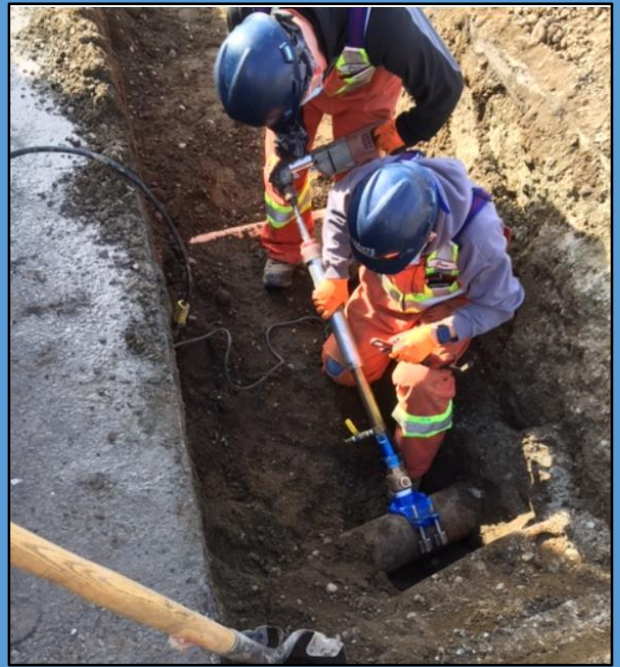


MY CITY

MY WATER



City of White Rock
2022 Annual Water Report

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Introduction

The City of White Rock (CoWR) is a unique, ocean-side community of nearly 20,000 citizens known for its sunny weather, expansive beach, historic pier, delightful restaurants, and sense of community. The City is located half an hour south of Vancouver on the shore of Semiahmoo Bay.

The City of White Rock's Water Utility Division provides safe and clean drinking water to its residents. The Engineering and Municipal Operations Department is responsible for the maintenance, repair and upgrades of the water supply and distribution system.

The Permit to Operate the Water Utility was issued by Fraser Health on August 21, 2019. Refer to Appendix A for a copy of the permit, which includes the following conditions:

The drinking water must be treated to provide an acceptable secondary disinfectant to the whole system that meets requirements of the Guidelines for Canadian Drinking Water Quality and is acceptable to Fraser Health Authority.

Arsenic and Manganese levels of the treated water must be monitored on a quarterly basis as a minimum. The results are to be provided to Fraser Health.

The City of White Rock has a Level 4 certified water Treatment Operator. The operator has been certified by the Environmental Operators Certification Program (EOCP).

Overview: Water Quality Milestones

This is the City of White Rock's seventh year of operating the Water Utility. The City has accomplished some substantial milestones, with significant past milestones listed below.

- May 31, 2019 - Water Treatment Plant achieved Notice of Completion.
- October 26, 2020 - The water utility was moved to be under the Operations Department to better utilize resources.

The City has hired a new Water Operator to add to staffing and continue to implement continual improvements to the utility infrastructure. While our water quality meets Canadian Drinking Water Guidelines, we are always striving to improve water quality beyond what is mandated, enhance the reliability and resiliency of our water infrastructure, and plan for our future.

Stay up to date with water related initiatives in White Rock at www.whiterockcity.ca/230/Water.

Source Water

Drinking water is obtained from the Sunnyside Uplands Aquifer and distributed through seven wells located throughout the City. Refer to Figure-1 for a plan of the aquifer extents.

The Sunnyside Aquifer is an important natural resource that is used as the water supply source for the CoWR. Population growth, climate change, sea level rise, and other users of the aquifer may put increasing pressure on the water supply system. The CoWR developed an Aquifer Protection Plan in 2018, as a key component in protecting the

community’s water supply source. Groundwater protection goals include stakeholder engagement, advancing the understanding of the aquifer characteristics, protecting groundwater quality from contamination, and ensuring future withdrawals sustainably meet future demands.

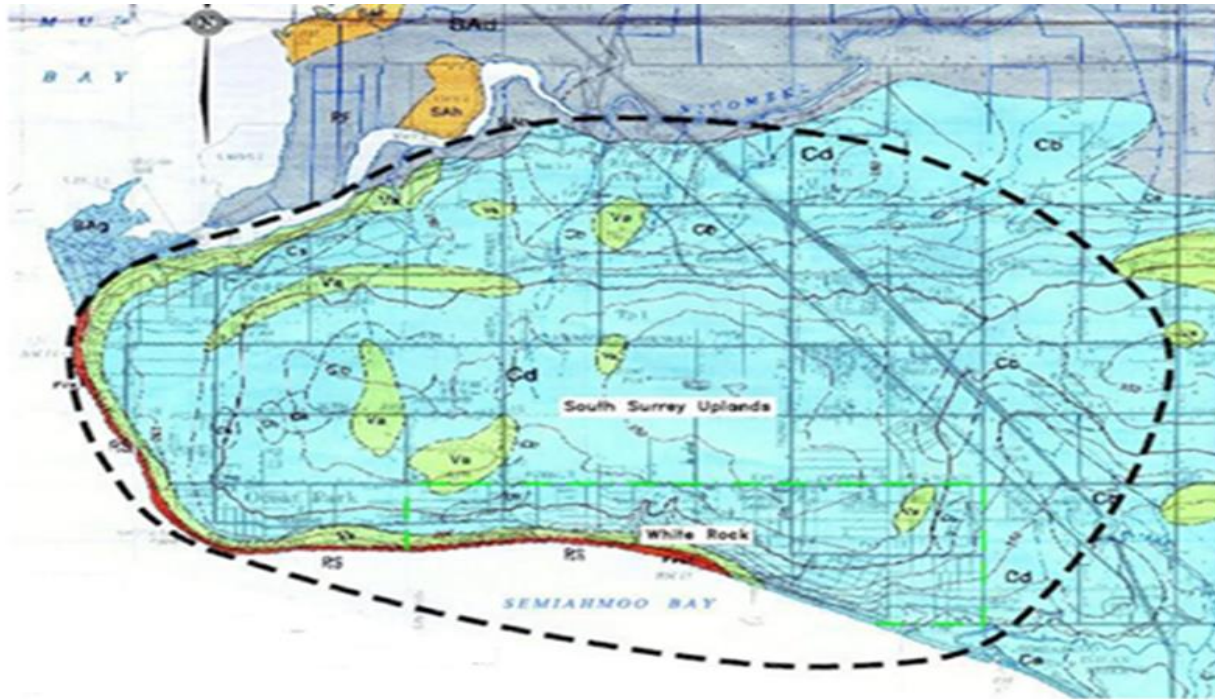


Figure 1 - Sunnyside Uplands Aquifer

Water Distribution System

The existing well network includes seven pumping wells located at three different sites as shown in Figure-2. The wells can provide a combined supply of approximately 15 ML per day. These wells provide adequate water supply for the CoWR community even at peak consumption during the summer months, when consumption has risen to 11 ML per day.

Wells 1, 2, 3, and 8 are located at the Oxford Site. In previous years well 4 was a seasonal well utilized during the months of June, July and August and is located at High Street. It is now connected to the Water Treatment Plant, which provides one common treatment plant for all wells. Wells 6 and 7 are located at the Merklin Site. Well 5 was taken out of service on February 16th, 2018, and Well 8 was constructed in 2018, Figure-2.



Figure 2 - City of White Rock Water Wells

Maintenance Programs

The staff of the Water Division, Engineering and Municipal Operations, City of White Rock conduct the maintenance and day-to-day water operations for the water treatment plant, 2 pumping stations, 3 reservoirs, 80 km of pipes, 7 wells and 361 fire hydrants. All Water Operators are licensed with the Environmental Operators Certification Program (EOCP).

The City has an ongoing preventative maintenance program that includes:

- Daily/weekly/monthly water quality testing and inspections
- Operation and maintenance of two pumping stations (*See figure 3*)
- Valve exercising
- Hydrant inspection and servicing
- Flushing of water mains through UDF (uni-directional flushing) program
- Testing and calibration of water treatment plant (WTP) automated analyzers
- Regular backwash of filters at the Water Treatment Plant
- Chemicals addition and monitoring
- 2 secondary disinfection systems at each reservoir/booster station
- Maintain 3 PRV stations
- Annual full water chemical analysis
- Reservoir maintenance
- Water meter maintenance
- Documentation of the above

Other services include:

- Installation of water services for new home construction
- Water infrastructure repairs and maintenance
- Water quality sampling and testing
- Respond to resident's request and concerns (sampling may be required)
- Water meter quarterly reading
- New fire hydrant installations. Average of 5 per year (*See figure 4*)
- 24/7 emergency repairs
- Coordinate and perform tie-ins of new watermains from development and capital works.



Figure 3



Figure 4

White Rock - 2022 Annual Water Quality Report

Maintenance upgrades during 2022 included:

- 100 water meter replacements
- 4 new fire hydrants
- 30 water service upgrades/upgrades

Facilities Security

Municipal and private water systems security measures throughout Canada are being elevated to reduce the potential for vandalism or other activities that could affect water quality or water supply to the public.

The Oxford Water facility (that includes four wells, reservoir and Treatment) was the last facility to be fenced. Additional security measures on the property mitigate the potential for intrusions.

Cyber security is a worldwide threat to critical infrastructure. The City has implemented several technologies and practices to mitigate cyber security threats and will continue to stay up to date in the current threat environment.

Pressure Monitoring System

Public infrastructure systems are complex, many are underground and therefore difficult to access and inspect. It is standard practice to differentiate between linear assets (pipes, roads, etc.) and non-linear or discrete assets (pumps, plants, etc.) since each category presents different type of management challenges. Providing services to the public requires all the components within a system to perform adequately since the robustness – and therefore the safety and quality of the service is dependent on its components working in unison.

Infrastructure assets also have very long service lives – water mains in the distribution piping are in use for 80 years, or longer. Pressure is one of the primary optimization parameters for the delivery of safe drinking water. The loss of pressure in the distribution system can potentially allow outside groundwater to enter pipes and contaminate the distribution system. Fluctuations in pressure can affect the physical integrity of pipes. Pressure surges are known to generate an increase in leaks, and water main breaks, which affects the service life of the water system. The use of pressure sensors provides a measure of what is occurring along the water distribution pipelines.

Establishing the exposure and sensitivity of infrastructure to threats, whether from extreme climate events, earthquakes, or from uncontrolled activities such as new development, or unlawful use of water hydrants, is done by monitoring the pressure within the pipes.

The City completed the work on the implementation of a remote pressure monitoring system that was deployed in 2018. The system contains sensors located throughout the high- and low-pressure zones that relay pressure, temperature, and battery level to a secure web server. These readings are then relayed to the Water Utility SCADA system, which allows the operators to receive real-time information for water pressure and temperature.

Unidirectional Flushing Program

Unidirectional Flushing Program (UDF) is an important component of any water utility's routine distribution system maintenance. Flushing removes sediments, deposits, and biofilm build-up from the water distribution system, which improves water quality and leads to less customer complaints. Incorporating unidirectional flushing techniques allows the utility to improve the degree of water main cleaning, reduces the total time it takes to complete the program, and decreases the frequency of flushing. Flushing of the distribution system is important to the maintenance and to the

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preservation or improvement of water quality and control of bacterial growth. Our operators review the previous year’s flushing results to evaluate the run setup for comparison of the outcomes. Results are reviewed on an annual basis to see if less or more frequent flushing is required.

Water main flushing at the City has been conducted regularly since 2016 for a variety of reasons, including: corrosion control; sediment removal; taste and odor control; maintain low turbidity; maintain disinfectant residual; and to prevent the potential of bacterial growth. The City has been divided into 3 Areas (Figure-5 below) to divide the work into manageable areas.



Figure 5 - Unidirectional Flushing Areas 1, 2 & 3

There have been significant improvements in the amount of time it takes to complete the program since the treatment plant came into operation. On average, the time to complete the program has decreased by 30 % over the last seven UDF cycles. The program has been implemented every year, starting in 2016, in the months of October to December. The program was implemented twice in 2017 to have a higher improvement after noticing the results in 2016. After many years of conducting the UDF Program, a significant improvement has been noticed. In addition, since the end of March 2019, the Water Treatment Plant has been delivering a significantly improved water quality with Manganese concentration reduced significantly.

Table 1 shows the results of the UDF program over the last three years. With this reduction, water operators do not have to take as much time to flush out deposits, which in the long term should decrease flushing volumes, duration, and frequency. Other Factors influencing results include the following:

- Water system upgrades
- Long-term effect of secondary disinfection
- Less frequent flushing
- Operator errors or run design errors

The cost of the UDF Program is expected to decrease over the long term with a reduction of volume and time. Operators continue to track all the data from the program.

Area 1	2020	2021	2022
Total Water for flushing Volume	1,698 m ³	1,510 m ³	1,500 m ³
Time	669 min.	563 min.	570 min.
Area 2			
Total Water for flushing Volume	3,930 m ³	3,586 m ³	3,381 m ³
Time	1,465 min.	1,345 min.	1,273 Min.
Area 3			
Total Water for flushing Volume	1,582 m ³	1,395 m ³	1,403 m ³
Time	700 min.	611 min.	635 min.

Table 1 - Volume of Flushing water used and Time comparisons for UDF Program from 2020 to 2022



Figure 6 - The Water Division Operators conducting the Unidirectional Flushing Program

The UDF Program improved the condition of the Distribution System by removing sediment and biofilm, which reduces potential impacts on water quality delivered to the public. This also reduces the potential of having negative aesthetic impacts on the water delivered. In addition, over the long and short term, the expectation is a reduction of water used and a lower frequency of the flushing program that is an important step in water conservation and in management of water resources considering the relationship between Climate Change and Water Conservation.

New Guidelines for Manganese

(Guidelines for Canadian Drinking Water Quality, Guideline Technical Document Manganese, May 2019)

Manganese occurs naturally in the environment, and is widely distributed in air, water, and soil. Manganese may be present in water from natural sources (rock and soil weathering) or because of human activities (such as mining, industrial discharges, and landfill leaching). It is used in various industries, including in the steel industry, in the manufacture of various products (e.g., fireworks, dry-cell batteries, fertilizers, fungicides and cosmetics and paints). Manganese may also be added to water as an oxidizing agent (permanganate), or as an impurity in coagulants used in the treatment of drinking water.

The recent guideline change for manganese is based on reviews and assesses all identified health risks associated with manganese in drinking water. It incorporates new studies and approaches and takes into consideration the availability of appropriate treatment technology. Based on this review, the drinking water guideline for manganese is a maximum acceptable concentration (MAC) of 0.12 mg/L (120 µg/L), based on infants, the most sensitive population. Although the MAC established is based on infants, this value is intended to protect all Canadians.

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Health effects

Manganese is an essential element for humans. Deficiency is considered unlikely in Canada, as adequate amounts are obtained from food. A non-cancer endpoint was chosen for this assessment as available studies are not adequate to support a link between manganese and cancer. Some studies in humans suggest an association between manganese in drinking water and neurological effects in children; however, they can only be used to support the choice of the key health effect. The effects observed in children are consistent with the neurological effects reported in the key animal studies used to establish the MAC.

Aesthetic considerations of Manganese (Mn)

Concerns regarding the presence of manganese in drinking water are often related to consumer complaints regarding discolored water. The new aesthetic objective (AO) of 0.02 mg/L (20 µg/L) is intended to minimize the occurrence of discolored water complaints based on the presence of manganese oxides and to improve consumer confidence in drinking water quality.

Operation of the Water Treatment Plant

The quality of drinking water is of the utmost importance to the City, which is why regular water testing is conducted. The City has taken steps to build a water treatment plant to remove arsenic and manganese, hired in-house experts and consultants who have extensive experience. The City applied for infrastructure grants funding programs by the provincial and federal governments, which is not available to private organizations. The Government of Canada and the Province of British Columbia provided funding from the Clean Water and Wastewater Fund (CWWFA) to the City of White Rock for the “Arsenic and Manganese Water Treatment Project No. C40174.”

As part of the City’s acquisition and operation of the water utility, the City is under mandate by the Fraser Health Authority to implement a secondary form of water disinfection and to reduce the arsenic and manganese concentration levels in the drinking water. The work is necessary to treat the water supply to meet the Canadian Drinking Water Guidelines. The completion of the Water Treatment Plant in 2019 met that requirement.

The City of White Rock has been successful in maintaining the manganese level well below the limits set by the Guidelines for Canadian Drinking Water Quality for the drinking water leaving the Water Treatment Plant (WTP). Ferric chloride was introduced as a coagulation in February 2020 in order to improve the removal of arsenic and phosphate in the Greensand Filters. This reduced the amount of arsenic and phosphate entering the E33 contactors, which helps to extend the E33 filter life.

Arsenic Analyzer

Arsenic EZ-Analyzer was installed and commissioned in September 2020, which provides Real-Time Arsenic results for raw water, Post green sand plus (GS+) and Post E33 filter media. This helps making changes to the system without any delays. It also helps to compare the Analyzer Data to the analysis done by the Laboratory.

Water treatment process and the technologies in the design

The White Rock Water Treatment Plant is designed to treat the City’s existing groundwater supplies to remove naturally occurring manganese and arsenic to ensure that it meets the guidelines and aesthetic objectives. The plant is built next to the Oxford Pumping Station.

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The Water Treatment Plant process is a multi-stage process and includes the following key treatment components:

- Pre-Oxidation with ozone for arsenic and manganese in the raw water supply.
- Ferric Chloride added to the process
- Removal of manganese using Greensand Plus media filters.
- Removal of arsenic using Bayoxide E33 media filters.

Ozone pre-oxidation

Research has shown that the application of ozone for water treatment processes can enhance the ability to remove many emerging contaminants and reduce disinfectant byproducts. Ozone, a strong oxidant, is very effective in the oxidation of organic and inorganic compounds more effectively than chlorine. Arsenic present in groundwater in As(III) form needs to be oxidized to As(V). To have an optimum removal of As(III) which is neutrally charged, it should be oxidized to As(V) which is negatively charged. Strong chemical oxidants like ozone oxidize As(III) very rapidly, thus contact time generally is not a critical factor for optimizing arsenic removal. The simple oxidation reactions between ozone and arsenic, and manganese are as follows:

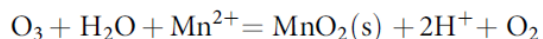
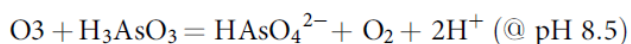
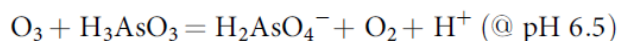


Figure 7

Manganese and arsenic removal

Manganese removal in groundwater supply has been practiced for many decades. Technology approaches are mature, and improvements in treatment efficiency have been only incremental. The focus on arsenic removal technologies has been increasing due to more emerging evidence of concerns over human exposure risks of arsenic that led to changes of guidelines for arsenic in drinking water. Knowledge of raw water quality is an important factor in the selection of the technology and processes to remove certain organic or inorganic compounds that might interfere in achieving the targeted effluent water quality.

The City of White Rock's groundwater has elevated, naturally occurring arsenic and manganese. The research conducted by the City of White Rock and RES'EAU WaterNet showed that the use of ozone as a pre-oxidant, followed by greensand and adsorption filter media for the removal of manganese and arsenic, respectively, is effective for groundwater sources like White Rock's water supply. NAC/Associated Engineering, the Design/Build Team developed the design to include filtration using Greensand Plus media for manganese reduction, and AdEdge E33 adsorption media, for arsenic polishing to achieve the low target levels required by the City.

The use of ozone for pre-oxidation of the arsenic and manganese prior to the two-stage process; filtration and adsorption process were included in the design due to the facts that:

- Many arsenic removal technologies are more effective at removing the pentavalent form of arsenic, arsenate, As(V) than, As(III). Therefore, many treatment systems include a peroxidation step to convert Arsenite, As(III) to Arsenate As(V)
- Ozone can achieve 100% oxidation of As(III) to As(V)

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- Oxidation alone does not remove arsenic from solution, and must be coupled with a removal process such as coagulation, adsorption, or ion exchange
- Manganese removal was very effective using ozone followed by Greensand Plus media.

Water Treatment Objectives

The treatment objectives of the White Rock WTP are to deliver drinking water meeting the following operational targets:

- Mn < 0.02 mg/L
- As < 0.002 mg/L (95% of time, 0.005 mg/L for 5% of operation)

All other water quality parameters shall meet the objectives of the Guidelines for Canadian Water Quality (GCDWQ).

The Water Treatment Plant started operation in March 2019. Water quality improvement was noticeable with the removal of arsenic and manganese.

Performance changes to the water treatment plant were monitored closely. The staff of the Water Division worked diligently to investigate the reasons for performance changes, which resulted in an increase in concentrations of arsenic and manganese in the final treated effluent.

Adjustments were made to initial ozone dosages, monitoring the impact on manganese concentration in the Greensand Plus effluent. Remarkable results were achieved, bringing manganese concentration to below detection limit. Arsenic Speciation was monitored to make sure that process change did not have an impact on arsenic oxidation. The analysis confirmed complete oxidation of As(III) to As(V) at low ozone dosages.

To improve arsenic removal, an introduction of a coagulant was recommended to NAC and AdEdge to improve the removal of arsenic and to bring the arsenic level to be within the Plant Design Objectives.

Climate Change Implications

The water quality analysis indicated a significant improvement in drinking water quality supplied to the residents of the City of White Rock after the implementation of Water Treatment Plant. Many positive comments came from residents who indicated that they are using tap water instead of bottled water, which reduces waste in landfills and plastics pollution in our water sources.

The new Water Treatment Plant delivered drinking water with significantly lower manganese, which almost eliminated the addition of manganese to the distribution system. The Unidirectional Flushing (UDF) of the distribution system made a noticeable reduction in deposited manganese in the distribution system, reducing water used for flushing, and the energy used to produce and pump that amount of water.

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Figure 7 - Water Treatment Plant Equipment



Figure 8 - Water Treatment Plant Ozone System



Figure 9 - The newly constructed White Rock Water Treatment Plant

Communications and Education

Since acquiring the water utility from EPCOR in October of 2015, the City of White Rock has provided unprecedented information to the public on the state of the City's water. This includes steps the City must take as mandated by Health Canada and the Fraser Health such as providing a secondary disinfection throughout the entire system, as well as important capital infrastructure work. This information is readily available on the City's website under the Water page, which includes links to various projects and initiatives so the public is aware of City action and plans to address and improve the water quality and communicating with the public.

The City Water Utility requires Environmental Operators Certification Program (EOCP) Certified Operators to work on the drinking water system. The utility is operated by seven professional Water Operators and supported by the Engineering Division for capital improvements. Others in the Finance Department and Engineering Clerical provide supporting resources for water meter reading, billing and water servicing.

Certification of the Water Operations staff are:

Water Treatment Level 4 – 1 staff

Water Treatment Level 2 – 1 staff

Water Treatment Level 1 – 3 staff

Water Distribution Level 4 – 0 staff

Water Distribution Level 3 – 1 staff

Water Distribution Level 2 – 3 staff

Water Distribution Level 1 – 2 staff

Water Quality Testing

The City has been consolidating all the testing data from January to December 2022. This data is included in Appendix-B: City of White Rock Water Quality Testing for 2022. In addition, testing data is updated regularly on the City of White Rock's website: www.whiterockcity.ca/300/Water-Quality.

Water Utility staff perform 1,095 in-house testing for PH, conductivity, turbidity, chlorine residuals, temperature. Additional sampling is performed at strategic points in the distribution system with the testing conducted by a 3rd party laboratory. All results are copied to Fraser Health. Testing was also conducted for; arsenic, copper, iron, lead, manganese, Chloroform, Bromodichloromethane, Dibromochloromethane, Bromoform, Total THMs, Dibromofluoromethane, Toluene-d8, Bromofluorobenzene, Monochloroacetic Acid, Monobromoacetic Acid, Dichloroacetic Acid, Bromochloroacetic Acid, Dibromoacetic Acid, Trichloroacetic Acid and Total HAA6 throughout 2022.

The City also recommends to residents anytime the water in a particular faucet has not been used, to flush the cold-water pipes by running the water until you notice a change in temperature. This could take a short time if there has been recent heavy water use such as showering or toilet flushing. The more time water has been sitting in your home's pipes, the more manganese it may contain.

Conserving water is still important. Rather than just running the water down the drain, residents could use the water for their plants, garden, or lawn.

Water Consumption

Water consumption patterns are tracked to ensure that the White Rock system continues to provide sufficient water services to customers. Annual, average daily water consumptions and the highest daily consumption (peak day) are shown below, Table 2.

2022 Water Consumption (ML)¹	
Total Potable Water Produced	2,595.8
Max. Day (August 8, 2022)	9.6
Annual Average Daily Consumption	7.1

Table 2, Total Annual Water Consumption

Storage Capacity

The storage requirements for forecasted demands are as shown in the following table. It is noted that the 16% value for balancing storage is based on past studies estimating the specific balancing requirement needs for the City of White Rock's system (Kerr Wood Leidal, 2010).

The available storage capacity was provided in the 2017 Water Master Plan Update.

DESCRIPTION		ML¹
Required Balancing Storage	16% of MDD ²	1.99
Required Fire Storage	212 L/s for 2.6 hours	1.98
Required Emergency Storage	25% of the sum of above storage	1.12
	TOTAL REQUIRED	4.96
Available Storage:		
	Merklin Reservoirs	3.01
	Oxford Reservoir	1.95
	Roper Reservoir (Low Pressure Zone)	1.14
	TOTAL AVAILABLE	6.10

Table 3, Required Storage versus Available Storage

Foot Notes:

1. ML: 1,000,000 Liters
2. MDD: Maximum daily demand

Capital Projects

Construction of Well 5

The City procured Kerr Wood Leidal Associates Ltd for overall project design and Piteau Associates for their Hydro Geological expertise in well construction. Drillwell Enterprises Ltd. was awarded the work to drill the well in early 2023.

Project Budget: \$1.825 Million

Schedule: Well Drilling, Winter 2023
Construction 2023

Scope of Work:

- Well depth is 100+m
- Install 16" well casing
- Install well screen in the aquifer
- Determine pumping rate
- Register the well with the Province
- Consultant to produce a Well Completion Report.

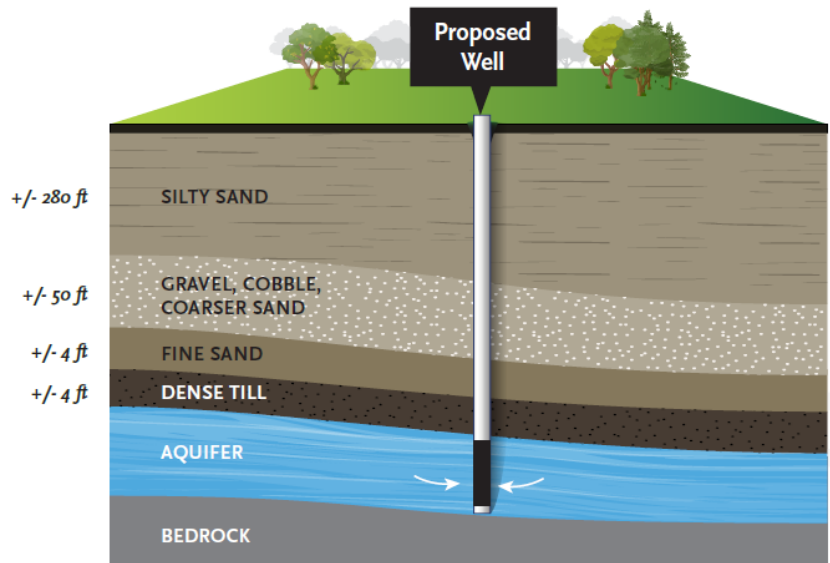


Figure 10 - Proposed New Groundwater Well

The civil works, to connect the well to the water treatment plant, is planned for Fall/Winter 2023.

Well Control Upgrades

The Oxford well field programmable logic controller (PLC) was upgraded to provide additional input/outputs for controlling each well's variable frequency drives (VFD). The well pumps push the water through the entire treatment process, through to the reservoirs. Being able to adjust the motor speeds will be easier on the equipment and provide individual control based on each well's operating characteristic such as ground water draw down, pressure, flow, etc.

Project Budget: \$255,000

Schedule: Ongoing as work coincides with maintenance and various capital projects.

Scope of Work:

- Install new PLC and switch over wiring to one well at a time.
- Install pressure, flow and ground water monitoring hardware.
- 2023 upgrade includes PLC programming for SCADA to be able to read the new instrumentation.

This project was started in 2019 and due to cost was spread over several years. Hardware and PLC programming work has been completed in 2022. Integration with the Water system control software will be done in 2023, when a new SCADA service provider is determined.

Well Redevelopment

Wells need to be redeveloped every 5+ years as the fine soil grains slowly migrate toward the screen. This reduces the soil pore space that restricts the flow of groundwater to the screen, resulting in a reduced pumped flow rate.

This year well #1 was redeveloped and the motor components pulled out of the well, inspected, and repaired for many more trouble-free years of operation.

Project Budget: \$75,000

Schedule: January 2022

Scope of Work:

- Remove well motor and piping.
- Redevelop well.
- Inspect and repair well motor and cable.
- Reinstall well motor, cable and piping.



Figure 11 - Redevelopment at Well #1, Oxford well field.

Treatment Plant Upgrades

Condensation from water piping above a wood ceiling was slowly deteriorating the wood. The City commissioned a company specializing in pipe insulation to wrap the pipe shown in figure 12 and 12 a below. This eliminated the condensation problem.

Project Budget: \$75,000

Schedule: January 2022.

Scope of Work:

- Assess risk to the building to prioritize the work.
- Install pipe insulation where condensation would deteriorate ceiling plywood.



Figure 12 - Pipe before insulation showing condensation on the wood



Figure 13 - Completed Pipe insulation above plant offices

Next Steps for 2023

- Continue the optimization of the Water Treatment Plant processes.
- Complete the 2022 approved Capital Works projects.
- Work on the 2023 Capital Works projects.
- Maintain and upgrade the water distribution system to realize cost savings when possible.
- Provide the training for the Water Operators to have them update/upgrade their certification.
- Work with Communication Department and the IT Department to maintain updated information on the City website.

Summary

The City of White Rock has now owned the water utility for seven years. During 2022, Water Operations staff collected and sent samples for water quality testing. Unidirectional flushing of the watermains is seeing less accumulations of manganese as compared to previous years.

Water System improvements such as replacing older pipes, well controls will reduce costs and improve resiliency of the system to meet the community demands. Roadwork in front of developments includes upgrading of the watermain.

The treatment plant continues to provide water that meets the Canadian Drinking Water Guidelines. City Operations staff work year round to deliver this vital service to White Rock residents.

Appendix A

Fraser Health Permit to Operate



fraserhealth HEALTH PROTECTION

PERMIT TO OPERATE

A Drinking Water System with 301-10000 Connections

Water Supplier: Corporation of the City of White Rock, The
Facility Name: City of White Rock Water System

Conditions of Permit
See Conditions Attached

30-Oct-2015
Effective Date


Environmental Health Officer

This permit must be displayed in a conspicuous place and is nontransferable



fraserhealth
Expires March 31 2022
786474

Appendix B

City of White Rock Water Quality Testing Results January - December 2022

Bacterial Results - 2022						
Microbiological Analysis MPN / 100mL	Date	Guideline Limit 0 per 100 ml	# of Samples	Pass	Fail	Guideline Comments
Total Coliforms	4-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	4-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	5-Jan-22	0 per 100 mL	4	4	0	Below Guideline
Escherichia Coli	5-Jan-22	0 per 100 mL	4	4	0	Below Guideline
Total Coliforms	10-Jan-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	10-Jan-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	11-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	11-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	17-Jan-21	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	17-Jan-21	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	18-Jan-21	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	18-Jan-21	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	24-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	24-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	25-Jan-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	25-Jan-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	31-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	31-Jan-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	1-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	1-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	7-Feb-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	7-Feb-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	8-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	8-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	14-Feb-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	14-Feb-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	15-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	15-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	22-Feb-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	22-Feb-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	23-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	23-Feb-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	28-Feb-22	0 per 100 mL	7	7	0	Below Guideline

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Bacterial Results - 2022						
Microbiological Analysis MPN / 100mL	Date	Guideline Limit 0 per 100 ml	# of Samples	Pass	Fail	Guideline Comments
Escherichia Coli	28-Feb-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	1-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	1-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	7-Mar-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	7-Mar-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	8-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	8-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	15-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	15-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	21-Mar-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	22-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	29-Mar-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	30-Mar-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	4-Apr-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	5-Apr-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	11-Apr-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	12-Apr-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	19-Apr-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	20-Apr-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	26-Apr-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	27-Apr-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	2-May-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	2-May-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	3-May-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	3-May-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	9-May-22	0 per 100 mL	6	6	0	Below Guideline
Escherichia Coli	9-May-22	0 per 100 mL	6	6	0	Below Guideline
Total Coliforms	11-May-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	11-May-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	16-May-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	16-May-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	17-May-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	17-May-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	24-May-22	0 per 100 mL	6	6	0	Below Guideline
Escherichia Coli	24-May-22	0 per 100 mL	6	6	0	Below Guideline
Total Coliforms	25-May-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	25-May-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	30-May-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	30-May-22	0 per 100 mL	7	7	0	Below Guideline

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Bacterial Results - 2022						
Microbiological Analysis MPN / 100mL	Date	Guideline Limit 0 per 100 ml	# of Samples	Pass	Fail	Guideline Comments
Total Coliforms	31-May-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	31-May-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	6-Jun-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	6-Jun-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	7-Jun-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	7-Jun-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	13-Jun-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	14-Jun-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	20-Jun-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	21-Jun-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	27-Jun-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	28-Jun-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	4-Jul-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	5-Jul-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	11-Jul-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	12-Jul-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	18-Jul-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	19-Jul-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	25-Jul-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	26-Jul-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	2-Aug-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	3-Aug-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	8-Aug-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	9-Aug-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	15-Aug-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	16-Aug-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	22-Aug-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	23-Aug-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	29-Aug-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	30-Aug-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	6-Sep-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	7-Sep-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	12-Sep-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	13-Sep-22	0 per 100 mL	7		0	Below Guideline
Total Coliforms	20-Sep-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	21-Sep-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	26-Sep-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	27-Sep-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	3-Oct-22	0 per 100 mL	7	7	0	Below Guideline

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Bacterial Results - 2022

Microbiological Analysis MPN / 100mL	Date	Guideline Limit 0 per 100 ml	# of Samples	Pass	Fail	Guideline Comments
Escherichia Coli	4-Oct-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	11-Oct-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	12-Oct-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	17-Oct-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	18-Oct-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	24-Oct-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	25-Oct-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	1-Nov-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	2-Nov-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	8-Nov-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	9-Nov-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	14-Nov-22	0 per 100 mL	6	6	0	Below Guideline
Escherichia Coli	15-Nov-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	21-Nov-22	0 per 100 mL	7	7	0	Below Guideline
Escherichia Coli	22-Nov-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	30-Nov-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	5-Dec-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	6-Dec-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	12-Dec-22	0 per 100 mL	7	7	0	Below Guideline
Total Coliforms	13-Dec-22	0 per 100 mL	8	8	0	Below Guideline
Escherichia Coli	20-Dec-22	0 per 100 mL	8	8	0	Below Guideline
Total Coliforms	28-Dec-22	0 per 100 mL	7	7	0	Below Guideline

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Water Treatment Plant Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Guideline Limit		10	2000	5	300	120		7.0-10.5
WTP - Raw Water	04/Jan/22	7.3	<0.5	<0.01	<4	150	5	7.80
Treated Water	04/Jan/22	3.5	<0.5	<0.01	<4	<1	<5	7.82
WTP - Raw Water	10/Jan/22	7.2	10.0	0.0	5.0	160	<5	7.94
Treated Water	10/Jan/22	3.8	<0.5	<0.01	4.0	<1	<5	8.06
WTP - Raw Water	17/Jan/22	7.2	<0.5	<0.01	<4	150	<5	7.96
Treated Water	17/Jan/22	3.0	<0.5	<0.01	<4	<1	<5	8.08
WTP - Raw Water	25/Jan/22	9.5	<1	<0.01	<10	148	<5	8.07
Treated Water	25/Jan/22	0.5	<1	<0.01	<10	<5	<5	8.12
WTP - Raw Water	31/Jan/22	8.2	<0.5	<0.01	<4	130	<5	8.00
Treated Water	31/Jan/22	0.7	<0.5	<0.01	<4	<1	<5	8.08
WTP - Raw Water	07/Feb/22	7.5	1.5	0.0	44	160	<5	7.56
Treated Water	07/Feb/22	1.2	<0.5	<0.01	<4	<1	<5	7.76
WTP - Raw Water	14/Feb/22	6.6	<0.5	<0.01	<4	90	<5	7.94
Treated Water	14/Feb/22	2.1	<0.5	<0.01	<4	<1	<5	8.02
WTP - Raw Water	22/Feb/22	6.5	<0.5	<0.01	<4	8.8	<5	7.99
Treated Water	22/Feb/22	0.9	<0.5	<0.01	<4	<1	<5	8.06
WTP - Raw Water	28/Feb/22	6.7	<0.5	<0.01	4	260	<5	7.92
Treated Water	28/Feb/22	1.2	<0.5	<0.01	<4	<1	<5	7.84
WTP - Raw Water	07/Mar/22	7.2	3.3	<0.01	4	160	<5	8.13
Treated Water	07/Mar/22	2.0	<0.5	0.0	<4	<1	<5	8.14
WTP - Raw Water	15/Mar/22	6.8	<0.5	0.05	11	220	<5	8.08
Treated Water	15/Mar/22	3.8	<0.5	<0.01	6	<1	<5	8.13
WTP - Raw Water	21/Mar/22	7.2	<0.5	<0.01	11	170	<5	7.99
Treated Water	21/Mar/22	1.0	<0.5	<0.01	8.0	<1	<5	7.98
WTP - Raw Water	28/Mar/22	6.2	<0.5	0.03	16	130	<5	8.07
Treated Water	28/Mar/22	1.1	<0.5	<0.01	9	<1	<5	7.98
WTP - Raw Water	04/Apr/22	7.0	<0.5	0.02	13	170	<5	8.09
Treated Water	04/Apr/22	1.1	<0.5	0.0	140	<1	<5	8.10
WTP - Raw Water	11/Apr/22	6.8	<1	<0.1	10	161	<5	7.95
Treated Water	11/Apr/22	1.2	<1	<0.1	<10	<5	<5	1.25
WTP - Raw Water	19/Apr/22	7.0	<0.5	0.01	17	150	<5	8.06
Treated Water	19/Apr/22	2.6	<0.5	<0.01	<4	<1	<5	8.12
WTP - Raw Water	26/Apr/22	7.2	<0.5	0.05	<4	140	<5	8.08
Treated Water	26/Apr/22	1.6	<0.5	<0.01	<4	<1	<5	7.99
WTP - Raw Water	03/May/22	7.0	<0.5	<0.01	<4	130	<5	8.03
Treated Water	03/May/22	1.8	<0.5	<0.01	<4	<1	<5	8.16
WTP - Raw Water	09/May/22	6.3	<0.5	<0.01	<4	120	<5	7.99

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Water Treatment Plant Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Treated Water	09/May/22	1.6	<0.5	<0.01	<4	<1	<5	8.08
WTP - Raw Water	17/May/22	6.2	<0.5	<0.04	<5	120	<5	8.06
Treated Water	17/May/22	1.9	<0.5	<0.01	<4	<1	<5	8.08
WTP - Raw Water	24/May/22	6.5	<0.5	0.02	16	130	<5	7.99
Treated Water	24/May/22	2.2	<0.5	0.01	<4	<1	<5	8.03
WTP - Raw Water	30/May/22	6.5	<0.5	<0.01	8	130	<5	7.98
Treated Water	30/May/22	2.1	<0.5	<0.01	6	<1	<5	8.01
WTP - Raw Water	06/Jun/22	6.5	<0.5	<0.01	11	120	<5	8.02
Treated Water	06/Jun/22	2.1	<0.5	<0.01	<4	<1	<5	8.07
WTP - Raw Water	13/Jun/22	8.1	<0.5	0.02	10	150	<5	8.01
Treated Water	13/Jun/22	2.4	<0.5	<0.01	<4	<1	<5	8.65
WTP - Raw Water	20/Jun/22	7.5	<0.5	0.02	33	120	<5	7.98
Treated Water	20/Jun/22	3.2	<0.5	0.07	<4	<1.0	<5	8.02
WTP - Raw Water	27/Jun/22	7.5	<1.0	0.10	<10	134	<5	8.03
Treated Water	27/Jun/22	3.8	<1.0	<0.1	<10	<5	<5	8.07
WTP - Raw Water	04/Jul/22	7.3	<0.5	<0.01	<4	140	<5	8.00
Treated Water	04/Jul/22	3.6	<0.05	<0.01	<4	<1	<5	8.05
WTP - Raw Water	12/Jul/22	7.5	<0.5	<0.01	<4	140	<5	7.95
Treated Water	12/Jul/22	3.7	<0.05	<0.01	<4	<1	<5	8.05
WTP - Raw Water	18/Jul/22	7.5	<0.5	<0.01	<4	130	<5	8.08
Treated Water	18/Jul/22	3.7	<0.5	<0.01	<4	<1	<5	8.09
WTP - Raw Water	25/Jul/22	6.7	<0.5	<0.01	<4	140	<5	7.73
Treated Water	25/Jul/22	3.8	<0.5	<0.01	<4	<1	<5	7.40
WTP - Raw Water	02/Aug/22	7.7	<1.0	<0.10	<10	136	<5	8.10
Treated Water	02/Aug/22	4.3	<1.0	<0.10	<10	<5	<5	8.02
WTP - Raw Water	08/Aug/22	6.7	<0.5	<0.01	<4	140	<5	7.99
Treated Water	08/Aug/22	3.9	<0.5	0.02	<4	<1	<5	7.94
WTP - Raw Water	15/Aug/22	6.7	<0.05	0.07	<4	140	<5	7.77
Treated Water	15/Aug/22	4.0	<0.5	<0.01	<4	<1	<5	7.47
WTP - Raw Water	22/Aug/22	6.7	<0.5	<0.01	<4	130	<5	7.74
Treated Water	22/Aug/22	4.0	<0.5	<0.01	<4	<1	<5	7.76
WTP - Raw Water	06/Sep/22	7.4	<0.5	0.03	<4	130	<5	7.77
Treated Water	06/Sep/22	4.2	<0.5	<0.01	<4	<1	<5	7.79
WTP - Raw Water	12/Sep/22	6.5	<0.5	<0.01	<4	130	<5	7.82
Treated Water	12/Sep/22	4.2	<0.5	0.02	<4	<1	<5	7.83
WTP - Raw Water	20/Sep/22	7.2	<1.0	<0.01	<10	151	<5	7.80
Treated Water	20/Sep/22	4.6	<1.0	<0.10	<10	<5	<5	7.80
WTP - Raw Water	26/Sep/22	6.6	<0.5	<0.01	<4	<5	<5	7.85

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Water Treatment Plant Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Treated Water	26/Sep/22	4.2	<0.5	<0.01	<4	<5	<5	7.84
WTP - Raw Water	04/Oct/22	7.5	2.0	0.50	20	158	<5	7.98
Treated Water	04/Oct/22	4.6	<1.0	<0.1	10	<5	<5	7.85
WTP - Raw Water	11/Oct/22	5.7	<0.5	0.02	<4	110	<5	8.02
Treated Water	11/Oct/22	4.7	<0.5	<0.01	<4	7	<5	7.84
WTP - Raw Water	17/Oct/22	6.7	<0.5	<0.01	<4	110	<5	7.78
Treated Water	17/Oct/22	4.0	<0.5	<0.01	<4	<1	<5	7.73
WTP - Raw Water	24/Oct/22	5.9	<0.5	<0.01	<4	110	<5	7.76
Treated Water	24/Oct/22	3.8	<0.5	<0.01	<4	<1	<5	7.80
WTP - Raw Water	31/Oct/22	5.7	<0.5	<0.01	<4	99	<5	7.88
Treated Water	31/Oct/22	3.4	<0.5	<0.01	<4	<1	<5	7.84
WTP - Raw Water	07/Nov/22	6.6	<0.5	<0.01	12	100	<5	7.83
Treated Water	07/Nov/22	3.4	<0.5	<0.01	<4	<1	<5	7.84
WTP - Raw Water	14/Nov/22	6.9	<0.5	<0.01	<4	100	<5	7.59
Treated Water	14/Nov/22	3.9	<0.5	<0.01	<4	<1	<5	7.77
WTP - Raw Water	21-Nov-22	8.3	0.5	0.05	<4	120	<5	7.83
Treated Water	21-Nov-22	4.8	<0.5	<0.01	<4	<1	<5	7.87
WTP - Raw Water	28/Nov/22	7.1	0.6	0.03	<4	130	<5	7.76
Treated Water	28/Nov/22	4.5	<0.5	<0.01	<4	<1	<5	7.79
WTP - Raw Water	06/Dec/22	7.3	0.50	0.03	33	200	<5	7.96
Treated Water	06/Dec/22	4.7	<0.5	<0.01	<4	2	<5	7.99
WTP - Raw Water	19/Dec/22	7.4	<0.5	<0.01	<4	110	<5	7.93
Treated Water	19/Dec/22	4.6	<0.5	<0.01	<4	<1	<5	7.89

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Distribution Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Guideline Limit		10	2000	5	300	120		7.0-10.5
Everall Station Sample	24-Jan-22	1.0	<1	<0.01	<10	<5	<5	7.99
Mann Park Station Sample	24-Jan-22	1.0	3.0	<0.01	390	<5	<5	8.08
Marine Station Sample	24-Jan-22	1.3	3.0	0.02	<10	<5	<5	8.08
Russell Avenue Sample Station	24-Jan-22	1.0	1.0	<0.01	514	17	<5	8.07
Roper Reservoir	24-Jan-22	3.1	<1	<0.01	<10	<5	<5	8.09
Roper PRV	24-Jan-22	4.0	5.0	0.20	<10	<5	<5	8.07
Roper Ave Sample Station	24-Jan-22	5.3	4.0	0.20	<10	<5	<5	8.06
Oxford & Buena Vista Station	25-Jan-22	3.4	9.0	0.20	10	<5	<5	8.03
Museum Sampling Station	25-Jan-22	3.1	5.0	<0.1	<10	<5	<5	8.09
Balsam & Marine Station	25-Jan-22	3.2	1.0	<0.1	<10	<5	<5	8.10
Stayte Road Station	25-Jan-22	3.6	2.0	<0.1	<10	<5	<5	7.90
Finlay Station	25-Jan-22	3.0	1.0	<0.1	<10	<5	<5	8.08
Merklin Reservoir Low	25-Jan-22	5.7	15.0	<0.1	<10	<5	<5	8.09
Merklin Reservoir New	25-Jan-22	5.7	<1	<0.1	<10	<5	<5	8.11
Oxford Reservoir	25-Jan-22	1.5	14.0	0.10	<10	<5	<5	8.05
Everall Station Sample	22-Feb-22	1.3	3.1	0.07	<4	<1	<5	8.05
Mann Park Station Sample	22-Feb-22	1.2	3.9	0.12	<4	1	<5	8.03
Marine Dr Sample Station	22-Feb-22	1.3	5.7	0.17	5	4	<5	8.02
Russell Avenue Sample Station	22-Feb-22	1.2	1.4	0.09	<4	<1	<5	8.05
Roper Reservoir	22-Feb-22	1.7	0.8	0.09	<4	<1	<5	8.05
Roper PRV	22-Feb-22	1.9	5.3	0.06	<4	<1	<5	8.07
Roper Ave Sample Station	22-Feb-22	2.5	3.8	0.20	4	<1	<5	8.06
Oxford & Buena Vista Station	23-Feb-22	1.9	13.0	0.32	<4	2	<5	8.04
Museum Sampling Station	23-Feb-22	1.8	2.7	0.07	<4	<1	<5	8.07

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Distribution Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Balsam & Marine Station	23-Feb-22	1.8	1.1	0.08	<4	<1	<5	8.09
Stayte Road Station	23-Feb-22	1.8	2.5	0.19	6	2	<5	8.09
Finlay Station	23-Feb-22	1.8	1.6	0.04	<4	1	<5	8.07
Merklin Reservoir Low	23-Feb-22	2.5	1.3	0.02	<4	<1	<5	8.07
Merklin Reservoir New	23-Feb-22	2.4	<0.5	0.01	<4	<1	<5	7.91
Oxford Reservoir	23-Feb-22	1.4	8.3	0.10	<4	<1	<5	8.06
Everall Station Sample	29-Mar-22	1.5	1.1	0.07	<4	<1	<5	8.06
Malabar Station Sample	29-Mar-22	1.9	2.4	0.18	8	2	<5	8.10
Chestnut Station Sample	29-Mar-22	1.9	3.4	0.10	<4	4	<5	8.09
Russell Avenue Sample Station	29-Mar-22	1.6	1.3	0.09	6	<1	<5	8.04
Roper Reservoir	29-Mar-22	1.2	0.9	2.10	4	1	<5	8.08
Roper PRV	29-Mar-22	1.0	30.0	0.16	5	1	<5	8.10
Stevens Station Sample	29-Mar-22	1.0	3.3	0.22	7	<1	<5	8.09
Oxford & Buena Vista Station	30-Mar-22	1.2	14.0	0.33	7	1	<5	7.98
Museum Station Sampling	30-Mar-22	1.3	3.5	0.01	5	<1	<5	8.06
Balsam & Marine Station	30-Mar-22	1.3	1.2	0.07	4	<1	<5	8.09
Stayte Road Station	30-Mar-22	1.3	2.4	0.19	10	2	<5	8.12
Finlay Station	30-Mar-22	1.0	1.0	0.04	6	1	<5	8.10
Merklin Reservoir Low	30-Mar-22	0.4	13.0	0.01	5	<1	<5	8.09
Merklin Reservoir New	30-Mar-22	0.4	<0.5	<0.01	6	<1	<5	8.09
Oxford Reservoir	30-Mar-22	2.1	7.2	0.09	8	<1	<5	7.98
Everall Station Sample	26-Apr-22	2.3	1.7	0.06	<4	<1	<5	8.09
Malabar Station Sample	26-Apr-22	2.5	2.7	0.17	6	1	<5	8.11
Chestnut Station Sample	26-Apr-22	2.4	1.9	0.07	<4	3	<5	8.10
Russell Avenue Sample Station	26-Apr-22	2.3	1.3	0.08	<4	<1	<5	8.09
Roper Reservoir	26-Apr-22	1.8	0.6	0.07	<4	<1	<5	8.12
Roper PRV	26-Apr-22	1.5	14.0	0.10	<4	<1	<5	8.12

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Distribution Metal Results 2022									
Sample Location		Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Stevens Station	Sample	26-Apr-22	1.2	3.1	0.16	<4	<1	<5	8.12
Stayte Road Station	Sample	26-Apr-22	1.7	2	0.17	<4	1	<5	8.14
Oxford & Buena Vista Station		27-Apr-22	1.7	13	0.31	<4	<1	<5	8.04
Museum Station	Sampling	27-Apr-22	1.8	3.6	0.04	<4	<1	<5	8.11
Balsam & Marine Station		27-Apr-22	1.7	1.4	0.08	5	<1	<5	8.11
Finlay Station		27-Apr-22	2.0	0.8	0.04	4	<1	<5	8.11
Merklin Reservoir	Low	27-Apr-22	1.1	11.0	0.01	5	<1	<5	8.13
Merklin Reservoir	New	27-Apr-22	1.1	<0.5	<0.01	<4	<1	<5	8.16
Oxford Reservoir		27-Apr-22	2.3	5.9	0.06	4	<1	<5	8.12
Everall Station	Sample	30-May-22	2.7	1.8	0.08	<4	<1	<5	8.02
Mann Park Station	Sample	30-May-22	2.6	3.6	0.09	5	2	<5	8.03
Marine Station	Sample	30-May-22	2.6	4.4	0.17	<5	3	<5	8.04
Russell Avenue Sample Station		30-May-22	2.7	1.5	0.07	5	<1	<5	8.02
Roper Reservoir		30-May-22	2.3	0.6	0.09	5	<1	<5	8.03
Roper PRV		30-May-22	2.0	5.3	0.04	5	<1	<5	8.04
Russell Avenue Sample Station		30-May-22	1.9	6.6	0.57	7	1	<5	8.03
Oxford & Buena Vista Station		31-May-22	2.2	18.0	0.40	<4	<1	<5	8.05
Museum Station	Sampling	31-May-22	2.3	3.2	<0.01	4	<1	<5	8.10
Balsam & Marine Station		31-May-22	2.3	1.1	<0.08	4	<1	<5	8.11
Stayte Road Station		31-May-22	2.3	3.0	0.26	4	<1	<5	8.12
Finlay Station		31-May-22	2.4	1.0	0.04	5	<1	<5	8.11
Merklin Reservoir	Low	31-May-22	1.9	18.0	<0.01	<4	<1	<5	8.11
Merklin Reservoir	New	31-May-22	2.0	5.0	<0.01	<4	<1	<5	8.11

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Distribution Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Oxford Reservoir	31-May-22	2.6	6.8	0.05	8	<1	<5	8.10
Everall Station	Sample 27-Jun-22	4.2	1.0	<0.1	<10	<5	<5	8.07
Mann Park Station	Sample 27-Jun-22	4.2	3.0	<0.1	<10	<5	<5	8.09
Marine Station	Sample 27-Jun-22	4.1	4.0	0.20	<10	<5	<5	8.07
Russell Avenue Sample Station	27-Jun-22	4.2	1.0	<0.1	<10	<5	<5	8.07
Roper Reservoir	27-Jun-22	3.9	<1.0	<0.1	<10	<5	<5	8.07
Roper PRV	27-Jun-22	3.9	8.0	<0.1	<10	<5	<5	8.08
Roper Avenue Sample Station	27-Jun-22	3.5	6.0	0.60	<10	<5	<5	8.07
Everall Station	Sample 25-Jul-22	4.2	0.9	0.08	<4	<1.0	<5	7.74
Mann Park Station	Sample 25-Jul-22	4.1	3.5	0.12	5	<1.0	<5	7.84
Marine Station	Sample 25-Jul-22	4.0	3.4	0.22	<4	3	<5	7.82
Russell Avenue Sample Station	25-Jul-22	4.1	1.1	0.09	<4	<1.0	<5	7.79
Roper Reservoir	25-Jul-22	4.0	0.6	0.10	41	<1.0	<5	7.77
Roper PRV	25-Jul-22	3.9	8.8	0.08	<4	<1.0	<5	7.76
Stevens Station	Sample 25-Jul-22	3.9	4.6	0.53	<4	<1.0	<5	7.72
Oxford & Buena Vista Station	26-Jul-22	3.9	11	0.30	<4	<1	<5	8.03
Museum Station	Sampling 26-Jul-22	3.9	1.9	<0.01	<4	<1	<5	8.08
Balsam & Marine Station	26-Jul-22	3.9	0.8	0.09	5	<1	<5	8.09
Stayte Road Station	26-Jul-22	3.9	12	2.40	17	2	<5	8.09
Finlay Station	26-Jul-22	3.9	1.0	0.06	<4	<1	<5	8.08
Merklin Reservoir	Low 26-Jul-22	3.7	11.0	<0.01	<4	<1	<5	8.09
Merklin Reservoir	New 26-Jul-22	3.8	<0.5	<0.01	<4	<1	<5	8.09
Oxford Reservoir	26-Jul-22	4.1	<0.5	0.03	<4	<1	<5	8.10
Everall Station	Sample 29-Aug-22	4.4	1.1	0.11	<4	<1	<5	7.72
Malabar Station	Sample 29-Aug-22	4.3	2.7	0.26	<4	2	<5	7.64

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Distribution Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Chestnut & North Bluff	29-Aug-22	4.5	1.5	0.08	<4	2	<5	7.77
Russell Avenue Sample Station	29-Aug-22	4.4	1.2	0.07	<4	<1	<5	7.78
Roper Reservoir	29-Aug-22	4.3	0.5	0.06	5	1	<5	7.79
Roper PRV	29-Aug-22	4.3	3.6	0.01	<4	<1	<5	7.77
Stevens Sample Station	29-Aug-22	4.3	2.8	0.23	<4	<1	<5	7.79
Oxford & Buena Vista Station	30-Aug-22	4.4	15	0.40	8	8	<5	7.82
Museum Sampling Station	30-Aug-22	4.4	2.0	<0.01	<4	1	<5	7.82
Balsam & Marine Station	30-Aug-22	4.3	0.8	0.11	<4	<1	<5	7.80
Stayte Road Station	30-Aug-22	4.3	9.3	1.80	9	2	<5	7.81
Finlay Station	30-Aug-22	4.4	0.7	0.02	<4	<1	<5	7.82
Merklin Low Reservoir	30-Aug-22	4.2	19	<0.01	<4	<1	<5	7.83
Merklin New Reservoir	30-Aug-22	4.2	<0.5	<0.01	<4	<1	<5	7.86
Oxford Reservoir	30-Aug-22	4.3	<0.5	0.04	<4	<1	<5	7.84
Everall Sample Station	14-Sep-22	4.2	1.1	0.08	<4	<1	<5	7.77
Mann Park Sample Station	14-Sep-22	4.2	2.7	0.13	<4	2	<5	7.76
Marine Sample Station	14-Sep-22	4.3	4.4	0.29	<4	3	<5	7.63
Malabar Sample Station	14-Sep-22	4.1	3.5	0.28	<4	2	<5	7.76
Chestnut & North Bluff	14-Sep-22	4.0	1.1	0.07	<4	4	<5	7.76
Russell Avenue Sample Station	14-Sep-22	4.1	1.4	0.11	<4	1	<5	7.72
Roper Reservoir	14-Sep-22	4.1	0.7	0.13	<4	1	<5	7.76
Roper PRV	14-Sep-22	3.0	1.5	0.07	<4	<1	<5	7.76
Roper Avenue Station	14-Sep-22	3.9	6.7	0.80	<4	2	<5	7.78
Stevens Sample Station	14-Sep-22	4.0	3.3	0.27	<4	<1	<5	7.75
Oxford & Buena Vista Station	14-Sep-22	4.0	15	0.36	<4	2	<5	7.76
Museum Sampling Station	14-Sep-22	4.1	4.6	0.01	<4	<1	<5	7.78
Balsam & Marine Station	14-Sep-22	4.1	0.7	0.08	<4	1	<5	7.77

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Distribution Metal Results 2022								
Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Stayte Road Station	14-Sep-22	4.1	4.3	0.69	<4	3	<5	7.77
Finlay Station	14-Sep-22	4.0	1.1	0.09	<4	<1	<5	7.76
Merklin Reservoir Low	14-Sep-22	3.8	21.0	0.08	<4	<1	<5	7.76
Merklin Reservoir New	14-Sep-22	4.0	<0.5	0.06	<4	<1	<5	7.77
Oxford Reservoir	14-Sep-22	4.1	<0.5	0.08	<4	<1	<5	7.76
Everall Station Sample	24-Oct-22	3.9	0.8	0.05	<4	<1	<5	7.75
Russell Avenue Sample Station	24-Oct-22	3.9	0.9	0.07	<4	<1	<5	7.80
Roper Reservoir	24-Oct-22	3.9	0.7	0.14	<4	<1	<5	7.83
Chestnut Station Sample	24-Oct-22	4.0	1.2	0.07	<4	5	<5	7.78
Roper PRV	24-Oct-22	3.8	1.3	0.06	<4	2	<5	7.80
Stevens Station Sample	24-Oct-22	3.9	2.5	0.19	<4	<1	<5	7.81
Malabar Station Sample	24-Oct-22	4.0	2.6	0.22	<4	1	<5	7.79
Oxford & Buena Vista Station	25-Oct-22	3.7	11.0	0.28	<4	2	<5	7.78
Museum Station Sampling	25-Oct-22	3.7	2.0	<0.01	<4	<1	<5	7.81
Balsam & Marine Station	25-Oct-22	3.7	0.7	0.08	<4	<1	<5	7.82
Stayte Road Station	25-Oct-22	3.7	3.8	0.83	9	2	<5	7.82
Finlay Station	25-Oct-22	3.7	0.6	0.04	<4	1	<5	7.82
Merklin Reservoir Low	25-Oct-22	3.5	11.0	<0.01	6	<1	<5	7.82
Merklin Reservoir New	25-Oct-22	3.6	<0.5	<0.01	<4	<1	<5	7.83
Oxford Reservoir	25-Oct-22	3.6	<0.5	0.04	<4	<1	<5	7.82
Everall Station Sample	29-Nov-22	4.4	0.9	0.04	<4	<1	<5	7.67
Mann Park Station Sample	29-Nov-22	4.5	2.4	0.09	<4	<1	<5	7.76
Marine Station Sample	29-Nov-22	4.3	3.3	0.17	8	4	<5	7.77
Russell Avenue Sample Station	29-Nov-22	4.4	1.1	0.06	<4	<1	<5	7.78
Roper Reservoir	29-Nov-22	4.4	0.5	0.07	<4	<1	<5	7.79
Roper PRV	29-Nov-22	4.4	1.2	0.04	<4	<1	<5	7.77
Stevens Station Sample	29-Nov-22	4.3	3.6	0.25	<4	<1	<5	7.80

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Distribution Metal Results 2022

Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	pH
Oxford & Buena Vista Station	30-Nov-22	4.4	12.0	0.27	<4	<1	<5	7.72
Museum Sampling Station	30-Nov-22	4.4	2.6	<0.01	<4	<1	<5	7.77
Balsam & Marine Station	30-Nov-22	4.4	1.5	0.07	5	<1	<5	7.77
Stayte Road Station	30-Nov-22	4.4	4.2	0.83	16	3	<5	7.78
Finlay Station	30-Nov-22	4.5	1.0	0.04	<4	<1	<5	7.78
Merklin Reservoir Low	30-Nov-22	4.3	8.1	<0.01	<4	<1	<5	7.80
Merklin Reservoir New	30-Nov-22	4.3	<0.5	<0.01	<4	<1	<5	7.81
Oxford Reservoir	30-Nov-22	4.4	<0.5	<0.01	<4	<1	<5	7.82
Everall Sample Station	19-Dec-22	4.7	1.0	0.04	<4	<1	<5	7.82
Malabar Sample Station	19-Dec-22	4.7	2.5	0.14	<4	1	<5	7.84
Chestnut & North Bluff Stn	19-Dec-22	4.6	2.0	0.04	<4	3	<5	7.90
Russell Avenue Sample Station	19-Dec-22	4.8	1.0	0.06	<4	<1	<5	7.89
Roper Reservoir	19-Dec-22	4.7	0.7	0.10	<4	<1	<5	7.87
Roper PRV	19-Dec-22	4.7	3.2	0.04	<4	<1	<5	7.89
Stevens Sample Station	19-Dec-22	4.8	3.3	0.15	<4	<1	<5	7.87
Oxford & Buena Vista Station	19-Dec-22	4.7	11.0	0.26	<4	<1	<5	7.76
Museum Sampling Station	19-Dec-22	4.7	2.7	<0.01	<4	<1	<5	7.87
Merklin Reservoir Low	21-Dec-22	4.7	9.7	<0.01	<4	<1	<5	7.87
Merklin Reservoir New	21-Dec-22	4.8	<0.5	<0.01	<4	<1	<5	7.89
Oxford Reservoir	21-Dec-22	4.8	<0.5	0.01	<4	<1	<5	7.90

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In House Water Testing - 2020									
Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Everall St. Sample Station									
Malabar Sample Station									
Chestnut & N. Bluff Sample STN									
Russell Ave. Sample Station									
Roper Reservoir	4-Jan-22	11:05 AM	305	8.12	0.09	0.69	0.03	8.5	23.8
Roper PRV	4-Jan-22	11:15 AM	305	8.16	0.07	0.72	0.03	9.0	23.8
Stevens Sample Station	4-Jan-22	10:00 AM	294	8.19	0.08	0.88	0.04	8.5	20.8
Oxford St. & Buena Vista STN	5-Jan-22	9:10 AM	289	8.17	0.10	0.61	0.04	8.1	17.9
Museum Sample Station	4-Jan-22	10:55 AM	298	8.25	0.08	0.72	0.03	7.5	18.6
Balsam & Marine Sample STN	4-Jan-22	10:20 AM	308	8.25	0.07	0.68	0.02	8.3	18.6
Stayte Sample Station	4-Jan-22	10:40 AM	304	8.20	0.07	0.74	0.02	7.0	22.8
Finlay St. Sample Station	4-Jan-22	10:10 AM	297	8.23	0.09	0.79	0.03	7.5	19.9
Merklin Low Reservoir	5-Jan-22	8:25 AM	300	8.19	0.10	0.71	0.00	9.3	22.0
Merklin Reservoir (New)	5-Jan-22	8:35 AM	298	8.20	0.08	0.71	0.05	9.6	17.2
Oxford Reservoir	5-Jan-22	8:50 AM	286	8.09	0.08	0.77	0.03	9.7	15.7
Everall St. Sampling Station	10-Jan-22	9:20 AM	289	8.09	0.07	0.71	0.02	9.7	19.5
Mann Park Sample Station	10-Jan-22	9:30 AM	298	8.19	0.09	0.73	0.02	6.8	23.7
Marine Dr Sample Station	10-Jan-22	9:45 AM	290	8.22	0.11	0.59	0.02	6.9	21.6
Russell Ave. Sample Station	10-Jan-22	10:00 AM	298	8.23	0.08	0.73	0.00	8.1	26.3
Roper Reservoir	10-Jan-22	10:30 AM	288	8.24	0.08	0.74	0.05	9.7	20.8
Roper PRV	10-Jan-22	10:35 AM	284	8.28	0.16	0.73	0.05	10.8	19.8
Roper Ave. Sample Station	10-Jan-22	10:15 AM	290	8.25	0.08	0.73	0.03	7.1	18.6
Oxford St. & Buena Vista STN	11-Jan-22	7:45 AM	299	8.03	0.05	0.61	0.03	8.2	26.5
Museum Sample Station	11-Jan-22	9:50 AM	299	8.21	0.07	0.67	0.04	8.3	26.9
Balsam & Marine Sample STN	11-Jan-22	10:22 AM	297	8.22	0.06	0.65	0.02	6.9	27.7

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In House Water Testing - 2020

Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Stayte Station Sample	11-Jan-22	10:14 AM	290	8.21	0.08	0.62	0.03	6.0	26.4
Finlay St. Station Sample	11-Jan-22	8:45 AM	281	8.20	0.11	0.74	0.06	7.0	15.6
Merklin Reservoir Low	11-Jan-22	7:00 AM	294	8.13	0.08	0.68	0.03	10.2	26.1
Merklin Reservoir (New)	11-Jan-22	7:10 AM	299	8.16	0.09	0.70	0.07	10.1	24.7
Oxford Reservoir	11-Jan-22	8:15 AM	299	8.18	0.06	0.76	0.05	10.1	23.9
Everall St. Station Sample	17-Jan-22	8:55 AM	290	7.98	0.07	0.81	0.03	9.6	24.2
Malabar Station Sample	17-Jan-22	9:05 AM	291	8.00	0.08	0.73	0.03	8.0	26.6
Chestnut & N. Bluff Sample STN	17-Jan-22	9:20 AM	291	7.96	0.07	0.64	0.01	7.0	25.0
Russell Ave. Station Sample	17-Jan-22	9:30 AM	290	8.01	0.31	0.77	0.02	9.1	25.1
Roper Reservoir	17-Jan-22	10:45 AM	294	8.02	0.06	0.78	0.02	9.0	23.0
Roper PRV	17-Jan-22	10:55 AM	292	8.04	0.07	0.82	0.03	9.1	26.0
Stevens Station Sample	17-Jan-22	9:40 AM	293	8.02	0.09	0.84	0.02	9.2	26.3
Oxford St. & Buena Vista STN	18-Jan-22	7:46 AM	291	8.04	0.06	0.66	0.02	10.3	19.3
Museum Station Sample	18-Jan-22	7:58 AM	292	8.03	0.09	0.70	0.06	8.9	20.4
Balsam & Marine Sample STN	18-Jan-22	8:25 AM	295	8.00	0.07	0.72	0.04	8.4	22.7
Stayte Station Sample	18-Jan-22	8:15 AM	299	7.99	0.07	0.59	0.03	7.4	22.6
Finlay St. Station Sample	18-Jan-22	8:30 AM	293	8.04	0.05	0.70	0.06	7.9	21.0
Merklin Reservoir Low	18-Jan-22	7:00 AM	293	7.99	0.09	0.79	0.02	9.3	24.2
Merklin Reservoir (New)	18-Jan-22	7:05 AM	300	7.81	0.06	0.73	0.04	10.7	23.3
Oxford Reservoir	18-Jan-22	7:47 AM	294	8.03	0.07	0.76	0.05	9.5	22.2
Everall St. Sampling Station	24-Jan-22	7:40 AM	291	8.03	0.08	0.74	0.03	-	15.9
Mann Park Station Sample	24-Jan-22	8:05 AM	302	8.14	0.09	0.73	0.02	8.3	17.0
Marine Dr Station Sample	24-Jan-22	8:20 AM	308	8.17	0.07	0.59	0.03	7.6	19.1
Russell Ave. Station Sample	24-Jan-22	8:35 AM	300	8.19	0.05	0.76	0.03	8.5	17.7
Roper Reservoir	24-Jan-22	8:50 AM	294	8.19	0.07	0.79	0.04	8.5	17.2

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Roper PRV	24-Jan-22	8:55 AM	307	8.18	0.07	0.80	0.02	8.5	18.0
Roper Ave. Sample Station	24-Jan-22	9:40 AM	310	8.17	0.05	0.71	0.02	7.5	20.2
Oxford St. & Buena Vista STN	25-Jan-22	7:40 AM	298	7.96	0.07	0.61	0.03	9.1	15.2
Museum Sample Station	25-Jan-22	8:00 AM	313	8.03	0.07	0.70	0.03	8.9	17.9
Balsam & Marine Sample STN	25-Jan-22	9:10 AM	312	8.06	0.08	0.69	0.03	9.0	17.9
Stayte Sample Station	25-Jan-22	9:25 AM	298	8.13	0.08	0.59	0.03	8.0	17.0
Finlay St. Sample Station	25-Jan-22	9:35 AM	307	8.11	0.07	0.75	0.03	8.5	16.3
Merklin Low Reservoir	25-Jan-22	7:00 AM	323	8.06	0.06	0.74	0.02	9.2	26.1
Merklin Reservoir (New)	25-Jan-22	7:10 AM	315	8.02	0.06	0.71	0.03	9.7	26.8
Oxford Reservoir	25-Jan-22	8:45 AM	309	8.09	0.08	0.73	0.03	9.9	22.3
Everall St. Sampling Station	31-Jan-22	7:50 AM	323	8.03	0.05	69.00	0.04	9.7	22.2
Malabar Sampling Station	31-Jan-22	8:00 AM	322	8.05	0.08	0.65	0.03	8.3	22.7
Chestnut & N. Bluff Sample STN	31-Jan-22	8:10 AM	316	8.08	0.08	0.58	0.01	7.1	19.4
Russell Ave. Sample Station	31-Jan-22	8:30 AM	323	8.09	0.06	0.66	0.04	9.1	18.5
Roper Reservoir	31-Jan-22	8:40 AM	324	8.12	0.06	0.67	0.05	8.2	19.4
Roper PRV	31-Jan-22	8:50 AM	328	8.07	0.07	0.66	0.00	8.7	23.5
Stevens Sample Station	31-Jan-22	9:00 AM	324	8.06	0.06	0.76	0.02	8.7	24.1
Oxford St. & Buena Vista STN	1-Feb-22	7:30 AM	313	7.99	0.05	0.61	0.04	8.8	14.9
Museum Sample Station	1-Feb-22	7:50 AM	322	8.03	0.08	0.65	0.03	9.0	16.5
Balsam & Marine Sample STN	1-Feb-22	8:05 AM	321	8.04	0.06	0.65	0.05	8.9	18.1
Stayte Sample Station	1-Feb-22	8:25 AM	319	8.08	0.07	0.54	0.07	7.3	17.2
Finlay St. Sample Station	1-Feb-22	8:35 AM	313	8.03	0.08	0.72	0.04	8.1	16.4
Merklin Low Reservoir	1-Feb-22	7:00 AM	309	7.99	0.06	0.83	0.03	9.3	24.2
Merklin Reservoir (New)	1-Feb-22	7:15 AM	318	7.99	0.06	0.77	0.02	9.4	27.6
Oxford Reservoir	1-Feb-22	9:00 AM	290	8.08	0.07	0.73	0.03	9.3	19.5

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Everall St. Sampling Station	7-Feb-22	7:30 AM	293	7.91	0.07	0.73	0.02	9.9	21.9
Mann Park Sample Station	7-Feb-22	7:45 AM	299	7.97	0.06	0.69	0.00	7.8	24.6
Marine Dr Sample Station	7-Feb-22	8:05 AM	300	7.99	0.06	0.52	0.01	7.0	26.0
Russell Ave. Sample Station	7-Feb-22	8:20 AM	289	8.00	0.06	0.72	0.03	9.1	23.6
Roper Reservoir	7-Feb-22	8:35 AM	297	8.01	0.07	0.70	0.01	8.5	24.9
Roper PRV	7-Feb-22	8:40 AM	297	8.00	0.05	0.72	0.02	8.5	25.4
Roper Ave. Sample Station	7-Feb-22	9:00 AM	294	8.02	0.06	0.77	0.02	7.2	25.5
Oxford St. & Buena Vista STN	8-Feb-22	7:30 AM	286	8.04	0.07	0.62	0.01	8.7	18.8
Museum Sample Station	8-Feb-22	7:45 AM	301	8.11	0.06	0.70	0.02	9.0	22.3
Balsam & Marine Sample STN	8-Feb-22	8:10 AM	299	8.11	0.06	0.68	0.02	8.8	25.1
Stayte Sample Station	8-Feb-22	8:30 AM	288	8.15	0.06	0.59	0.01	7.6	20.0
Finlay St. Sample Station	8-Feb-22	8:04 AM	295	8.13	0.07	0.76	0.02	8.2	20.4
Merklin Low Reservoir	8-Feb-22	7:05 AM	302	8.10	0.05	0.80	0.03	9.0	28.1
Merklin Reservoir (New)	8-Feb-22	7:10 AM	302	8.09	0.07	0.75	0.01	9.3	30.5
Oxford Reservoir	8-Feb-22	9:00 AM	287	8.12	0.07	0.74	0.03	9.5	24.1
Everall St. Sampling Station	14-Feb-22	7:55 AM	312	7.85	0.07	0.75	0.03	11.0	19.9
Malabar Sampling Station	14-Feb-22	8:10 AM	323	7.88	0.06	0.71	0.04	9.7	21.1
Chestnut & N. Bluff Sample STN	14-Feb-22	8:20 AM	326	7.93	0.05	0.63	0.00	8.8	22.6
Russell Ave. Sample Station	14-Feb-22	8:35 AM	310	7.97	0.06	0.75	0.05	10.3	20.7
Roper Reservoir	14-Feb-22	8:50 AM	323	7.97	0.07	0.74	0.03	10.0	21.8
Roper PRV	14-Feb-22	8:55 AM	325	7.95	0.05	0.72	0.02	9.9	25.3
Stevens Sample Station	14-Feb-22	9:10 AM	326	7.97	0.06	0.80	0.01	9.9	26.9
Oxford St. & Buena Vista STN	15-Feb-22	7:45 AM	312	7.83	0.06	0.65	0.02	10.3	19.0
Museum Sample Station	15-Feb-22	8:00 AM	325	7.89	0.05	0.71	0.03	10.1	21.4
Balsam & Marine Sample STN	15-Feb-22	8:15 AM	321	7.93	0.06	0.69	0.05	9.9	22.6

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In House Water Testing - 2020										
Sampling Location		Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Stayte Station	Sample	15-Feb-22	8:30 AM	318	7.96	0.07	0.62	0.03	8.8	21.2
Finlay St. Station	Sample	15-Feb-22	8:40 AM	315	7.97	0.07	0.74	0.03	9.4	20.2
Merklin Reservoir	Low	15-Feb-22	7:00 AM	325	7.90	0.05	0.77	0.01	10.5	27.6
Merklin Reservoir (New)	Reservoir	15-Feb-22	7:05 AM	323	7.90	0.06	0.75	0.00	10.6	30.1
Oxford Reservoir		15-Feb-22	9:00 AM	317	7.95	0.07	0.72	0.03	10.5	25.3
Everall St. Sampling Station		22-Feb-22	7:35 AM	310	7.72	0.06	0.76	0.03	12.2	13.8
Mann Park Station	Sample	22-Feb-22	9:25 AM	322	7.72	0.05	0.70	0.03	9.3	18.1
Marine Dr Station	Sample	22-Feb-22	8:25 AM	322	7.80	0.06	0.44	0.03	8.8	19.1
Russell Ave. Station	Sample	22-Feb-22	8:40 AM	308	7.84	0.05	0.79	0.03	10.2	16.9
Roper Reservoir		22-Feb-22	8:55 AM	320	7.85	0.08	0.74	0.03	9.2	17.7
Roper PRV		22-Feb-22	9:00 AM	312	7.87	0.07	0.78	0.04	9.2	17.2
Roper Ave. Station	Sample	22-Feb-22	9:10 AM	323	7.84	0.05	0.68	0.02	9.0	20.1
Oxford St. & Buena Vista STN		23-Feb-22	7:40 AM	309	7.61	0.05	0.66	0.04	9.9	13.6
Museum Station	Sample	23-Feb-22	7:55 AM	321	7.65	0.05	0.72	0.04	9.9	17.4
Balsam & Marine Sample STN		23-Feb-22	8:10 AM	321	7.69	0.07	0.70	0.03	9.7	21.7
Stayte Station	Sample	23-Feb-22	8:30 AM	310	7.82	0.06	0.59	0.04	9.0	17.3
Finlay St. Station	Sample	23-Feb-22	8:50 AM	312	7.81	0.09	0.74	0.00	9.3	15.3
Merklin Reservoir	Low	23-Feb-22	7:00 AM	320	7.66	0.05	0.82	0.04	10.0	24.5
Merklin Reservoir (New)	Reservoir	23-Feb-22	7:10 AM	320	7.71	0.05	0.80	0.02	10.1	25.5
Oxford Reservoir		23-Feb-22	9:05 AM	308	7.84	0.05	0.78	0.02	10.2	18.9
Everall St. Sampling Station		28-Feb-22	7:40 AM	287	7.69	0.06	0.82	0.02	10.6	19.2
Malabar Station	Sampling	28-Feb-22	7:50 AM	300	7.68	0.06	0.78	0.03	9.4	22.9
Chestnut & N. Bluff Sample STN		28-Feb-22	8:05 AM	295	7.73	0.08	0.69	0.02	8.4	24.6
Russell Ave. Station	Sample	28-Feb-22	8:20 AM	284	7.82	0.06	0.84	0.04	10.0	21.2
Roper Reservoir		28-Feb-22	8:30 AM	291	7.84	0.05	0.74	0.03	9.7	21.0

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Roper PRV	28-Feb-22	8:35 AM	298	7.79	0.06	0.78	0.04	9.8	25.4
Stevens Sample Station	28-Feb-22	9:10 AM	291	7.82	0.07	0.79	0.04	9.4	25.6
Oxford St. & Buena Vista STN	1-Mar-22	7:35 AM	286	7.93	0.08	0.67	0.04	9.7	18.7
Museum Sample Station	1-Mar-22	7:50 AM	299	7.98	0.08	0.74	0.01	9.9	22.1
Balsam & Marine Sample STN	1-Mar-22	8:05 AM	297	8.01	0.06	0.73	0.02	9.7	23.9
Stayte Sample Station	1-Mar-22	8:25 AM	287	8.05	0.06	0.61	0.05	8.5	20.5
Finlay St. Sample Station	1-Mar-22	8:40 AM	293	8.04	0.07	0.77	0.02	9.2	19.8
Merklin Low Reservoir	1-Mar-22	7:00 AM	302	7.97	0.08	0.75	0.02	10.3	30.5
Merklin Reservoir (New)	1-Mar-22	7:10 AM	300	7.97	0.08	0.73	0.02	10.4	32.7
Oxford Reservoir	1-Mar-22	9:05 AM	285	8.03	0.08	0.82	0.03	10.6	23.8
Everall St. Sampling Station	7-Mar-22	7:45 AM	320	7.97	0.07	0.74	0.05	10.6	21.2
Mann Park Sample Station	7-Mar-22	7:55 AM	324	8.01	0.07	0.70	0.03	9.4	24.8
Marine Dr Sample Station	7-Mar-22	8:10 AM	328	7.99	0.08	0.46	0.00	8.4	31.0
Russell Ave. Sample Station	7-Mar-22	8:20 AM	311	8.09	0.07	0.75	0.02	10.5	23.0
Roper Reservoir	7-Mar-22	8:30 AM	325	8.12	0.07	0.70	0.04	8.7	24.5
Roper PRV	7-Mar-22	8:35 AM	324	8.10	0.06	0.75	0.03	10.3	27.5
Roper Ave. Sample Station	7-Mar-22	9:00 AM	312	8.15	0.07	0.74	0.05	9.5	23.3
Oxford St. & Buena Vista STN	8-Mar-22	7:35 AM	312	7.92	0.07	0.64	0.03	10.6	19.7
Museum Sample Station	8-Mar-22	8:00 AM	323	7.97	0.05	0.71	0.03	10.5	21.9
Balsam & Marine Sample STN	8-Mar-22	8:15 AM	324	7.98	7.00	0.67	0.04	10.4	26.5
Stayte Sample Station	8-Mar-22	8:30 AM	313	8.05	0.08	0.60	0.04	9.5	21.3
Finlay St. Sample Station	8-Mar-22	8:45 AM	316	8.05	0.06	0.72	0.03	10.2	20.9
Merklin Low Reservoir	8-Mar-22	7:05 AM	324	7.98	0.05	0.78	0.03	10.4	29.8
Merklin Reservoir (New)	8-Mar-22	7:15 AM	320	8.01	0.05	0.76	0.03	10.6	29.6
Oxford Reservoir	8-Mar-22	9:00 AM	314	8.06	0.08	0.75	0.06	10.6	24.0

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Everall St. Sampling Station	14-Mar-22	7:55 AM	314	8.01	0.06	0.76	0.02	11.4	20.7
Malabar Sampling Station	14-Mar-22	8:10 AM	322	8.06	0.08	0.72	0.02	10.5	23.4
Chestnut & N. Bluff Sample STN	14-Mar-22	8:20 AM	324	8.05	0.06	0.60	0.02	10.1	27.2
Russell Ave. Sample Station	14-Mar-22	8:30 AM	314	8.11	0.05	0.75	0.05	10.6	23.4
Roper Reservoir	14-Mar-22	8:40 AM	312	8.11	0.06	0.70	0.04	10.3	21.7
Roper PRV	14-Mar-22	8:45 AM	322	8.10	0.07	0.70	0.03	10.4	26.7
Stevens Sample Station	14-Mar-22	9:00 AM	325	8.02	0.08	0.70	0.02	10.4	29.4
Oxford St. & Buena Vista STN	15-Mar-22	7:35 AM	311	7.98	0.07	0.67	0.02	10.9	18.9
Museum Sample Station	15-Mar-22	7:45 AM	323	8.04	0.08	0.68	0.04	10.4	22.6
Balsam & Marine Sample STN	15-Mar-22	7:55 AM	322	8.09	0.06	0.65	0.05	10.5	24.4
Stayte Sample Station	15-Mar-22	8:10 AM	311	8.13	0.08	0.58	0.03	9.6	20.9
Finlay St. Sample Station	15-Mar-22	8:20 AM	320	8.15	0.06	0.71	0.05	10.2	21.2
Merklin Low Reservoir	15-Mar-22	7:10 AM	327	8.15	0.05	0.71	0.04	10.4	28.9
Merklin Reservoir (New)	15-Mar-22	7:15 AM	321	8.14	0.06	0.72	0.03	10.6	29.4
Oxford Reservoir	15-Mar-22	8:50 AM	314	8.13	0.06	0.79	0.04	10.6	23.8
Everall St. Sampling Station	21-Mar-22	7:45 AM	314	8.00	0.07	0.76	0.02	10.9	18.7
Mann Park Sample Station	21-Mar-22	7:55 AM	322	8.04	0.05	0.74	0.04	9.6	24.2
Marine Dr Sample Station	21-Mar-22	8:10 AM	317	8.12	0.07	0.34	0.03	8.8	24.4
Russell Ave. Sample Station	21-Mar-22	8:20 AM	311	8.13	0.05	0.78	0.04	10.3	21.5
Roper Reservoir	21-Mar-22	8:30 AM	315	8.17	0.07	0.74	0.02	10.0	20.9
Roper PRV	21-Mar-22	8:35 AM	322	8.12	0.07	0.74	0.03	10.2	25.3
Roper Ave. Sample Station	21-Mar-22	8:45 AM	322	8.14	0.05	0.72	0.02	9.8	26.4
Oxford St. & Buena Vista STN	22-Mar-22	7:25 AM	310	8.05	0.07	0.66	0.00	10.8	19.2
Museum Sample Station	22-Mar-22	7:50 AM	323	8.09	0.07	0.68	0.03	10.7	21.9
Balsam & Marine Sample STN	22-Mar-22	8:05 AM	321	8.14	0.07	0.67	0.02	10.5	23.3

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Stayte Station Sample	22-Mar-22	8:20 AM	316	8.21	0.08	0.59	0.02	9.9	21.5
Finlay St. Station Sample	22-Mar-22	8:30 AM	317	8.15	0.06	0.74	0.03	10.2	22.1
Merklin Reservoir Low	22-Mar-22	7:00 AM	324	8.09	0.07	0.74	0.02	10.2	29.3
Merklin Reservoir (New)	22-Mar-22	7:05 AM	324	8.07	0.06	0.71	0.05	10.4	31.7
Oxford Reservoir	22-Mar-22	8:50 AM	311	8.09	0.09	0.70	0.04	10.7	24.3
Everall St. Sampling Station	29-Mar-22	8:20 AM	333	7.77	0.06	0.71	0.02	11.0	20.7
Malabar Sampling Station	29-Mar-22	8:30 AM	335	7.86	0.07	0.73	0.06	10.8	23.1
Chestnut & N. Bluff Sample STN	29-Mar-22	8:40 AM	338	7.94	0.06	0.63	0.02	10.9	24.9
Russell Ave. Sample Station	29-Mar-22	8:50 AM	335	7.90	0.07	0.76	0.02	10.9	23.6
Roper Reservoir	29-Mar-22	9:00 AM	329	7.95	0.08	0.70	0.06	10.9	22.8
Roper PRV	29-Mar-22	9:05 AM	336	7.94	0.05	0.74	0.06	11.2	26.3
Stevens Station Sample	29-Mar-22	9:20 AM	335	7.92	0.05	0.73	0.05	11.2	28.9
Oxford St. & Buena Vista STN	30-Mar-22	7:35 AM	319	7.96	0.08	0.70	0.05	10.9	20.9
Museum Station Sample	30-Mar-22	7:55 AM	329	7.98	0.05	0.72	0.08	11.7	23.6
Balsam & Marine Sample STN	30-Mar-22	8:10 AM	333	8.04	0.07	0.68	0.05	11.7	27.4
Stayte Station Sample	30-Mar-22	8:30 AM	325	8.11	0.09	0.62	0.02	10.8	23.1
Finlay St. Station Sample	30-Mar-22	8:40 AM	324	8.12	0.08	0.72	0.06	11.4	22.0
Merklin Reservoir Low	30-Mar-22	9:10 AM	305	8.10	0.06	0.84	0.07	10.4	25.7
Merklin Reservoir (New)	30-Mar-22	9:15 AM	317	8.10	0.05	0.80	0.07	10.6	27.6
Oxford Reservoir	30-Mar-22	8:55 AM	284	8.13	0.07	0.84	0.05	10.5	25.6
Everall St. Sampling Station	4-Apr-22	7:45 AM	261	7.74	0.07	0.78	0.03	11.0	16.0
Mann Park Sample Station	4-Apr-22	7:53 AM	244	7.85	0.06	0.73	0.03	11.2	14.8
Marine Dr Sample Station	4-Apr-22	8:06 AM	247	7.91	0.13	0.61	0.04	10.8	18.4
Russell Ave. Sample Station	4-Apr-22	8:20 AM	251	7.87	0.08	0.73	0.03	11.0	18.9
Roper Reservoir	4-Apr-22	8:45 AM	265	7.96	0.06	0.73	0.03	10.9	16.7

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Roper PRV	4-Apr-22	8:50 AM	265	7.90	0.06	0.69	0.03	10.8	16.9
Roper Ave. Sample Station	4-Apr-22	8:35 AM	264	7.91	0.06	0.63	0.02	11.8	17.2
Oxford St. & Buena Vista STN	5-Apr-22	9:30 AM	249	7.72	0.12	0.63	0.03	12.0	19.6
Museum Sample Station	5-Apr-22	8:45 AM	264	7.83	0.06	0.67	0.03	11.4	16.4
Balsam & Marine Sample STN	5-Apr-22	9:07 AM	265	7.85	0.28	0.62	0.02	11.7	17.2
Stayte Sample Station	5-Apr-22	8:55 AM	260	7.91	0.09	0.53	0.02	11.8	17.9
Finlay St. Sample Station	5-Apr-22	9:20 AM	255	7.92	0.09	0.71	0.03	12.0	18.9
Merklin Low Reservoir	5-Apr-22	8:25 AM	259	7.87	0.14	0.74	0.04	12.8	18.2
Merklin Reservoir (New)	5-Apr-22	8:20 AM	261	7.88	0.06	0.74	0.03	12.6	19.1
Oxford Reservoir	5-Apr-22	8:35 AM	260	7.90	0.07	0.75	0.03	12.1	18.6
Everall St. Sampling Station	11-Apr-22	7:50 AM	288	7.76	0.08	0.84	0.07	10.8	19.1
Malabar Sampling Station	11-Apr-22	8:00 AM	302	7.82	0.08	0.74	0.01	11.4	22.3
Chestnut & N. Bluff Sample STN	11-Apr-22	8:10 AM	301	7.84	0.07	0.66	0.05	12.2	24.4
Russell Ave. Sample Station	11-Apr-22	8:20 AM	288	7.91	0.05	0.83	0.08	10.5	21.4
Roper Reservoir	11-Apr-22	8:30 AM	293	7.93	0.06	0.76	0.10	10.6	21.8
Roper PRV	11-Apr-22	8:40 AM	301	7.93	0.06	0.82	0.06	10.4	27.8
Stevens Sample Station	11-Apr-22	8:50 AM	295	7.90	0.06	0.77	0.10	11.4	28.2
Oxford St. & Buena Vista STN	12-Apr-22	7:40 AM	294	7.77	0.08	0.66	0.06	11.1	19.8
Museum Sample Station	12-Apr-22	7:59 AM	301	7.92	0.05	0.72	0.09	11.3	19.2
Balsam & Marine Sample STN	12-Apr-22	8:10 AM	298	7.93	0.07	0.67	0.08	12.0	19.1
Stayte Sample Station	12-Apr-22	8:20 AM	290	7.97	0.11	0.59	0.06	12.1	18.5
Finlay St. Sample Station	12-Apr-22	8:35 AM	295	7.97	0.08	0.71	0.08	12.3	17.8
Merklin Low Reservoir	12-Apr-22	7:00 AM	302	7.92	0.06	0.77	0.06	10.4	19.3
Merklin Reservoir (New)	12-Apr-22	7:05 AM	303	7.93	0.05	0.77	0.08	10.4	23.2
Oxford Reservoir	12-Apr-22	8:58 AM	287	7.97	0.06	0.82	0.06	10.6	21.6

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Everall St. Sampling Station	19-Apr-22	8:27 AM	294	7.83	0.05	0.81	0.04	10.8	13.3
Mann Park Sample Station	19-Apr-22	8:17 AM	304	7.98	0.05	0.70	0.02	11.0	13.8
Marine Dr Sample Station	19-Apr-22	8:10 AM	302	7.98	0.06	0.63	0.05	10.8	14.8
Russell Ave. Sample Station	19-Apr-22	9:05 AM	297	7.97	0.05	0.82	0.04	10.8	15.1
Roper Reservoir	19-Apr-22	8:40 AM	297	8.03	0.06	0.72	0.03	11.0	15.7
Roper PRV	19-Apr-22	8:43 AM	302	8.00	0.06	0.77	0.01	11.0	15.7
Roper Ave. Sample Station	19-Apr-22	8:56 AM	300	8.01	0.06	0.66	0.02	11.9	16.3
Oxford St. & Buena Vista STN	20-Apr-22	7:38 AM	296	7.91	0.06	0.65	0.05	10.9	19.1
Museum Sample Station	20-Apr-22	7:50 AM	302	7.99	0.05	0.72	0.04	11.0	18.9
Balsam & Marine Sample STN	20-Apr-22	8:05 AM	299	8.00	0.06	0.69	0.02	12.1	18.6
Stayte Sample Station	20-Apr-22	8:18 AM	297	8.02	0.18	0.60	0.02	12.1	18.1
Finlay St. Sample Station	20-Apr-22	8:30 AM	300	8.01	0.07	0.72	0.04	12.2	17.7
Merklin Low Reservoir	20-Apr-22	8:53 AM	299	8.02	0.18	0.80	0.04	10.4	18.2
Merklin Reservoir (New)	20-Apr-22	8:57 AM	300	8.04	0.05	0.77	0.04	10.5	19.2
Oxford Reservoir	20-Apr-22	8:40 AM	297	7.99	0.06	0.84	0.04	10.8	19.1
Everall St. Sampling Station	26-Apr-22	9:03	297	7.80	0.11	0.83	0.02	11.3	18.8
Malabar Sampling Station	26-Apr-22	9:15	300	8.00	0.09	0.76	0.00	12.0	17.1
Chestnut & N. Bluff Sample STN	26-Apr-22	9:26	301	8.02	0.10	0.52	0.02	13.1	17.3
Russell Ave. Sample Station	26-Apr-22	9:40	302	8.01	0.07	0.78	0.02	11.2	17.5
Roper Reservoir	26-Apr-22	10:50	300	8.10	0.08	0.69	0.00	11.3	17.2
Roper PRV	26-Apr-22	11:00	302	8.08	0.11	0.68	0.02	11.3	17.2
Stevens Sample Station	26-Apr-22	10:28	301	8.06	0.09	0.74	0.02	11.7	17.1
Oxford St. & Buena Vista STN	27-Apr-22	9:00	324	7.80	0.09	0.64	0.03	12.5	22.0
Museum Sample Station	27-Apr-22	9:55	310	7.91	0.10	0.66	0.04	12.0	29.2
Balsam & Marine Sample STN	27-Apr-22	9:59	301	7.99	0.10	0.62	0.00	12.7	27.2
Stayte Sample Station	26-Apr-22	10:15	300	8.10	0.09	0.58	0.03	12.7	17.1

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Finlay St. Sample Station	27-Apr-22	10:15	306	8.06	0.07	0.67	0.00	13.1	22.4
Merklin Low Reservoir	27-Apr-22	8:20	304	8.01	0.11	0.74	0.03	10.8	24.7
Merklin Reservoir (New)	27-Apr-22	8:10	306	8.00	0.10	0.64	0.00	11.0	28.0
Oxford Reservoir	27-Apr-22	8:35	301	7.99	0.08	0.73	0.04	10.8	
Everall St. Sampling Station	2-May-22	7:40 AM	301	7.89	0.05	0.80	0.05	11.3	21.6
Mann Park Sample Station	2-May-22	7:50 AM	308	7.93	0.05	0.75	0.05	12.3	25.6
Marine Dr Sample Station	2-May-22	8:05 AM	302	7.99	0.06	0.70	0.08	12.7	26.4
Russell Ave. Sample Station	2-May-22	8:20 AM	293	8.01	0.06	0.84	0.02	11.6	21.4
Roper Reservoir	2-May-22	8:30 AM	307	8.03	0.06	0.77	0.03	11.7	23.4
Roper PRV	2-May-22	8:35 AM	307	8.00	0.06	0.79	0.03	11.7	28.2
Roper Ave. Sample Station	2-May-22	8:45 AM	298	8.00	0.07	0.70	0.03	13.7	28.2
Oxford St. & Buena Vista STN	3-May-22	7:30 AM	299	7.90	0.06	0.66	0.02	13.2	19.8
Museum Sample Station	3-May-22	7:40 AM	307	7.95	0.06	0.74	0.04	12.4	23.8
Balsam & Marine Sample STN	3-May-22	7:50 AM	304	8.00	0.05	0.71	0.03	13.3	25.1
Stayte Sample Station	3-May-22	8:10 AM	294	8.03	0.09	0.61	0.04	13.9	22.0
Finlay St. Sample Station	3-May-22	8:20 AM	307	8.00	0.05	0.74	0.03	14.0	24.2
Merklin Low Reservoir	3-May-22	7:00 AM	309	7.97	0.06	0.76	0.03	10.9	31.0
Merklin Reservoir (New)	3-May-22	7:05 AM	306	7.97	0.05	0.74	0.03	11.4	31.5
Oxford Reservoir	3-May-22	8:40 AM	294	8.01	0.05	0.83	0.01	10.9	24.0
Everall St. Sampling Station	9-May-22	7:55 AM	307	7.87	6.00	0.85	0.02	11.0	19.0
Malabar Sampling Station	9-May-22		-	-	-	-	-	-	-
Chestnut & N. Bluff Sample STN	9-May-22	8:10 AM	326	7.93	0.07	0.62	0.02	14.2	20.9
Russell Ave. Sample Station	9-May-22	8:20 AM	312	7.98	0.07	0.85	0.03	11.3	20.7
Roper Reservoir	9-May-22	8:35 AM	318	7.99	0.06	0.75	0.03	11.7	21.0
Roper PRV	9-May-22	8:40 AM	321	8.01	0.07	0.81	0.03	11.5	22.3

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Sampling Location		Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Stevens Station	Sample	9-May-22	8:55 AM	315	7.97	5.00	0.80	0.02	12.5	23.0
Oxford St. & Buena Vista STN		11-May-22	7:35 AM	310	7.88	0.06	0.72	0.02	13.2	20.9
Museum Station	Sample	11-May-22	7:45 AM	320	7.93	0.06	0.75	0.03	12.3	23.6
Balsam & Marine Sample STN		11-May-22	8:00 AM	318	7.96	0.05	0.71	0.03	13.4	24.3
Stayte Station	Sample	11-May-22	8:15 AM	310	7.98	0.13	0.59	0.02	14.2	22.2
Finlay St. Station	Sample	11-May-22	8:25 AM	316	7.97	0.06	0.78	0.02	13.7	22.3
Merklin Reservoir	Low	11-May-22	7:05 AM	320	7.93	0.05	0.77	0.03	11.1	29.2
Merklin Reservoir (New)		11-May-22	7:15 AM	318	7.95	0.05	0.75	0.03	11.1	30.2
Oxford Reservoir		11-May-22	8:40 AM	307	8.01	0.06	0.82	0.03	11.1	24.2
Everall St. Sampling Station		16-May-22	7:30 AM	303	7.98	0.06	0.85	0.04	11.2	19.2
Mann Park Sample Station		16-May-22	7:40 AM	314	8.06	0.06	0.80	0.02	12.8	21.0
Marine Dr Sample Station		16-May-22	7:50 AM	317	8.11	0.06	0.65	0.02	14.0	22.8
Russell Ave. Sample Station		16-May-22	8:00 AM	303	8.13	0.06	0.86	0.02	11.5	20.4
Roper Reservoir		16-May-22	8:45 AM	316	8.16	0.06	0.76	0.03	12.0	22.5
Roper PRV		16-May-22	8:55 AM	316	8.14	0.06	0.80	0.04	12.0	25.0
Roper Ave. Sample Station		16-May-22	9:05 AM	306	8.14	0.06	0.72	0.02	13.9	23.1
Oxford St. & Buena Vista STN		17-May-22	7:35 AM	306	7.80	0.06	0.72	0.02	13.9	19.6
Museum Station	Sample	17-May-22	7:45 AM	316	7.84	0.05	0.72	0.03	12.4	22.7
Balsam & Marine Sample STN		17-May-22	7:55 AM	309	7.91	0.05	0.62	0.02	13.3	22.5
Stayte Station	Sample	17-May-22	8:10 AM	307	7.97	0.07	0.59	0.00	12.2	20.5
Finlay St. Station	Sample	17-May-22	8:20 AM	314	7.93	0.06	0.72	0.03	13.8	21.7
Merklin Reservoir	Low	17-May-22	7:00 AM	316	7.92	0.07	0.79	0.04	10.9	25.8
Merklin Reservoir (New)		17-May-22	7:05 AM	313	7.94	0.05	0.80	0.02	11.0	26.2
Oxford Reservoir		17-May-22	8:50 AM	303	7.97	0.07	0.84	0.03	11.0	22.1
Everall St. Sampling Station		24-May-22	7:40 AM	298	7.86	0.06	0.82	0.04	11.2	22.0

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Malabar Sampling Station	24-May-22		-	-	-	-	-	-	-
Chestnut & N. Bluff Sample STN	24-May-22	7:55 AM	313	7.90	0.06	0.64	0.03	16.5	23.9
Russell Ave. Sample Station	24-May-22	8:05 AM	302	7.93	0.06	0.81	0.03	11.7	23.7
Roper Reservoir	24-May-22	8:15 AM	303	8.00	0.06	0.79	0.03	12.3	22.6
Roper PRV	24-May-22	8:20 AM	312	7.97	0.06	0.80	0.04	12.2	25.7
Stevens Sample Station	24-May-22	8:35 AM	311	7.97	0.06	0.82	0.03	13.6	25.7
Oxford St. & Buena Vista STN	25-May-22	7:35 AM	306	7.69	0.06	0.69	0.02	14.1	23.4
Museum Sample Station	25-May-22	7:45 AM	313	7.71	0.06	0.75	0.05	12.9	27.3
Balsam & Marine Sample STN	25-May-22	7:55 AM	304	7.77	0.06	0.73	0.03	14.5	25.6
Stayte Sample Station	25-May-22	8:10 AM	302	7.82	0.09	0.58	0.01	16.0	22.2
Finlay St. Sample Station	25-May-22	8:20 AM	310	7.77	0.06	0.75	0.02	14.9	23.8
Merklin Low Reservoir	25-May-22	7:00 AM	315	7.75	0.06	0.82	0.03	11.0	28.0
Merklin Reservoir (New)	25-May-22	7:10 AM	310	7.77	0.07	0.82	0.03	11.2	27.9
Oxford Reservoir	25-May-22	8:40 AM	300	7.80	0.14	0.82	0.03	11.1	24.1
Everall St. Sampling Station	30-May-22	7:45 AM	303	7.74	0.07	0.91	0.03	11.0	21.2
Mann Park Sample Station	30-May-22	7:55 AM	316	7.89	0.07	0.76	0.04	13.5	23.9
Marine Dr Sample Station	30-May-22	8:10 AM	312	7.89	0.07	0.62	0.03	15.7	24.5
Russell Ave. Sample Station	30-May-22	8:25 AM	302	7.91	0.06	0.83	0.02	11.6	21.0
Roper Reservoir	30-May-22	8:35 AM	312	7.94	0.06	0.78	0.03	12.3	22.1
Roper PRV	30-May-22	8:40 AM	314	7.92	0.06	0.83	0.03	12.2	26.8
Roper Ave. Sample Station	30-May-22	9:00 AM	315	7.91	0.06	0.73	0.03	15.3	28.1
Oxford St. & Buena Vista STN	31-May-22	7:30 AM	307	7.82	0.06	0.66	0.03	14.4	24.2
Museum Sample Station	31-May-22	7:45 AM	313	7.88	0.06	0.76	0.03	12.9	26.2
Balsam & Marine Sample STN	31-May-22	8:00 AM	310	7.90	0.06	0.72	0.02	14.1	27.2
Stayte Sample Station	31-May-22	8:15 AM	302	7.92	0.07	0.58	0.02	16.4	24.5

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Finlay St. Sample Station	31-May-22	8:25 AM	308	7.91	0.06	0.75	0.03	15.1	25.7
Merklin Low Reservoir	31-May-22	7:00 AM	315	7.88	0.06	0.80	0.05	11.0	29.1
Merklin Reservoir (New)	31-May-22	7:05 AM	309	7.88	0.06	0.81	0.03	11.1	30.3
Oxford Reservoir	31-May-22	8:50 AM	301	7.92	0.07	0.81	0.03	10.9	24.2
Everall St. Sampling Station	6-Jun-22	7:35 AM	303	7.90	0.06	0.81	0.04	11.1	20.7
Malabar Sampling Station	6-Jun-22	8:00 AM	313	7.97	0.06	0.78	0.04	13.5	23.0
Chestnut & N. Bluff Sample STN	6-Jun-22	8:10 AM	311	8.00	0.06	0.61	0.03	17.1	24.1
Russell Ave. Sample Station	6-Jun-22	8:20 AM	300	8.05	0.06	0.83	0.04	11.9	21.0
Roper Reservoir	6-Jun-22	8:30 AM	314	8.06	0.06	0.78	0.01	12.5	24.1
Roper PRV	6-Jun-22	8:35 AM	311	8.05	0.07	0.80	0.04	12.4	24.8
Stevens Sample Station	6-Jun-22	8:50 AM	307	8.06	0.06	0.79	0.03	13.6	23.9
Oxford St. & Buena Vista STN	7-Jun-22	7:30 AM	307	7.94	0.06	0.68	0.03	14.5	21.7
Museum Sample Station	7-Jun-22	7:45 AM	315	8.02	0.06	0.74	0.03	13.2	24.8
Balsam & Marine Sample STN	7-Jun-22	8:00 AM	312	8.05	0.06	0.73	0.03	14.6	26.5
Stayte Sample Station	7-Jun-22	8:15 AM	302	8.11	0.08	0.55	0.02	16.8	22.9
Finlay St. Sample Station	7-Jun-22	8:25 AM	309	8.09	0.06	0.77	0.03	16.2	23.0
Merklin Low Reservoir	7-Jun-22	7:00 AM	315	8.08	0.06	0.85	0.04	11.2	26.9
Merklin Reservoir (New)	7-Jun-22	7:05 AM	313	8.08	0.06	0.82	0.04	11.2	27.5
Oxford Reservoir	7-Jun-22	7:40 AM	301	8.09	0.34	0.81	0.01	11.1	23.7
Everall St. Sampling Station	13-Jun-22	7:50 AM	300	7.77	0.06	0.81	0.03	11.2	20.8
Mann Park Sample Station	13-Jun-22	8:00 AM	312	7.81	0.06	0.73	0.03	14.5	24.7
Marine Dr Sample STN	13-Jun-22	8:10 AM	315	7.84	0.07	0.55	0.03	16.8	27.2
Russell Ave. Sample Station	13-Jun-22	8:25 AM	295	7.87	0.06	0.80	0.02	11.9	22.0
Roper Reservoir	13-Jun-22	8:35 AM	312	7.89	0.06	0.77	0.03	12.7	23.7
Roper PRV	13-Jun-22	8:40 AM	310	7.88	0.06	0.80	0.03	12.6	25.2

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Roper Ave. Sample Station	13-Jun-22	8:50 AM	312	7.89	0.06	0.73	0.03	16.3	26.0
Oxford St. & Buena Vista STN	14-Jun-22	7:30 AM	307	7.79	0.06	0.68	0.02	14.8	21.3
Museum Sample Station	14-Jun-22	7:45 AM	313	7.83	0.06	0.72	0.02	13.3	26.5
Balsam & Marine Sample STN	14-Jun-22	7:55 AM	308	7.85	0.07	0.72	0.03	15.8	26.6
Stayte Sample Station	14-Jun-22	8:10 AM	300	7.91	0.08	0.57	0.02	17.6	22.4
Finlay St. Sample Station	14-Jun-22	8:20 AM	315	7.87	0.06	0.75	0.02	15.8	23.9
Merklin Low Reservoir	14-Jun-22	7:00 AM	318	7.87	0.06	0.79	0.03	11.2	26.5
Merklin Reservoir (New)	14-Jun-22	7:05 AM	311	7.89	0.06	0.80	0.04	11.1	27.3
Oxford Reservoir	14-Jun-22	8:45 AM	304	7.96	0.06	0.81	0.03	10.8	22.8
Everall St. Sampling Station	20-Jun-22	7:55 AM	317	7.81	0.07	0.84	0.04	11.0	20.7
Malabar Sampling Station	20-Jun-22	8:05 AM	324	7.89	0.06	0.81	0.02	15.3	24.6
Chestnut & N. Bluff Sample STN	20-Jun-22	8:15 AM	320	7.94	0.07	0.47	0.02	18.1	27.0
Russell Ave. Sample Station	20-Jun-22	8:30 AM	310	8.00	0.06	0.81	0.03	12.2	21.8
Roper Reservoir	20-Jun-22	8:40 AM	322	8.00	0.06	0.75	0.03	12.7	21.8
Roper PRV	20-Jun-22	8:45 AM	318	8.00	0.06	0.79	0.03	12.4	25.9
Stevens Sample Station	20-Jun-22	8:55 AM	321	7.97	0.06	0.76	0.04	13.8	27.3
Oxford St. & Buena Vista STN	21-Jun-22	7:20 AM	319	7.98	0.06	0.68	0.03	14.7	22.6
Museum Sample Station	21-Jun-22	7:35 AM	323	8.01	0.06	0.71	0.03	13.3	28.3
Balsam & Marine Sample STN	21-Jun-22	7:45 AM	316	8.04	0.06	0.67	0.03	15.1	28.1
Stayte Sample Station	21-Jun-22	8:00 AM	310	8.08	0.09	0.55	0.02	18.2	24.4
Finlay St. Sample Station	21-Jun-22	8:10 AM	318	8.06	0.06	0.76	0.02	16.0	24.4
Merklin Low Reservoir	21-Jun-22	7:00 AM	321	8.04	0.06	0.78	0.02	11.2	28.4
Merklin Reservoir (New)	21-Jun-22	7:05 AM	320	8.01	0.06	0.78	0.01	11.2	28.9
Oxford Reservoir	21-Jun-22	8:30 AM	308	8.02	0.06	0.83	0.04	11.1	24.9
Everall St. Sampling Station	27-Jun-22	7:50 AM	308	7.83	0.06	0.82	0.03	11.4	22.7

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Mann Park Sample Station	27-Jun-22	8:00 AM	315	7.89	0.06	0.78	0.03	14.3	26.2
Marine Dr Sample STN	27-Jun-22	8:15 AM	316	7.95	0.06	0.64	0.03	18.1	28.2
Russell Ave. Sample Station	27-Jun-22	8:25 AM	304	7.99	0.06	0.82	0.03	12.4	22.9
Roper Reservoir	27-Jun-22	8:35 AM	317	8.01	0.06	0.79	0.03	13.6	26.6
Roper PRV	27-Jun-22	8:40 AM	312	8.00	0.06	0.78	0.01	14.1	27.6
Roper Ave. Sample Station	27-Jun-22	8:55 AM	311	7.99	0.06	0.71	0.04	17.5	27.6
Oxford St. & Buena Vista STN	28-Jun-22	7:30 AM	311	8.00	0.06	0.73	0.03	15.1	23.2
Museum Sample Station	28-Jun-22	7:45 AM	317	8.03	0.06	0.75	0.04	13.9	26.3
Balsam & Marine Sample STN	28-Jun-22	7:55 AM	316	8.03	0.06	0.70	0.02	15.9	28.1
Stayte Sample Station	28-Jun-22	8:10 AM	309	8.03	0.08	0.60	0.05	19.6	25.5
Finlay St. Sample Station	28-Jun-22	8:20 AM	315	8.02	0.06	0.78	0.02	16.2	26.0
Merklin Low Reservoir	28-Jun-22	7:05 AM	321	8.01	0.06	0.69	0.04	11.6	30.1
Merklin Reservoir (New)	28-Jun-22	7:15 AM	318	8.01	0.06	0.74	0.03	11.5	30.6
Oxford Reservoir	28-Jun-22	8:40 AM	309	8.03	0.06	0.83	0.03	11.3	25.7
Everall St. Sampling Station	4-Jul-22	8:35 AM	325	7.90	0.11	0.81	0.03	11.3	20.2
Malabar Sampling Station	4-Jul-22	8:25 AM	318	8.16	0.11	0.75	0.06	14.3	20.1
Chestnut & N. Bluff Sample STN	4-Jul-22	8:10 AM	317	8.09	0.09	0.30	0.05	20.0	20.2
Russell Ave. Sample Station	4-Jul-22	8:45 AM	322	8.05	0.09	0.75	0.04	13.3	22.7
Roper Reservoir	4-Jul-22	9:16 AM	321	8.08	0.11	0.70	0.07	12.4	24.0
Roper PRV	4-Jul-22	9:14 AM	317	8.07	0.15	0.79	0.09	12.8	23.8
Stevens Sample Station	4-Jul-22	8:52 AM	312	8.07	0.02	0.70	0.04	14.6	21.7
Oxford St. & Buena Vista STN	5-Jul-22	7:30 AM	317	7.88	0.10	0.66	0.01	15.4	29.7
Museum Sample Station	5-Jul-22	8:05 AM	307	8.00	0.11	0.72	0.04	13.8	25.0
Balsam & Marine Sample STN	5-Jul-22	8:32 AM	316	8.05	0.09	0.66	0.04	15.6	24.2
Stayte Sample Station	5-Jul-22	8:20 AM	317	8.09	0.12	0.48	0.02	20.2	26.5

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Finlay St. Sample Station	5-Jul-22	8:47 AM	315	8.07	0.11	0.76	0.03	16.2	24.2
Merklin Low Reservoir	5-Jul-22	7:00 AM	320	8.31	0.06	0.68	0.01	11.7	22.8
Merklin Reservoir (New)	5-Jul-22	7:05 AM	315	8.13	0.07	0.71	0.02	11.5	23.3
Oxford Reservoir	5-Jul-22	9:00 AM	320	8.11	0.05	0.77	0.04	11.6	23.2
Everall St. Sampling Station	11-Jul-22	7:55 AM	327	7.82	0.07	0.72	0.02	11.4	30.1
Mann Park Sample Station	11-Jul-22	8:07 AM	323	7.86	0.07	0.72	0.02	14.0	32.2
Marine Dr Sample Station	11-Jul-22	8:25 AM	320	7.86	0.07	0.68	0.01	18.8	33.1
Russell Ave. Sample Station	11-Jul-22	8:36 AM	329	7.82	0.07	0.71	0.02	12.3	38.0
Roper Reservoir	11-Jul-22	8:56 AM	306	7.88	0.06	0.68	0.03	13.1	31.1
Roper PRV	11-Jul-22	8:58 AM	315	7.90	0.08	0.76	0.02	12.5	28.9
Roper Ave. Sample Station	11-Jul-22	8:36 AM	322	7.89	0.07	0.63	0.02	17.9	39.2
Oxford St. & Buena Vista STN	12-Jul-22	8:00 AM	312	7.90	0.11	0.72	0.06	15.3	19.9
Museum Sample Station	12-Jul-22	8:40 AM	311	7.81	0.10	0.67	0.02	15.6	20.3
Balsam & Marine Sample STN	12-Jul-22	9:25 AM	312	7.95	0.12	0.63	0.03	-	20.1
Stayte Sample Station	12-Jul-22	9:13 AM	313	7.99	0.11	0.53	0.05	19.6	20.6
Finlay St. Sample Station	12-Jul-22	10:34 AM	313	8.00	0.08	0.76	0.04	-	20.5
Merklin Low Reservoir	12-Jul-22	7:00 AM	313	7.80	0.09	0.81	0.02	11.8	20.1
Merklin Reservoir (New)	12-Jul-22	7:05 AM	311	8.00	0.07	0.79	0.05	11.6	20.0
Oxford Reservoir	12-Jul-22	10:22 AM	315	7.97	0.13	0.81	0.03	12.0	20.3
Everall St. Sampling Station	18-Jul-22	8:10 AM	320	7.70	0.07	0.83	0.03	11.3	20.9
Malabar Sampling Station	18-Jul-22	7:50 AM	320	7.90	0.06	0.79	0.02	13.5	24.0
Chestnut & N. Bluff Sample STN	18-Jul-22	8:00 AM	323	7.93	0.07	0.50	0.02	20.1	26.1
Russell Ave. Sample Station	18-Jul-22	8:20 AM	310	7.98	0.06	0.84	0.03	12.3	22.4
Roper Reservoir	18-Jul-22	8:30 AM	317	8.00	0.06	0.78	0.02	12.8	24.3
Roper PRV	18-Jul-22	8:35 AM	320	7.97	0.09	0.76	0.05	12.6	27.0

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Sampling Location		Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Stevens Station	Sample	18-Jul-22	8:45 AM	307	8.02	0.08	0.76	0.03	14.2	24.3
Oxford St. & Buena Vista STN		19-Jul-22	7:20 AM	312	7.98	0.06	0.71	0.02	15.1	22.5
Museum Station	Sample	19-Jul-22	7:40 AM	319	8.00	0.07	0.73	0.03	13.5	25.3
Balsam & Marine Sample STN		19-Jul-22	7:50 AM	321	8.04	0.09	0.72	0.02	15.2	28.1
Stayte Station	Sample	19-Jul-22	8:10 AM	307	8.04	0.09	0.52	0.02	19.9	25.2
Finlay St. Station	Sample	19-Jul-22	8:20 AM	314	8.05	0.07	0.78	0.03	16.2	25.2
Merklin Reservoir	Low	19-Jul-22	7:00 AM	322	8.02	0.06	0.78	0.03	11.1	28.4
Merklin Reservoir (New)		19-Jul-22	7:05 AM	317	8.02	0.08	0.79	0.06	11.1	29.0
Oxford Reservoir		19-Jul-22	8:40 AM	312	8.04	0.07	0.85	0.03	10.7	25.1
Everall St. Sampling Station		25-Jul-22	7:40 AM	315	7.83	0.14	0.82	0.04	10.9	24.1
Mann Park Station	Sample	25-Jul-22	7:55 AM	317	7.92	0.08	0.79	0.02	13.9	26.8
Marine Dr Station	Sample	25-Jul-22	8:10 AM	314	7.94	0.09	0.66	0.03	19.1	26.7
Russell Ave. Station	Sample	25-Jul-22	8:25 AM	307	7.97	0.09	0.82	0.03	12.1	24.6
Roper Reservoir		25-Jul-22	8:40 AM	312	7.97	0.07	0.77	0.02	12.6	26.2
Roper PRV		25-Jul-22	8:45 AM	316	7.96	0.07	0.76	0.03	12.7	29.6
Roper Ave. Station	Sample	25-Jul-22	9:00 AM	308	7.99	0.07	0.72	0.03	17.9	28.0
Oxford St. & Buena Vista STN		26-Jul-22	7:30 AM	304	7.76	0.05	0.74	0.02	14.9	23.2
Museum Station	Sample	26-Jul-22	7:50 AM	314	7.82	0.08	0.77	0.03	13.7	24.8
Balsam & Marine Sample STN		26-Jul-22	8:05 AM	307	7.87	0.09	0.74	0.04	15.7	25.4
Stayte Station	Sample	26-Jul-22	8:20 AM	310	7.88	0.14	0.52	0.03	20.8	24.9
Finlay St. Station	Sample	26-Jul-22	8:35 AM	303	7.90	0.05	0.81	0.03	15.9	23.9
Merklin Reservoir	Low	26-Jul-22	7:00 AM	317	7.87	0.07	0.76	0.03	11.2	24.5
Merklin Reservoir (New)		26-Jul-22	7:05 AM	314	7.88	0.07	0.79	0.04	11.2	26.4
Oxford Reservoir		26-Jul-22	9:00 AM	306	7.93	0.10	0.85	0.03	10.7	24.3
Everall St. Sampling Station		2-Aug-22	7:40 AM	309	7.85	0.11	0.77	0.04	11.0	22.4

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Malabar Sampling Station	2-Aug-22	7:55 AM	312	7.86	0.08	0.72	0.03	17.0	24.7
Chestnut & N. Bluff Station	2-Aug-22	8:05 AM	312	7.87	0.08	0.59	0.01	21.9	26.5
Russell Ave. Sample Station	2-Aug-22	8:20 AM	305	7.93	0.08	0.79	0.02	12.2	24.8
Roper Reservoir	2-Aug-22	8:30 AM	313	7.93	0.08	0.74	0.02	13.4	24.5
Roper PRV	2-Aug-22	8:35 AM	317	7.96	0.09	0.80	0.02	12.7	26.4
Stevens Sample Station	2-Aug-22	8:50 AM	304	7.89	0.07	0.75	0.02	14.9	26.8
Oxford St. & Buena Vista STN	3-Aug-22	7:20	311	8.02	0.07	0.72	0.03	15.6	22.1
Museum Station	3-Aug-22	7:30	315	8.04	0.07	0.73	0.02	13.8	23.5
Stayte Sampling Station	3-Aug-22	7:45	312	8.08	0.07	0.72	0.03	15.5	24.7
Balsam & Marine	3-Aug-22	8:05	308	8.06	0.08	0.60	0.02	21.7	24.7
Finlay St. Sampling Station	3-Aug-22	8:15	306	8.07	0.07	0.75	0.02	16.8	23.9
Merklin Low Reservoir	3-Aug-22	7:00	317	8.06	0.07	0.76	0.02	11.2	25.2
Merklin Reservoir (New)	3-Aug-22	7:05	312	8.07	0.07	0.78	0.03	11.3	26.4
Oxford Reservoir	3-Aug-22	8:35	304	8.08	0.07	0.82	0.02	10.9	24.2
Everall St. Sampling Station	8-Aug-22	7:35 AM	304	7.91	0.07	0.83	0.03	10.2	21.7
Mann Park Sample Station	8-Aug-22	7:45 AM	314	7.95	0.06	0.81	0.03	13.1	22.0
Marine Dr Sample Station	8-Aug-22	8:00 AM	316	7.98	0.07	0.63	0.02	19.7	24.2
Russell Ave. Sample Station	8-Aug-22	8:15 AM	301	8.01	0.07	0.83	0.02	11.9	23.8
Roper Reservoir	8-Aug-22	8:25 AM	312	8.04	0.07	0.78	0.03	12.4	22.9
Roper PRV	8-Aug-22	8:30 AM	313	8.04	0.06	0.81	0.02	11.8	24.2
Roper Ave. Sample Station	8-Aug-22	8:45 AM	312	8.05	0.07	0.74	0.03	18.0	25.3
Oxford St. & Buena Vista STN	9-Aug-22	7:15	307	8.02	0.07	0.75	0.00	14.8	22.5
Museum Station	9-Aug-22	7:25	314	8.03	0.07	0.73	0.02	13.0	24.8
Stayte Sampling Station	9-Aug-22	7:40	311	8.04	0.07	0.74	0.00	15.1	26.2
Balsam & Marine	9-Aug-22	7:55	305	8.07	0.14	0.55	0.01	21.2	25.7
Finlay St. Sampling Station	9-Aug-22	8:10	307	8.08	0.07	0.79	0.04	16.0	24.8
Merklin Low Reservoir	9-Aug-22	7:00	314	8.05	0.07	0.75	0.05	10.5	26.1

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested	
Merklin Reservoir (New)	9-Aug-22	7:05	309	8.04	0.07	0.78	0.04	10.4	27.0	
Oxford Reservoir	9-Aug-22	8:40	305	8.06	0.07	0.90	0.02	10.1	25.2	
Everall St. Sampling Station	15-Aug-22	7:25 AM	316	7.76	0.07	0.81	0.04	10.3	22.4	
Malabar Sampling Station	15-Aug-22	7:40 AM	316	7.99	0.06	0.79	0.04	16.3	25.0	
Chestnut & N. Bluff Station	15-Aug-22	7:55 AM	312	8.00	0.07	0.56	0.03	21.9	26.2	
Russell Ave. Sample Station	15-Aug-22	8:10 AM	305	8.01	0.07	0.84	0.00	11.3	24.5	
Roper Reservoir	15-Aug-22	8:20 AM	314	8.05	0.06	0.75	0.03	12.4	24.2	
Roper PRV	15-Aug-22	8:25 AM	314	8.04	0.07	0.80	0.02	11.5	26.1	
Stevens Sample Station	15-Aug-22	8:40 AM	306	8.03	0.06	0.76	0.02	12.7	26.5	
Oxford St. & Buena Vista STN	16-Aug-22	7:15 AM	311	7.79	0.08	0.74	0.02	15.0	22.6	
Museum Station	16-Aug-22	7:25 AM	314	7.80	0.07	0.73	0.02	13.2	25.0	
Stayte Sampling Station	16-Aug-22	7:40 AM	312	7.83	0.06	0.72	0.02	15.0	26.3	
Balsam & Marine	16-Aug-22	7:55 AM	303	7.89	0.12	0.53	0.01	21.0	25.7	
Finlay St. Sampling Station	16-Aug-22	8:10 AM	309	7.87	0.06	0.79	0.02	15.8	24.5	
Merklin Low Reservoir	16-Aug-22	7:00 AM	316	7.85	0.07	0.76	0.01	10.9	25.7	
Merklin Reservoir (New)	16-Aug-22	7:05 AM	312	7.86	0.07	0.77	0.04	10.5	27.4	
Oxford Reservoir	16-Aug-22	8:35 AM	307	7.89	0.07	0.85	0.03	10.2	25.9	
Everall St. Sampling Station	22-Aug-22	7:25 AM	312	7.80	0.07	0.83	0.02	10.2	22.0	
Mann Park Sample Station	22-Aug-22	7:40 AM	314	7.82	0.07	0.81	0.03	14.2	23.9	
Marine Dr Sample Station	22-Aug-22	7:55 AM	313	7.86	0.07	0.70	0.01	19.3	25.6	
Russell Ave. Sample Station	22-Aug-22	8:10 AM	306	7.89	0.07	0.86	0.04	11.6	24.0	
Roper Reservoir	22-Aug-22	8:20 AM	313	7.91	0.06	0.77	0.03	12.2	24.4	
Roper PRV	22-Aug-22	8:25 AM	311	7.88	0.06	0.80	0.03	11.7	25.5	
Roper Ave. Sample Station	22-Aug-22	8:40 AM	313	7.91	0.06	0.72	0.04	18.4	26.7	
Oxford St. & Buena Vista STN	23-Aug-22	7:15 AM	309	8.00	0.07	0.76	0.02	14.9	22.1	

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Museum Station	23-Aug-22	7:30 AM	314	8.02	0.07	0.77	0.02	13.2	23.4
Stayte Sampling Station	23-Aug-22	7:45 AM	309	8.02	0.07	0.74	0.01	15.2	24.6
Balsam & Marine	23-Aug-22	8:00 AM	307	8.03	0.11	0.57	0.04	21.6	24.4
Finlay St. Sampling Station	23-Aug-22	8:15 AM	308	8.02	0.07	0.80	0.03	15.8	24.0
Merklin Low Reservoir	23-Aug-22	7:00 AM	315	8.02	0.06	0.77	0.02	11.2	25.1
Merklin Reservoir (New)	23-Aug-22	7:05 AM	309	8.02	0.07	0.80	0.03	10.5	26.1
Oxford Reservoir	23-Aug-22	8:35 AM	304	8.02	0.07	0.88	0.04	10.0	24.2
Everall St. Sampling Station	29-Aug-22	7:25 AM	309	7.87	0.07	0.82	0.04	10.2	21.5
Malabar Sampling Station	29-Aug-22	7:40 AM	317	7.90	0.07	0.77	0.01	16.2	24.0
Chestnut & N. Bluff Station	29-Aug-22	7:55 AM	313	7.90	0.07	0.61	0.03	20.9	25.7
Russell Ave. Sample Station	29-Aug-22	8:10 AM	303	7.93	0.07	0.81	0.04	12.2	24.3
Roper Reservoir	29-Aug-22	8:20 AM	313	7.97	0.07	0.71	0.03	12.2	24.0
Roper PRV	29-Aug-22	8:25 AM	310	7.96	0.07	0.78	0.04	12.4	25.3
Stevens Sample Station	29-Aug-22	8:40 AM	308	7.94	0.06	0.75	0.00	13.4	25.4
Oxford St. & Buena Vista STN	30-Aug-22	7:15 AM	306	7.87	0.07	0.73	0.03	14.5	21.9
Museum Station	30-Aug-22	7:30 AM	315	7.94	0.07	0.74	0.03	12.9	23.7
Stayte Sampling Station	30-Aug-22	7:45 AM	314	7.94	0.06	0.72	0.03	14.9	27.1
Balsam & Marine	30-Aug-22	8:00 AM	300	7.95	0.10	0.61	0.02	21.2	26.2
Finlay St. Sampling Station	30-Aug-22	8:15 AM	311	7.96	0.07	0.79	0.03	15.9	25.0
Merklin Low Reservoir	30-Aug-22	7:00 AM	316	7.96	0.06	0.76	0.04	11.3	26.2
Merklin Reservoir (New)	30-Aug-22	7:05 AM	312	7.94	0.07	0.77	0.03	10.3	27.3
Oxford Reservoir	30-Aug-22	8:45 AM	305	7.92	0.08	0.87	0.03	10.0	25.5
Everall St. Sampling Station	6-Sep-22	7:35 AM	311	7.88	0.07	0.83	0.06	10.2	21.3
Mann Park Sample Station	6-Sep-22	7:50 AM	314	7.96	0.07	0.78	0.03	13.9	22.2
Marine Dr Sample Station	6-Sep-22	8:05 AM	314	8.04	0.07	0.62	0.03	19.0	24.1

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Russell Ave. Sample Station	6-Sep-22	8:20 AM	308	8.05	0.07	0.83	0.03	10.9	23.0
Roper Reservoir	6-Sep-22	8:30 AM	314	8.10	0.07	0.78	0.02	11.9	22.5
Roper PRV	6-Sep-22	8:35 AM	317	8.09	0.07	0.78	0.03	11.6	24.2
Roper Ave. Sample Station	6-Sep-22	8:45 AM	314	8.08	0.06	0.70	0.03	18.0	25.7
Oxford St. & Buena Vista STN	7-Sep-22	7:20 AM	312	8.00	0.07	0.73	0.04	14.3	21.2
Museum Station	7-Sep-22	7:35 AM	316	8.04	0.07	0.75	0.05	12.7	23.0
Balsam & Marine	7-Sep-22	7:45 AM	316	8.12	0.07	0.72	0.04	14.2	25.5
Stayte Sampling Station	7-Sep-22	8:00 AM	304	8.10	0.11	0.59	0.03	20.6	25.2
Finlay St. Sampling Station	7-Sep-22	8:20 AM	309	8.10	0.07	0.76	0.03	15.9	24.2
Merklin Low Reservoir	7-Sep-22	7:00 AM	317	8.11	0.07	0.77	0.05	10.7	26.0
Merklin Reservoir (New)	7-Sep-22	7:05 AM	309	8.09	0.07	0.77	0.05	10.7	26.7
Oxford Reservoir	7-Sep-22	8:40 AM	306	8.07	0.07	0.85	0.04	9.9	24.7
Everall St. Sampling Station	12-Sep-22	7:30 AM	328	8.03	0.08	0.79	0.05	10.00	22.1
Malabar Sampling Station	12-Sep-22	7:45 AM	325	8.23	0.07	0.76	0.06	15.8	24.7
Chestnut & N. Bluff Sample STN	12-Sep-22	8:00 AM	325	8.13	0.07	0.53	0.03	20.3	26.3
Russell Ave. Sample Station	12-Sep-22	8:10 AM	317	8.26	0.06	0.80	0.02	11.3	24.8
Roper Reservoir	12-Sep-22	8:20 AM	317	8.40	0.07	0.77	0.03	11.8	23.4
Roper PRV	12-Sep-22	8:25 AM	322	8.36	0.07	0.80	0.03	11.9	25.2
Stevens Sample Station	12-Sep-22	8:40 AM	320	8.34	0.06	0.76	0.03	12.8	26.2
Oxford St. & Buena Vista STN	13-Sep-22	7:25 AM	320	7.90	0.07	0.73	0.02	14.3	21.4
Museum Station	12-Sep-22	7:20 AM	317	8.35	0.07	0.73	0.04	12.5	26.3
Balsam & Marine	13-Sep-22	7:40 AM	323	7.90	0.07	0.73	0.06	14.4	23.4
Stayte Sampling Station	13-Sep-22	8:00 AM	319	7.98	0.08	0.59	0.04	20.2	24.5
Finlay St. Sampling Station	13-Sep-22	8:10 AM	311	7.73	0.07	0.76	0.05	15.8	23.5
Merklin Low Reservoir	13-Sep-22	7:00 AM	324	7.97	0.07	0.79	0.03	11.2	24.2

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Merklin Reservoir (New)	13-Sep-22	7:05 AM	323	7.99	0.07	0.80	0.04	10.4	25.8
Oxford Reservoir	13-Sep-22	8:30 AM	322	7.99	0.07	0.83	0.05	10.0	25.3
Everall St. Sampling Station	21-Sep-22	7:35 AM	300	7.96	0.07	0.78	0.03	10.1	20.3
Mann Park Sample Station	21-Sep-22	7:45 AM	308	7.98	0.06	0.77	0.04	13.1	21.1
Marine Dr Sample Station	21-Sep-22	8:00 AM	313	7.98	0.08	0.66	0.06	17.7	22.5
Russell Ave. Sample Station	21-Sep-22	8:15 AM	300	8.00	0.07	0.83	0.05	11.1	22.1
Roper Reservoir	21-Sep-22	8:25 AM	311	8.01	0.06	0.79	0.04	11.5	21.6
Roper PRV	21-Sep-22	8:30 AM	312	8.00	0.07	0.85	0.06	11.4	22.7
Roper Ave. Sample Station	21-Sep-22	8:55 AM	314	7.99	0.06	0.76	0.05	16.5	24.8
Oxford St. & Buena Vista STN	20-Sep-22	7:15 AM	318	7.83	0.08	0.72	0.04	13.9	23.2
Museum Station	20-Sep-22	7:30 AM	319	7.86	0.06	0.73	0.07	12.1	24.9
Balsam & Marine	20-Sep-22	7:45 AM	315	7.88	0.07	0.72	0.03	13.7	26.0
Stayte Sampling Station	20-Sep-22	8:00 AM	309	7.90	0.11	0.51	0.04	18.9	25.3
Finlay St. Sampling Station	20-Sep-22	8:10 AM	315	7.85	0.06	0.77	0.04	14.9	24.6
Merklin Low Reservoir	20-Sep-22	7:00 AM	322	7.89	0.07	0.81	0.06	10.9	26.6
Merklin Reservoir (New)	20-Sep-22	7:05 AM	312	7.87	0.07	0.83	0.04	10.6	27.3
Oxford Reservoir	20-Sep-22	8:30 AM	313	7.83	0.07	0.83	0.04	9.9	25.1
Everall St. Sampling Station	26-Sep-22	7:30 AM	304	8.12	0.07	0.77	0.07	10.1	20.8
Malabar Sampling Station	26-Sep-22	7:40 AM	315	8.17	0.07	0.71	0.05	15.8	20.8
Chestnut & N. Bluff Sample STN	26-Sep-22	7:55 AM	315	8.21	0.07	0.46	0.04	19.7	22.5
Russell Ave. Sample Station	26-Sep-22	8:10 AM	302	8.22	0.07	0.76	0.05	10.6	21.6
Roper Reservoir	26-Sep-22	8:20 AM	314	8.26	0.07	0.76	0.07	11.6	20.8
Roper PRV	26-Sep-22	8:25 AM	313	8.25	0.07	0.77	0.05	11.9	21.8
Stevens Sample Station	26-Sep-22	8:40 AM	311	8.25	0.07	0.79	0.08	12.6	22.3
Oxford St. & Buena Vista STN	27-Sep-22	7:20 AM	307	8.15	0.07	0.73	0.02	13.7	21.2

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Museum Station	27-Sep-22	7:30 AM	316	8.19	0.08	0.74	0.06	12.2	22.3
Balsam & Marine	27-Sep-22	7:45 AM	314	8.19	0.06	0.72	0.06	13.9	23.9
Stayte Sampling Station	27-Sep-22	8:00 AM	306	8.22	0.10	0.56	0.00	18.5	23.6
Finlay St. Sampling Station	27-Sep-22	8:15 AM	313	8.22	0.07	0.74	0.03	15.1	22.9
Merklin Low Reservoir	27-Sep-22	7:00 AM	318	8.21	0.07	0.81	0.02	10.5	24.5
Merklin Reservoir (New)	27-Sep-22	7:05 AM	311	8.21	0.07	0.77	0.04	10.3	25.4
Oxford Reservoir	27-Sep-22	8:30 AM	305	8.22	0.07	0.78	0.02	9.9	23.5
Everall St. Sample Station	3-Oct-22	8:46 AM	303	8.02	0.11	0.79	0.04	10.1	26.4
Mann Park Sample Station	3-Oct-22	9:00 AM	305	8.00	0.12	0.80	0.07	12.7	29.1
Marine Dr Sample Station	3-Oct-22	9:10 AM	295	8.01	0.11	0.58	0.03	17.2	26.1
Russell Ave. Sample Station	3-Oct-22	9:20 AM	298	7.99	0.07	0.82	0.05	10.6	24.0
Roper Reservoir	3-Oct-22	10:10 AM	298	8.02	0.11	0.81	0.02	11.9	22.9
Roper PRV	3-Oct-22	10:05 AM	300	7.98	0.09	0.88	0.03	11.1	23.1
Roper Ave. Sample Station	3-Oct-22	9:59 AM	306	7.92	0.09	0.80	0.04	16.3	27.9
Oxford St. & Buena Vista STN	4-Oct-22	9:05 AM	258	7.92	0.08	0.77	0.05	13.6	19.8
Museum Sample Station	4-Oct-22	8:10 AM	270	7.96	0.10	0.82	0.06	12.1	20.7
Balsam & Marine Sample STN	4-Oct-22	8:20 AM	263	7.97	0.06	0.80	0.05	13.6	19.7
Stayte Sample Station	4-Oct-22	8:45 AM	260	7.96	0.06	0.69	0.06	17.5	22.4
Finlay St. Sample Station	4-Oct-22	8:55 AM	263	7.96	0.12	0.85	0.06	14.6	21.4
Merklin Low Reservoir	4-Oct-22	7:00 AM	267	7.90	0.05	0.88	0.01	10.8	22.0
Merklin Reservoir (New)	4-Oct-22	7:05 AM	265	7.96	0.05	0.90	0.05	10.6	22.5
Oxford Reservoir	4-Oct-22	9:15 AM	270	7.91	0.05	0.89	0.02	10.0	20.3
Everall St. Sample Station	11-Oct-22	7:40 AM	302	7.98	0.08	0.77	0.01	10.1	18.3
Malabar Sample Station	11-Oct-22	8:00 AM	309	8.01	0.08	0.76	0.02	12.2	20.9
Chestnut & N. Bluff Sample STN	11-Oct-22	8:15 AM	306	8.02	0.07	0.49	0.04	18.4	23.3

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Russell Ave. Sample Station	11-Oct-22	8:30 AM	294	8.09	0.07	0.79	0.02	10.4	20.7
Roper Reservoir	11-Oct-22	7:20 AM	312	8.12	0.08	0.75	0.03	11.6	20.8
Roper PRV	11-Oct-22	7:25 AM	304	8.12	0.08	0.78	0.01	11.5	22.0
Stevens Sample Station	11-Oct-22	8:45 AM	311	8.12	0.08	0.76	0.01	12.2	22.4
Oxford St. & Buena Vista STN	12-Oct-22	8:00 AM	309	7.96	0.09	0.69	0.09	13.1	27.1
Museum Sample Station	12-Oct-22	8:35 AM	311	8.10	0.09	0.61	0.03	11.7	30.2
Balsam & Marine Sample STN	12-Oct-22	9:15 AM	305	8.09	0.10	0.58	0.01	13.6	30.3
Stayte Sample Station	12-Oct-22	9:05 AM	313	8.11	0.15	0.41	0.00	16.8	33.2
Finlay St. Sample Station	12-Oct-22	9:25 AM	296	8.07	0.08	0.73	0.00	14.7	28.7
Merklin Low Reservoir	12-Oct-22	7:00 AM	313	7.87	0.08	0.69	0.06	10.6	24.2
Merklin Reservoir (New)	12-Oct-22	7:05 AM	304	8.00	0.07	0.75	0.04	10.4	26.7
Oxford Reservoir	12-Oct-22	10:08 AM	300	8.08	0.09	0.78	0.08	10.1	23.9
Everall St. Sample Station	17-Oct-22	7:25 AM	303	7.80	0.07	0.81	0.03	9.9	20.6
Mann Park Sample Station	17-Oct-22	7:35 AM	313	7.82	0.07	0.80	0.03	12.8	22.3
Marine Dr Sample Station	17-Oct-22	7:50 AM	310	7.90	0.07	0.63	0.02	15.5	24.0
Russell Ave. Sample Station	17-Oct-22	8:05 AM	296	7.92	0.07	0.81	0.02	10.5	23.6
Roper Reservoir	17-Oct-22	8:15 AM	312	7.95	0.07	0.76	0.03	11.2	23.4
Roper PRV	17-Oct-22	8:20 AM	311	7.94	0.07	0.80	0.03	10.8	25.2
Roper Ave. Sample Station	17-Oct-22	8:50 AM	306	7.95	0.07	0.69	0.03	14.7	25.6
Oxford St. & Buena Vista STN	18-Oct-22	8:44 AM	313	7.87	0.10	0.74	0.02	12.7	31.6
Museum Sample Station	18-Oct-22	8:54 AM	314	7.95	0.08	0.77	0.03	11.7	33.4
Balsam & Marine Sample STN	18-Oct-22	9:17 AM	295	7.96	0.19	0.76	0.08	12.8	27.2
Stayte Sample Station	18-Oct-22	9:30 AM	311	7.94	0.09	0.58	0.03	14.8	27.4
Finlay St. Sample Station	18-Oct-22	9:10 AM	304	7.97	0.09	0.75	0.05	13.7	27.6
Merklin Low Reservoir	18-Oct-22	8:22 AM	298	7.95	0.08	0.82	0.06	10.7	24.7

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested	
Merklin Reservoir (New)	18-Oct-22	8:15 AM	304	7.96	0.10	0.72	0.03	10.5	23.9	
Oxford Reservoir	18-Oct-22	8:33 AM	305	7.97	0.08	0.72	0.05	12.4	24.0	
Everall St. Sample Station	24-Oct-22	7:40 AM	301	8.04	0.10	0.77	0.03	9.9	17.5	
Malabar Sample Station	24-Oct-22	7:50 AM	308	8.20	0.09	0.72	0.02	12.0	19.7	
Chestnut & N. Bluff Sample STN	24-Oct-22	8:05 AM	308	8.18	0.10	0.45	0.02	16.7	21.3	
Russell Ave. Sample Station	24-Oct-22	8:20 AM	295	8.22	0.12	0.79	0.02	10.4	19.4	
Roper Reservoir	24-Oct-22	8:35 AM	308	7.97	0.10	0.74	0.01	10.7	19.1	
Roper PRV	24-Oct-22	8:40 AM	310	7.99	0.09	0.75	0.01	10.4	21.8	
Stevens Sample Station	24-Oct-22	8:55 AM	305	8.27	0.07	0.74	0.02	11.9	22.6	
Oxford St. & Buena Vista STN	25-Oct-22	7:20 AM	306	8.24	0.06	0.67	0.02	12.3	18.1	
Museum Sample Station	25-Oct-22	7:40 AM	308	8.30	0.12	0.71	0.02	11.1	21.2	
Balsam & Marine Sample STN	25-Oct-22	7:55 AM	307	8.34	0.13	0.69	0.03	12.6	22.7	
Stayte Sample Station	25-Oct-22	8:10 AM	296	8.35	0.13	0.53	0.02	15.3	21.3	
Finlay St. Sample Station	25-Oct-22	8:25 AM	303	8.41	0.12	0.76	0.05	13.7	19.8	
Merklin Low Reservoir	25-Oct-22	7:00 AM	309	8.37	0.11	0.75	0.05	10.3	21.3	
Merklin Reservoir (New)	25-Oct-22	7:05 AM	308	8.37	0.11	0.74	0.03	10.4	23.5	
Oxford Reservoir	25-Oct-22	8:45 AM	301	8.38	0.11	0.83	0.02	9.8	20.1	
Everall St. Sampling Station	1-Nov-22	7:55 AM	308	7.86	0.12	0.81	0.03	9.9	16.7	
Mann Park Sample Station	1-Nov-22	7:30 AM	308	8.05	0.09	0.75	0.02	12.0	19.3	
Marine Dr Sample Station	1-Nov-22	7:40 AM	305	8.10	0.15	0.66	0.02	13.5	20.9	
Russell Ave. Sample Station	1-Nov-22	8:00 AM	292	8.13	0.09	0.80	0.04	10.1	19.6	
Roper Reservoir	1-Nov-22	8:30 AM	307	8.13	0.07	0.77	0.02	10.2	19.5	
Roper PRV	1-Nov-22	8:40 AM	306	8.12	0.07	0.81	0.03	10.2	21.4	
Roper Ave. Sample Station	1-Nov-22	8:15 AM	304	7.80	0.09	0.73	0.04	13.1	22.0	
Oxford St. & Buena Vista STN	2-Nov-22	7:20 AM	307	7.77	0.07	0.73	0.02	11.4	16.2	

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Sampling Location		Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Museum Station	Sample	2-Nov-22	7:40 AM	306	8.05	0.08	0.76	0.02	10.8	18.9
Balsam & Marine Sample STN		2-Nov-22	7:50 AM	303	8.21	0.08	0.74	0.00	11.8	19.9
Stayte Station	Sample	2-Nov-22	8:05 AM	297	8.36	0.11	0.49	0.01	13.3	19.1
Finlay St. Station	Sample	2-Nov-22	8:15 AM	304	8.29	0.09	0.79	0.01	12.5	18.8
Merklin Reservoir	Low	2-Nov-22	7:00 AM	306	8.28	0.08	0.83	0.02	10.2	20.8
Merklin Reservoir (New)		2-Nov-22	7:05 AM	303	7.92	0.08	0.79	0.02	10.4	21.8
Oxford Reservoir		2-Nov-22	8:35 AM	294	8.28	0.08	0.84	0.00	9.6	20.2
Everall St. Station	Sample	8-Nov-22	7:50 AM	334	7.69	0.08	0.75	0.02	9.8	17.1
Malabar Station	Sample	8-Nov-22	8:00 AM	327	7.88	0.08	0.71	0.01	10.3	18.4
Chestnut & N. Bluff Sample STN		8-Nov-22	8:10 AM	325	8.03	0.10	0.29	0.03	12.2	19.9
Russell Ave. Station	Sample	8-Nov-22	8:25 AM	322	8.00	0.07	0.75	0.03	9.4	19.4
Roper Reservoir		8-Nov-22	8:35 AM	329	8.06	0.08	0.72	0.05	9.2	18.7
Roper PRV		8-Nov-22	8:40 AM	333	8.05	0.08	0.76	0.00	9.4	20.8
Stevens Station	Sample	8-Nov-22	8:50 AM	322	8.06	0.08	0.76	0.02	10.4	21.3
Oxford St. & Buena Vista STN		9-Nov-22	7:15 AM	319	7.84	0.07	0.68	0.00	10.4	14.9
Museum Station	Sample	9-Nov-22	7:25 AM	329	8.06	0.08	0.70	0.02	10.1	15.7
Balsam & Marine Sample STN		9-Nov-22	7:35 AM	329	7.93	0.08	0.72	0.01	10.4	17.2
Stayte Station	Sample	9-Nov-22	9:50 AM	305	8.18	0.11	0.52	0.02	10.7	17.2
Finlay St. Station	Sample	9-Nov-22	8:00 AM	319	8.17	0.07	0.72	0.02	11.5	16.3
Merklin Reservoir	Low	9-Nov-22	7:00 AM	328	8.17	0.07	0.79	0.01	9.9	22.3
Merklin Reservoir (New)		9-Nov-22	7:05 AM	323	8.12	0.06	0.78	0.03	11.4	23.6
Oxford Reservoir		9-Nov-22	8:20 AM	324	8.14	0.07	0.82	0.02	9.2	19.7
Everall St. Sampling Station		14-Nov-22	7:30 AM	318	7.96	0.08	0.80	0.04	9.8	19.0
Mann Park Station	Sample	14-Nov-22	7:40 AM	329	8.05	0.13	0.78	0.03	9.8	18.8
Marine Dr Station	Sample	14-Nov-22	7:55 AM	330	8.06	0.10	0.47	0.01	10.7	21.7

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Russell Ave. Sample Station	14-Nov-22	8:10 AM	317	8.10	0.07	0.82	0.02	9.3	19.6
Roper Reservoir	14-Nov-22	8:20 AM	329	8.10	0.08	0.8	0.03	9.2	19.1
Roper PRV	14-Nov-22	8:25 AM	327	8.11	0.09	0.79	0.05	9.5	22.3
Roper Ave. Sample Station	14-Nov-22	8:45 AM	318	8.12	0.07	0.72	0.02	10.3	22.2
Oxford St. & Buena Vista STN	15-Nov-22	7:20 AM	319	8.32	0.06	0.72	0.02	10.4	18.5
Museum Sample Station	15-Nov-22	7:30 AM	329	8.33	0.09	0.75	3.00	9.9	23.2
Balsam & Marine Sample STN	15-Nov-22	7:45 AM	320	8.32	0.06	0.75	0.01	9.9	23.7
Stayte Sample Station	15-Nov-22	8:10 AM	318	8.35	0.07	0.59	0.00	10.6	20.8
Finlay St. Sample Station	15-Nov-22	8:25 AM	322	8.35	0.07	0.76	0.04	10.4	19.8
Merklin Low Reservoir	15-Nov-22	7:00 AM	327	8.37	0.09	0.83	0.04	9.8	23.0
Merklin Reservoir (New)	15-Nov-22	7:05 AM	324	8.36	0.06	0.77	0.05	11.3	24.5
Oxford Reservoir	15-Nov-22	8:35 AM	326	8.35	0.06	0.84	0.03	9.6	23.0
Everall St. Sample Station	21-Nov-22	7:35 AM	288	7.91	0.08	0.82	0.04	9.5	19.1
Malabar Sample Station	21-Nov-22	7:45 AM	309	7.94	0.07	0.76	0.01	9.7	21.9
Chestnut & N. Bluff Sample STN	21-Nov-22	8:00 AM	300	7.94	0.10	0.57	0.02	9.8	23.3
Russell Ave. Sample Station	21-Nov-22	8:10 AM	284	7.98	0.08	0.83	0.01	9.2	21.2
Roper Reservoir	21-Nov-22	8:25 AM	300	8.01	0.08	0.71	0.02	9.1	20.2
Roper PRV	21-Nov-22	8:30 AM	300	7.99	0.09	0.86	0.03	9.4	23.0
Stevens Sample Station	21-Nov-22	8:45 AM	297	7.98	0.08	0.77	0.03	9.4	23.4
Oxford St. & Buena Vista STN	22-Nov-22	7:20 AM	288	7.90	0.10	0.70	0.03	10.1	18.4
Museum Sample Station	22-Nov-22	7:35 AM	298	7.97	0.13	0.75	0.03	9.8	20.1
Balsam & Marine Sample STN	22-Nov-22	7:50 AM	298	7.99	0.12	0.76	0.02	9.7	22.2
Stayte Sample Station	22-Nov-22	8:10 AM	294	7.98	0.11	0.51	0.02	9.7	20.2
Finlay St. Sample Station	22-Nov-22	8:25 AM	288	7.99	0.07	0.80	0.02	10.0	19.0
Merklin Low Reservoir	22-Nov-22	7:00 AM	297	7.99	0.08	0.80	0.05	9.8	22.6

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Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Merklin Reservoir (New)	22-Nov-22	7:05 AM	305	7.96	0.11	0.76	0.04	13.9	25.2
Oxford Reservoir	22-Nov-22	8:40 AM	276	8.01	0.09	0.87	0.02	9.4	22.0
Everall St. Sampling Station	29-Nov-22	8:00 AM	288	7.66	0.08	0.82	0.02	9.4	15.2
Mann Park Sample Station	29-Nov-22	8:10 AM	293	7.88	0.12	0.76	0.03	9.2	16.5
Marine Dr Sample Station	29-Nov-22	8:25 AM	301	7.88	0.10	0.37	0.04	8.9	19.0
Russell Ave. Sample Station	29-Nov-22	8:40 AM	277	7.99	0.09	0.81	0.03	9.1	16.6
Roper Reservoir	29-Nov-22	8:55 AM	292	8.05	0.10	0.8	0.03	9.1	18.1
Roper PRV	29-Nov-22	9:00 AM	293	8.02	0.13	0.83	0.03	9.2	20.2
Roper Ave. Sample Station	29-Nov-22	7:40 AM	286	8.05	0.10	0.73	0.01	9.5	20.3
Oxford St. & Buena Vista STN	30-Nov-22	7:30 AM	287	7.71	0.12	0.68	0.00	9.4	15.7
Museum Sample Station	30-Nov-22	7:50 AM	287	8.03	0.10	0.74	0.05	9.3	20.8
Balsam & Marine Sample STN	30-Nov-22	8:05 AM	293	7.98	0.11	0.72	0.05	9.3	22.7
Stayte Sample Station	30-Nov-22	8:25 AM	280	7.99	0.10	0.59	0.03	9.4	20.3
Finlay St. Sample Station	30-Nov-22	8:35 AM	293	8.00	0.08	0.83	0.02	9.7	19.4
Merklin Low Reservoir	30-Nov-22	7:00 AM	294	8.00	0.08	0.84	0.00	9.4	23.9
Merklin Reservoir (New)	30-Nov-22	7:05 AM	297	8.00	0.07	0.77	0.05	10.4	25.9
Oxford Reservoir	30-Nov-22	8:55 AM	277	7.99	0.07	0.85	0.05	9.4	23.5
Everall St. Sample Station	5-Dec-22	7:30 AM	316	7.85	0.07	0.82	0.03	9.6	15.4
Malabar Sample Station	5-Dec-22	7:45 AM	320	7.94	0.09	0.78	0.04	8.9	17.6
Chestnut & N. Bluff Sample STN	5-Dec-22	8:00 AM	316	7.93	0.08	0.60	0.02	7.4	20.3
Russell Ave. Sample Station	5-Dec-22	8:15 AM	307	7.97	0.08	0.81	0.06	8.9	19.6
Roper Reservoir	5-Dec-22	8:25 AM	314	7.98	0.08	0.78	0.00	8.7	18.6
Roper PRV	5-Dec-22	8:30 AM	320	7.98	0.07	0.85	0.03	8.8	20.1
Stevens Sample Station	5-Dec-22	8:45 AM	306	7.96	0.08	0.79	0.02	8.5	20.4
Oxford St. & Buena Vista STN	6-Dec-22	7:20 AM	309	7.91	0.07	0.72	0.02	8.7	16.3

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In House Water Testing - 2020										
Sampling Location		Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Museum Station	Sample	6-Dec-22	7:50 AM	316	7.96	0.08	0.76	0.01	8.7	24.9
Balsam & Marine Sample STN		6-Dec-22	8:05 AM	311	8.01	0.07	0.69	0.05	8.3	25.7
Stayte Station	Sample	6-Dec-22	8:30 AM	301	7.99	0.09	0.53	0.05	6.0	19.1
Finlay St. Station	Sample	6-Dec-22	8:45 AM	315	8.04	0.08	0.79	0.04	8.5	18.1
Merklin Reservoir	Low	6-Dec-22	7:00 AM	317	7.99	0.07	0.73	0.03	9.4	26.9
Merklin Reservoir (New)	Reservoir	6-Dec-22	7:05 AM	314	7.98	0.07	0.76	0.03	13.0	27.4
Oxford Reservoir		6-Dec-22	9:00 AM	308	7.98	0.06	0.86	0.03	9.5	23.4
Everall St. Sampling Station		12-Dec-22	7:35 AM	316	7.92	0.06	0.86	0.05	9.7	18.5
Mann Park Station	Sample	12-Dec-22	7:45 AM	314	8.09	0.07	0.84	0.05	7.8	22.9
Marine Dr Station	Sample	12-Dec-22	8:00 AM	308	8.09	0.08	0.56	0.03	8.0	23.1
Russell Ave. Station	Sample	12-Dec-22	8:20 AM	315	8.12	0.07	0.86	0.00	9.4	21.7
Roper Reservoir		12-Dec-22	8:30 AM	316	8.16	0.07	0.77	0.04	8.9	24.9
Roper PRV		12-Dec-22	8:35 AM	316	8.22	0.08	0.84	0.04	9.2	26.5
Roper Ave. Station	Sample	12-Dec-22	9:00 AM	302	8.17	0.08	0.67	0.02	7.6	24.4
Oxford St. & Buena Vista STN		13-Dec-22	7:15 AM	308	8.14	0.07	0.76	0.02	9.0	17.6
Museum Station	Sample	13-Dec-22	7:30 AM	315	8.16	0.07	0.79	0.02	8.9	21.5
Balsam & Marine Sample STN		13-Dec-22	7:45 AM	303	8.19	0.09	0.77	0.02	8.8	21.6
Stayte Station	Sample	13-Dec-22	8:05 AM	303	8.19	0.15	0.37	0.02	6.3	18.2
Finlay St. Station	Sample	13-Dec-22	8:20 AM	312	8.20	0.07	0.86	0.03	8.4	18.9
Merklin Reservoir	Low	13-Dec-22	7:00 AM	313	8.08	0.07	0.79	0.00	9.4	22.6
Merklin Reservoir (New)	Reservoir	13-Dec-22	7:05 AM	312	8.19	0.07	0.76	0.01	12.4	24.0
Oxford Reservoir		13-Dec-22	8:40 AM	310	8.17	0.07	0.88	0.01	9.5	23.0
Everall St. Station	Sample	19-Dec-22	10:01 AM	327	7.93	0.08	0.82	0.03	9.4	18.7
Malabar Station	Sample	19-Dec-22	9:41 AM	316	7.96	0.09	0.76	0.02	8.6	26.6
Chestnut & N. Bluff Sample STN		19-Dec-22	8:53 AM	305	7.99	0.07	0.65	0.02	7.5	25.1

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In House Water Testing - 2020

Sampling Location	Date Sampled	Time	Conductivity us/cm	pH	NTU	Chlorine Total	Chlorine Free	Temp Collected	Temp Tested
Russell Ave. Sample Station	19-Dec-22	11:18 AM	315	8.01	0.07	0.85	0.03	9.2	22.4
Roper Reservoir	19-Dec-22	11:34 AM	312	8.06	0.08	0.78	0.00	8.4	20.5
Roper PRV	19-Dec-22	11:40 AM	321	8.04	0.09	0.78	0.04	8.8	23.5
Stevens Sample Station	19-Dec-22	11:02 AM	315	7.95	0.08	0.74	0.02	8.4	27.6
Oxford St. & Buena Vista STN	19-Dec-22	10:16 AM	310	8.04	0.08	0.72	0.03	8.5	27.1
Museum Sample Station	19-Dec-22	10:46 AM	304	8.06	0.07	0.77	0.02	8.6	24.4
Balsam & Marine Sample STN	Not Collected	Weather							
Stayte Sample Station	Not Collected	Weather							
Finlay St. Sample Station	Not Collected	Weather							
Merklin Low Reservoir	21-Dec-22	8:58 AM	320	7.86	0.07	0.84	0.06	9.1	17.1
Merklin Reservoir (New)	21-Dec-22	8:43 AM	317	7.95	0.06	0.82	0.03	8.8	18.7
Oxford Reservoir	21-Dec-22	9:23 AM	327	7.95	0.07	0.86	0.04	9.5	20.2
Everall St. Sampling Station	28-Dec-22	8:50 AM	323	7.86	0.10	0.77	0.05	9.4	28.2
Mann Park Sample Station	28-Dec-22	9:02 AM	304	7.97	0.11	0.77	0.03	6.9	26.5
Marine Dr Sample Station	28-Dec-22	9:15 AM	305	8.03	0.11	0.74	0.05	5.7	23.6
Russell Ave. Sample Station	28-Dec-22	9:28 AM	318	8.07	0.10	0.76	0.03	9.1	23.8
Roper Reservoir	28-Dec-22	10:28 AM	314	8.04	0.09	0.79	0.03	8.7	23.2
Roper PRV	28-Dec-22	10:26 AM	305	8.04	0.10	0.76	0.04	8.9	21.1
Roper Ave. Sample Station	28-Dec-22	10:17 AM	318	8.10	0.10	0.79	0.03	6.1	25.8

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THM & HAA RESULTS 2022

Sample	Unit of Measure	Nominal Detection Limit	Sample Location				Sampled Date	
			Marine Station	Dr	Roper PRV	Stevens Station		Stayte Station
Chloroform	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	24-Jan-22
Bromodichloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	24-Jan-22
Dibromochloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	24-Jan-22
Bromoform	mg/L	0.001	<0.001		<0.001	0.001	0.001	24-Jan-22
Total THMs	mg/L	0.001	<0.001		<0.001	0.001	0.001	24-Jan-22
Dibromofluoromethane	%	50-140	91		89	92	91	24-Jan-22
Toluene-d8	%	50-140	98		98	98	97	24-Jan-22
Bromofluorobenzene	%	50-140	97		97	98	99	24-Jan-22
Monochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	24-Jan-22
Mon bromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	24-Jan-22
Dichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	24-Jan-22
Bromochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	24-Jan-22
Dibromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	24-Jan-22
Trichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	24-Jan-22
Total HAA6	ug/L	12.0	<12.0		<12.0	<12.0	<12.0	24-Jan-22
2,3-Dibromopropionic Acid	%	50-150	98		99	95	110	24-Jan-22
Chloroform	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	27-Apr-22
Bromodichloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	27-Apr-22
Dibromochloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	27-Apr-22
Bromoform	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	27-Apr-22
Total THMs	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	27-Apr-22
Dibromofluoromethane	%	50-140	110		110	110	106	27-Apr-22
Toluene-d8	%	50-140	104		101	98	100	27-Apr-22
Bromofluorobenzene	%	50-140	98		103	114	93	27-Apr-22
Monochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	27-Apr-22
Monobromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	27-Apr-22
Dichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	27-Apr-22
Bromochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	27-Apr-22

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THM & HAA RESULTS 2022

Sample	Unit of Measure	Nominal Detection Limit	Sample Location				Sampled Date	
			Marine Station	Dr	Roper PRV	Stevens Station		Stayte Station
Dibromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	27-Apr-22
Trichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	27-Apr-22
Total HAA6	ug/L	12.0	<12.0		<12.1	<12.2	<12.3	27-Apr-22
2,3-Dibromopropionic Acid	%	50-150	73		80	84	84	27-Apr-22
Chloroform	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	18-Jul-22
Bromodichloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	18-Jul-22
Dibromochloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	18-Jul-22
Bromoform	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	18-Jul-22
Total THMs	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	18-Jul-22
Dibromofluoromethane	%	50-140	122		124	132	125	18-Jul-22
Toluene-d8	%	50-140	100		102	95	99	18-Jul-22
Bromofluorobenzene	%	50-140	98		100	91	97	18-Jul-22
Monochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	18-Jul-22
Monobromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	18-Jul-22
Dichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	18-Jul-22
Bromochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	18-Jul-22
Dibromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	18-Jul-22
Trichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	18-Jul-22
Total HAA6	ug/L	12.0	<12.0		<12.0	<12.0	<12	18-Jul-22
2,3-Dibromopropionic Acid	%	50-150	91		64	99	56	18-Jul-22
Chloroform	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	17-Oct-22
Bromodichloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	17-Oct-22
Dibromochloromethane	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	17-Oct-22
Bromoform	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	17-Oct-22
Total THMs	mg/L	0.001	<0.001		<0.001	<0.001	<0.001	17-Oct-22
Dibromofluoromethane	%	50-140	112		115	119	115	17-Oct-22
Toluene-d8	%	50-140	98		99	94	99	17-Oct-22
Bromofluorobenzene	%	50-140	107		101	94	92	17-Oct-22

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THM & HAA RESULTS 2022

Sample	Unit of Measure	Nominal Detection Limit	Sample Location				Sampled Date	
			Marine Station	Dr	Roper PRV	Stevens Station		Stayte Station
Monochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	17-Oct-22
Monobromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	17-Oct-22
Dichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	17-Oct-22
Bromochloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	17-Oct-22
Dibromoacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	17-Oct-22
Trichloroacetic Acid	ug/L	2.0	<2.0		<2.0	<2.0	<2.0	17-Oct-22
Total HAA6	ug/L	12.0	<12.0		<12.0	<12.0	<12.	17-Oct-22
2,3-Dibromopropionic Acid	%	50-150	90		110	91	99	17-Oct-22

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Non Routine Water Quality Results for Source and Distribution Water 2022

Sampling Point Name	Date Sampled	TC MPN / 100 ml	E-coli MPN / 100 ml	Comments
Stevens Sample Station**	Jan 5 2022	<1.0	<1.0	Below MAC
1256 Finlay St	Jan 7 2022	<1.0	<1.0	Below MAC
Roper Sample Station	Jan 10 2022	<1.0	<1.0	Below MAC
Weatherby/Russell Medical Building	Jan 13 2022	<1.0	<1.0	Below MAC
Roper PRV	Jan 24 2022	<1.0	<1.0	Below MAC
Roper PRV	Feb 14 2022	<1.0	<1.0	Below MAC
Well #1	Feb 18 2022	<1.0	<1.0	Below MAC
Finaly/Russell	Mar 18 2022	<1.0	<1.0	Below MAC
Roper PRV	Apr 26 2022	<1.0	<1.0	Below MAC
Phoenix and Malabar	May 19 2022	<1.0	<1.0	Below MAC
Phoenix and Malabar #2 / 4.4 °C	May 20 2022	<1.0	<1.0	Below MAC
Chestnut Stn Resample	July 7 2022	<1.0	<1.0	Below MAC
Roper PRV	Oct 12 2022	<1.0	<1.0	Below MAC
	Amount of Times 1.0 or Higher:	0	0	