	0.94	<1		<2	11	<1		0.14
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-05-11 14:45	0.68	<1		<2	11	<1		0.14
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-11-02 14:40	0.68	<1		<2	11	<1		0.14

Sample Type	Sample Name	Sample Description	Sampling date	Turbidity Free (mg/L)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	MPN (CFU/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-216	11080 No. 2 Rd.	2020-08-07 08:00	0.88	<1		2	12	<1		0.15
Grab sample	RMD-253	11051 No 3 Rd.	2020-08-17 13:30	0.71	<1		2	13	<1		0.15
Grab sample	RMD-270	8200 Jones Rd.	2020-07-20 14:15	0.69	<1		2	13	<1		0.15
Grab sample	RMD-267	17240 Fedoruk	2020-10-08 09:40	0.63	<1		2	14	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-10-21 13:30	0.68	<1		2	14	<1		0.15
Grab sample	RMD-269	14951 Triangle Rd.	2020-08-04 13:50	0.73	<1		2	15	<1		0.15
Grab sample	RMD-270	8200 Jones Rd.	2020-08-31 14:15	0.7	<1		2	15	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-09-28 15:30	0.81	<1		2	15	<1		0.15
Grab sample	RMD-274	10920 Springwood Court	2020-10-06 08:30	0.91	<1		2	16	<1		0.15
Grab sample	RMD-276	22271 Cochrane Drive	2020-05-21 10:25	0.74	<1		4	12	<1		0.15
Grab sample	RMD-266	9380 General Currie Rd.	2020-08-12 14:25	0.7	<1		4	13	<1		0.15
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-10-07 13:15	0.6	<1		4	14	<1		0.15
Grab sample	RMD-264	13100 Mitchell Rd.	2020-09-02 13:00	0.7	<1		4	14	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-05-19 15:10	0.92	<1		6	8	<1		0.15
Grab sample	RMD-263	12560 Cambie Rd.	2020-06-17 12:30	0.95	<1		6	10	<1		0.15
Grab sample	RMD-270	8200 Jones Rd.	2020-06-29 14:15	0.92	<1		6	14	<1		0.15
Grab sample	RMD-270	8200 Jones Rd.	2020-07-13 14:15	0.75	<1		8	13	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-09-30 13:35	0.69	<1		12	15	<1		0.15
Grab sample	RMD-206	4251 Moncton St.	2020-01-16 07:45	0.65	<1		<2	4	<1		0.15
Grab sample	RMD-208	13200 No. 4 Rd.	2020-02-26 08:45	0.79	<1		<2	4	<1		0.15
Grab sample	RMD-214	11720 Westminster Hwy.	2020-03-06 09:45	0.97	<1		<2	4	<1		0.15
Grab sample	RMD-260	11111 Horseshoe Way	2020-03-12 14:20	0.66	<1		<2	4	<1		0.15
Grab sample	RMD-204	3180 Granville Ave.	2020-04-03 07:30	0.7	<1		<2	5	<1		0.15
Grab sample	RMD-206	4251 Moncton St.	2020-04-03 07:45	0.76	<1		<2	5	<1		0.15
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-01-30 08:30	0.73	<1		<2	5	<1		0.15
Grab sample	RMD-250	6071 Azure Rd.	2020-01-20 15:45	0.62	<1		<2	5	<1		0.15
Grab sample	RMD-251	5951 McCallan Rd.	2020-03-16 12:30	0.76	<1		<2	5	<1		0.15
Grab sample	RMD-252	9751 Pendleton Rd.	2020-02-03 13:00	1.03	<1		<2	5	<1		0.15
Grab sample	RMD-252	9751 Pendleton Rd.	2020-03-02 13:15	0.87	<1		<2	5	<1		0.15
Grab sample	RMD-253	11051 No 3 Rd.	2020-01-27 13:30	0.86	<1		<2	5	<1		0.15
Grab sample	RMD-253	11051 No 3 Rd.	2020-03-23 13:30	0.77	<1		<2	5	<1		0.15
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-03-16 15:00	0.82	<1		<2	5	<1		0.15
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-02-19 15:30	0.62	<1		<2	5	<1		0.15
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-02-25 15:30	0.73	<1		<2	5	<1		0.15
Grab sample	RMD-259	10020 Amethyst Ave.	2020-02-25 14:40	0.68	<1		<2	5	<1		0.15
Grab sample	RMD-261	9911 Sidaway Rd.	2020-02-12 14:05	0.68	<1		<2	5	<1		0.15
Grab sample	RMD-261	9911 Sidaway Rd.	2020-02-19 14:10	0.73	<1		<2	5	<1		0.15
Grab sample	RMD-261	9911 Sidaway Rd.	2020-02-25 14:10	0.94	<1		<2	5	<1		0.15
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-01-22 13:15	0.71	<1		<2	5	<1		0.15
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-02-12 13:15	0.65	<1		<2	5	<1		0.15
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-02-19 13:20	0.58	<1		<2	5	<1		0.15
Grab sample	RMD-264	13100 Mitchell Rd.	2020-02-25 12:45	0.72	<1		<2	5	<1		0.15
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-02-25 15:15	0.76	<1		<2	5	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-02-03 15:10	0.9	<1		<2	5	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-03-02 15:15	0.85	<1		<2	5	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-01-06 15:30	0.9	<1		<2	5	<1		0.15
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-02-19 13:50	0.71	<1		<2	5	<1		0.15
Grab sample	RMD-254	5300 No. 3 Rd.	2020-03-30 14:30	0.97	<1		<2	6	<1		0.15
Grab sample	RMD-264	13100 Mitchell Rd.	2020-04-01 13:00	0.72	<1		<2	6	<1		0.15
Grab sample	RMD-280	11500 McKenzie Rd.	2020-01-30 08:15	0.7	<1		<2	6	<1		0.15
Grab sample	RMD-280	11500 McKenzie Rd.	2020-03-26 08:15	0.68	<1		<2	6	<1		0.15
Grab sample	RMD-259	10020 Amethyst Ave.	2020-12-09 14:35	0.6	<1		<2	7	<1		0.15
Grab sample	RMD-266	9380 General Currie Rd.	2020-04-07 10:00	0.86	<1		<2	7	<1		0.15
Grab sample	RMD-269	14951 Triangle Rd.	2020-01-06 13:55	0.77	<1		<2	7	<1		0.15
Grab sample	RMD-269	14951 Triangle Rd.	2020-04-14 13:50	0.7	<1		<2	7	<1		0.15
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-02-10 12:45	0.6	<1		<2	7	<1		0.15
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-04-06 12:45	0.72	<1		<2	7	<1		0.15
Grab sample	RMD-276	22271 Cochrane Drive	2020-04-17 10:30	0.6	<1		<2	7	<1		0.15
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-12-02 10:45	0.62	<1		<2	7	<1		0.15
Grab sample	RMD-202	1500 Valeront Way	2020-11-13 09:25	0.63	<1		<2	8	<1		0.15
Grab sample	RMD-205	13851 Steveston Hwy.	2020-12-03 08:45	0.64	<1		<2	8	<1		0.15
Grab sample	RMD-214	11720 Westminster Hwy.	2020-05-01 09:45	0.84	<1		<2	8	<1		0.15
Grab sample	RMD-251	5951 McCallan Rd.	2020-04-27 12:30	0.68	<1		<2	8	<1		0.15
Grab sample	RMD-253	11051 No 3 Rd.	2020-05-19 13:30	0.84	<1		<2	8	<1		0.15
Grab sample	RMD-254	5300 No. 3 Rd.	2020-04-27 14:30	0.71	<1		<2	8	<1		0.15
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-04-29 13:15	0.74	<1		<2	8	<1		0.15
Grab sample	RMD-263	12560 Cambie Rd.	2020-04-29 12:30	0.86	<1		<2	8	<1		0.15
Grab sample	RMD-263	12560 Cambie Rd.	2020-12-02 09:00	0.85	<1		<2	8	<1		0.15
Grab sample	RMD-264	13100 Mitchell Rd.	2020-04-29 13:00	0.93	<1		<2	8	<1		0.15
Grab sample	RMD-266	9380 General Currie Rd.	2020-04-29 14:55	0.81	<1		<2	8	<1		0.15
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-12-02 09:50	0.9	<1		<2	8	<1		0.15
Grab sample	RMD-269	14951 Triangle Rd.	2020-11-23 13:50	0.75	<1		<2	8	<1		0.15
Grab sample	RMD-275	5180 Smith Cres.	2020-11-13 10:45	0.64	<1		<2	8	<1		0.15
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-04-29 12:45	0.98	<1		<2	8	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-05-20 13:35	0.88	<1		<2	8	<1		0.15
Grab sample	RMD-208	13200 No. 4 Rd.	2020-11-19 09:45	0.78	<1		<2	9	<1		0.15
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-12-03 08:30	0.73	<1		<2	9	<1		0.15
Grab sample	RMD-216	11080 No. 2 Rd.	2020-11-13 08:00	0.72	<1		<2	9	<1		0.15

Sample Type	Sample Name	Sample Description	Sample Date	Chlorine Free (mg/L)	Total (CFU/100mL)	Turbidity (MPN/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-04-08 10:10	0.59	<1	<2	9	<1		0.15
Grab sample	RMD-250	6071 Azure Rd.	2020-05-11 15:45	0.95	<1	<2	9	<1		0.15
Grab sample	RMD-251	5951McCallan Rd.	2020-05-11 12:30	0.77	<1	<2	9	<1		0.15
Grab sample	RMD-259	10020 Amethyst Ave.	2020-05-20 14:40	0.74	<1	<2	9	<1		0.15
Grab sample	RMD-259	10020 Amethyst Ave.	2020-11-25 08:30	0.77	<1	<2	9	<1		0.15
Grab sample	RMD-261	9911 Sidaway Rd.	2020-05-27 14:10	0.83	<1	<2	9	<1		0.15
Grab sample	RMD-261	9911 Sidaway Rd.	2020-11-18 14:05	0.42	<1	<2	9	<1		0.15
Grab sample	RMD-261	9911 Sidaway Rd.	2020-11-25 09:45	0.6	<1	<2	9	<1		0.15
Grab sample	RMD-266	9380 General Currie Rd.	2020-05-06 14:55	0.76	<1	<2	9	<1		0.15
Grab sample	RMD-266	9380 General Currie Rd.	2020-05-27 14:55	0.95	<1	<2	9	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-11-16 15:30	0.95	<1	<2	9	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-11-23 15:25	1.04	<1	<2	9	<1		0.15
Grab sample	RMD-276	22271 Cochrane Drive	2020-11-19 11:25	0.69	<1	<2	9	<1		0.15
Grab sample	RMD-276	22271 Cochrane Drive	2020-12-03 10:05	0.67	<1	<2	9	<1		0.15
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-04-22 12:45	0.48	<1	<2	9	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-11-25 10:20	0.69	<1	<2	9	<1		0.15
Grab sample	RMD-202	1500 Valemont Way	2020-05-21 09:20	0.74	<1	<2	10	<1		0.15
Grab sample	RMD-206	4251 Moncton St.	2020-05-21 07:45	0.8	<1	<2	10	<1		0.15
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-11-19 09:30	0.64	<1	<2	10	<1		0.15
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-05-07 10:10	0.69	<1	<2	10	<1		0.15
Grab sample	RMD-253	11051 No 3 Rd.	2020-06-01 13:30	0.8	<1	<2	10	<1		0.15
Grab sample	RMD-260	11111 Horseshoe Way	2020-06-03 14:25	0.99	<1	<2	10	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-06-15 15:25	1.21	<1	<2	10	<1		0.15
Grab sample	RMD-274	10920 Springwood Court	2020-04-20 13:15	0.75	<1	<2	10	<1		0.15
Grab sample	RMD-206	4251 Moncton St.	2020-11-05 07:45	0.68	<1	<2	10.5	<1		0.15
Grab sample	RMD-202	1500 Valemont Way	2020-07-24 09:25	0.81	<1	<2	11	<1		0.15
Grab sample	RMD-205	13851 Steveston Hwy.	2020-10-26 14:00	0.65	<1	<2	11	<1		0.15
Grab sample	RMD-206	4251 Moncton St.	2020-06-18 07:45	0.88	<1	<2	11	<1		0.15
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-04-23 08:30	0.76	<1	<2	11	<1		0.15
Grab sample	RMD-214	11720 Westminster Hwy.	2020-06-12 09:40	0.89	<1	<2	11	<1		0.15
Grab sample	RMD-216	11080 No. 2 Rd.	2020-10-30 08:00	0.74	<1	<2	11	<1		0.15
Grab sample	RMD-251	5951McCallan Rd.	2020-06-08 12:30	0.96	<1	<2	11	<1		0.15
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-06-01 14:45	0.8	<1	<2	11	<1		0.15
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-06-17 15:30	0.8	<1	<2	11	<1		0.15
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-07-15 15:30	0.77	<1	<2	11	<1		0.15
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-07-22 15:30	0.73	<1	<2	11	<1		0.15
Grab sample	RMD-263	12560 Cambie Rd.	2020-07-08 12:30	0.91	<1	<2	11	<1		0.15
Grab sample	RMD-266	9380 General Currie Rd.	2020-11-04 14:55	0.82	<1	<2	11	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-07-06 15:15	0.94	<1	<2	11	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-11-02 15:25	0.97	<1	<2	11	<1		0.15
Grab sample	RMD-276	22271 Cochrane Drive	2020-05-07 10:25	0.88	<1	<2	11	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-06-03 13:35	0.91	<1	<2	11	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-10-28 13:35	0.73	<1	<2	11	<1		0.15
Grab sample	RMD-280	11500 McKenzie Rd.	2020-05-07 08:15	0.9	<1	<2	11	<1		0.15
Grab sample	RMD-204	3180 Granville Ave.	2020-05-21 07:30	0.75	<1	<2	12	<1		0.15
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-06-04 10:15	0.89	<1	<2	12	<1		0.15
Grab sample	RMD-251	5951McCallan Rd.	2020-07-20 12:30	0.6	<1	<2	12	<1		0.15
Grab sample	RMD-251	5951McCallan Rd.	2020-10-20 10:30	0.73	<1	<2	12	<1		0.15
Grab sample	RMD-257	6640 Blundell Rd.	2020-06-03 15:45	1.02	<1	<2	12	<1		0.15
Grab sample	RMD-261	9911 Sidaway Rd.	2020-06-03 14:10	0.96	<1	<2	12	<1		0.15
Grab sample	RMD-267	17240 Fedoruk	2020-06-18 10:00	0.85	<1	<2	12	<1		0.15
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-06-24 15:15	0.85	<1	<2	12	<1		0.15
Grab sample	RMD-269	14951 Triangle Rd.	2020-11-02 13:45	0.6	<1	<2	12	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-06-29 15:15	1	<1	<2	12	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-07-20 15:15	0.74	<1	<2	12	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-06-29 15:30	1.17	<1	<2	12	<1		0.15
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-04-20 12:45	0.65	<1	<2	12	<1		0.15
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-07-08 12:45	0.93	<1	<2	12	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-06-24 13:30	0.65	<1	<2	12	<1		0.15
Grab sample	RMD-216	11080 No. 2 Rd.	2020-08-13 08:00	0.77	<1	<2	13	<1		0.15
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-07-06 14:45	0.66	<1	<2	13	<1		0.15
Grab sample	RMD-259	10020 Amethyst Ave.	2020-08-05 14:40	0.75	<1	<2	13	<1		0.15
Grab sample	RMD-267	17240 Fedoruk	2020-06-26 10:00	1.01	<1	<2	13	<1		0.15
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-07-08 15:15	0.84	<1	<2	13	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-10-20 13:10	0.74	<1	<2	13	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-07-20 15:30	0.71	<1	<2	13	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-10-14 13:35	0.65	<1	<2	13	<1		0.15
Grab sample	RMD-278	6651 Fraserwood Place	2020-11-04 13:30	0.67	<1	<2	13	<1		0.15
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-08-12 13:20	0.66	<1	<2	13	<1		0.15
Grab sample	RMD-203	23260 Westminster Hwy.	2020-07-30 10:55	0.69	<1	<2	14	<1		0.15
Grab sample	RMD-204	3180 Granville Ave.	2020-07-10 07:30	0.82	<1	<2	14	<1		0.15
Grab sample	RMD-204	3180 Granville Ave.	2020-08-13 07:30	0.53	<1	<2	14	<1		0.15
Grab sample	RMD-204	3180 Granville Ave.	2020-10-08 07:30	0.7	<1	<2	14	<1		0.15
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-10-08 08:30	0.7	<1	<2	14	<1		0.15
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-10-08 09:55	0.6	<1	<2	14	<1		0.15
Grab sample	RMD-250	6071 Azure Rd.	2020-10-20 12:45	0.68	<1	<2	14	<1		0.15
Grab sample	RMD-251	5951McCallan Rd.	2020-09-08 12:30	0.74	<1	<2	14	<1		0.15
Grab sample	RMD-252	9751 Pendleton Rd.	2020-09-08 13:00	0.75	<1	<2	14	<1		0.15

CNCL – 212

Sample Type	Sample Name	Sample Description	Sample Date	Turbidity (mg/L)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	TPC (CFU/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-259	10020 Amethyst Ave.	2020-09-23 14:40	0.72	<1		<2	14	<1		0.15
Grab sample	RMD-260	11111 Horseshoe Way	2020-09-30 14:25	0.74	<1		<2	14	<1		0.15
Grab sample	RMD-263	12560 Cambie Rd.	2020-08-12 12:00	0.66	<1		<2	14	<1		0.15
Grab sample	RMD-263	12560 Cambie Rd.	2020-09-09 07:30	0.93	<1		<2	14	<1		0.15
Grab sample	RMD-263	12560 Cambie Rd.	2020-09-30 12:30	0.9	<1		<2	14	<1		0.15
Grab sample	RMD-264	13100 Mitchell Rd.	2020-08-26 12:45	0.79	<1		<2	14	<1		0.15
Grab sample	RMD-266	9380 General Currie Rd.	2020-09-23 14:55	0.76	<1		<2	14	<1		0.15
Grab sample	RMD-267	17240 Fedoruk	2020-09-21 14:45	0.88	<1		<2	14	<1		0.15
Grab sample	RMD-272	751 Catalina Cres.	2020-09-08 15:30	0.72	<1		<2	14	<1		0.15
Grab sample	RMD-276	22271 Cochrane Drive	2020-10-16 10:25	0.68	<1		<2	14	<1		0.15
Grab sample	RMD-203	23260 Westminster Hwy.	2020-09-04 11:00	0.66	<1		<2	15	<1		0.15
Grab sample	RMD-204	3180 Granville Ave.	2020-08-27 07:30	0.56	<1		<2	15	<1		0.15
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-07-30 10:10	0.77	<1		<2	15	<1		0.15
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-08-21 10:15	0.63	<1		<2	15	<1		0.15
Grab sample	RMD-253	11051 No 3 Rd.	2020-09-08 13:30	0.73	<1		<2	15	<1		0.15
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-09-21 14:45	0.69	<1		<2	15	<1		0.15
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-09-28 14:45	0.66	<1		<2	15	<1		0.15
Grab sample	RMD-259	10020 Amethyst Ave.	2020-10-07 14:40	0.72	<1		<2	15	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-08-31 15:15	0.7	<1		<2	15	<1		0.15
Grab sample	RMD-271	3800 Cessna Drive	2020-10-06 10:15	0.82	<1		<2	15	<1		0.15
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-09-23 13:50	0.72	<1		<2	15	<1		0.15
Grab sample	RMD-280	11500 McKenzie Rd.	2020-10-08 08:15	0.37	<1		<2	15	<1		0.15
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-09-16 13:15	0.68	<1		<2	16	<1		0.15
Grab sample	RMD-267	17240 Fedoruk	2020-09-10 09:55	0.7	<1		<2	17	<1		0.15
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-09-21 12:45	0.7	<1		<2	17	<1		0.15
Grab sample	RMD-276	22271 Cochrane Drive	2020-09-10 10:25	0.7	<1		<2	17	<1		0.15
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-12-21 14:35	0.69	<1		NA	5	<1		0.15
Grab sample	RMD-214	11720 Westminster Hwy.	2020-09-24 09:45	0.96	<1		6	14	9		0.16
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-01-20 14:45	0.48	<1		2	5	<1		0.16
Grab sample	RMD-272	751 Catalina Cres.	2020-03-09 15:30	0.75	<1		2	5	<1		0.16
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-03-12 12:45	0.89	<1		2	5	<1		0.16
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-12-17 10:15	0.69	<1		2	7	<1		0.16
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-04-29 13:45	0.7	<1		2	8	<1		0.16
Grab sample	RMD-214	11720 Westminster Hwy.	2020-10-22 09:15	0.8	<1		2	12	<1		0.16
Grab sample	RMD-269	14951 Triangle Rd.	2020-08-17 13:50	0.61	<1		2	14	<1		0.16
Grab sample	RMD-204	3180 Granville Ave.	2020-09-04 07:30	0.65	<1		2	15	<1		0.16
Grab sample	RMD-271	3800 Cessna Drive	2020-08-24 15:15	0.9	<1		2	15	<1		0.16
Grab sample	RMD-278	6651 Fraserwood Place	2020-10-07 13:30	0.64	<1		2	15	<1		0.16
Grab sample	RMD-204	3180 Granville Ave.	2020-09-18 07:30	0.75	<1		2	16	<1		0.16
Grab sample	RMD-280	11500 McKenzie Rd.	2020-07-30 08:15	0.64	<1		2	17	<1		0.16
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-08-17 12:45	0.57	<1		2	18	<1		0.16
Grab sample	RMD-264	13100 Mitchell Rd.	2020-05-06 12:45	0.91	<1		4	9	<1		0.16
Grab sample	RMD-254	5300 No. 3 Rd.	2020-04-20 14:30	0.87	<1		4	10	<1		0.16
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-10-21 15:15	0.67	<1		4	13	<1		0.16
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-11-25 10:40	0.83	<1		6	8	<1		0.16
Grab sample	RMD-263	12560 Cambie Rd.	2020-06-24 12:30	0.79	<1		6	11	<1		0.16
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-08-26 13:15	0.63	<1		16	13	<1		0.16
Grab sample	RMD-257	6640 Blundell Rd.	2020-09-23 15:45	0.72	<1		18	15	<1		0.16
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-03-25 12:45	0.92	<1		24	6	<1		0.16
Grab sample	RMD-251	5951 McCallan Rd.	2020-01-27 12:30	0.86	<1		<2	4	<1		0.16
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-03-04 15:15	0.81	<1		<2	4	<1		0.16
Grab sample	RMD-269	14951 Triangle Rd.	2020-03-02 13:50	0.51	<1		<2	4	<1		0.16
Grab sample	RMD-271	3800 Cessna Drive	2020-03-23 15:15	0.95	<1		<2	4	<1		0.16
Grab sample	RMD-202	1500 Valemont Way	2020-02-13 09:25	0.66	<1		<2	5	<1		0.16
Grab sample	RMD-202	1500 Valemont Way	2020-03-26 09:25	0.87	<1		<2	5	<1		0.16
Grab sample	RMD-203	23260 Westminster Hwy.	2020-03-26 11:00	0.74	<1		<2	5	<1		0.16
Grab sample	RMD-204	3180 Granville Ave.	2020-01-10 07:30	0.76	<1		<2	5	<1		0.16
Grab sample	RMD-204	3180 Granville Ave.	2020-01-30 07:30	0.79	<1		<2	5	<1		0.16
Grab sample	RMD-206	4251 Moncton St.	2020-01-10 07:45	0.68	<1		<2	5	<1		0.16
Grab sample	RMD-206	4251 Moncton St.	2020-03-26 07:45	0.72	<1		<2	5	<1		0.16
Grab sample	RMD-208	13200 No. 4 Rd.	2020-01-10 08:50	0.69	<1		<2	5	<1		0.16
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-03-26 08:30	0.7	<1		<2	5	<1		0.16
Grab sample	RMD-214	11720 Westminster Hwy.	2020-01-02 14:00	0.8	<1		<2	5	<1		0.16
Grab sample	RMD-216	11080 No. 2 Rd.	2020-01-10 08:00	0.75	<1		<2	5	<1		0.16
Grab sample	RMD-216	11080 No. 2 Rd.	2020-03-06 08:00	0.93	<1		<2	5	<1		0.16
Grab sample	RMD-251	5951 McCallan Rd.	2020-01-14 12:30	1	<1		<2	5	<1		0.16
Grab sample	RMD-252	9751 Pendleton Rd.	2020-02-10 13:00	0.75	<1		<2	5	<1		0.16
Grab sample	RMD-252	9751 Pendleton Rd.	2020-03-09 13:00	0.67	<1		<2	5	<1		0.16
Grab sample	RMD-253	11051 No 3 Rd.	2020-01-14 13:35	0.8	<1		<2	5	<1		0.16
Grab sample	RMD-253	11051 No 3 Rd.	2020-01-20 13:30	0.75	<1		<2	5	<1		0.16
Grab sample	RMD-253	11051 No 3 Rd.	2020-02-24 13:30	0.8	<1		<2	5	<1		0.16
Grab sample	RMD-254	5300 No. 3 Rd.	2020-01-14 14:25	0.94	<1		<2	5	<1		0.16
Grab sample	RMD-254	5300 No. 3 Rd.	2020-02-10 14:30	0.89	<1		<2	5	<1		0.16
Grab sample	RMD-257	6640 Blundell Rd.	2020-03-25 15:45	0.87	<1		<2	5	<1		0.16
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-01-15 15:30	0.78	<1		<2	5	<1		0.16
Grab sample	RMD-260	11111 Horseshoe Way	2020-01-15 14:25	0.78	<1		<2	5	<1		0.16
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-01-15 13:15	0.73	<1		<2	5	<1		0.16
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-03-25 13:15	0.8	<1		<2	5	<1		0.16

Sample Type	Sample Name	Sample Description	Sample Date	Chlorine Free (mg/L)	E. coli (CFU/100mL)	Total Coliform (CFU/100mL)	Fec (CFU/100mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Turbidity (NTU)
Grab sample	RMD-267	17240 Fedoruk	2020-07-16 09:55	0.76	<1		<2	14	<1	0.17
Grab sample	RMD-270	8200 Jones Rd.	2020-10-13 14:05	0.65	<1		<2	14	<1	0.17
Grab sample	RMD-276	22271 Cochrane Drive	2020-10-02 10:30	0.6	<1		<2	14	<1	0.17
Grab sample	RMD-202	1500 Valemont Way	2020-08-27 09:20	0.62	<1		<2	15	<1	0.17
Grab sample	RMD-205	13851 Steveston Hwy.	2020-09-04 09:00	0.7	<1		<2	15	<1	0.17
Grab sample	RMD-253	11051 No 3 Rd.	2020-09-21 13:30	0.75	<1		<2	15	<1	0.17
Grab sample	RMD-260	11111 Horseshoe Way	2020-09-02 14:20	0.73	<1		<2	15	<1	0.17
Grab sample	RMD-260	11111 Horseshoe Way	2020-09-09 09:15	0.84	<1		<2	15	<1	0.17
Grab sample	RMD-276	22271 Cochrane Drive	2020-09-04 10:30	0.7	<1		<2	15	<1	0.17
Grab sample	RMD-276	22271 Cochrane Drive	2020-09-18 10:30	0.69	<1		<2	15	<1	0.17
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-09-02 13:45	0.76	<1		<2	15	<1	0.17
Grab sample	RMD-261	9911 Sidaway Rd.	2020-10-07 14:05	0.58	<1		<2	16	<1	0.17
Grab sample	RMD-280	11500 McKenzie Rd.	2020-08-13 08:15	0.53	<1		<2	16	<1	0.17
Grab sample	RMD-280	11500 McKenzie Rd.	2020-10-02 08:15	0.74	<1		<2	16	<1	0.17
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-09-04 10:15	0.66	<1		<2	17	<1	0.17
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-07-13 12:45	0.71	<1		<2	17	<1	0.17
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-12-22 08:55	0.61	<1		NA	5	<1	0.17
Grab sample	RMD-264	13100 Mitchell Rd.	2020-12-22 08:00	0.65	<1		NA	6	<1	0.17
Grab sample	RMD-257	6640 Blundell Rd. (Pre flush)	2020-09-18 17:05	0.79		<1	NA	15	<1	0.17
Grab sample	RMD-276	22271 Cochrane Drive	2020-10-08 10:10	0.62	<1		24	14	12	0.18
Grab sample	RMD-204	3180 Granville Ave.	2020-02-07 07:30	1	<1		2	5	<1	0.18
Grab sample	RMD-272	751 Catalina Cres.	2020-01-20 15:30	0.84	<1		2	5	<1	0.18
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-02-12 13:00	0.93	<1		2	5	<1	0.18
Grab sample	RMD-264	13100 Mitchell Rd.	2020-05-20 13:05	0.91	<1		2	8	<1	0.18
Grab sample	RMD-252	9751 Pendleton Rd.	2020-06-01 13:00	0.85	<1		2	9	<1	0.18
Grab sample	RMD-272	751 Catalina Cres.	2020-07-06 15:30	1	<1		2	11	<1	0.18
Grab sample	RMD-275	5180 Smith Cres.	2020-11-05 10:40	0.68	<1		2	11	<1	0.18
Grab sample	RMD-259	10020 Amethyst Ave.	2020-07-15 14:40	0.82	<1		2	12	<1	0.18
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-10-22 08:30	0.54	<1		2	13	<1	0.18
Grab sample	RMD-214	11720 Westminster Hwy.	2020-10-02 09:45	0.95	<1		2	13	<1	0.18
Grab sample	RMD-216	11080 No. 2 Rd.	2020-10-02 08:00	0.86	<1		2	14	<1	0.18
Grab sample	RMD-276	22271 Cochrane Drive	2020-07-30 10:25	0.76	<1		2	14	<1	0.18
Grab sample	RMD-276	22271 Cochrane Drive	2020-08-21 10:30	0.77	<1		2	14	<1	0.18
Grab sample	RMD-208	13200 No. 4 Rd.	2020-09-18 08:45	0.83	<1		2	15	<1	0.18
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-09-02 15:15	0.69	<1		2	15	<1	0.18
Grab sample	RMD-267	17240 Fedoruk	2020-08-21 10:00	0.65	<1		2	16	<1	0.18
Grab sample	RMD-272	751 Catalina Cres.	2020-10-06 10:30	0.86	<1		4	14	<1	0.18
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-07-27 12:45	0.68	<1		4	18	<1	0.18
Grab sample	RMD-278	6651 Fraserwood Place	2020-04-22 13:30	0.59	<1		8	8	<1	0.18
Grab sample	RMD-270	8200 Jones Rd.	2020-10-06 09:15	0.72	<1		14	15	<1	0.18
Grab sample	RMD-272	751 Catalina Cres.	2020-02-03 15:25	0.87	<1		16	6	<1	0.18
Grab sample	RMD-214	11720 Westminster Hwy.	2020-03-20 09:45	0.81	<1		<2	4	<1	0.18
Grab sample	RMD-264	13100 Mitchell Rd.	2020-02-19 12:45	0.75	<1		<2	4	<1	0.18
Grab sample	RMD-202	1500 Valemont Way	2020-03-20 09:25	0.7	<1		<2	5	<1	0.18
Grab sample	RMD-203	23260 Westminster Hwy.	2020-01-30 11:00	0.62	<1		<2	5	<1	0.18
Grab sample	RMD-204	3180 Granville Ave.	2020-03-06 07:30	0.74	<1		<2	5	<1	0.18
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-03-06 10:15	0.84	<1		<2	5	<1	0.18
Grab sample	RMD-250	6071 Azure Rd.	2020-03-16 15:45	0.69	<1		<2	5	<1	0.18
Grab sample	RMD-259	10020 Amethyst Ave.	2020-01-29 14:30	0.89	<1		<2	5	<1	0.18
Grab sample	RMD-259	10020 Amethyst Ave.	2020-02-05 14:35	0.69	<1		<2	5	<1	0.18
Grab sample	RMD-264	13100 Mitchell Rd.	2020-01-15 12:45	0.86	<1		<2	5	<1	0.18
Grab sample	RMD-267	17240 Fedoruk	2020-02-07 10:00	0.63	<1		<2	5	<1	0.18
Grab sample	RMD-269	14951 Triangle Rd.	2020-03-09 13:50	0.67	<1		<2	5	<1	0.18
Grab sample	RMD-270	8200 Jones Rd.	2020-01-14 14:10	0.73	<1		<2	5	<1	0.18
Grab sample	RMD-272	751 Catalina Cres.	2020-01-14 15:30	0.82	<1		<2	5	<1	0.18
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-01-15 13:50	0.75	<1		<2	5	<1	0.18
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-03-26 10:15	0.6	<1		<2	6	<1	0.18
Grab sample	RMD-259	10020 Amethyst Ave.	2020-03-25 14:40	0.95	<1		<2	6	<1	0.18
Grab sample	RMD-260	11111 Horseshoe Way	2020-01-08 14:15	0.79	<1		<2	6	<1	0.18
Grab sample	RMD-261	9911 Sidaway Rd.	2020-03-25 14:05	0.89	<1		<2	6	<1	0.18
Grab sample	RMD-266	9380 General Currie Rd.	2020-01-29 14:45	1.03	<1		<2	6	<1	0.18
Grab sample	RMD-266	9380 General Currie Rd.	2020-12-09 14:50	0.8	<1		<2	6	<1	0.18
Grab sample	RMD-269	14951 Triangle Rd.	2020-03-23 13:55	0.77	<1		<2	6	<1	0.18
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-12-16 13:00	0.75	<1		<2	6	<1	0.18
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-12-09 13:50	0.71	<1		<2	6	<1	0.18
Grab sample	RMD-204	3180 Granville Ave.	2020-04-17 07:30	0.78	<1		<2	7	<1	0.18
Grab sample	RMD-253	11051 No 3 Rd.	2020-11-30 13:30	0.92	<1		<2	7	<1	0.18
Grab sample	RMD-205	13851 Steveston Hwy.	2020-11-19 10:00	0.66	<1		<2	8	<1	0.18
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-04-20 15:00	0.87	<1		<2	8	<1	0.18
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-12-02 07:45	0.7	<1		<2	8	<1	0.18
Grab sample	RMD-267	17240 Fedoruk	2020-04-17 10:00	0.64	<1		<2	8	<1	0.18
Grab sample	RMD-267	17240 Fedoruk	2020-11-27 11:00	0.71	<1		<2	8	<1	0.18
Grab sample	RMD-268	13800 No. 3 Rd. (off Garden City)	2020-11-25 08:00	0.75	<1		<2	8	<1	0.18
Grab sample	RMD-272	751 Catalina Cres.	2020-04-27 15:30	0.84	<1		<2	8	<1	0.18
Grab sample	RMD-202	1500 Valemont Way	2020-05-29 09:25	0.87	<1		<2	9	<1	0.18
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-11-02 14:05	0.89	<1		<2	9	<1	0.18
Grab sample	RMD-257	6640 Blundell Rd.	2020-11-25 07:30	0.76	<1		<2	9	<1	0.18
Grab sample	RMD-259	10020 Amethyst Ave.	2020-05-13 14:40	0.87	<1		<2	9	<1	0.18

Sample Type	Sample Name	Sample Description	Sample Date	Chlorine Free (mg/L)	Total (CFU/100mL)	Total (MPN/100mL)	Total (CFU/mL)	Temperature (°C)	Total Coliform (CFU/100mL)	Total Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-267	17240 Fedoruk	2020-05-21 09:55	0.78	<1		<2	12	<1		0.25
Grab sample	RMD-216	11080 No. 2 Rd.	2020-07-30 08:00	0.8	<1		<2	13	<1		0.25
Grab sample	RMD-251	5951 McCallan Rd.	2020-10-13 12:30	0.66	<1		<2	13	<1		0.25
Grab sample	RMD-269	14951 Triangle Rd.	2020-06-29 13:50	0.82	<1		<2	13	<1		0.25
Grab sample	RMD-202	1500 Valemont Way	2020-10-02 09:25	0.57	<1		<2	14	<1		0.25
Grab sample	RMD-206	4251 Moncton St.	2020-07-30 07:45	0.83	<1		<2	14	<1		0.25
Grab sample	RMD-275	5180 Smith Cres.	2020-10-08 10:25	0.59	<1		<2	14	<1		0.25
Grab sample	RMD-208	13200 No. 4 Rd.	2020-09-10 08:45	0.8	<1		<2	15	<1		0.25
Grab sample	RMD-257	6640 Blundell Rd.	2020-09-09 11:00	0.76	<1		<2	15	<1		0.25
Grab sample	RMD-216	11080 No. 2 Rd.	2020-01-16 08:00	0.78	<1		2	5	<1		0.26
Grab sample	RMD-250	6071 Azure Rd.	2020-01-27 15:45	1.05	<1		2	5	<1		0.26
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-02-05 13:15	0.82	<1		2	5	<1		0.26
Grab sample	RMD-250	6071 Azure Rd.	2020-03-02 15:45	0.74	<1		<2	5	<1		0.26
Grab sample	RMD-203	23260 Westminster Hwy.	2020-01-24 11:00	0.92	<1		<2	6	<1		0.26
Grab sample	RMD-275	5180 Smith Cres.	2020-01-24 10:40	0.79	<1		<2	6	<1		0.26
Grab sample	RMD-280	11500 McKenzie Rd.	2020-01-24 08:15	1.02	<1		<2	6	<1		0.26
Grab sample	RMD-269	14951 Triangle Rd.	2020-11-30 13:50	0.66	<1		<2	7	<1		0.26
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-02-24 12:45	0.59	<1		<2	7	<1		0.26
Grab sample	RMD-208	13200 No. 4 Rd.	2020-11-27 08:45	1.07	<1		<2	8	<1		0.26
Grab sample	RMD-269	14951 Triangle Rd.	2020-12-07 13:50	0.67	<1		<2	8	<1		0.26
Grab sample	RMD-203	23260 Westminster Hwy.	2020-11-13 11:00	0.71	<1		<2	9	<1		0.26
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-05-13 15:30	0.84	<1		<2	9	<1		0.26
Grab sample	RMD-275	5180 Smith Cres.	2020-05-07 10:40	0.61	<1		<2	10	<1		0.26
Grab sample	RMD-204	3180 Granville Ave.	2020-06-26 07:30	0.9	<1		<2	11	<1		0.26
Grab sample	RMD-205	13851 Steveston Hwy.	2020-07-24 09:00	0.8	<1		<2	11	<1		0.26
Grab sample	RMD-214	11720 Westminster Hwy.	2020-09-10 09:15	0.75	<1		<2	15	<1		0.26
Grab sample	RMD-278	6651 Fraserwood Place	2020-09-09 08:30	0.76	<1		<2	15	<1		0.26
Grab sample	RMD-205	13851 Steveston Hwy.	2020-10-02 09:00	0.64	<1		4	14	<1		0.27
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-10-21 15:30	0.65	<1		4	14	<1		0.27
Grab sample	RMD-216	11080 No. 2 Rd.	2020-09-10 08:00	0.81	<1		4	15	<1		0.27
Grab sample	RMD-280	11500 McKenzie Rd.	2020-02-07 08:15	0.86	<1		<2	5	<1		0.27
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-01-27 12:45	0.96	<1		<2	6	<1		0.27
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-11-09 15:00	0.9	<1		<2	8	<1		0.27
Grab sample	RMD-216	11080 No. 2 Rd.	2020-11-27 08:00	0.98	<1		<2	9	<1		0.27
Grab sample	RMD-278	6651 Fraserwood Place	2020-05-27 13:35	0.94	<1		<2	9	<1		0.27
Grab sample	RMD-254	5300 No. 3 Rd.	2020-11-23 14:25	0.75	<1		<2	10	<1		0.27
Grab sample	RMD-214	11720 Westminster Hwy.	2020-07-16 09:15	0.83	<1		<2	12	<1		0.27
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-08-05 13:00	0.77	<1		<2	13	<1		0.27
Grab sample	RMD-263	12560 Cambie Rd.	2020-09-16 12:30	0.73	<1		<2	14	<1		0.27
Grab sample	RMD-204	3180 Granville Ave.	2020-09-10 07:30	0.63	<1		<2	16	<1		0.27
Grab sample	RMD-271	3800 Cessna Drive	2020-11-23 15:10	0.73	<1		2	10	<1		0.28
Grab sample	RMD-270	8200 Jones Rd.	2020-10-26 14:15	0.66	<1		2	11	<1		0.28
Grab sample	RMD-269	14951 Triangle Rd.	2020-07-06 13:50	0.83	<1		2	14	<1		0.28
Grab sample	RMD-266	9380 General Currie Rd.	2020-02-19 15:00	0.68	<1		<2	5	<1		0.28
Grab sample	RMD-278	6651 Fraserwood Place	2020-01-15 13:35	0.85	<1		<2	5	<1		0.28
Grab sample	RMD-202	1500 Valemont Way	2020-04-17 09:25	0.71	<1		<2	7	<1		0.28
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-04-17 08:30	0.66	<1		<2	7	<1		0.28
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-04-17 10:15	0.58	<1		<2	9	<1		0.28
Grab sample	RMD-254	5300 No. 3 Rd.	2020-06-01 14:30	1.03	<1		<2	10	<1		0.28
Grab sample	RMD-206	4251 Moncton St.	2020-06-26 07:45	1	<1		<2	11	<1		0.28
Grab sample	RMD-257	6640 Blundell Rd.	2020-07-15 15:45	0.9	<1		<2	11	<1		0.28
Grab sample	RMD-266	9380 General Currie Rd.	2020-07-29 14:55	0.71	<1		<2	12	<1		0.28
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-09-30 13:50	0.79	<1		<2	13	<1		0.28
Grab sample	RMD-275	5180 Smith Cres.	2020-04-08 10:40	0.83	<1		4	8	<1		0.29
Grab sample	RMD-272	751 Catalina Cres.	2020-02-18 15:30	0.89	<1		12	4	<1		0.29
Grab sample	RMD-278	6651 Fraserwood Place	2020-05-06 13:35	0.7	<1		16	9	<1		0.29
Grab sample	RMD-264	13100 Mitchell Rd.	2020-09-16 13:00	0.62	<1		18	15	<1		0.29
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-02-18 15:00	0.73	<1		20	5	<1		0.29
Grab sample	RMD-202	1500 Valemont Way	2020-01-24 09:20	1.03	<1		<2	5	<1		0.29
Grab sample	RMD-208	13200 No. 4 Rd.	2020-01-24 08:45	1.06	<1		<2	5	<1		0.29
Grab sample	RMD-216	11080 No. 2 Rd.	2020-01-24 08:00	1.04	<1		<2	5	<1		0.29
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-01-20 15:00	0.81	<1		<2	5	<1		0.29
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-03-02 15:00	0.66	<1		<2	5	<1		0.29
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-02-18 14:45	0.53	<1		<2	5	<1		0.29
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-02-07 08:30	0.71	<1		<2	6	<1		0.29
Grab sample	RMD-261	9911 Sidaway Rd.	2020-02-05 14:05	0.56	<1		<2	6	<1		0.29
Grab sample	RMD-278	6651 Fraserwood Place	2020-02-05 13:35	0.72	<1		<2	6	<1		0.29
Grab sample	RMD-203	23260 Westminster Hwy.	2020-05-29 11:00	0.93	<1		<2	9	<1		0.29
Grab sample	RMD-251	5951 McCallan Rd.	2020-06-15 12:30	0.89	<1		<2	10	<1		0.29
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-06-15 14:55	1.12	<1		<2	10	<1		0.29
Grab sample	RMD-260	11111 Horseshoe Way	2020-07-15 14:25	0.99	<1		<2	10	<1		0.29
Grab sample	RMD-252	9751 Pendleton Rd.	2020-10-26 13:00	0.57	<1		<2	11	<1		0.29
Grab sample	RMD-260	11111 Horseshoe Way	2020-07-22 14:25	0.71	<1		<2	11	<1		0.29
Grab sample	RMD-253	11051 No 3 Rd.	2020-08-04 13:30	0.77	<1		<2	12	<1		0.29
Grab sample	RMD-266	9380 General Currie Rd.	2020-07-15 14:55	0.89	<1		<2	12	<1		0.29
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-08-05 13:50	0.63	<1		<2	12	<1		0.29
Grab sample	RMD-203	23260 Westminster Hwy.	2020-09-10 10:55	0.72	<1		<2	17	<1		0.29
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-10-26 15:00	0.68	<1		4	10	<1		0.3

Sample type	Sample Name	Sample Description	Sampled date	Chlorine Free (mg/L)	Total (CFU/100mLs)	Total (MPN/100mLs)	Temp (°C)	Fecal Coliform (CFU/100mLs)	Fecal Coliform (MPN/100mLs)	Turbidity (NTU)
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-08-17 15:00	0.8	<1		4	<1		0.3
Grab sample	RMD-204	3180 Granville Ave.	2020-01-24 07:30	1.09	<1		<2	<1		0.3
Grab sample	RMD-250	6071 Azure Rd.	2020-02-18 15:45	0.75	<1		<2	<1		0.3
Grab sample	RMD-251	5951 McCallan Rd.	2020-03-09 12:30	0.77	<1		<2	<1		0.3
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-01-06 15:00	0.92	<1		<2	<1		0.3
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-11-05 10:10	0.64	<1		<2	<1		0.3
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-07-06 15:00	1.04	<1		<2	<1		0.3
Grab sample	RMD-257	6640 Blundell Rd.	2020-07-22 15:45	0.81	<1		<2	<1		0.3
Grab sample	RMD-275	5180 Smith Cres.	2020-06-18 10:45	0.86	<1		<2	<1		0.3
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-11-04 15:30	0.69	<1		<2	<1		0.3
Grab sample	RMD-204	3180 Granville Ave.	2020-07-16 07:30	0.71	<1		<2	<1		0.3
Grab sample	RMD-204	3180 Granville Ave.	2020-07-30 07:30	0.63	<1		<2	<1		0.3
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-10-06 10:00	1	<1		<2	<1		0.3
Grab sample	RMD-275	5180 Smith Cres.	2020-10-22 10:40	0.49	<1		<2	<1		0.3
Grab sample	RMD-257	6640 Blundell Rd.	2020-09-16 15:45	0.66	<1	14	14	2		0.31
Grab sample	RMD-278	6651 Fraserwood Place	2020-04-01 13:30	0.69	<1		4	6	<1	0.31
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-09-21 15:00	0.77	<1		4	14	<1	0.31
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-03-09 15:00	0.81	<1		<2	4	<1	0.31
Grab sample	RMD-206	4251 Moncton St.	2020-01-24 07:45	1.06	<1		<2	5	<1	0.31
Grab sample	RMD-214	11720 Westminister Hwy.	2020-01-16 09:35	0.87	<1		<2	5	<1	0.31
Grab sample	RMD-260	11111 Horseshoe Way	2020-02-05 14:20	0.68	<1		<2	5	<1	0.31
Grab sample	RMD-260	11111 Horseshoe Way	2020-03-25 14:20	1	<1		<2	6	<1	0.31
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-04-15 12:45	0.98	<1		<2	7	<1	0.31
Grab sample	RMD-202	1500 Valemont Way	2020-11-27 09:20	0.93	<1		<2	9	<1	0.31
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-05-04 15:00	0.86	<1		<2	9	<1	0.31
Grab sample	RMD-250	6071 Azure Rd.	2020-11-16 15:45	0.76	<1		<2	10	<1	0.31
Grab sample	RMD-280	11500 McKenzie Rd.	2020-07-10 08:15	0.89	<1		<2	11	<1	0.31
Grab sample	RMD-206	4251 Moncton St.	2020-10-22 07:45	0.75	<1		<2	12	<1	0.31
Grab sample	RMD-208	13200 No. 4 Rd.	2020-07-16 08:45	0.78	<1		<2	12	<1	0.31
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-08-31 15:00	0.86	<1		<2	14	<1	0.31
Grab sample	RMD-279	Opp. 20371 Westminister Hwy.	2020-09-09 08:45	0.79	<1		<2	16	<1	0.31
Grab sample	RMD-202	1500 Valemont Way	2020-02-07 09:25	0.64	<1		<2	5	<1	0.32
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-01-24 08:30	1.14	<1		<2	5	<1	0.32
Grab sample	RMD-254	5300 No. 3 Rd.	2020-02-18 14:30	0.88	<1		<2	5	<1	0.32
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-12-09 12:45	0.83	<1		<2	6	<1	0.32
Grab sample	RMD-280	11500 McKenzie Rd.	2020-04-17 08:15	0.62	<1		<2	8	<1	0.32
Grab sample	RMD-203	23260 Westminister Hwy.	2020-11-27 12:00	0.7	<1		<2	9	<1	0.32
Grab sample	RMD-275	5180 Smith Cres.	2020-05-21 10:40	0.69	<1		<2	11	<1	0.32
Grab sample	RMD-275	5180 Smith Cres.	2020-10-30 10:45	0.31	<1		<2	11	<1	0.32
Grab sample	RMD-250	6071 Azure Rd.	2020-07-06 15:45	0.84	<1		<2	14	<1	0.32
Grab sample	RMD-206	4251 Moncton St.	2020-09-10 07:45	0.71	<1		<2	15	<1	0.32
Grab sample	RMD-257	6640 Blundell Rd.	2020-07-29 15:45	0.77	<1	2	12	17	<1	0.33
Grab sample	RMD-272	751 Catalina Cres.	2020-01-27 15:25	0.73	<1	16	5	<1		0.33
Grab sample	RMD-253	11051 No 3 Rd.	2020-02-18 13:30	0.72	<1		<2	5	<1	0.33
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-02-10 15:00	0.81	<1		<2	5	<1	0.33
Grab sample	RMD-274	10920 Springwood Court	2020-02-18 13:15	0.73	<1		<2	5	<1	0.33
Grab sample	RMD-275	5180 Smith Cres.	2020-01-30 10:45	0.63	<1		<2	5	<1	0.33
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-03-30 15:00	0.93	<1		<2	6	<1	0.33
Grab sample	RMD-203	23260 Westminister Hwy.	2020-04-08 10:55	0.86	<1		<2	7	<1	0.33
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-04-14 15:00	0.93	<1		<2	7	<1	0.33
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-12-02 10:10	0.97	<1		<2	7	<1	0.33
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-06-29 15:00	1.16	<1		<2	12	<1	0.33
Grab sample	RMD-204	3180 Granville Ave.	2020-07-02 07:30	0.87	<1		<2	14	<1	0.33
Grab sample	RMD-264	13100 Mitchell Rd.	2020-09-23 12:45	0.76	<1		<2	15	<1	0.33
Grab sample	RMD-274	10920 Springwood Court	2020-08-17 13:15	0.63	<1		<2	17	<1	0.33
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-09-23 13:00	0.77	<1	2	15	<1		0.34
Grab sample	RMD-275	5180 Smith Cres.	2020-03-26 10:45	0.75	<1		<2	5	<1	0.34
Grab sample	RMD-279	Opp. 20371 Westminister Hwy.	2020-02-05 13:50	0.76	<1		<2	5	<1	0.34
Grab sample	RMD-203	23260 Westminister Hwy.	2020-12-03 10:35	0.65	<1		<2	7	<1	0.34
Grab sample	RMD-260	11111 Horseshoe Way	2020-04-15 14:20	0.93	<1		<2	7	<1	0.34
Grab sample	RMD-206	4251 Moncton St.	2020-11-27 07:45	0.74	<1		<2	8	<1	0.34
Grab sample	RMD-260	11111 Horseshoe Way	2020-11-04 14:20	0.81	<1		<2	12	<1	0.34
Grab sample	RMD-279	Opp. 20371 Westminister Hwy.	2020-07-08 13:50	1.1	<1		<2	12	<1	0.34
Grab sample	RMD-263	12560 Cambie Rd.	2020-01-22 12:30	0.9	<1		<2	5	<1	0.35
Grab sample	RMD-251	5951 McCallan Rd.	2020-07-06 12:30	0.87	<1		<2	12	<1	0.35
Grab sample	RMD-278	6651 Fraserwood Place	2020-02-19 13:35	0.65	<1		<2	6	<1	0.36
Grab sample	RMD-264	13100 Mitchell Rd.	2020-04-15 13:00	0.74	<1		<2	7	<1	0.36
Grab sample	RMD-214	11720 Westminister Hwy.	2020-11-27 09:40	1.15	<1		<2	8	<1	0.36
Grab sample	RMD-280	11500 McKenzie Rd.	2020-11-27 08:15	1.01	<1		<2	8	<1	0.36
Grab sample	RMD-254	5300 No. 3 Rd.	2020-01-27 14:20	1.1	<1		<2	5	<1	0.37
Grab sample	RMD-212	Opp. 8600 Ryan Rd.	2020-05-21 08:30	0.78	<1		<2	12	<1	0.37
Grab sample	RMD-275	5180 Smith Cres.	2020-06-04 10:45	1.02	<1		<2	12	<1	0.37
Grab sample	RMD-275	5180 Smith Cres.	2020-07-02 10:40	0.86	<1		<2	13	<1	0.37
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-08-31 14:45	0.5	<1		<2	15	<1	0.37
Grab sample	RMD-216	11080 No. 2 Rd.	2020-02-07 08:00	0.84	<1		<2	5	<1	0.38
Grab sample	RMD-250	6071 Azure Rd.	2020-11-30 15:45	0.81	<1		<2	7	<1	0.38
Grab sample	RMD-206	4251 Moncton St.	2020-10-16 07:45	0.56	<1		<2	13	<1	0.38
Grab sample	RMD-280	11500 McKenzie Rd.	2020-10-16 09:15	0.73	<1		<2	14	<1	0.38

Sample Type	Sample ID	Sample Description	Sample Date	Chlorine Free (mg/L)	Coli (CFU/100mL)	Coli (MPN/100mL)	Temp (°C)	Total Coliform (CFU/100mL)	Fecal Coliform (MPN/100mL)	Turbidity (NTU)
Grab sample	RMD-280	11500 McKenzie Rd.	2020-08-07 08:15	0.74	<1		<2	15	<1	0.38
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-01-27 14:55	1.1	<1		<2	6	<1	0.39
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-11-30 15:00	0.78	<1		<2	6	<1	0.39
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-05-11 15:00	0.72	<1		<2	9	<1	0.39
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-08-04 14:55	0.77	<1		<2	11	<1	0.39
Grab sample	RMD-257	6640 Blundell Rd.	2020-11-04 15:45	0.74	<1		<2	11	<1	0.39
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-11-04 12:45	0.84	<1		2	12	<1	0.4
Grab sample	RMD-254	5300 No. 3 Rd.	2020-07-20 14:30	0.69	<1		<2	13	<1	0.4
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-01-14 14:45	0.81	<1		<2	5	<1	0.41
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-09-18 13:00	0.92	<1		<2	5	<1	0.41
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-03-23 12:45	0.74	<1		<2	7	<1	0.42
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-02-24 15:00	0.67	<1		<2	6	<1	0.43
Grab sample	RMD-259	10020 Amethyst Ave.	2020-04-15 14:40	0.87	<1		<2	7	<1	0.43
Grab sample	RMD-250	6071 Azure Rd.	2020-07-13 15:45	0.73	<1		<2	13	<1	0.43
Repeat	RMD-257	6640 Blundell Rd.(Post flush)	2020-09-18 18:45	0.85		<1	NA	15	<1	0.43
Grab sample	RMD-266	9380 General Currie Rd.	2020-01-22 14:55	0.83	<1		<2	6	<1	0.44
Grab sample	RMD-275	5180 Smith Cres.	2020-07-16 10:40	0.64	<1		<2	14	<1	0.44
Grab sample	RMD-255	6000 Blk. Miller Rd.	2020-04-27 15:00	0.78	<1		2	8	<1	0.45
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-10-28 12:45	0.75	<1		2	11	<1	0.45
Grab sample	RMD-204	3180 Granville Ave.	2020-11-27 07:30	0.95	<1		<2	9	<1	0.45
Grab sample	RMD-214	11720 Westminster Hwy.	2020-01-10 09:45	0.87	<1		90	5	<1	0.47
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-04-01 12:45	0.76	<1		2	6	<1	0.48
Grab sample	RMD-214	11720 Westminster Hwy.	2020-01-24 09:35	0.98	<1		<2	5	<1	0.48
Grab sample	RMD-252	9751 Pendleton Rd.	2020-11-02 13:00	0.67	<1		2	12	<1	0.5
Grab sample	RMD-275	5180 Smith Cres.	2020-10-16 10:40	0.48	<1		12	14	<1	0.5
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-10-14 15:25	0.43	LA		<2	16	LA	0.51
Grab sample	RMD-280	11500 McKenzie Rd.	2020-07-24 08:15	0.98	<1		<2	12	<1	0.52
Grab sample	RMD-256	1000 Blk. McDonald Rd.	2020-03-16 14:45	0.71	<1		<2	5	<1	0.53
Grab sample	RMD-276	22271 Cochrane Drive	2020-04-08 10:25	0.73	<1		<2	8	<1	0.54
Grab sample	RMD-249	23000 Blk. Dyke Rd.	2020-07-16 10:10	0.74	<1		<2	12	<1	0.54
Grab sample	RMD-274	10920 Springwood Court	2020-11-02 13:15	0.92	<1		<2	12	<1	0.54
Grab sample	RMD-277	Opp. 11280 Twigg Place	2020-11-18 12:45	0.84	<1		<2	9	<1	0.56
Grab sample	RMD-264	13100 Mitchell Rd.	2020-11-18 13:00	0.68	<1		<2	9	<1	0.58
Grab sample	RMD-278	6651 Fraserwood Place	2020-08-05 13:35	0.75	<1		2	13	<1	0.67
Grab sample	RMD-262	13799 Commerce Pkwy.	2020-04-15 13:15	0.79	<1		<2	7	<1	0.68
Grab sample	RMD-280	11500 McKenzie Rd.	2020-06-12 08:15	0.98	<1		<2	12	<1	0.68
Grab sample	RMD-269	14951 Triangle Rd.	2020-06-01 13:50	0.86	<1		22	10	<1	0.69
Grab sample	RMD-257	6640 Blundell Rd.	2020-01-22 15:40	0.93	<1		<2	5	<1	0.71
Grab sample	RMD-280	11500 McKenzie Rd.	2020-10-30 08:15	0.72	<1		<2	10	<1	0.74
Grab sample	RMD-203	23260 Westminster Hwy.	2020-07-16 10:55	0.86	<1		<2	12	<1	0.82
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-09-30 15:30	0.41	<1		2	18	<1	0.86
Grab sample	RMD-275	5180 Smith Cres.	2020-07-10 10:45	0.55	<1		<2	12	<1	0.88
Grab sample	RMD-273	Opp. 8331 Fairfax Place	2020-02-18 12:45	0.72	<1		<2	6	<1	0.93
Grab sample	RMD-206	4251 Moncton St.	2020-02-07 07:45	0.82	<1		<2	5	<1	0.94
Grab sample	RMD-276	22271 Cochrane Drive	2020-07-16 10:25	0.76	<1		<2	12	<1	0.94
Grab sample	RMD-270	8200 Jones Rd.	2020-02-10 14:15	0.71	<1		<2	5	<1	1
Grab sample	RMD-279	Opp. 20371 Westminster Hwy.	2020-07-15 13:50	0.86	<1		<2	11	<1	1.2
Grab sample	RMD-278	6651 Fraserwood Place	2020-07-15 13:35	0.82	<1		<2	12	<1	1.2
Grab sample	RMD-280	11500 McKenzie Rd.	2020-09-18 08:15	1.12	<1		2	14	<1	1.5
Grab sample	RMD-271	3800 Cessna Drive	2020-01-06 15:15	0.91	<1		<2	6	<1	1.8
Grab sample	RMD-252	9751 Pendleton Rd.	2020-04-27 13:00	0.84	<1		<2	8	<1	2.1
Grab sample	RMD-278	6651 Fraserwood Place	2020-01-22 13:35	0.7	<1		<2	5	<1	2.7
Grab sample	RMD-261	9911 Sidaway Rd.	2020-01-08 14:00	0.82	<1		<2	5	<1	3.5
Grab sample	RMD-258	7000 Blk. Dyke Rd.	2020-10-07 15:30	0.35		<1	44	17	<1	9.7
Grab sample	RMD-254	5300 No. 3 Rd.	2020-06-08 14:30	0.97	<1		<2	12	<1	LA

APPENDIX 4: 2020 THM AND HAA TEST RESULTS

Sample	Date Collected	THM (ppb)					Total THM Quarterly Average (Maximum Daily 150 ppb)	HAA (ppb)						
		Bromochloroacetic Acid	Bromoform	Chloroacetic Acid	Dibromoform	Trihalomethanes		Dibromoacetic Acid	Dichloroacetic Acid	Monobromoacetic Acid	Monochloroacetic Acid	Trichloroacetic Acid	Total Haloacetic Acid	Total HAA Quarterly Average (Maximum Daily 10 ppb)
RMD-250	8-Aug-18	<1	<1	<1	18	18		<0.5	6	<1	<2	5.2	12.2	
RMD-250	21-Nov-18	2	<1	<1	27	29		<0.5	13	<1	<2	11.4	25.9	
RMD-250	20-Feb-19	<1	<1	<1	16	18	22	<0.5	8	<1	<2	6.3	15.9	18
RMD-250	13-May-19	<1	<1	<1	26	28	23	<0.5	13	<1	<2	12.1	26.9	20
RMD-250	21-Aug-19	<1	<1	<1	20	21	24	<0.5	6	<1	<2	4.9	12.1	20
RMD-250	4-Dec-19	<1	<1	<1	25	27	24	<0.5	7	<1	<2	7.4	15.1	18
RMD-250	26-Feb-20	<1	<1	<1	19	21	24	<0.5	7	<1	<2	7.8	15.4	17
RMD-250	27-May-20	<1	<1	<1	22	24	23	<0.5	9	<1	<2	8	18	15
RMD-251	30-May-18	<1	<1	<1	22	22		<0.5	4	<1	<2	3.5	9.1	
RMD-251	8-Aug-18	<1	<1	<1	16	16		<0.5	6	<1	<2	4.8	11.7	
RMD-251	21-Nov-18	1	<1	<1	26	29		<0.5	11	<1	<2	9.5	22.9	
RMD-251	20-Feb-19	<1	<1	<1	17	18	21	<0.5	9	<1	<2	7.5	18.6	16
RMD-251	13-May-19	<1	<1	<1	25	27	23	<0.5	12	<1	<2	10.3	23.9	19
RMD-251	21-Aug-19	<1	<1	<1	22	24	25	<0.5	7	<1	<2	5.7	13.9	20
RMD-251	4-Dec-19	<1	<1	<1	28	29	25	<0.5	11	<1	<2	11.8	23.3	20
RMD-251	26-Feb-20	<1	<1	<1	20	22	26	<0.5	7	<1	<2	8.2	15.9	19
RMD-251	27-May-20	<1	<1	<1	24	26	25	<0.5	8	<1	<2	6.9	15.1	17
RMD-258	30-May-18	<1	<1	<1	22	22		<0.5	7	<1	<2	5.5	14.9	
RMD-258	8-Aug-18	<1	<1	<1	22	22		<0.5	8	<1	<2	6.7	15.8	
RMD-258	21-Nov-18	2	<1	<1	29	31		<0.5	11	<1	<2	9.2	22.7	
RMD-258	18-Mar-19	1	<1	<1	24	27	26	<0.5	11	<1	<2	11	24.4	19
RMD-258	13-May-19	<1	<1	<1	29	31	28	<0.5	13	<1	<2	12.2	26.8	22
RMD-258	21-Aug-19	1	<1	<1	27	28	29	<0.5	9	<1	<2	8.6	18.3	23
RMD-258	4-Dec-19	<1	<1	<1	31	33	30	<0.5	11	<1	<2	16.4	28.6	25
RMD-258	26-Feb-20	<1	<1	<1	23	25	29	<0.5	7	<1	<2	6.1	13.1	22
RMD-258	27-May-20	<1	<1	<1	26	28	29	<0.5	9	<1	<2	8.3	18.4	20
RMD-259	30-May-18	<1	<1	<1	25	25		<0.5	8	<1	<2	7.4	18	
RMD-259	8-Aug-18	<1	<1	<1	24	25		<0.5	9	<1	<2	7.7	19.2	
RMD-259	21-Nov-18	2	<1	<1	31	33		<0.5	13	<1	<2	11.5	26.9	
RMD-259	20-Feb-19	<1	<1	<1	18	20	26	<0.5	9	<1	<2	8	18.7	21
RMD-259	13-May-19	<1	<1	<1	27	29	27	<0.5	15	<1	<2	15.2	32.6	24
RMD-259	21-Aug-19	1	<1	<1	24	26	27	<0.5	8	<1	<2	6.6	15.5	23
RMD-259	4-Dec-19	<1	<1	<1	30	32	27	<0.5	9	<1	<2	9.5	18.9	21
RMD-259	26-Feb-20	<1	<1	<1	22	23	28	<0.5	8	<1	<2	9.3	18.7	21
RMD-259	27-May-20	<1	<1	<1	23	26	27	<0.5	9	<1	<2	8.1	17.7	18

Sample	Date Sampled	THM9 (ppb)					Total THM9 Quarterly Average (excludes first 20 ppb)
		Brominated Disinfection Byproduct	Chloroform	Chlorobromomethane	Chloroform	Total Trihalomethanes	
RMD-250	8-Aug-18	<1	<1	<1	18	18	
RMD-250	21-Nov-18	2	<1	<1	27	29	
RMD-250	20-Feb-19	<1	<1	<1	16	18	22
RMD-250	13-May-19	<1	<1	<1	26	28	23
RMD-250	21-Aug-19	<1	<1	<1	20	21	24
RMD-250	4-Dec-19	<1	<1	<1	25	27	24
RMD-250	26-Feb-20	<1	<1	<1	19	21	24
RMD-250	27-May-20	<1	<1	<1	22	24	23
RMD-250	12-Aug-20	1	<1	<1	25	27	25
RMD-250	2-Dec-20	<1	<1	<1	25	25	24
RMD-251	30-May-18	<1	<1	<1	22	22	
RMD-251	8-Aug-18	<1	<1	<1	16	16	
RMD-251	21-Nov-18	1	<1	<1	26	29	
RMD-251	20-Feb-19	<1	<1	<1	17	18	21
RMD-251	13-May-19	<1	<1	<1	25	27	23
RMD-251	21-Aug-19	<1	<1	<1	22	24	25
RMD-251	4-Dec-19	<1	<1	<1	28	29	25
RMD-251	26-Feb-20	<1	<1	<1	20	22	26
RMD-251	27-May-20	<1	<1	<1	24	26	25
RMD-251	12-Aug-20	1	<1	<1	26	27	26
RMD-251	2-Dec-20	<1	<1	<1	24	25	25
RMD-258	30-May-18	<1	<1	<1	22	22	
RMD-258	8-Aug-18	<1	<1	<1	22	22	
RMD-258	21-Nov-18	2	<1	<1	29	31	
RMD-258	18-Mar-19	1	<1	<1	24	27	26
RMD-258	13-May-19	<1	<1	<1	29	31	28
RMD-258	21-Aug-19	1	<1	<1	27	28	29
RMD-258	4-Dec-19	<1	<1	<1	31	33	30
RMD-258	26-Feb-20	<1	<1	<1	23	25	29
RMD-258	27-May-20	<1	<1	<1	26	28	29
RMD-258	12-Aug-20	1	<1	<1	30	32	30
RMD-258	2-Dec-20	<1	<1	<1	27	28	28
RMD-259	30-May-18	<1	<1	<1	25	25	
RMD-259	8-Aug-18	<1	<1	<1	24	25	
RMD-259	21-Nov-18	2	<1	<1	31	33	
RMD-259	20-Feb-19	<1	<1	<1	18	20	26
RMD-259	13-May-19	<1	<1	<1	27	29	27
RMD-259	21-Aug-19	1	<1	<1	24	26	27
RMD-259	4-Dec-19	<1	<1	<1	30	32	27
RMD-259	26-Feb-20	<1	<1	<1	22	23	28
RMD-259	27-May-20	<1	<1	<1	23	26	27
RMD-259	12-Aug-20	1	<1	<1	28	29	28
RMD-259	2-Dec-20	<1	<1	<1	24	25	26

HAA (ppb)						
Dibromoacetic Acid	Dichloroacetic Acid	Monobromoacetic Acid	Monochloroacetic Acid	Trichloroacetic Acid	Total Haloacetic Acid	Total HAA Quarterly Average (excludes first 20 ppb)
<0.5	6	<1	<2	5.2	12.2	
<0.5	13	<1	<2	11.4	25.9	
<0.5	8	<1	<2	6.3	15.9	18
<0.5	13	<1	<2	12.1	26.9	20
<0.5	6	<1	<2	4.9	12.1	20
<0.5	7	<1	<2	7.4	15.1	18
<0.5	7	<1	<2	7.8	15.4	17
<0.5	9	<1	<2	8	18	15
<0.5	9	<1	<2	7.3	16.2	16
<0.5	11	<1	2	13.9	28.8	20
<0.5	4	<1	<2	3.5	9.1	
<0.5	6	<1	<2	4.8	11.7	
<0.5	11	<1	<2	9.5	22.9	
<0.5	9	<1	<2	7.5	18.6	16
<0.5	12	<1	<2	10.3	23.9	19
<0.5	7	<1	<2	5.7	13.9	20
<0.5	11	<1	<2	11.8	23.3	20
<0.5	7	<1	<2	8.2	15.9	19
<0.5	8	<1	<2	6.9	15.1	17
<0.5	8	<1	<2	6	14.3	17
<0.5	10	<1	2	11.1	23.7	17
<0.5	7	<1	<2	5.5	14.9	
<0.5	8	<1	<2	6.7	15.8	
<0.5	11	<1	<2	9.2	22.7	
<0.5	11	<1	<2	11	24.4	19
<0.5	13	<1	<2	12.2	26.8	22
<0.5	9	<1	<2	8.6	18.3	23
<0.5	11	<1	<2	16.4	28.6	25
<0.5	7	<1	<2	6.1	13.1	22
<0.5	9	<1	<2	8.3	18.4	20
<0.5	10	<1	<2	9.3	19.7	20
<0.5	11	<1	2	13.4	27.5	20
<0.5	8	<1	<2	7.4	18	
<0.5	9	<1	<2	7.7	19.2	
<0.5	13	<1	<2	11.5	26.9	
<0.5	9	<1	<2	8	18.7	21
<0.5	15	<1	<2	15.2	32.6	24
<0.5	8	<1	<2	6.6	15.5	23
<0.5	9	<1	<2	9.5	18.9	21
<0.5	8	<1	<2	9.3	18.7	21
<0.5	9	<1	<2	8.1	17.7	18
<0.5	8	<1	<2	6.8	15.4	18
<0.5	11	<1	<2	10.6	23.7	19

APPENDIX 5: 2020 METAL AND VINYL CHLORIDE TESTING RESULTS

Metal Limits

Parameter	Canadian Guideline Limit	Reason Guideline Established
Aluminium Total (µg/L)	200	Aesthetic
Antimony Total (µg/L)	6	Health
Arsenic Total (µg/L)	10 (ALARA)	Health
Barium Total (µg/L)	1000	Health
Boron Total (µg/L)	5000	Health
Cadmium Total (µg/L)	5	Health
Calcium Total (µg/L)	none	
Chromium Total (µg/L)	50	Health
Cobalt Total (µg/L)	none	
Copper Total (µg/L)	≤2000	Health
Iron Total (µg/L)	≤ 300	Aesthetic
Lead Total (µg/L)	5 (ALARA)	Health
Magnesium Total (µg/L)	none	
Manganese Total (µg/L)	120	Health
Mercury Total (µg/L)	1	Health
Molybdenum Total (µg/L)	none	
Nickel Total (µg/L)	none	
Potassium Total (µg/L)	none	
Selenium Total (µg/L)	50	Health
Silver Total (µg/L)	none	
Sodium Total (µg/L)	≤ 200,000	Aesthetic
Zinc Total (µg/L)	≤ 5000	Aesthetic

ALARA = As Low As Reasonably Achievable

None = no established maximum acceptable concentration (MAC)

Updated June 2019

Metals

Sample Name	RMD-250	RMD-257	RMD-263
Sample Description	6071 Azure Road	6640 Blundell Road	12560 Cambie Road
Sample Date	2020-03-25 3:00 PM	2020-03-25 3:45 PM	2020-03-25 12:30 PM
Sample Type	GRAB	GRAB	GRAB
Aluminium Total (µg/L)	26	26	27
Antimony Total (µg/L)	<0.5	<0.5	<0.5
Arsenic Total (µg/L)	<0.5	<0.5	<0.5
Barium Total (µg/L)	2	2	2
Boron Total (µg/L)	<10	<10	<10
Cadmium Total (µg/L)	<0.2	<0.2	<0.2
Calcium Total (µg/L)	4070	4050	4170
Chromium Total (µg/L)	<0.05	<0.05	<0.05
Cobalt Total (µg/L)	<0.5	<0.5	<0.5
Copper Total (µg/L)	0.9	0.7	0.7
Iron Total (µg/L)	<5	<5	<5
Lead Total (µg/L)	<0.5	<0.5	<0.5
Magnesium Total (µg/L)	152	152	152
Manganese Total (µg/L)	1.3	1.9	1.4
Mercury Total (µg/L)	<0.05	<0.05	<0.05
Molybdenum Total (µg/L)	<0.5	<0.5	<0.5
Nickel Total (µg/L)	<0.5	<0.5	<0.5
Potassium Total (µg/L)	161	162	161
Selenium Total (µg/L)	<0.5	<0.5	<0.5
Silver Total (µg/L)	<0.5	<0.5	<0.5
Sodium Total (µg/L)	1580	1580	1630
Zinc Total (µg/L)	<3.0	<3.0	<3.0

Sample Name	RMD-250	RMD-257	RMD-263
Sample Description	6071 Azure Road	6640 Blundell Road	12560 Cambie Road
Sample Date	2020-10-27 9:30 AM	2020-10-27 9:50 AM	2020-10-27 10:10 AM
Sample Type	GRAB	GRAB	GRAB
Aluminium Total (µg/L)	28	31	29
Antimony Total (µg/L)	<0.5	<0.5	<0.5
Arsenic Total (µg/L)	<0.5	<0.5	<0.5
Barium Total (µg/L)	3.3	3.3	3.3
Boron Total (µg/L)	<10	<10	<10
Cadmium Total (µg/L)	<0.2	<0.2	<0.2
Calcium Total (µg/L)	4400	4590	4480
Chromium Total (µg/L)	<0.05	0.06	<0.05
Cobalt Total (µg/L)	<0.5	<0.5	<0.5
Copper Total (µg/L)	10.9	0.8	5.6
Iron Total (µg/L)	<5	8	<5
Lead Total (µg/L)	1.0	<0.5	<0.5
Magnesium Total (µg/L)	187	169	187
Manganese Total (µg/L)	1.2	3.0	2.0
Mercury Total (µg/L)	<0.05	<0.05	<0.05
Molybdenum Total (µg/L)	<0.5	<0.5	<0.5
Nickel Total (µg/L)	<0.5	<0.5	<0.5
Potassium Total (µg/L)	199	200	201
Selenium Total (µg/L)	<0.5	<0.5	<0.5
Silver Total (µg/L)	<0.5	<0.5	<0.5
Sodium Total (µg/L)	1910	1800	1910
Zinc Total (µg/L)	<3.0	<3.0	<3.0

Vinyl Chloride

Sample Name	Sample Description	Sample Date	Sample Type	Vinyl Chloride µg/L
RMD-205	13851 Steveston Highway	2020-06-17 1:45 PM	GRAB	<1
		2020-11-25 9:45 AM	GRAB	<1
RMD-206	4251 Moncton Street	2020-06-17 3:00 PM	GRAB	<1
		2020-11-25 8:30 AM	GRAB	<1
RMD-253	11051 No. 3 Road	2020-06-17 2:30 PM	GRAB	<1
		2020-11-25 8:55 AM	GRAB	<1
RMD-256	1000 Block McDonald Road	2020-06-17 1:30 PM	GRAB	<1
		2020-11-25 7:50 AM	GRAB	<1
RMD-263	12560 Cambie Road	2020-06-17 12:30 PM	GRAB	<1
		2020-11-25 10:30 AM	GRAB	<1

The current Canadian guideline for vinyl chloride is 0.002 mg/L (or 2 µg/L).

APPENDIX 6: SPECIFIC EMERGENCY RESPONSE PLANS

Positive Response for E. Coli or Fecal Coliform

In the event of possible E. Coli or fecal coliform contamination, all steps to ensure public health and safety will be taken, including banning water usage if necessary. If a water sample tests positive for fecal coliform, the following response plan will occur:

- The City of Richmond's water quality staff, the Drinking Water Officer and the Medical Health Officer will be notified by the Metro Vancouver laboratory.
- Interim samples from the site will be examined. Interim samples are samples in the period between when the fecal positive sample was taken and when it was determined to be fecal positive.
- Arrangements will be made for the immediate collection of a repeat sample including, where possible, samples from upstream and downstream of the fecal positive sample.
- Chlorine residual for the sample noted on the sampler's data sheet will be reviewed to determine if a localized loss of disinfectant occurred.
- Water Services staff will be contacted to determine if there was any loss of pressure or other unusual events that may have led to contaminants entering the system.
- The need for a boil-water advisory will be evaluated by the City, the Drinking Water Officer and the Medical Health Officer. If a boil water advisory is deemed necessary, the municipality will carry out various means to inform the public. Metro Vancouver will be informed of this public advisory.
- The City, in consultation with the Medical Health Officer, will determine the need and extent for a boil water advisory.
- The Metro Vancouver laboratory will initiate procedures to identify species of the fecal positive organism with standard biochemical tests.
- The Medical Health Officer will be contacted with the repeat sample results and the results of the species identification on the fecal positive sample when these tests are complete.

Chemical or Biological Contamination Response

In the event of chemical or biological contamination, in source waters or the City's distribution system, the following actions will be taken by the City of Richmond and Metro Vancouver:

- Immediately notify Vancouver Coastal Health.
- Identify the chemical and any public health risk factors associated with its presence in potable water.
- Isolate the contaminated zone area and determine the level of contamination.
- Issue a public advisory in consultation with the Drinking Water Officer and Medical Health Officer.

In the event of possible biological or chemical contamination, all steps to safety will be taken to ensure public health, including banning water usage if necessary.

Turbidity Response

Turbidity (cloudy water) occurs during periods of heavy rain at and surrounding Metro Vancouver water sources. The City of Richmond, in collaboration with Vancouver Coastal Health, developed a turbidity response plan, which considers the City's responsibility for due diligence without unreasonably constraining the water utility's ability to operate the system.

Should there be a turbidity event, the results will be assessed and staff will:

- Begin a rigorous sampling program for microbiological activity and residual chlorine.
- Monitor the City's supervisory control and data acquisition (SCADA) system with updates sent to Vancouver Coastal Health on a predetermined schedule.
- Flush areas and re-test.
- If necessary (in consultation with Vancouver Coastal Health), issue a public communication and issue a boil-water advisory to residents receiving turbid water.

Response to Interruption of Primary and/or Secondary Disinfection

Upon notification by Metro Vancouver Operations that an interruption in disinfection has occurred:

- Staff will monitor residual levels of chlorine at strategic locations in the Metro Vancouver supply area.
- The City's SCADA system will be monitored with updates sent to Vancouver Coastal Health on a predetermined schedule, as set by the health authority.
- In cases where chlorine residual is less than 0.2 ppm, City crews will flush the affected area until an acceptable level is achieved.

These actions will continue until disinfection is resumed and adequate levels of residual chlorine have been reached in the distribution system.

Response to Loss of Pressure Due to High Demand

In the event of a pressure loss due to high demand:

- City staff will attempt to rectify the problem as soon as possible using various demand management techniques and by supplementing supply to problem areas.
- Metro Vancouver, the Drinking Water Officer and the Medical Health Officer will be notified of any water quality issues.
- City staff will perform chlorine residual tests at various locations to determine if adequate disinfectant is present in the distribution.
- All water quality complaints from the public will be thoroughly investigated due to the potential for water contamination during low water pressure.

Response to Watermain Breaks with Suspected Contamination

All watermain breaks where chemical or microbiological contamination of the system is suspected will be immediately reported to the Drinking Water Officer and the Medical Health Officer. The municipality will isolate the contaminated section from the rest of the distribution system. Once the watermain has been repaired, chlorine residual testing will be conducted at various locations affected by the main break. If low chlorine residuals are found, necessary actions to increase the levels of free chlorine will be carried out. If bacterial contamination is suspected, water samples will be analyzed and appropriate action taken.



City of Richmond

6911 No. 3 Road, Richmond, BC V6Y 2C1

Telephone: 604-276-4000

www.richmond.ca

CNCL – 234