



*Robertson Lake Dam*

## *2022 Annual Water Report*



# ***2022 Saint John Water - Annual Water Report***

## **Table of Contents**

1. INTRODUCTION.....	1
1.1. Protective Barriers .....	1
1.2. Annual Report .....	2
2. MONITORING RESULTS.....	3
2.1. Raw Water and Distribution System .....	3
2.2. Field Monitoring Results .....	6
3. WATER PRODUCTION.....	7
3.1. Spruce Lake Industrial System .....	7
3.2. South Bay Wellfield .....	8
3.3. Spruce Lake / South Bay Wellfield Combined System.....	13
3.4. Musquash Water System Supplemental Supply to Spruce Lake Watershed .....	15
3.5. Loch Lomond System.....	16
3.6. Harbourview Well System .....	20
3.7. Chemical Consumption (Bulk).....	21
3.7.1. Chlorine Consumption.....	21
3.7.2. Orthophosphate Consumption .....	22
4. OPERATIONAL HIGHLIGHTS.....	23
4.1. Watersheds .....	23
4.2. Water Treatment.....	23
4.3. Water Storage .....	24
4.4. Water Quality .....	24
4.4.1. Boil Water Orders and Advisories.....	24
4.4.2. Unidirectional Flushing Program.....	29
4.4.3. Continuous Flushing Program .....	32
4.5. Backflow Prevention and Cross-Connection Control .....	32
4.5.1. Cross-Connection Control Program.....	33
4.6. Water Distribution .....	33
4.6.1. Water Modelling .....	33
5. CAPITAL WATER SYSTEM IMPROVEMENTS .....	34
6. OPERATOR TRAINING & CERTIFICATION .....	35





6.1. Operator Training – Water Treatment ..... 36

6.2. Operator Certification – Water Treatment ..... 37

6.3. Operator Training - Water Distribution..... 38

6.4. Operator Certification - Water Distribution ..... 39

7. HUMAN RESOURCES..... 40

7.1. Responsible Staff..... 40

7.2. New Hires ..... 40

7.3. Staffing Changes ..... 41

8. PUBLIC INFORMATION..... 41

8.1. Communications..... 41

8.2. Customer Service..... 42

8.3. Commitment ..... 42

**List of Tables**

Table 2.1-1: 2022 Summarized Sampling Plan..... 4

Table 3.1-1: Spruce Lake – 2022 Raw Water Production..... 7

Table 3.2-1: South Bay Wellfield – 2022 Water Production ..... 9

Table 3.3-1: Annual Water Production (raw and treated) Spruce Lake / South Bay Wellfield<sup>13</sup>

Table 3.3-2: Peak Monthly Production (raw and treated) – Spruce Lake/South Bay Wellfield  
..... 13

Table 3.3-3: 2022 Spruce Lake / South Bay Wellfield Combined System – Treated and Raw  
Water Production..... 14

Table 3.4-1: Musquash – Menzies Lake Interbasin Transfer ..... 15

Table 3.5-1: 2022 Annual Water Production (raw and treated) – Loch Lomond System..... 16

Table 3.5-2: Loch Lomond System 2022 Combined-Domestic and Industrial Water  
Production..... 17

Table 3.5-3: Loch Lomond System 2022 Treated Water Production<sup>1</sup> ..... 18

Table 3.6-1: Harbourview Well System 2022 Treated Water Production ..... 20

Table 3.7.1-1: Chlorine Consumption by Year ..... 22

Table 3.7.2-1: Orthophosphate Consumption ..... 23

Table 4.4.2-1: Unidirectional Flushing Program by Year ..... 30

Table 4.4.2-2: Unidirectional Flushing Program by Zone ..... **Error! Bookmark not defined.**

Table 6-1: Certifications Achieved in 2022 ..... 36

Table 6.2-1: Water Treatment Operator Certification ..... 37

Table 6.4-1: Water Distribution Operator Certification ..... 39

Table 7.1-1: Saint John Water Responsible Staff..... 40

Table 7.3-1: Saint John Water Staffing Changes ..... 41



**List of Figures**

Figure 3.1-1: 2022 Spruce Lake Monthly Raw Water Production..... 8  
Figure 3.2-1: 2022 South Bay Wellfield Monthly Potable Water Production ..... 10  
Figure 3.2-2: 2022 South Bay Wellfield Daily Pumping Rates ..... 11  
Figure 3.2-3: 2022 South Bay Wellfield Production Well Water Elevation ..... 12  
Figure 3.3-1: 2022 Spruce Lake / South Bay Wellfield Combined System Monthly Production ..... 14  
Figure 3.4-1: Map of Western Watersheds (Musquash and Spruce Lake)..... 16  
Figure 3.5-1: 2022 Loch Lomond System Monthly Production ..... 17  
Figure 3.5-2: 2022 Loch Lomond System Monthly Treated Water Production ..... 18  
Figure 3.5-3: Map of Eastern Watersheds (Latimer)..... 19  
Figure 3.5-4: Map of Eastern Watersheds (Loch Lomond) ..... 19  
Figure 5-1: Approved Capital Water Main Improvement Plans ..... 35

**Appendices**

- A. East, West Raw Water Sample Sites & SBWF Monitoring Wells
- B. Watershed Raw Water Analytical Results
- C. Raw Water & Distribution System Organic & Inorganic Analytical Results
- D. Monthly Water Testing Summaries
- E. CoA, Water Sampling Plan with Map
- F. Chlorine Residual Assurance Program – Data & Graphs
- G. Chlorine Residual Data & Other Monitoring Data
- H. 2022 Approved Water and Sewerage Utility Fund Capital Program
- I. Examples of Field Test Unit Functional Check Record
- J. Certifications Achieved to Date
- K. 2022 Summary of Watermain Breaks
- L. 2022 Staff Training Summary
- M. Examples of Weekly Construction Update
- N. Public Communication
- O. Examples of 2021 Media Coverage
- P. 2022 Customer Requests Relating to Pressure & Water Quality
- Q. 2022 THM, HAA, TOC, DOC, Turbidity, Temperature, and UVT Data
- R. 2022 Annual Report for the South Bay Wellfield.
- S. 2022 Taste & Odour Data
- T. 2022 Water Quality Flushing’s Inventory
- U. 2022 Bulk Water Testing Latimer Lake and South Bay Wellfield



## 1. INTRODUCTION

Saint John Water, a department of the City of Saint John, is responsible for the delivery of the *Drinking Water* and the *Industrial Water services*. The following annual report covers both the Drinking Water and the Industrial Water services with the focus being Drinking Water.

The goal of the *Drinking Water* service is to reliably supply safe, clean drinking water to all users. The service is regulated under the Clean Environment Act – Water Quality Regulation and Clean Water Act - Potable Water Regulation and delivered under the most current *Approval to Operate W-2079 Drinking Water Treatment and Distribution System*. This *Approval to Operate* (see Appendix E) was issued by the New Brunswick Minister of the Environment on September 7, 2022 superseding Approval W-1510. The City's current certificate is valid for a 5-year period from September 7, 2022 to September 6, 2027. The certificate represents formal authorization to the City of Saint John (Approval Holder) by the Minister to operate drinking water facilities and water distribution systems.

All municipal drinking water systems in New Brunswick are required to abide by the various conditions set out in *Approvals to Operate* drinking water treatment and distribution facilities. These regulatory tools set standards for water treatment facilities, distribution facilities, system operators and overall operation of facilities that strive to ensure safe and reliable drinking water for all users. Saint John Water fully endorses these standards and the philosophy behind the need for strict regulation of systems supplying such a vital public service.

The Industrial Water service provides large industrial customers in Saint John (Irving Pulp & Paper, Irving Tissue, NB Power Coleson Cove Generation Station, Irving Oil Refinery and Irving Paper) with raw industrial water to support and carry out their processes.

### 1.1. Protective Barriers

People must have safe, clean drinking water. This water must be delivered to Saint John homes, institutions and businesses in a quality that meets the New Brunswick Drinking Water Quality Guidelines. Saint John Water goes above and beyond by striving to meet or exceed the Guidelines for Canadian Drinking Water Quality.

The *Drinking Water Service* is a public service that provides drinking water to the community and is vital to the economic vitality of the region. This service includes the supply of water, treatment, testing, transmission and distribution, administration of the service, and billing and collections.

Saint John Water manages its drinking water service based on the Multi-Barrier Approach from the water source to the user's tap. Drinking water quality must be assured through a series of protective barriers:



1. Source (watershed and wellfield) Protection
2. Drinking Water Treatment
3. Operations and Maintenance (including staff training, development and staff levels)
4. Monitoring and Alarms (Sampling Plan, SCADA system, and record keeping)
5. Distribution System (residual chlorine maintenance, total coliform sampling, E. coli sampling, water quality flushing, storage reservoirs, backflow prevention and cross-connection control)
6. Emergency Response (contingency plans, boil order responses, safety training, etc.)

## 1.2. Annual Report

Condition 25 (Approval W-2079) of the certificate requires submission of an *Annual Report* to the New Brunswick Department of Environment and Local Government. The report provides pertinent technical and operating information to the regulator on the City's water systems including:

- Monitoring results (daily/weekly/monthly data such as free chlorine residual, turbidity, pH, temperature, iron, manganese, etc.)
- Monthly water production;
- water usage (flowmeter), and water level data for the South Bay production wells;
- Operational highlights (significant incidents and system improvements, changes, or additions);
- Summary of backflow prevention and cross-connection activities;
- Summary of flushing activities;
- Operator information (training, certifications, and staffing changes);
- Public relations (notifications & public education); and
- Additional comments.

The Loch Lomond Drinking Water Treatment Facility (LLDWTF), owned by the City of Saint John but operated by Port City Water Services, has its own Approval to Operate issued to Port City Water Services by the Department of Environment and Local Government. A separate Annual Report is submitted by Port City Water Services for the Loch Lomond Drinking Water Treatment Facility (LLDWTF).



## 2. MONITORING RESULTS

### 2.1. Raw Water and Distribution System

The City of Saint John operates two large but separate distribution systems (East and West) which services the vast majority of the city's population. The City also operates and maintains a smaller groundwater distribution system in the Harbourview subdivision that services about 450 customers in the Redhead area of Saint John.

In September 2017, as part of the Safe, Clean Drinking Water Project, the West Saint John system (west of the Reversing Falls Bridge) was converted from a surface water supply to a groundwater supply from the South Bay Wellfield (SBWF). The west system was further modified such that approximately two-thirds of the water demand is met by the LLDWTF, and the remaining one-third is supplied by the South Bay Wells. As a result of this change, the Spruce Lake / Ludgate Lake reservoir along with the periodical inter-basin transfer from East Musquash is totally devoted to service raw water to industrial customers. The City maintains the protected watershed designation associated with the Spruce Lake / Ludgate Lake watershed to ensure quality raw water is supplied to industry and as a long-term backup water supply that could be treated, with significant infrastructure investment, to meet Canadian Drinking Water Quality Guidelines.



Latimer Lake and the various lakes that make up the Loch Lomond water shed is the source for the East water distribution system. Prior to August 30, 2018, water from the lake system was treated at Latimer Lake by first course screening the water followed by the addition of chlorine to the water as a means of disinfection. As part of the Safe, Clean Drinking Water Project, the new LLDWTF began supplying the east water distribution system on August 30, 2018 with fully treated drinking water that exceeds the Canadian Drinking Water Quality Guidelines.

The quality of water in the lakes, which make up the watersheds, and the wells, which make up part of the groundwater aquifers, are important to the final quality of treated potable water. To that end, each year Saint John Water analyses raw surface water sources in the eastern water system from ten locations and in the western water system from four locations. Saint John Water also analyzes the raw water at each of the five production wells (3 SBWF and 2 Harbourview subdivision). Within the South Bay groundwater aquifer, there are also twelve (12) monitoring wells surrounding the wellfield that form part of the overall monitoring of the raw well water supply. This raw water sampling is in addition to the water quality Sampling Plan approved by the Department of Environment and Local Government. Appendix A includes maps of the east and west systems (excluding the Harbourview Subdivision) which note the raw water sample sites. Also found in Appendix A is a map showing the location of the monitoring wells within the South Bay Wellfield aquifer. Appendix B provides a summary of all parameters measured for each of the respective raw surface water sampling locations.



The approved Water Sampling Plan from the Department of Environment and Local Government required that samples be collected weekly at forty-two (42) locations across the three water systems and microbiologically analyzed. Twenty-nine (29) of the sites are required to be analyzed semi-annually for inorganic parameters and quarterly for organic parameters.

The sampling plan adhered to during 2022 is summarized in Table 2.1-1 below.

**Table 2.1-1: 2022 Summarized Sampling Plan**

<b>Bacteriological (weekly sampling)</b>		
<b>Source</b>	<b>Raw Water</b>	<b>Distribution System</b>
Loch Lomond	1	23
Spruce Lake	1	0
Red Head	2	4
South Bay Wellfield	3	8
<b>Total</b>	<b>7</b>	<b>35</b>
<b>Inorganic (semi-annual sampling)</b>		
<b>Source</b>	<b>Raw Water</b>	<b>Distribution System</b>
Loch Lomond	1	16
Spruce Lake	1	0
Red Head	2	2
South Bay Wellfield	3	4
<b>Total</b>	<b>7</b>	<b>22</b>
<b>Organic (quarterly sampling)</b>		
<b>Source</b>	<b>Raw Water</b>	<b>Distribution System</b>
Loch Lomond	1	16
Spruce Lake	1	0
Red Head	2	2
South Bay Wellfield	3	4
<b>Total</b>	<b>7</b>	<b>22</b>

Annual organic and inorganic analytical results are included in Appendix C noting each location where the respective samples are collected.

Weekly microbiological results for *E. coli* (EC), total coliforms (TC) and monthly results for Heterotrophic Plate Count (HPC) can be found in Appendix D. Also included in Appendix D are any follow-up sample results associated with any non-coliform bacteria detected in the weekly sampling routine.



---

### **General Comments regarding procedures developed and followed by Saint John Water:**

- Given the historic levels of trihalomethanes (THMs) found at some of the sampling locations (pre Safe Clean Drinking Water Project), the frequency of THM sampling remained at monthly in 2019 and January 2020; well above the Sampling Plan's requirements of quarterly analyses. THMs are formed when the disinfectant chlorine reacts with decaying organic material in the untreated water. Since the LLDWTF and the SBWF systems began production in 2018 and 2017, respectively, Saint John Water has observed consistently low levels of THM's. For this reason, in February 2020 SJ Water reduced the sampling frequency of THM's to quarterly as per the requirement of the Sampling Plan. Results for trihalomethanes (THMs) are reported in Appendix Q.
- Haloacetic acids (HAAs) are another disinfection by-product formed when chlorine reacts with organic material in the unfiltered water. Although HAAs are not currently regulated in New Brunswick, it is anticipated that this will happen in the future. Saint John Water reduced the testing frequency in February 2020 to quarterly due to HAA's not exceeding NBDOH guidelines since the LLDWTF and the SBWF systems began production in 2018 and 2017 respectively. Results for haloacetic acids (HAAs) are reported in Appendix Q.
- Dissolved organic carbon (DOC) and total organic carbon (TOC) are precursors to the formation of both THMs and HAAs. These parameters continued to be monitored during 2022. The Lomond Drinking Water Treatment Facility (LLDWTF) was designed to reduce these organic precursors. When the disinfectant (chlorine) is added near the end of the treatment process at the new Facility, the quantities of THMs and HAAs formed are substantially less than prior to the new Facility, and less than the levels regulated by Health Canada. With the development of the South Bay Wellfield, these organic carbons are essentially non-existent and thus THMs and HAAs in West Saint John are essentially non-existent and well within regulatory requirements after September 2017. Results are reported in Appendix Q. With the commissioning of the new Loch Lomond Drinking Water Treatment Facility, THM and HAA formations have reduced dramatically within the East, North & South distribution system as can be seen in Appendix Q.
- Collection of samples for ultraviolet transmittance (UVT) first began in May of 2007. Results for 2022 are reported in Appendix Q. Since the commissioning of the South Bay Wellfield there has been a significant improvement in UVT.
- Taste and odour sampling continued to be monitored in 2022. The indicator parameters for taste and odour are Geosmin and MIB (2-methylisoborneol). Results are included in Appendix S.

With respect to water testing, Saint John Water utilizes a number of accredited laboratories. Analytical service providers include:

- Saint John Laboratory Services Ltd. for microbiological analyses, inorganics, and watershed analyses;
- SGS Canada for organics (including THMs and HAAs), benzo[a]pyrene and pentachlorophenol, and taste/odour analyses;
- SGS Canada for organic carbon (dissolved and total);
- SGS Canada performed the additional optional “Full Scan” analyses (including pesticides, dioxins, furans and radionuclides) on Latimer Lake & Spruce Lake Raw sources.

Saint John Water has been utilizing the WaterTrax data management service for many years. It allows data to be entered directly into the database by contract laboratories as well as field staff, and historical data may be reported via custom templates, plotted on trend screens, or downloaded into spreadsheet format. The NB Department of Health has access to all data within WaterTrax.

## 2.2. Field Monitoring Results

On-line chlorine analyzers are located at the Champlain Heights Pump Station (east) and the Gault Road PRV (west). These locations are used to monitor the disinfection levels within our distribution system on a continuous basis. The data collected during 2022 is summarized in Appendix F.

On-line turbidity monitoring were installed and commissioned at the Latimer Lake and Spruce Lake Treatment Facilities many years ago. Three additional on-line turbidity meters were installed at the South Bay Wellfield in 2017. Manual calibration checks are performed regularly to confirm the accuracy of the on-line instruments. The turbidity data collected during 2022 is summarized in Appendix Q.

The temperature of the raw surface water sources are also measured regularly. The data collected during 2022 are summarized in Appendix Q and includes the raw waters at Latimer Lake, Spruce Lake, and each of the three production wells at the South Bay Wellfield.

Included in Appendix G are the chlorine residual data collected as part of the regular water testing program as well as other regularly monitored data, such as pH, turbidity, total dissolved solids, conductivity, and iron. The Saint John Water Environmental Laboratory continues to participate in CALA Proficiency Testing for various parameters to assure our in-house analysis meets industry standards.

Saint John Water Environmental Laboratory staff calibrates the portable chlorine detection units to ensure reading accuracy. The HACH Chlorine Pocket Colorimeters calibration check are targeted to be performed on a quarterly basis, or more often if requested from the user. The





units are compared against HACH standards to ensure their reliability. The results from these regular quarterly calibration checks are included in Appendix I.

Saint John Water utilizes four portable HACH turbidimeters for field work and spot checks on stationary instruments. These portable instruments undergo calibration checks quarterly. Annually a HACH customer service representative is contracted to check the portable turbidimeters and on a rotational basis the HACH Chlorine Pocket Colorimeters. Functional Check Record sheets for the portable turbidimeters are also located in Appendix I.

Saint John Water staff also use portable meters to measure orthophosphate concentrations at the South Bay Treatment Facility (formerly referred to as the Spruce Lake Treatment Facility) along with various locations throughout the distribution system. These meters are used weekly to measure and record the level of orthophosphate to assure we are maintaining the desired levels within distribution system. Orthophosphate measurements can be found in Appendix G.

The SCADA (Supervisory Control and Data Acquisition) system that monitors on-line parameters throughout the water system includes a system for generating alarms when conditions are outside of the pre-set desired operating ranges. Saint John Water continues to verify on a regular basis that the systems associated with chlorination, turbidity, facility intrusion, flow and pressure, pump status, and tank elevations are operating correctly.

### 3. WATER PRODUCTION

#### 3.1. Spruce Lake Industrial System

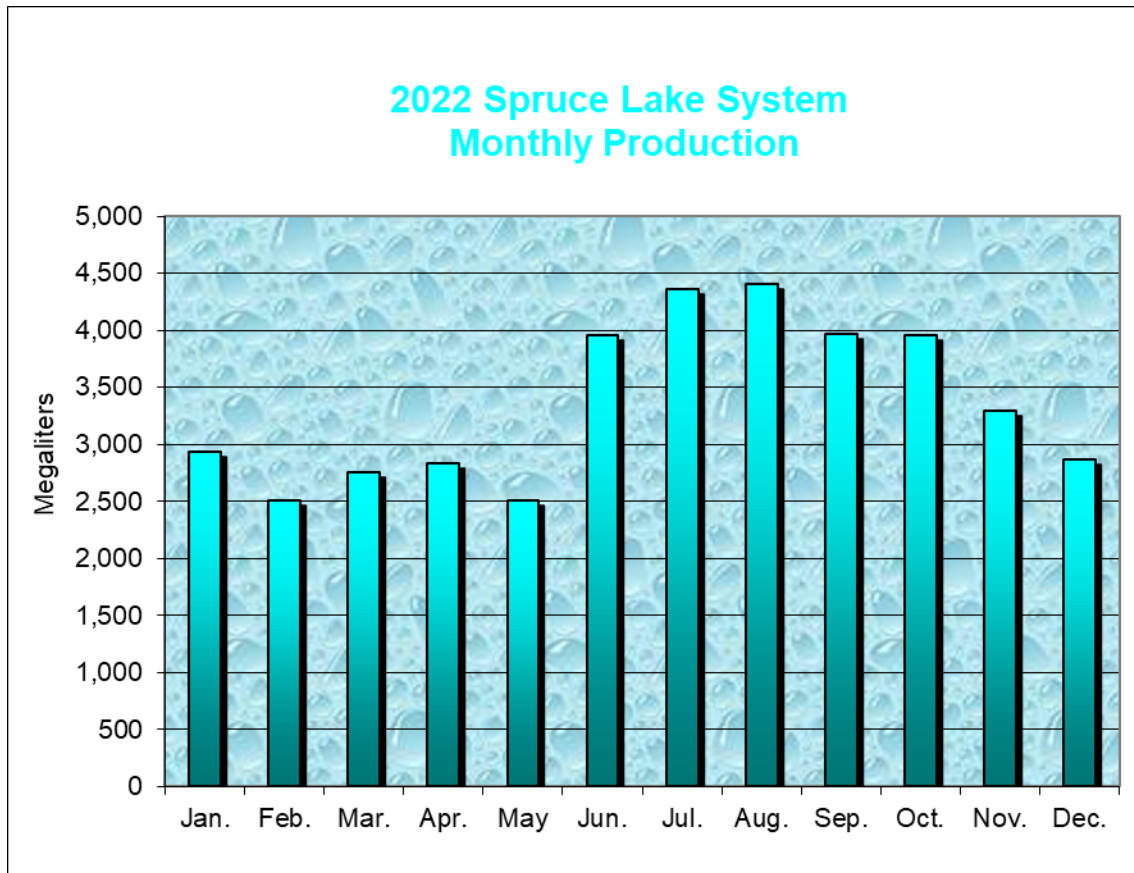
In September 2017, when the South Bay Wellfield came online supplying high quality drinking water to west side customers, the Spruce Lake reservoir became a raw water source for industrial customers on the west side. Annual raw industrial water supplied by Spruce Lake in 2022 was 40.4 billion litres. This represents a 3% increase (1.2 billion litres) over 2021 annual withdrawal of 39.2 billion litres. Table 3.1-1 below breaks down the annual Raw Water withdrawn from Spruce Lake by month including the peak volumes per month.

**Table 3.1-1: Spruce Lake – 2022 Raw Water Production**

Month	Peak Daily Production (Mega Litres)	Monthly Production (Mega Litres)
January	97.0	2,937.1
February	97.0	2,512.0
March	92.1	2,757.1
April	104.7	2,831.6
May	179.2	2,505.7
June	179.1	3,960.5
July	152.1	4,355.3
August	145.9	4,407.5
September	138.8	3,972.5

October	135.4	3,951.9
November	120.8	3,295.4
December	107.4	2,864.3
<b>TOTAL</b>		<b>40,351.1</b>

Figure 3.1-1 below represents this data in graphical form.



**Figure 3.1-1: 2022 Spruce Lake Monthly Raw Water Production**

### 3.2. South Bay Wellfield

Approval to Operate W-2079 requires the monitoring and recording of water levels in each of the three production wells (Condition 27) in the South Bay Wellfield. Saint John Water was out of compliance with respect to Condition 27 of the Approval to Operate for 2019.

After exploring various options, a decision was made by Saint John Water to reduce the water demand on the South Bay aquifer to allow the aquifer to recover to a water elevation greater than one meter above sea level. The water demand reduction on the aquifer was achieved by supplying six west side neighbourhoods (Lower West, Milford, Randolph, Fundy Heights,

Duck Cove and Sand Cove) with fully treated surface water from the new Loch Lomond Drinking Water Treatment Facility. In February 2020 Saint John Water commissioned all the infrastructure required to supply six west side neighbourhoods (Lower West, Milford, Randolph, Fundy Heights, Duck Cove and Sand Cove) with fully treated surface water from the new Loch Lomond Drinking Water Treatment Facility as can be seen in the reduction of the South Bay Wellfield production shown in Figure 3.2-1. By reducing the amount of Customers supplied with water from the South Bay Wellfield the pumping rate was reduced and the overall withdrawal of water was reduced allowing the water levels in the aquifer to recover.

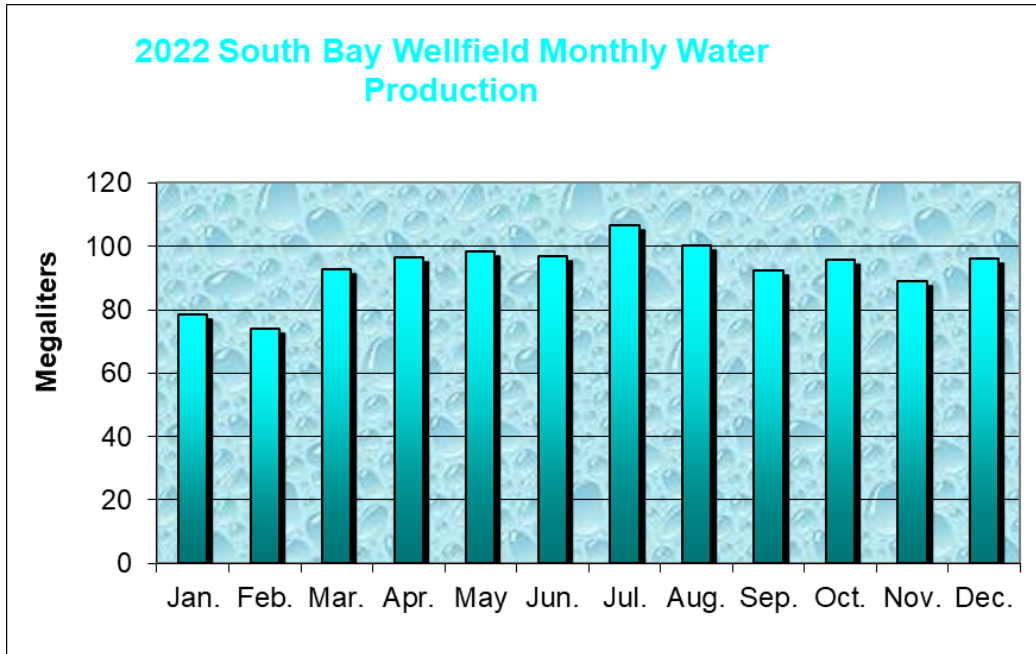
Annual ground water withdrawn from the South Bay aquifer in 2022 was about 1.12 billion litres (1,117 mega litres). This represents about a 27.7 % increase in consumption over 2021, which was 1.4 billion litres. 2022 marked the second full year of reduced water demand on the aquifer and the fourth full year water was pumped from the aquifer and delivered to customers after chlorination and orthophosphate addition at the South Bay Treatment Facility.

**Table 3.2-1** below breaks down the annual ground water withdrawn from the South Bay Aquifer by month including the peak volumes per month.

**Table 3.2-1: South Bay Wellfield – 2022 Water Production**

Month	Peak Daily Production (Mega Litres)	Average Daily Production (Mega Litres)	Monthly Production (Mega Litres)
January	3.1	2.5	78.4
February	3.6	2.6	74.1
March	3.7	3.0	92.7
April	3.8	3.2	96.6
May	3.8	3.2	98.5
June	5.3	3.2	97.0
July	5.3	3.4	106.6
August	4.6	3.2	100.4
September	4.4	3.1	92.5
October	4.2	3.1	95.9
November	4.1	3.0	89.0
December	3.9	3.1	96.2
<b>TOTAL</b>			<b>1,117.9</b>
<b>AVERAGE</b>		<b>3.06</b>	<b>93.16</b>

**Figure 3.2-1** below represents the water production in graphical form.



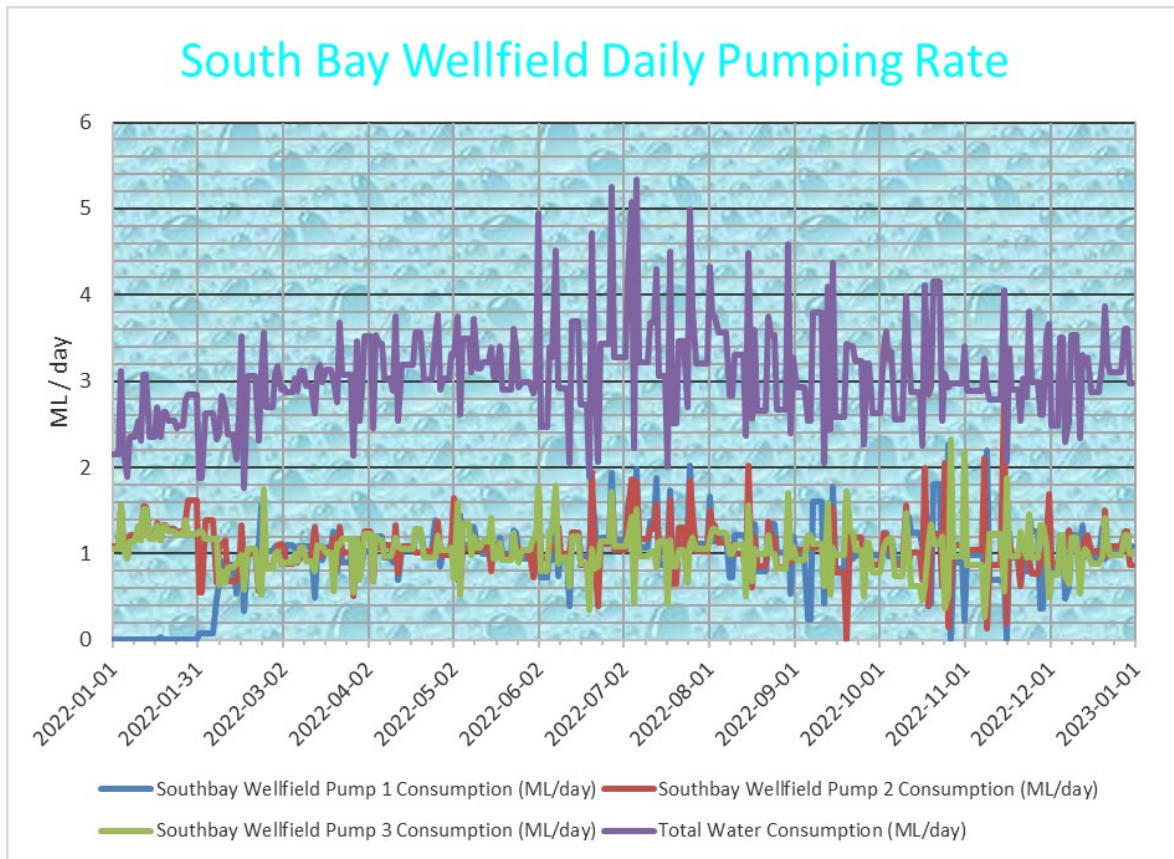
**Figure 3.2-1: 2022 South Bay Wellfield Monthly Potable Water Production**

Condition 2 in the City’s Approval to Operate W-2079 indicates a maximum operational pumping rate for the combined three production wells of 5.0 ML/day. It further states that the 5.0 ML/day operational pumping rate for the South Bay Wellfield is to be averaged over a running annual basis (i.e. a maximum of 1810 ML pumped over 365 days).

As can be seen in **Table 3.2-1** a maximum of 1117.9 ML was pumped from the aquifer in 2022. This represents 61.8% of the maximum allowable water pumped from the aquifer or 692.1 ML lower than the maximum allowable as per our Approval to Operate. Furthermore, the daily average pumping rate over the entire year is 3.1 ML/day which is lower than the 5.0 ML/day permitted within the Approval to Operate; therefore Saint John Water is compliant with condition 2 of the Approval to Operate.

**Figure 3.2-2** below illustrates the daily pumping rates for the three production wells along with the total of all three pumps (purple line).

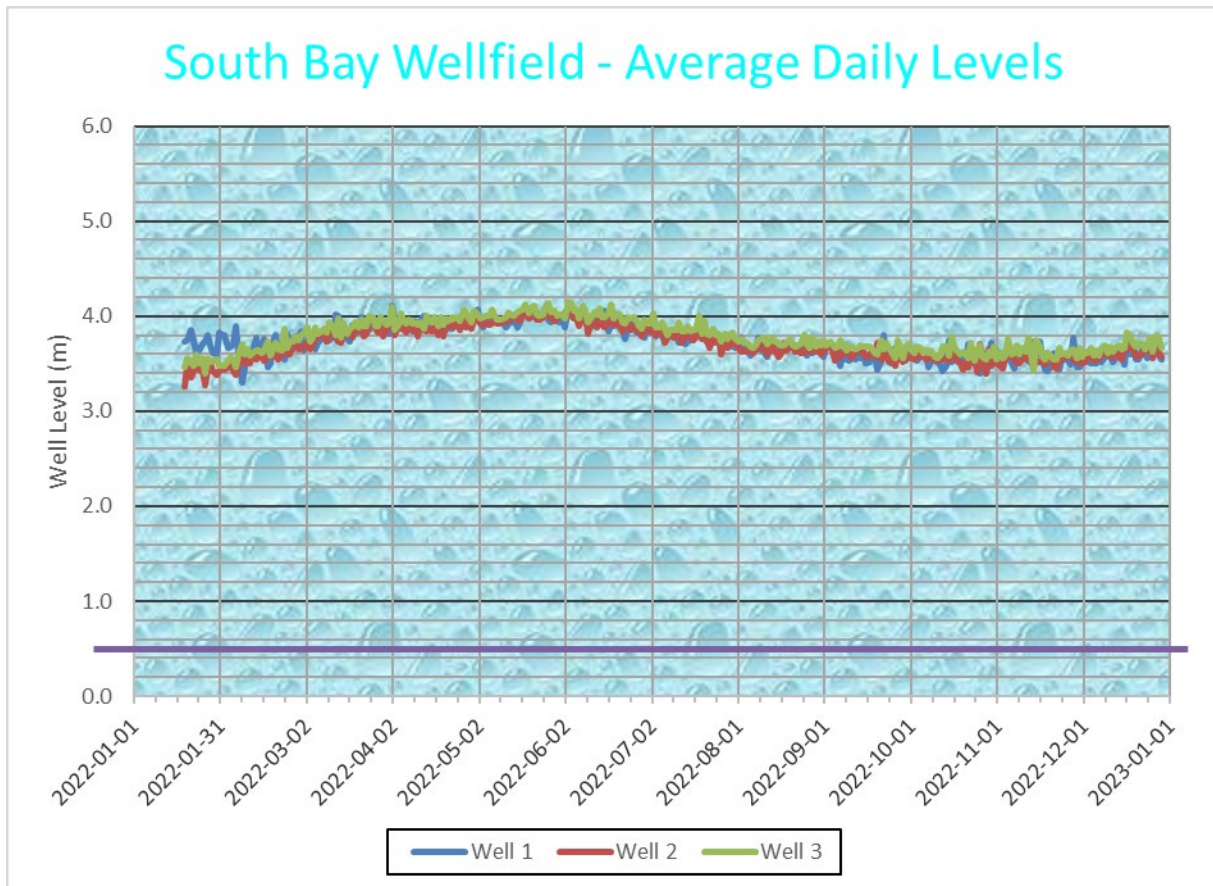




**Figure 3.2-2: 2022 South Bay Wellfield Daily Pumping Rates**

As can be seen above in **Figure 3.2-2** the water demand reduction on the South Bay aquifer was achieved by supplying six west side neighbourhoods (Lower West, Milford, Randolph, Fundy Heights, Duck Cove and Sand Cove) with fully treated surface water from the new Loch Lomond Drinking Water Treatment Facility. The Approval to Operate W-2079 also requires the monitoring and recording of water levels in each of the three production wells (Condition 27). Condition 27 further states that each well is not to fall below +1m above mean sea level (amsl) more than 100 days/year with a maximum of 20 consecutive days.

**Figure 3.2-3** below shows the water elevation for each production well in 2022.



**Figure 3.2-3: 2022 South Bay Wellfield Production Well Water Elevation**

The water level in each of the three production wells was below the +1m amsl throughout the first 7 months of 2020. In August 2020 as a result of the reduced pumping from the South Bay Wellfield, well 1 and well 2 water elevations reached +1m above mean sea level (amsl). The water level in each of the three production wells was above +1m above mean sea level (amsl) in November 2020 and water levels have continued to rise throughout 2021. In 2022 Saint John Water was in compliance with respect to Condition 27 of the Approval to Operate the Drinking Water System as the water elevations was greater than +3.0 meters above mean sea level. throughout 2022. The South Bay Wellfield Annual Report which was submitted to Department of Environment and Local Government separately previous years is included in Appendix R – South Bay Wellfield Annual Report.

In 2017, Common Council authorized the City Manager to direct City Staff to begin the wellfield designation process for the South Bay Wellfield under the Clean Water Act, Regulation 2000-47. The process will result in the designation of a Wellfield Protected Area around the South Bay wells to protect the high-quality drinking water. The New Brunswick Minister of Environment, under the Clean Water Act, will issue a Wellfield Protected Area Designation Order. A Wellfield Protection Study for the South Bay Wellfield is underway and once complete it will be submitted to the Department of Environment and Local Government

as part of the wellfield designation process. However, it should be noted that, due to the efforts to reduce water demand on the South Bay aquifer, the wellfield designation process was put on hold until the demand was reduced and new operational parameters set. The reduced demand on the aquifer will have an impact on the boundaries of the Wellfield protection area and hence the importance of getting the numbers and delineation correct.

### 3.3. Spruce Lake / South Bay Wellfield Combined System

Annual water production (raw from Spruce Lake and potable from the South Bay Wellfield) during 2022 for the Spruce Lake / South Bay Wellfield system was approximately 41.5 billion litres, an increase of 1.4 billion litres over 2021 annual Spruce Lake / South Bay Wellfield water production, which was 40.1 billion litres. A comparison of water production for previous four years can be seen in Table 3.3-1 below.

**Table 3.3-1: Annual Water Production (raw and treated) Spruce Lake / South Bay Wellfield**

Year	Production (billion Litres)	Increase/Decrease from Previous Year (billions of Litres)
2022	41.5	+1.4
2021	40.1	+1.5
2020	38.6	-1.3
2019	39.9	-2.0
2018	41.9	+4.2

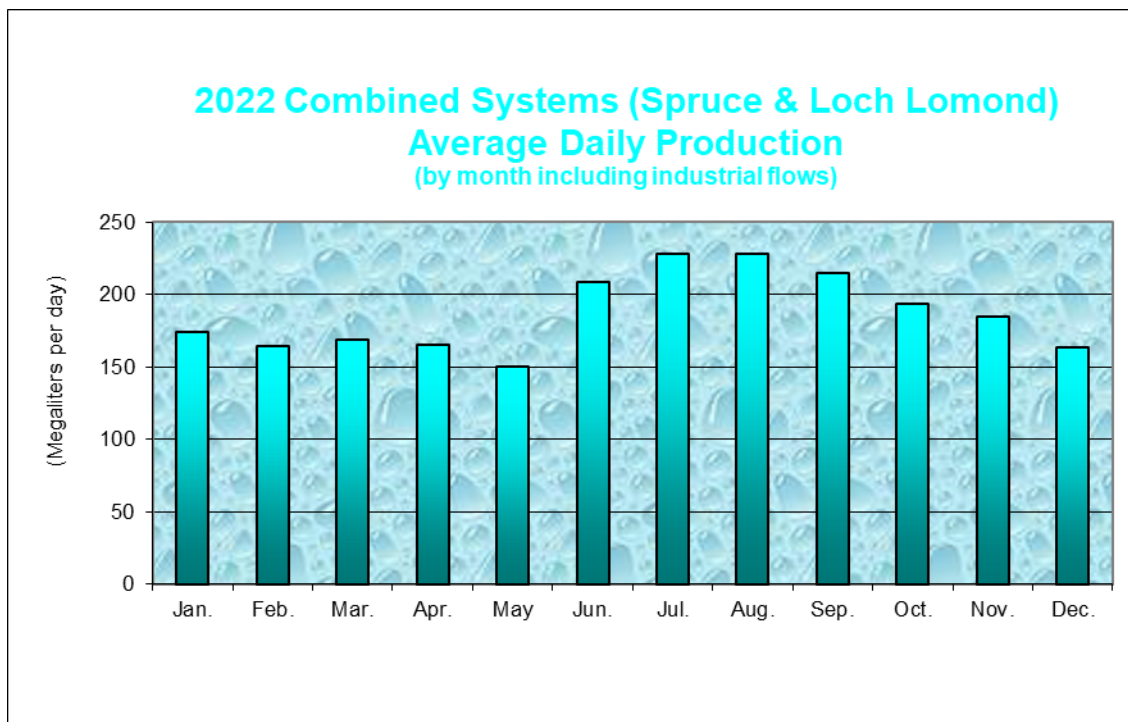
In 2022, peak monthly production was 4.51 billion litres occurring in the month of August, which is 0.13 billion litres higher than the peak in 2021 as can be seen in Table 3.3-2. Table 3.3-2 also compares the previous four-year’s peak production and the month in which it occurred.

**Table 3.3-2: Peak Monthly Production (raw and treated) – Spruce Lake/South Bay Wellfield**

Year	Peak Monthly Production (billion Litres)	Increase/Decrease from Previous Year (billions of Litres)	Peak Month
2022	4.51	+0.13	Aug
2021	4.38	+0.38	Aug
2020	4.00	-0.27	Aug
2019	4.27	-0.38	Jul
2018	4.65	+0.90	Jul

**Table 3.3-3: 2022 Spruce Lake / South Bay Wellfield Combined System – Treated and Raw Water Production**

Month	Peak Daily Production (Mega Litres)	Monthly Production (Mega Litres)
January	100.1	3,015.5
February	100.6	2,586.1
March	95.8	2,849.8
April	108.4	2,928.2
May	183.0	2,604.2
June	184.4	4,057.6
July	157.4	4,461.9
August	150.5	4,507.8
September	143.1	4,065.0
October	139.6	4,047.8
November	124.8	3,384.5
December	111.3	2,960.5
<b>TOTAL</b>		<b>41,468.9</b>



**Figure 3.3-1: 2022 Spruce Lake / South Bay Wellfield Combined System Monthly Production**



### 3.4. Musquash Water System Supplemental Supply to Spruce Lake Watershed

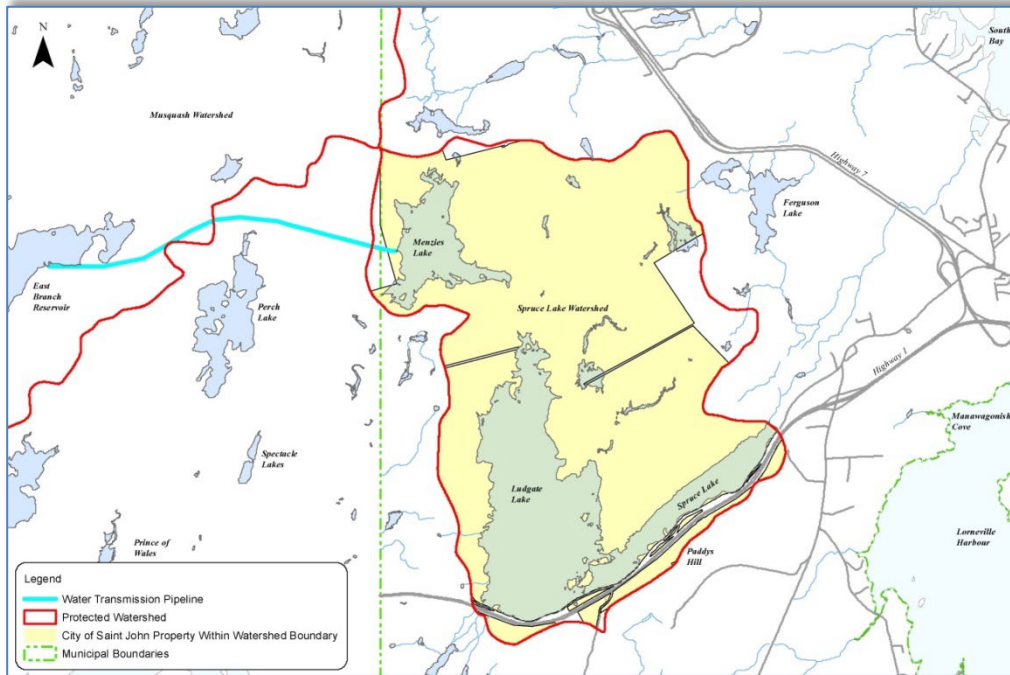
When the water level in the Spruce Lake surface water reservoir drops to approximately 60 metres amsl (above mean sea level), Saint John Water turns on the Musquash Pump Station to transfer water from the East Musquash watershed to Menzies Lake, part of the Spruce Lake Watershed. This inter-basin transfer is necessary to provide for the industrial demand and to assure adequate lake levels in Spruce Lake in times of low precipitation. A total volume of 18.375 billion litres was transferred during a total of 148 days of pumping in 2022. For comparison purposes, the previous five-year’s inter-basin transfers are shown in Table 3.4-1 below.

**Table 3.4-1: Musquash – Menzies Lake Interbasin Transfer**

Year	Volume Transferred (billions of Litres)	# of Operating Days
2022	18.375	148
2021	19.027	132
2020	22.054	153
2019	12.805	91
2018	16.007	111

As can be seen in the table above, the pumping volume and duration from the East Branch Musquash reservoir was higher than in 2018 and 2019. It was anticipated that once the East water transmission main across the Reversing Falls Bridge was disconnected from the West System Industrial Customers, as part of the Safe Clean Drinking Water Project, the reliance on Musquash for supplemental water would increase. The other factor is the levels of precipitation each year affects the need to transfer water from Musquash to Menzies Lake to maintain sufficient water in the Spruce Lake surface water reservoir.

A map of the entire Spruce Lake Watershed along with a portion of the Musquash watershed can be seen in Figure 3.4-1. The blue line in Figure 3.4-1 represents the pipeline between the Musquash Pump station, on East Branch Musquash surface water reservoir, and Menzies Lake which is in the Spruce Lake watershed.



**Figure 3.4-1: Map of Western Watersheds (Musquash and Spruce Lake)**

The Spruce Lake watershed is 20.6 km<sup>2</sup>. The total surface area of the lakes is 5.4 km<sup>2</sup> (26%) and the City owned land surface totals 13.5 km<sup>2</sup> or 66% of the total Spruce Lake Watershed area. The surface area of the lake and the City owned land is 18.90 km<sup>2</sup> or 92% of the Spruce Lake watershed.

### 3.5. Loch Lomond System

During 2022, annual water production for the Loch Lomond system (raw and treated) was 28.2 billion litres, a decrease of 2.1 billion litres over 2021 Loch Lomond water production, which was 30.3 billion litres.

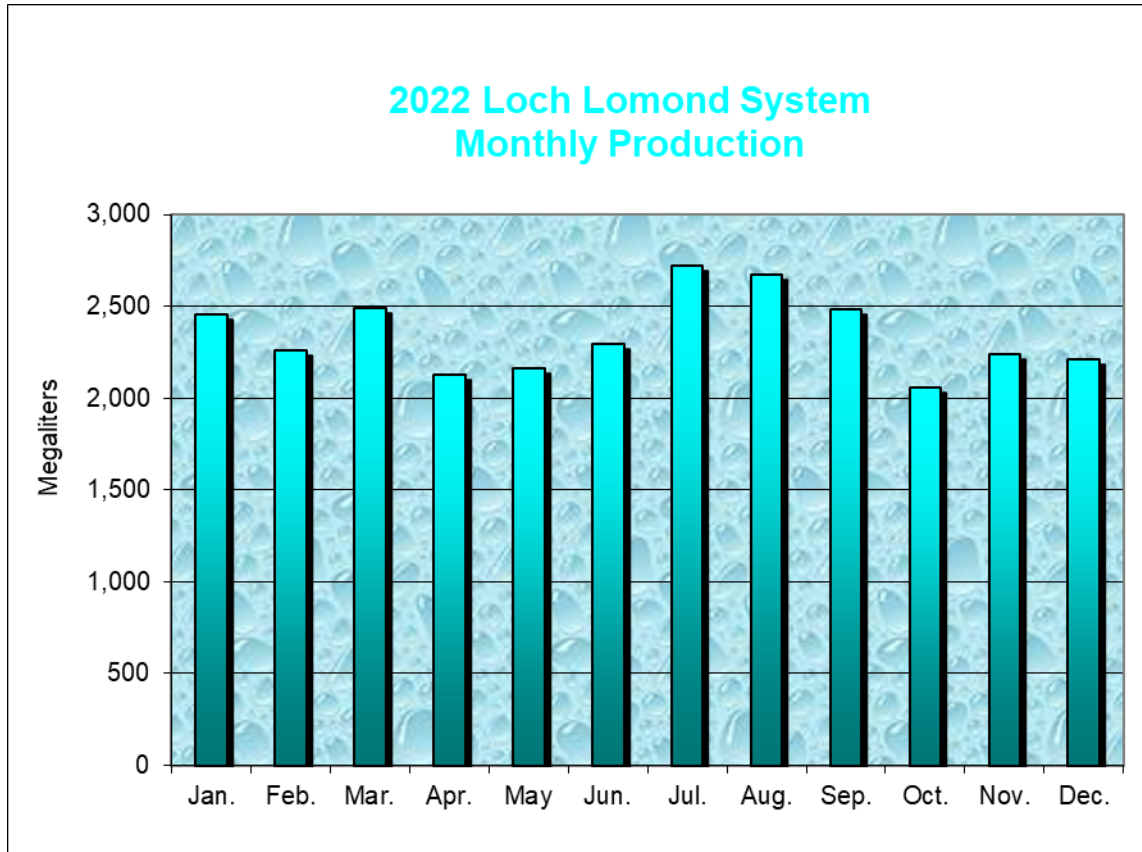
For comparison purposes, Table 3.5-1 shows the total annual water production (raw and treated) for the previous five years.

**Table 3.5-1: 2022 Annual Water Production (raw and treated) – Loch Lomond System**

Year	Production (billion Litres)	Increase/Decrease from Previous Year (billions of Litres)
2022	28.2	-2.1
2021	30.3	+1.4
2020	28.9	+5.1
2019	23.8	-3.7
2018	27.5	-5.8

**Table 3.5-2: Loch Lomond System 2022 Combined-Domestic and Industrial Water Production**

Month	Peak Daily Production (Mega Litres)	Monthly Production (Mega Litres)
January	95.0	2,458.0
February	95.4	2,261.6
March	101.5	2,490.8
April	76.0	2,128.1
May	80.8	2,164.9
June	101.9	2,294.1
July	101.9	2,723.6
August	107.0	2,672.7
September	104.5	2,486.3
October	81.0	2,057.8
November	99.9	2,238.7
December	75.1	2,210.7
<b>TOTAL</b>		<b>28,187.4</b>



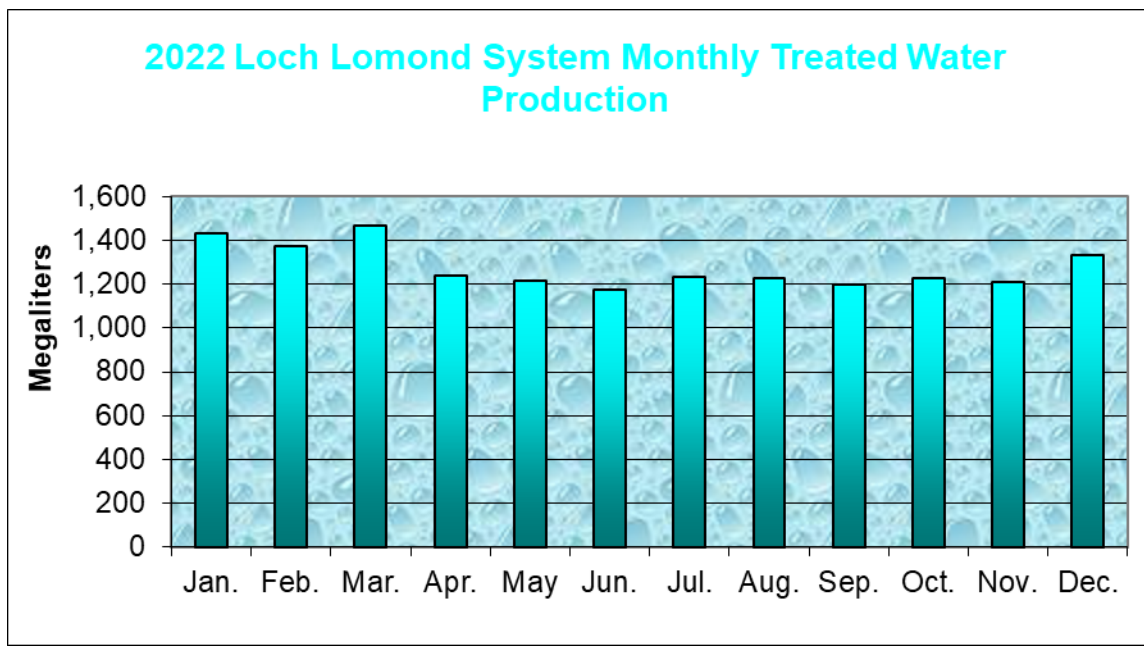
**Figure 3.5-1: 2022 Loch Lomond System Monthly Production**

Annual treated water production for 2022 for the Loch Lomond system was approximately 15.3 billion litres, a decrease of 0.5 billion litres from 2021 water production, which was 15.8 billion litres. In 2022, peak daily treated water production was 59.0 ML an increase from 2021 which was 54.7 ML. Monthly treated water production along with monthly peak daily water production volumes can be found in Table 3.5-3 below.

**Table 3.5-3: Loch Lomond System 2022 Treated Water Production<sup>1</sup>**

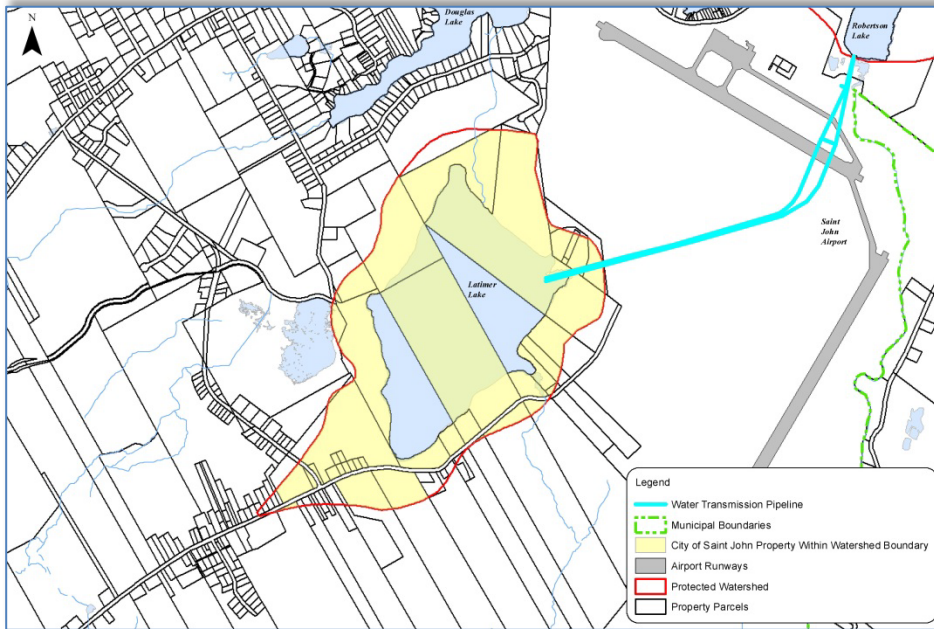
Month	Peak Daily Production (Mega Litres)	Monthly Production (Mega Litres)
January	51.5	1,435.7
February	59.0	1,373.1
March	49.6	1,468.9
April	45.0	1,241.1
May	44.7	1,217.9
June	41.6	1,174.3
July	43.5	1,231.9
August	43.9	1,230.4
September	41.8	1,197.7
October	43.2	1,229.7
November	43.2	1,211.3
December	46.4	1,335.3
<b>TOTAL</b>		<b>15,347.3</b>

<sup>1</sup>(excludes raw water sent to Irving Paper & Irving Oil Refinery)

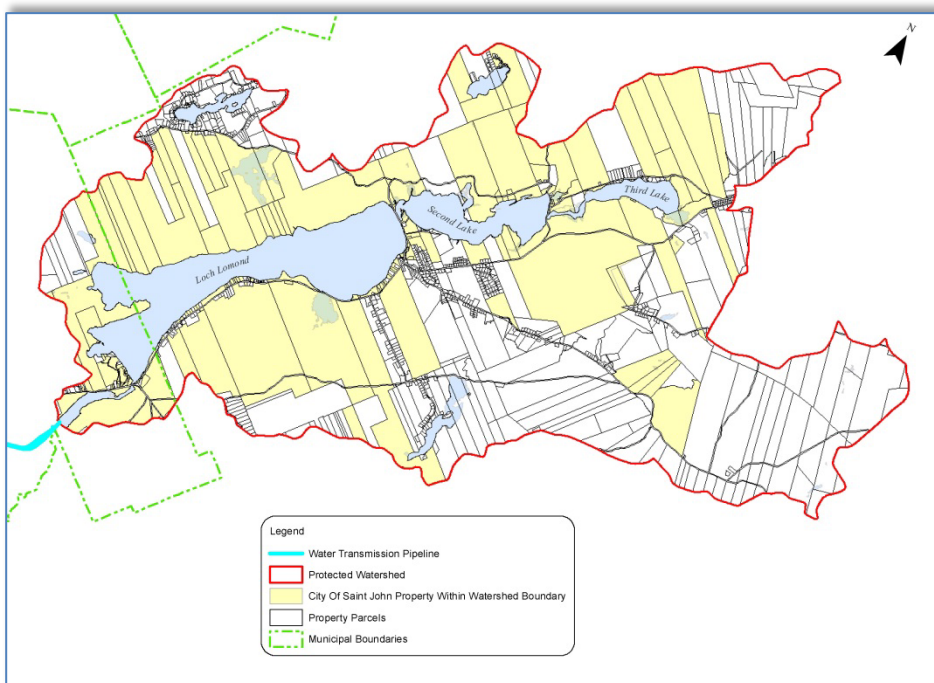


**Figure 3.5-2: 2022 Loch Lomond System Monthly Treated Water Production**

Maps of both the Latimer Lake and Loch Lomond watersheds can be found in Figure 3.5-3 and Figure 3.5-4 respectively.



**Figure 3.5-3: Map of Eastern Watersheds (Latimer)**



**Figure 3.5-4: Map of Eastern Watersheds (Loch Lomond)**



The Latimer Lake watershed is approximately 2 km<sup>2</sup>. The surface area of Latimer Lake is 0.8 km<sup>2</sup> (40%) and the City owned land totals approximately 1 km<sup>2</sup> or 50% of the total Latimer Lake Watershed area. The surface area of the lake and the City owned land is 1.8 km<sup>2</sup> or 90% of the Latimer Lake watershed.

The Loch Lomond watershed is 104 km<sup>2</sup>. The total surface area of the lakes is 13km<sup>2</sup> (12.6%) and the City owned land totals 48 km<sup>2</sup> or 46%.

### 3.6. Harbourview Well System

Saint John Water owns, operates and maintains two (2) well houses in the Red Head area in East Saint John. This ground water system supplies chlorinated well water to about 450 residences in the Harbourview subdivision. The majority of chlorinated well water originates from the Ocean Drive Well house while the Well house on Seaward Crescent provides backup supply. Each well house on its own can supply average daily demand in the system but both wells are required when demand increases significantly as would happen if a water main break occurs.

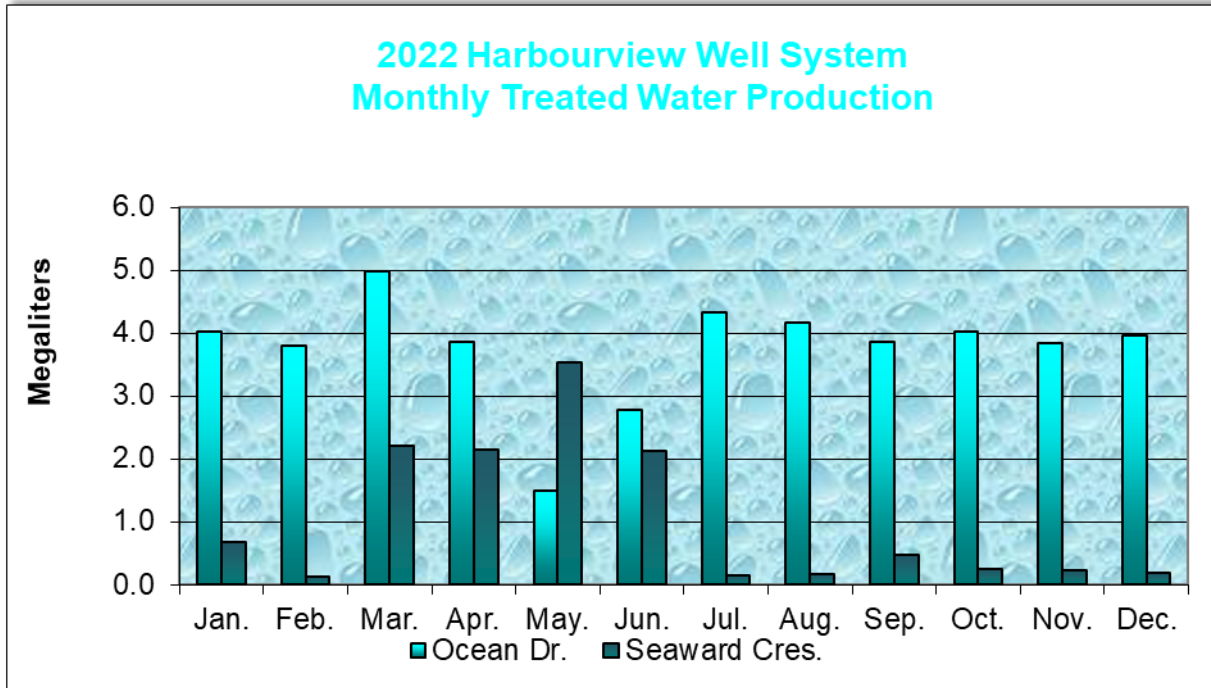
Condition 2 of our Approval to Operate indicates a maximum pumping rate of 7.00L/s (604.8m<sup>3</sup>/d) from the Ocean Drive and Seaward Crescent Wells. Table 3.6-1 below shows the pumping rates for each well in 2022.

**Table 3.6-1: Harbourview Well System 2022 Treated Water Production**

Month	Ocean Drive		Seaward Crescent	
	ML / month	Avg. m <sup>3</sup> /day	ML / month	Avg. m <sup>3</sup> /day
January	4.03	130.1	0.68	21.8
February	3.80	135.6	0.13	4.7
March	4.99	160.9	2.21	71.2
April	3.85	128.5	2.14	71.4
May	1.50	48.2	3.54	114.1
June	2.78	92.8	2.13	71.0
July	4.32	139.3	0.14	4.6
August	4.17	134.4	0.16	5.2
September	3.85	128.3	0.48	16.1
October	4.02	129.7	0.26	8.2
November	3.83	127.7	0.23	7.6
December	3.96	127.7	0.19	6.1
<b>TOTAL</b>	<b>45.10</b>		<b>12.28</b>	

When combining both the Ocean Drive and Seaward Crescent wells, a total volume treated in 2022 was 57.38 ML, which is slightly more than the total in 2021 of 55.51 ML. In comparison, as per our Approval to Operate, each well alone has a maximum equivalent water draw of 604.8m<sup>3</sup>/day (221 ML/year). Combining both wells, only about 25.96% of our maximum allowable withdrawal rate was pumped in 2022.





**Figure 3.6-1: 2022 Harbourview Wells Monthly Treated Water Production**

### 3.7. Chemical Consumption (Bulk)

#### 3.7.1. Chlorine Consumption

The start-up of the new LLDWTF occurred on August 30, 2018, at which time Saint John Water stopped the purchase and addition of chlorine gas at Latimer Lake shortly after the new treatment plant came online. For chemical consumptions at the LLDWTF, Port City Water Services, the company contracted to operate the facility until June 14<sup>th</sup>, 2019, prepared a separate annual report related to the operation and maintenance of the facility as part of their Approval to Operate issued by the NBDELG.



For the South Bay Wellfield groundwater system, 13.7 tonnes of sodium hypochlorite was used for the purposes of disinfection in 2022. The lower chlorine usage for the West system compared to previous years is mainly due to the conversion from surface water to ground water in September 2017. Groundwater has a much lower organic content than surface water supplies and thus has much less chlorine demand. The lower chlorine usage for the West system compared to 2019 is due to the conversion of a large section of the west side neighbourhoods to East drinking water on February 13, 2020.

For comparison purposes, Table 3.7.1-1 illustrates chlorine consumption for the past six years.

**Table 3.7.1-1: Chlorine Consumption by Year**

Year	Loch Lomond System - gaseous Chlorine (tonnes)	South Bay System - Sodium Hypochlorite (tonnes)
2022	0	13.7
2021	0	14.2
2020	0	19.1
2019	0	47.5
2018	99.6	52.9
2017	129.4	133.9

### 3.7.2. Orthophosphate Consumption

In 2018, Saint John Water began treating the water with an orthophosphate solution to both the East and West water systems. Orthophosphates are commonly used in the water treatment industry as a corrosion inhibitor by stabilizing the internal pipe scale. The orthophosphate solution is a NSF 61 certified product which means it has been approved to be used in potable water systems.



Orthophosphate treatment in the East system started in June 2018 at Latimer Lake Water Treatment Facility and continued throughout 2022 at the new Loch Lomond Drinking Water Treatment Facility. As part of the 30-year operating period of the LLDWTF by Port City Water Services, the City is responsible to purchase all orthophosphate which will be used as part of the City’s overall corrosion control program. Furthermore, the City has the right to choose which orthophosphate product to use along with its dosing rate. As a result, the City purchased dry orthophosphate for use at the LLDWTF in 2022.

For comparison purposes, Table 3.7.2-1 illustrates orthophosphate consumption for the past year for both the East and West systems. Also included in Table 3.7.2-1 is the mass of dry Orthophosphate product the City purchased for the LLDWTF.

**Table 3.7.2-1: Orthophosphate Consumption**

Year	Loch Lomond System - Liquid Orthophosphate (Litres)	South Bay System – Liquid Orthophosphate (Litres)	South Bay System – Dry Orthophosphate (kg)	Loch Lomond Drinking Water Treatment Facility (kg)
2022	0	0	1342.7	38,175
2021	0	1,618 L	0	27,936
2020	0	3,160 L	0	34,629
2019	0	7,900	0	29,938

## 4. OPERATIONAL HIGHLIGHTS

### 4.1. Watersheds

Saint John Water manages its drinking water service based on the Multi-Barrier Approach from the water source to the user’s tap. Drinking water quality must be assured through a series of protective barriers. Source water (watershed) protection is the first barrier. To aid in this, the Loch Lomond watershed is protected under the Province of New Brunswick’s Watershed Protection Area Designation Order and while Spruce Lake is not a drinking watershed it is an important strategic asset that needs to remain protected indefinitely. This order places various restrictions on the types of activities allowed on either the watercourse or surrounding land. In general, it is much less expensive to prevent negative impacts to watersheds than site remediation after an incident has occurred.



In 2022, like previous years, we received various public concerns from property owners around the Loch Lomond watershed related to misuse and illegal dumping within the protected watershed. Operational staff increased surveillance in these areas and in some cases erected signs and barriers in the affected areas in an attempt to curtail these activities. Staff also removed several truckloads of garbage from these sites.

### 4.2. Water Treatment

Water treatment and quality has improved dramatically for all utility customers as a result of the significant investment the City has made with the Safe Clean Drinking Water project. Port City Water Services operate the Loch Lomond Drinking Water Treatment Facility (LLDWTF) under its own separate approval to operate therefore their annual report is a separate stand alone

document. This annual report is also available on the City of Saint John website for public viewing.

### **4.3. Water Storage**

The City operates and maintains seven (7) water storage reservoirs (tanks) throughout the City. Saint John Water hired a contractor to complete a complete interior and exterior “ROV” Tank inspection and cathodic protection testing of the Spruce Lake Tank on November 3<sup>rd</sup>, 2021. A copy of this report was submitted to Department of Environment & Local Government. Saint John Water is working with a consultant to develop designs to rehabilitate the water storage reservoirs.

### **4.4. Water Quality**

#### **4.4.1. Boil Water Orders and Advisories**

Depending on the public risk and the type of water quality issue, a Boil Water Order can be issued by the Department of Health (DOH). Only the Chief Medical Officer of Health can issue and rescind a Boil Water Order and these orders are issued through Mayor and Council (Approval Holder). The DOH can also advise a municipality to issue a self-imposed Boil Water Advisory. These advisories are issued by the water utility in consultation with the DOH and the steps to rescind an Advisory are the same as done with a Boil Water Order.

In 2022, there were 43 Boil Water Orders issued. Below is a summary of all issued Boil Water Orders/Advisories:

- January 12, 2022:
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 40 – 59 Sherwood Drive
  - Rescinded on January 18, 2022
- February 4, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 5 – 46 Milford Road 5 – 22 Francis Street
  - Rescinded on February 10, 2022
- March 1, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 880 – 953 McCavour Drive
  - Rescinded on March 8, 2022
- April 4, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 48, 51, 53, 66, 68, 70, 86, 88, 90, 91, 98, 110, 118, 124, 128 Millidge Avenue 40 Stephenson Tower Drive 50 Charlton Place



- Rescinded on April 88, 2022
- April 6, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 146, 148, 150, 152, 154, 154 ½, 156, 158, 162, 170, 201, 203, 205, 207, 209, 211, 213, 215, 239 Charlotte St
  - Rescinded on April 11, 2022
- April 12, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 476 – 490 Lancaster Ave 485 Duke Street West
  - Rescinded on April 15 2022
- April 24, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 400 Main Street North ( Holiday Inn Express & Suites ) ( Multi-Unit ) 30 Chesley Drive
  - Rescinded on April 27, 2022
- April 29, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: Wentworth Street (#21, 29, 38, 40, 56, 60, 70, 81) King Street East (#111,123,131,139,145,149,151,155,159,163,167,169, 175,177,191, 192) Leinster Street (#91, 92, 95)
  - Rescinded on May 4, 2022
- May 2, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: King Street East 196, 198, 204, 206, 208, 210, 214, 216, 218, 220, 232, 234 Wentworth Street 82, 90, 91, 96, 98, 99 Leinster Street 90,92,95
  - Rescinded on May 6, 2022
- May 2, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: Princess Street 252-282, 293 Pitt Street 101-103
  - Rescinded on May 6, 2022
- May 4, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: King Street East 154, 156, 158, 160, 162, 166, 168, 170, 170½, 172, 174 176, 178, 180, 182, 182½, 186, 190, 190B Carmarthen Street 58
  - Rescinded on May 11, 2022
- May 7, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 1414-1720 Hickey Road (Park Place Apartments) 301 Heather Way (Building #1, Building #2, Building #3) Jillian Court Shillington Road High Drive Cresthill Street Eastwood Drive East Street Sunnybrook Terrace Caroline Court Laurie Court Eagle Boulevard Dawn Place Eveleigh



Court Morning Side Court Falcon Crescent Boyaner Crescent Wyatt Crescent  
Bermuda Court Oakhill Crescent Hollybrook Court Kappa Avenue Sigma  
Street Lamda Avenue Omega Drive

- Rescinded on May 11, 2022
- May 12, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 1-12 Foulis Ct.
  - Rescinded on May 17, 2022
- May 31, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 42, 55, 66, 70, 72, 91, 90, 92, 95, 96, 100, 101, 103, 104, 105, 107, 112, 114, 115, 117, 119, 127, 129, 131, 133, 135, 137 Leinster Street.
  - Rescinded on June 3, 2022
- May 31, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 2, 33, 55, 65 Smythe Street
  - Rescinded on June 3, 2022
- June 1, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 82, 90, 95, 96, 98, 99, Wentworth Street 98, 100 Carmarthen Street 206, 207, 210, 212, 215, 217, 218, 219, 223, 225, 226, 230, 231, 234, 236, 238, 239, 240, 246 Princess Street
  - Rescinded on June 6, 2022
- June 4, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 135, 139, 153, 153 ½, 163, 171, 181, 185, 193 Riverview Drive
  - Rescinded on June 8, 2022
- June 4, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 87, 88, 97, 103, 105, 111, 113, 114, 115, 118, 120, 121, 132, 133, 134, 137 Winslow Street
  - Rescinded on June 8, 2022
- June 14, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 49 – 122 Orange Street 122 Carmarthen Street 118 &131 Wentworth Street
  - Rescinded on June 17, 2022
- June 15, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: Arlington Crescent





- Rescinded on June 20, 2022
- July 4, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: Mecklenburg Street: 110, 112, 114, 116, 118, 120, 122, 124, 126 and 83, 85, 95, 97, 101A, 101B, 103A, 103B, 105, 107, 111, 113, 115, 119 Wentworth Street: 152, 154 Pitt Street: 169, 171
  - Rescinded on July 7, 2022
- July 7, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: CROWN STREET 349, 351, 375, 437, 439, 441 DUKE STREET 305, 334 QUEEN STREET 245
  - Rescinded on July 13, 2022
- July 20, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 407 – 418 Chesley Drive 11-15 Merritt St. 30 Summertime Drive
  - Rescinded on July 26, 2022
- July 28, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 87 – 135 Riverview Drive
  - Rescinded on August 4, 2022
- July 29, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 207-241 Winslow St 188 Watson St
  - Rescinded on August 4, 2022
- August 15, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 31– 56 Canterbury St.
  - Rescinded on August 18, 2022
- August 15, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 126 Mecklenburg Street 175, 177, 179, 181 Pitt Street
  - Rescinded on August 18, 2022
- August 16, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 288, 290, 292 Duke Street 159,162, 166, 169 Pitt Street
  - Rescinded on August 22, 2022
- August 16, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 2, 4, 6, 13, 14 Wellesley Av
  - Rescinded on August 22, 2022
- September 8, 2022



- Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 12 – 71 Parks Street Extension 116, 144 Parks St
  - Rescinded on September 14, 2022
- September 14, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 459, 520 – 720 Grandview Ave
  - Rescinded on September 20, 2022
- September 26, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 422, 491, 501, 511, 516 Bay Street
  - Rescinded on September 29, 2022
- September 26, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 639, 641 - 791 Manawagonish Rd 14 Catherwood St
  - Rescinded on September 29, 2022
- October 2, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 114 – 155 Glen Rd 2-43 MacKay St
  - Rescinded on October 5, 2022
- October 3, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 137 – 215 Kennebecasis Drive 4-5 Grove Ave
  - Rescinded on October 6, 2022
- October 6, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 305 & 313 Germain Street 41, 43, 55, 57, 78, 80, 82 Ross Street 70 St-James Street 210 Canterbury Street 7, 9 & 15 Lower Cove Loop
  - Rescinded on October 13, 2022
- October 18, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 87 and 95 Lansdowne Avenue
  - Rescinded on October 21, 2022
- October 22, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 52-92 Durham Street (C.E. Nick Nicolle Community Centre) 157 Metcalf Street (Smart Choice Variety) 140, 142, 179a, 179b & 185 Victoria Street
  - Rescinded on October 26, 2022
- October 31, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 10 Market Square (Barbour’s General Store) 2 - 44 Water Street

- Rescinded on November 4, 2022
- November 3, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 108 – 148 Todd Street 80 – 124 Rayland Street
  - Rescinded on November 9, 2022
- November 26, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 319 Union Street ( Prince Charles School )
  - Rescinded on November 28, 2022
- November 28, 2022
  - Boil Water Order issued as a result of infrastructure improvements
  - Affected Customers: 289 Union Street ( Prince Edward Square Mall )
  - Rescinded on December 2, 2022
- December 7, 2022
  - Boil Water Order issued as a result of infrastructure failure
  - Affected Customers: 42, 59, 61 Morley Cres
  - Rescinded on December 12, 2022

Copies of the above noted Boil Water Orders and rescind notices are included in Appendix N – Public Communication.

#### **4.4.2. Unidirectional Flushing Program**

Saint John Water conducts an annual unidirectional flushing (UDF) program. The main purpose of flushing is to clean the distribution pipes ( $\leq 300\text{mm}$ ) in the water distribution system by expelling sediment, grit, and particles as the result of corrosion in iron pipes. It also pulls fresh water through areas where low flows can lead to insufficient chlorine residuals. Some segments of pipe cannot be flushed due to the system configuration or lack of a hydrant, thus making it difficult to deal with the problems above. While it is important to strive to reduce the amount of water flushed, Saint John Water operates and manages the water system with public health, safety and quality of drinking water as its foremost priorities.

The flushing time to achieve the water turbidity targets during the Unidirectional flushing program has decreased with the completion of the Safe Clean Drinking Water Project. As a result of these decreased flushing times, staff are of the opinion it is appropriate to flush the entire water distribution system on a two-year cycle compared to every year before the Safe Clean Drinking Water Project completion. With the approval of the Department of Environment, in 2019, and 2021, unidirectional flushing was completed east of Reversing Falls; in 2020, and 2022, unidirectional flushing was completed in all areas west of Reversing falls.

During the execution of the 2022 UDF program, 6.05 million US gal were evacuated from the water distribution network. The total water volume used was similar to the 6.257 million US gal used during the previous flushing of the West system in (2020).

Saint John Water started unidirectional flushing with a pilot project in 2005. The intention was to grow it into a system wide program; thus adopting the method as the standard for routine pipe cleaning. UDF controls the flow of water by strategically closing valves, thereby increasing flushing velocities and controlling water disturbances in the immediate area. By starting at the source of water, the science based sequences step through the vast network of pipes, pulling fresh water along the way to the extremities of the system.



Saint John Water has engaged the services of Aqua Data Atlantic since 2005 to build and execute the model.

Table 4.4.2-1 below illustrates the progression of the Unidirectional Flushing Program since 2010.

**Table 4.4.2-1: Unidirectional Flushing Program by Year**

Description	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Number of sequences</b>	1,015	1,170	1,134	1,130	1,188	568	1,145	737	733	389	756	384
<b>Total length of pipe (km)</b>	422	468	469	461	464	182.4	466	339	359	150	359	151
<b>Length of pipe flushed (km)</b>	255	303	299	295	304	129.5	292	204	200	103	211	103
<b>Total number of fire hydrants</b>	1,863	2,145	2,161	2,210	2,311	953	2,314	1,427	1,438	632	1,441	656
<b>Number of fire hydrants used</b>	657	768	734	733	771	346	738	468	476	253	490	251
<b>Total number of valves</b>	4,076	4,556	4,584	4,623	4,633	1,996	4,658	3,374	3,380	1,310	3,403	1,310
<b>Number of valves used</b>	1,141	1,260	1,273	1,249	1,262	673	1,242	812	778	404	782	399

*Note: The decline in sequences for 2016, 2018, 2019 and 2020 can be attributed to the fact that the full UDF program was not completed due to water conservation policy implemented in 2016, 2018, 2019 and 2020.*

The UDF sequences for Saint John were performed between June 27<sup>th</sup> and July 27<sup>th</sup>, 2022. During the execution of the program, sequence changes can occur due to construction or other maintenance programs dedicated to the water distribution system. In these instances, relocation to a different area of the city occurs and often they then return to finish the zone. The following information highlights the results of this year’s unidirectional flushing program:

- Total number of sequences 384
- Total length of pipes flushed 103.2 km



- Total number of fire hydrants utilized 251
- Total number of valves operated 399
- Total water volume used 11,836,000 US Gallons
- Average velocity per sequence 5.7 ft/second

Given the age and condition of some sections of our infrastructure the targeted turbidity is less than or equal to 3.0 Nephelometric Turbidity Units (NTU). Out of the 384 sequences that were executed in 2022, 100% achieved a final turbidity below 3.0 NTU. The average initial turbidity reading prior to flushing was 77.2 NTU; the average final turbidity reading directly following flushing was 1.47 NTU. The sequences that could be completed in 2022 were very effective (100%) in reducing the turbidity below the target of 3.0 NTU’s.

**Table 4.4.2-2: Unidirectional Flushing Program by Zone**

Zone / Sector	Average NTU	Sequences	Max final NTU	Min final NTU	Over 3 NTU	Percent of Sequences Over 3 NTU
Lower West	1.93	140	1.95	0.83	0	0%
Sand Cove	1.17	138	2.96	0.75	0	0%
West	1.39	106	2.81	0.87	0	0%
Lakewood	NA	NA	NA	NA	NA	NA
Cottage Hill	NA	NA	NA	NA	NA	NA
Glen Falls/Drury Cove	NA	NA	NA	NA	NA	NA
East Gravity	NA	NA	NA	NA	NA	NA
City Central	NA	NA	NA	NA	NA	NA
North End	NA	NA	NA	NA	NA	NA
Rockwood	NA	NA	NA	NA	NA	NA
Millidgeville	NA	NA	NA	NA	NA	NA
Distribution System Results	1.47	384	2.96	0.75	0	0%



### 4.4.3. Continuous Flushing Program

After the commissioning of the Loch Lomond Water Treatment Facility in 2018 as well as the South Bay Well Field in 2017, there has been no requirement for a continuous water quality flushing program and all permanent flushing's have been turned off and/or removed. Saint John Water is still monitoring these locations to ensure no quality issues arise and to determine if intermittent flushing activities are required.



### 4.5. Backflow Prevention and Cross-Connection Control

A “cross-connection” is defined as an actual or potential connection between a potable water system and any source of pollution or contamination. Eliminating the connection is the safest method to pursue; otherwise a backflow prevention device is used to protect water systems from non-potable connections, for example: water boilers, sprinkler systems, commercial and industrial equipment.

As of December 31<sup>st</sup> 2022 there were 3892 testable backflow prevention devices registered in the City of Saint John testable backflow preventer database. This information is maintained through the city's Plumbing Inspector.



In order to protect the water distribution system from a cross-connection, premise isolation devices are the main focus of Saint John Water. In conjunction with staff from Infrastructure Development the installation of premise isolation devices are stipulated in any approval of new industrial, commercial, and institutional services.

As of December 31<sup>st</sup>, 2022 Saint John Water reported that 2957 or 76% of the registered backflow preventers were in

compliance, up from 32% the previous year. The compliance percentage has continued to increase since losing our data from the Cyber attack in 2020 and having to rebuild the isolation device database. Saint John Water will be developing a Cross-Connection Control and Backflow Prevention By-Law that will requires public consultation and approval by Common Council.



### 4.5.1. Cross-Connection Control Program

Condition 34 of the Approval to Operate requires that mitigation/elimination measures for all sources of cross-connections between potable water and sewer systems be undertaken in a timely fashion. In 2006 Saint John Water identified a total of 115 cross-connections and a comprehensive document complete with sketches were submitted to the Department of Environment and Local Government in 2007.

The cross-connection removal capital program began in 2008 and continued each year until 2013 when all known cross-connections were removed.



Since 2013 there were no further capital projects for cross connection removal. It is important to note that while the project for cross connection removal is complete, if cross connections are identified in the future, Saint John Water will schedule the work and remove these cross connections.

## 4.6. Water Distribution

In 2022, Saint John Water Staff responded to 45 watermain breaks or leaks, 2 less than 2021. The mains ranged in size from 100mm to 300 mm in diameter.

In 2022, Saint John Water did not experience any large transmission main failures. This was a direct result of the new installations as well as the rehabilitated portions of the transmission main system that were completed in the Safe Clean Drinking Water Project

The list of water main breaks found in Appendix K does not include water service leaks repaired in 2022.

### 4.6.1. Water Modelling

In 2008 Saint John Water purchased WaterGems water modeling software. The uses for the water model include verification of new watermain sizing as well as numerous water system simulations. Regular annual updates and verifications were carried out in the city's water model in 2022 which included the addition of new pipes and verification of existing information. In total, thirty-five (35) water modeling projects were carried out using this software all dealing with pressure, watermain sizing, flow direction, water age, and fire flow analysis.



## 5. CAPITAL WATER SYSTEM IMPROVEMENTS

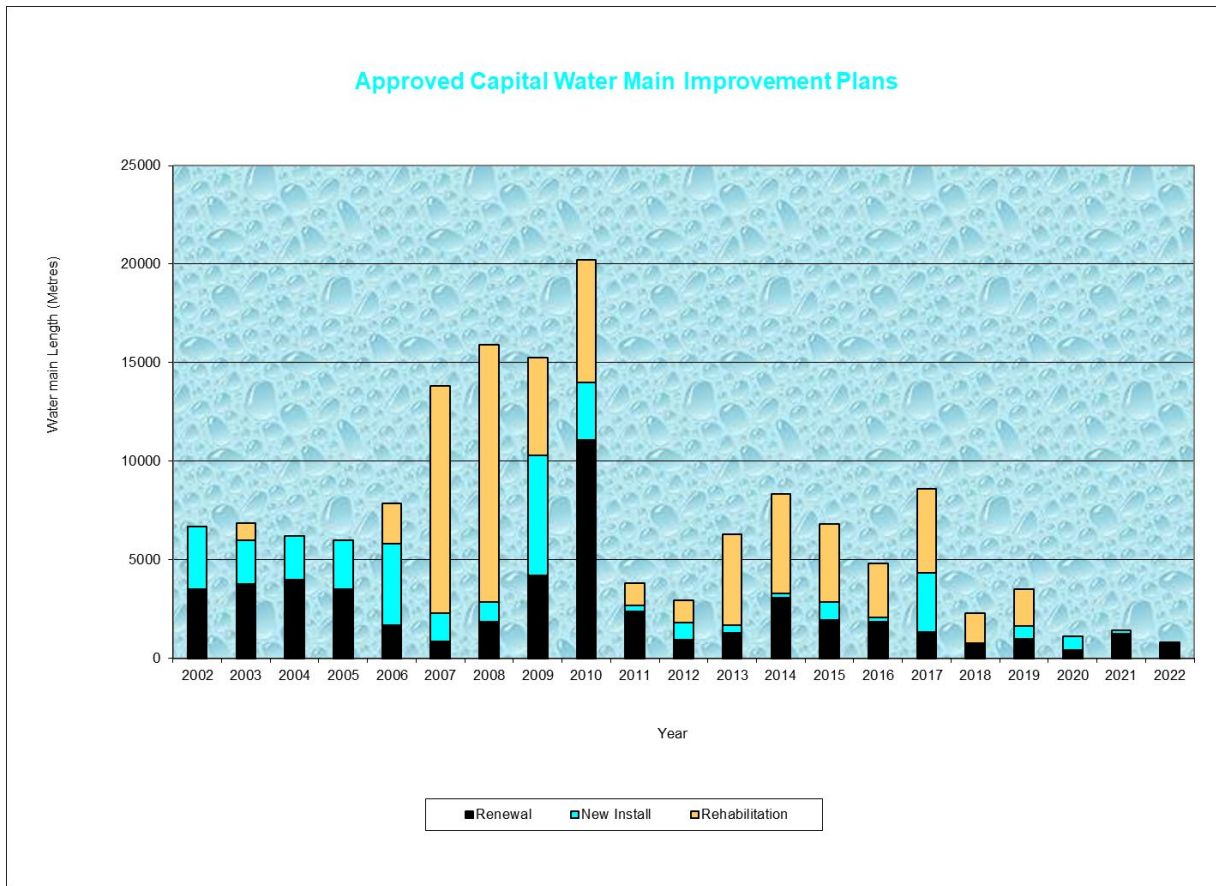
During 2022, Saint John Water completed a total of 3 potable water related capital projects. Two (2) projects focused on the renewal, and installation of new watermains. The final potable water project involved the installation of large commercial water meters.

One (1) project related to the Industrial Water West service focused on the renewal of the Coleson Cove raw water transmission main.

In 2022, the capital funding to potable water related categories which are made up of infrastructure renewal - water, totalled approximately \$2.5 million. The breakdown of the capital funding is presented in a pie chart on the first page in Appendix H, 18.3 % Infrastructure Renewal Water, 22.1% Industrial Water Renewal – West.

Appendix H provides a detailed listing of the projects that were included in the 2022 Water and Sewerage Utility Fund Capital Program approved by Common Council. The projects on the approved plan were not all completed in 2022. Several of the projects are being constructed in 2023.

As shown in Figure 5-1, significant infrastructure investments have been made since 2002 with a significant investment reduction in 2011 and 2012 due to a focus on Wastewater Treatment projects related to the Harbour Cleanup initiative. The 2017 and 2018 capital programs involve major investments in water infrastructure due to the Safe Clean Drinking Water Project while 2022 capital investments mostly focused on water infrastructure renewal, an important focus of the Utility as it moves forward.



**Figure 5-1: Approved Capital Water Main Improvement Plans**

## 6. OPERATOR TRAINING & CERTIFICATION

Saint John Water continues to make advances in the operation and maintenance of our water and wastewater systems and the pivotal role they play in providing for the protection of public health and the delivery of a vital service.

Employees have continued to make progress in 2022, working towards meeting specific training and certification requirements as required within the Approvals to Operate. It is recognized that training is integral to improving the quality, efficiency and effectiveness of water and wastewater services.

A number of formal training courses were offered to staff during 2022. Some of these courses provide employees with CEUs (Continuing Education Units) and contribute to an environment of continuous learning. While ongoing CEU requirements are not necessary according to the Approval to Operate, Saint John Water strongly believes in improved competencies and skills through continuous learning. A comprehensive summary of all Saint John Water staff who completed various training courses in 2022 can be found in Appendix L.



As summarized in Table 6-1 below, in 2022 three (3) members of the Saint John Water team challenged and achieved the Water Distribution Class I certification and Water Treatment Class I.

**Table 6-1: Certifications Achieved in 2022**

Name	WT <sup>1</sup> Class I	WT Class II	WT Class III	WT Class IV	WD <sup>2</sup> Class I	WD Class II	WD Class III	WD Class IV
Karie Rodgers					•			
Michelle Williston					•			
Pierre Leblanc	•							

<sup>1</sup> WT = Water Treatment, <sup>2</sup> WD = Water Distribution

### 6.1. Operator Training – Water Treatment

**Condition 17 (Approval to Operate W-2079)**

*The Approval Holder shall ensure that all water treatment Operators complete the New Brunswick Community College Treatment Operation Fundamentals Program, the California State University Treatment Plant Operation (Volumes I and II) course, or an equivalent, as approved by the Director, in accordance with Water Quality Regulation 82-126, section 19.*

Mr. Pierre Leblanc, P.Eng., Operations Manager, Water Resources and Quality, is the overarching operator with direct responsible charge for water treatment facilities in 2022.

As identified below, both water treatment operators have completed the NBCC Water Treatment Operations Fundamentals Program.

**Rodrigue Comeau**

*Water Quality & Treatment Fundamentals – Completed*

**Kevin Ayles**

*Water Quality & Treatment Fundamentals – Completed*

In summary, all water treatment Operators meet Condition 17 of the Approval to Operate Approval to Operate W-2079.



## 6.2. Operator Certification – Water Treatment

### Condition 18 / Condition 19 (Approval to Operate W-2079)

The Approval Holder shall ensure that the certification level of the Operator in Charge is at least equivalent to the classification of the Water Treatment Facilities.

The Approval Holder shall employ, as a minimum, the following Certified Operator(s) based on the Class of the Water Treatment facilities listed on the Certificate page of this Approval.

Water Treatment Class	Water Treatment (WT) Certified Operator(s)
I	Minimum one Class I
II	Minimum two; one Class II and one Class I
III	Minimum two; one Class III and one Class II
IV	Minimum two; one Class IV and one Class III

Through previous discussions with the regulator (DOE), it was clarified that the operator with direct responsible charge of the overall water treatment system is the Operations Manager and who should be certified to Class II water treatment.

With respect to certification requirements, as noted in **Table 6.2-1** below, in each instance the certification level of the operator is equivalent to the system classification. Saint John Water is therefore in compliance with Conditions 18 and 19(Approval to Operate W-2079).

**Table 6.2-1: Water Treatment Operator Certification**

Operator Name	Position	Operator Certification Level
Pierre Leblanc, P.Eng.	Operations Manager	Water Treatment Level I Completing Level II is 2023.
Rodrigue Comeau	Operator	Water Treatment Level II
Kevin Ayles	Operator	Water Treatment Level II
Ed Crowley	Designate Operator	Water Treatment Level II
Joey St. Coeur	Designate Operator	Water Treatment Level II



### 6.3. Operator Training - Water Distribution

#### ***Condition 14 (Approval to Operate W-2079)***

*The Approval Holder shall ensure that all water distribution system Operators complete the New Brunswick Community College Water Distribution Fundamentals Program, the California State University Water Distribution System Operation and Maintenance course, or an equivalent, as approved by the Director, in accordance with Water Quality Regulation 82-126, section 19.*

In 2019, Mr. Jason Leclerc, P.Eng achieved his Level IV certification and was the Operations Manager with direct responsible charge for the water distribution system.

Mr. Michael Gray, P.Eng., Operations Manager - had direct responsibility for backflow prevention (premise isolation). He also oversees the implementation and completion of the annual Unidirectional Flushing Program.

Mr. Pierre Leblanc, P.Eng had direct responsibility for water quality at the treatment facilities, storage tanks and pump stations as well as sampling throughout the distribution system.

As identified below, all water distribution system operators have completed the NBCC Water Distribution Fundamentals Program and three have completed the Level III Water Distribution ACWWA Course.

**Scott Maxwell - has completed the fundamentals training**

**Peter Fudge– has completed the fundamentals training**

*Water Distribution Level III ACWWA Course – Completed spring 2013*

**Steve Anderson– has completed the fundamentals training**

*Water Distribution Level III ACWWA Course – Completed spring 2013*

**Mark McKenzie – has completed the fundamentals training**

*Water Distribution Level III ACWWA Course – Completed spring 2013*

**Patrick Mackin – has completed the fundamentals training**

In summary, all distribution system operators meet Condition 14 of the Approval to Operate (*Approval to Operate W-2079*).





### 6.4. Operator Certification - Water Distribution

**Condition 15 / Condition 16 (Approval to Operate W-2079).**

*The Approval Holder shall ensure that the certification level of the Operator in Charge is at least equivalent to the classification of the water distribution facility.*

*The Approval Holder shall employ, as a minimum, the following Certified Operator(s) based on the Class of the water distribution system listed on the Certificate page of this Approval.*

<i>Water Distribution Class</i>	<i>Water Distribution (WD) Certified Operator(s)</i>
<i>I</i>	<i>Minimum one Class I</i>
<i>II</i>	<i>Minimum two; one Class II and one Class I</i>
<i>III</i>	<i>Minimum two; one Class III and one Class II</i>
<i>IV</i>	<i>Minimum two; one Class IV and one Class III</i>

Through discussions with the DOE Drinking Water Approvals Engineer in 2008, it was clarified that the Operations Manager responsible for the water distribution system shall be the operator with direct responsible charge of the overall water distribution system and the individual who should be certified to Class IV water distribution. Note the operational classification of the water distribution system was lowered in 2017 as a result of the physical separation of the east and west water distribution systems. This change is identified on the first page of the Approval to Operate W-1510. The Water system was returned to Class IV classification in the latest Approval to Operate W-2079.

Saint John Water employees that have attained Class I, II, III and IV certifications in water distribution can be found in **Table 6.4-1**. Saint John Water is in compliance with Conditions 15 and 16.

**Table 6.4-1: Water Distribution Operator Certification**

<b>Operator Name</b>	<b>Position</b>	<b>Operator Certification Level</b>
Jason Leclerc	Operation Manager	Water Distribution IV
Grant Harrigan	Superintendent	Water Distribution IV
Pierre Leblanc	Operation Manager	Water Distribution IV
Michael Gray	Operation Manager	Water Distribution I
Mark McKenzie	Operator	Water Distribution II
Scott Maxwell	Operator	Water Distribution II
Peter Fudge	Operator	Water Distribution III
Steven Anderson	Operator	Water Distribution III
Patrick Mackin	Operator	Water Distribution II



Tyler Armstrong	Designate Operator	Water Distribution I
Michael Ballard	Designate Operator	Water Distribution II
Christopher Crowley	Designate Operator	Water Distribution III
Harold Eatmon	Designate Operator	Water Distribution I
Daniel Stone	Designate Operator	Water Distribution I
Randy Benson	Designate Operator	Water Distribution II

## 7. HUMAN RESOURCES

### 7.1. Responsible Staff

**Table 7.1-1: Saint John Water Responsible Staff**

John Collin City Manager - City of Saint John	J. Brent McGovern, P.Eng. Commissioner – Utilities and Infrastructure (including Saint John Water)
Kendall Mason, MBA, P.Eng., PMP Director - Saint John Water	Mike Baker, P.Eng. Director Engineering - Municipal Engineering
Jason Leclerc, P.Eng. Operations Manager – Saint John Water	Pierre LeBlanc, P.Eng. Operations Manager – Saint John Water
Jordan Moran, P.Eng. Operations Manager – Saint John Water	Mike Gray, P.Eng. Operations Manager – Saint John Water
Grant Harrigan, B.Tech Superintendent – Saint John Water	Peter Fudge Certified Operator III - Water & Sanitary Systems
Steve Anderson Certified Operator III - Water & Sanitary Systems	Mark McKenzie Certified Operator II - Water & Sanitary Systems
Patrick Mackin Certified Operator II - Water & Sanitary Systems	Scott Maxwell Certified Operator I - Water & Sanitary Systems
Rod Comeau Certified Operator II - Water Treatment	Kevin Ayles Certified Operator II - Water Treatment

### 7.2. New Hires

During 2022, the City of Saint John hired David MacIsaac., with the Instrumentation Division, Saint John Water.

### 7.3. Staffing Changes

In 2022 there were four Saint John Water staffing changes. These staffing changes are summarized in Table 7.3-1 below.

**Table 7.3-1: Saint John Water Staffing Changes**

Name	Status
Tanner McDevitt	Resigned from the City of Saint John
Adam O'Donnell	Resigned from the City of Saint John
Liam Fox	Resigned from the City of Saint John
David MacIsaac	Hired City of Saint John (Saint John Water)

## 8. PUBLIC INFORMATION

### 8.1. Communications

During the 2022 capital construction season bilingual communication were regularly provided to citizens by means of weekly construction updates, an example of which can be seen in Appendix M. Construction information, compiled by staff in Engineering, was shared with the public using the City of Saint John website, news releases carried in the local newspaper and by email to large distribution groups. These regular updates provide citizens with information relating to the limits of work, project start date, work to be accomplished, traffic impacts where applicable, and projected end date.

In addition to regular weekly update notices there was also information regularly sent out during the summer season with respect to watermain flushing. This information is advertised regularly on the City of Saint John website where the flushing is being carried out, noting that there may be some discolouration of water and providing a contact number for further information.

Further to the regular public information, there are also instances where media releases or special communications are required from time to time. An example of special communications was during the boil water orders of 2022; see Appendix N for notices issued. Appendix O provides some examples of Saint John Water media coverage in 2022.



## 8.2. Customer Service

Among the hundreds of customer requests/inquiries received during 2022, approximately 104 were related to low pressure concerns and 33 water quality that were received through Customer Service. Each of the requests were logged as the call was received; included in Appendix P are the list of requests with a brief description detailing the reason for the job order and any comments relating to the issue or water quality.

Water quality service calls were referred to the Saint John Water Environmental Laboratory. In total, the Saint John Water Laboratory responded to 33 water quality concerns as can be seen on each of the Customer Action Forms enclosed in Appendix P. The form records the results of each customer analyses and the corrective action undertaken in each instance. In some instances, as a follow up, several site visits to a single customer was warranted and with each of these revisits a separate Customer Action Form would have been generated. In total, the Saint John Water Environmental Laboratory collected and analyzed 41 water samples related to customer inquiries.

## 8.3. Commitment

The Saint John public water system was first established in 1837; the first public water system in Canada.

Saint John Water is committed to service excellence and seeks to continuously improve its operations to meet the diverse needs of its customers. While Saint John Water has invested significantly in its infrastructure challenges there remains a lot of linear infrastructure that will need to be renewed in the years ahead.

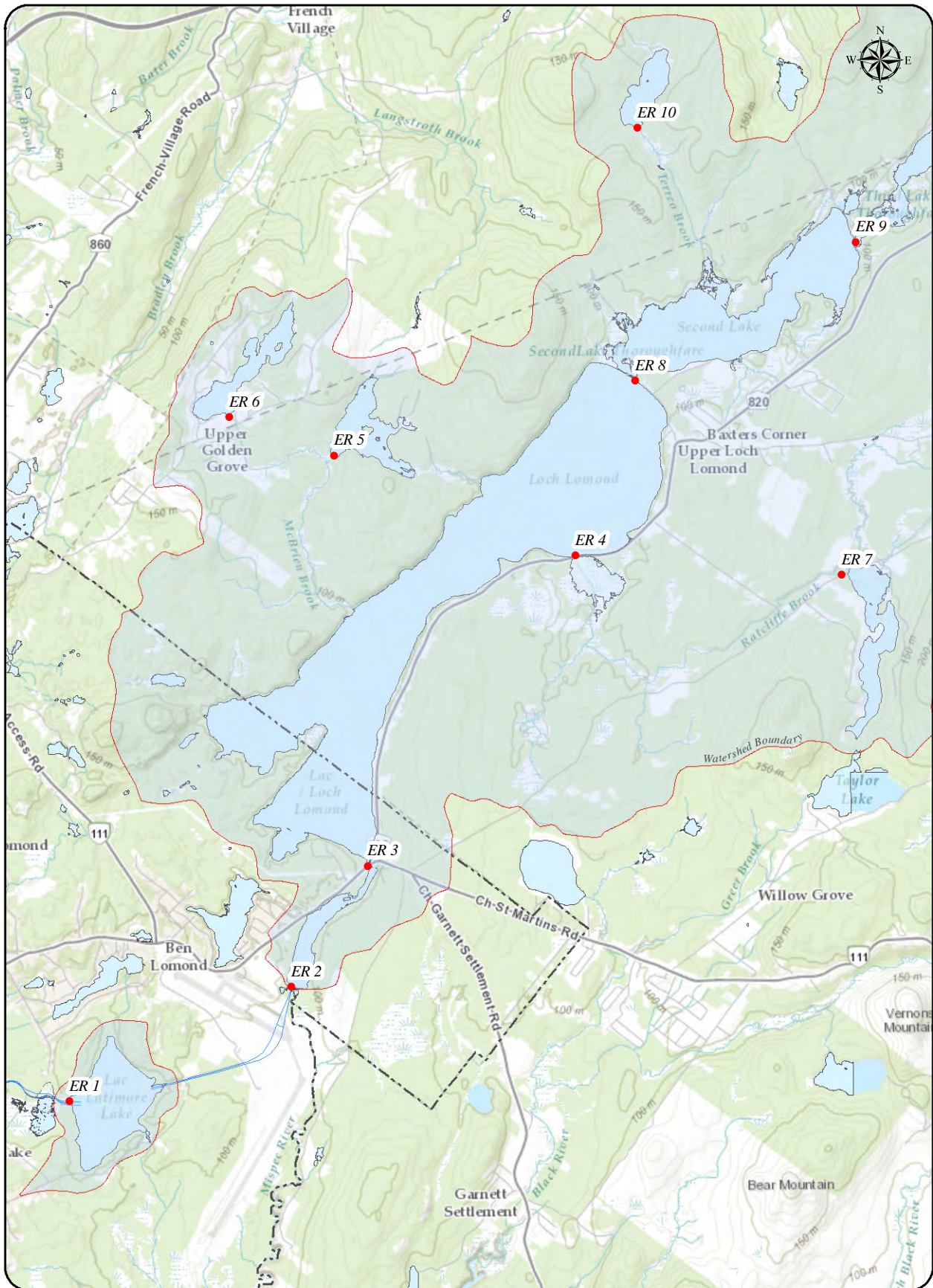
The Safe, Clean Drinking Water Project constructed the Loch Lomond Drinking Water Treatment Facility along with three large water storage tanks which were commissioned on August 30, 2018. The completion of the Safe, Clean Drinking Water Project in 2019 added significant barriers or systems of protection to ensure that safe, clean drinking water is delivered to customers.



## Appendix A

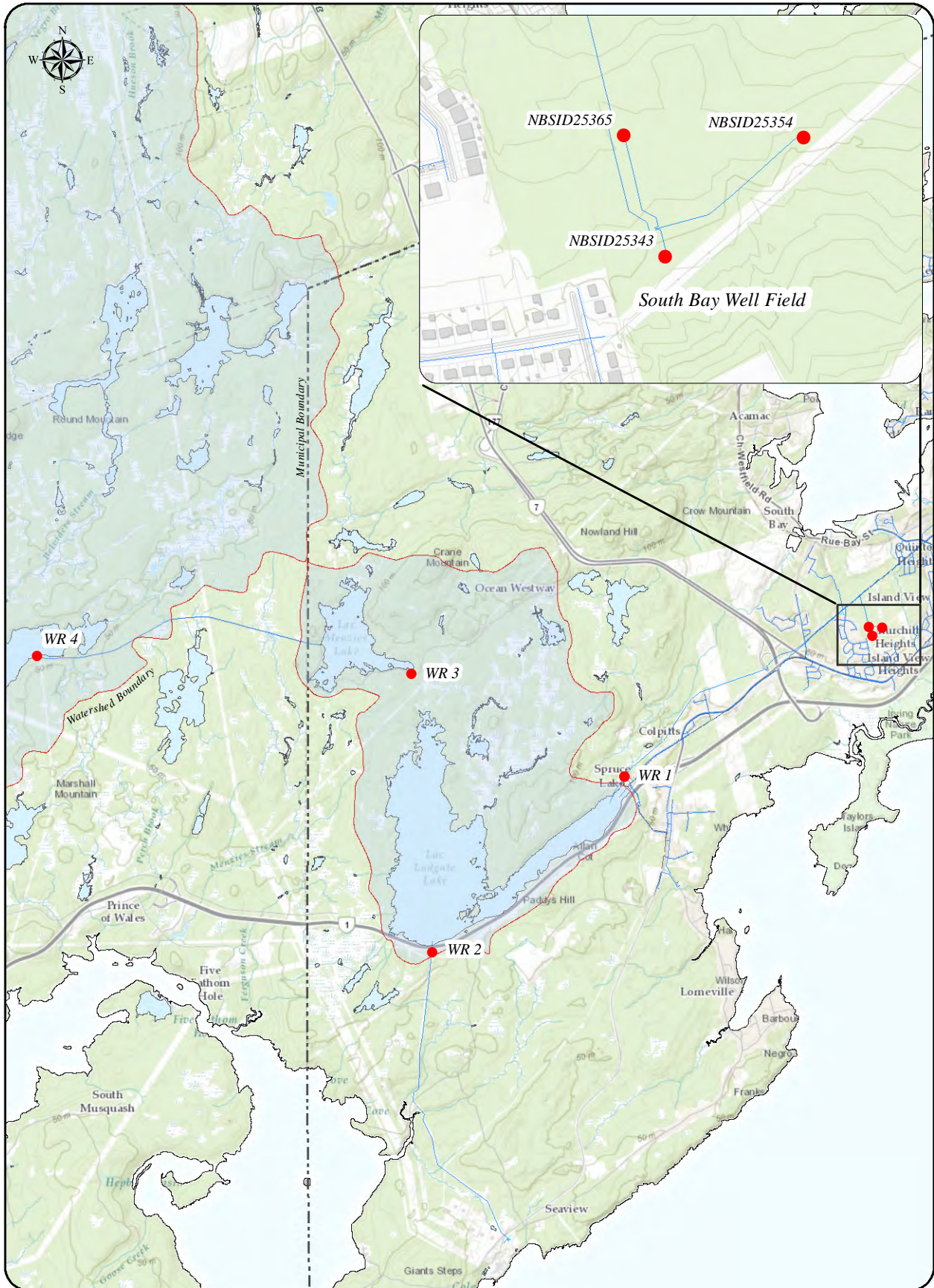
### East, West Raw Water Sample Sites & SBWF Monitoring Wells





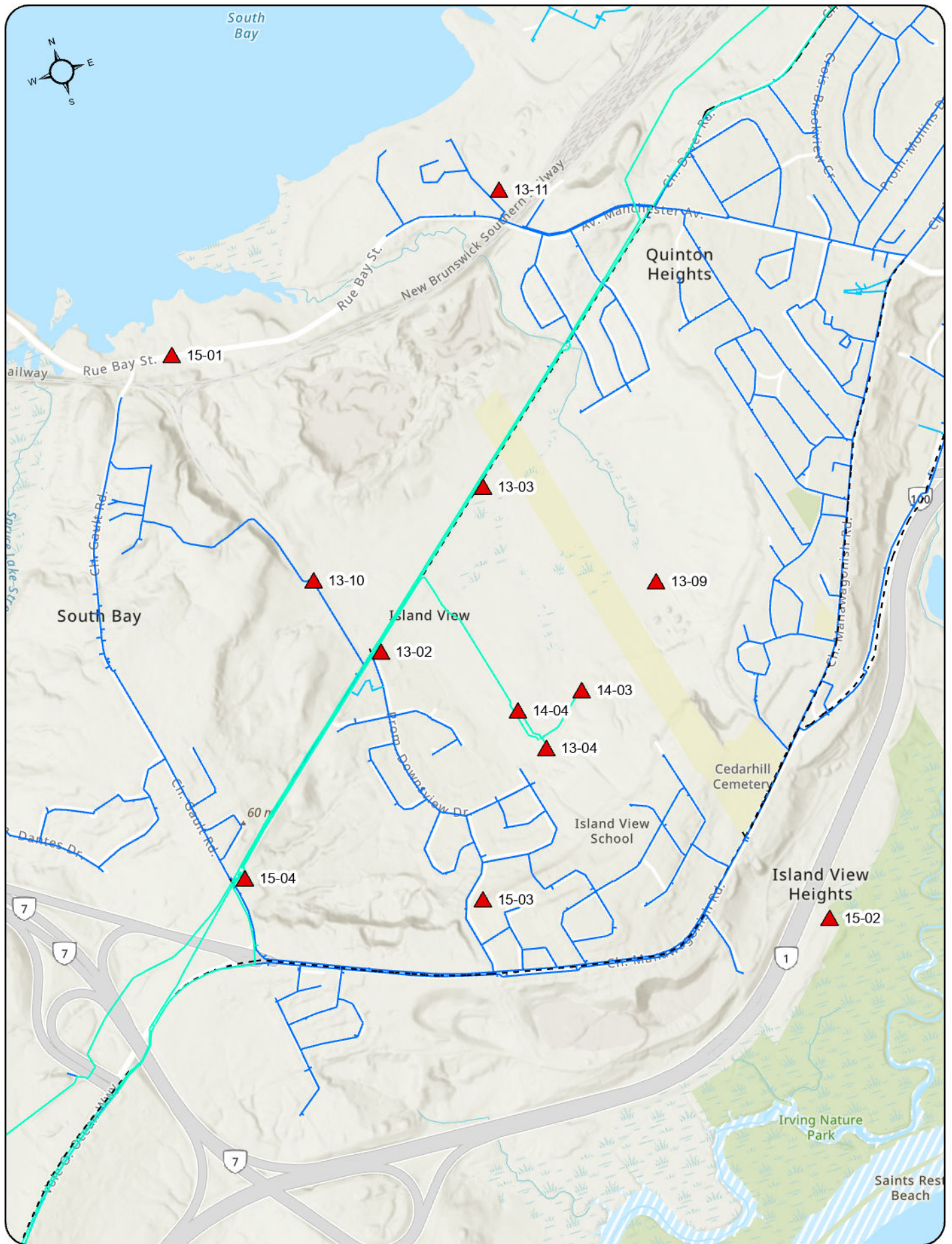
*Raw Water Sample Sites - East System*





*Raw Water Sample Sites - West System*





*South Bay Well Field - Groundwater Monitoring Wells*

## Appendix B

### Watershed Raw Water Analytical Results

WATERSHED SAMPLING Lalimer Lake ER-1			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	0	0	2
Total coliforms (counts/100mL)	2	10	24
Heterotrophic Plate Count / (CFU/mL)	1400	10800	2800
Fecal coliforms (counts/100mL)	0	0	2
Alkalinity, mg/L CaCO3	7	7	7
Aluminum (mg/L)	0.027	<0.005	0.016
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	4.0
Iron (mg/L)	0.043	0.098	0.035
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.013	0.005	0.008
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.23	5.95	5.86
Phosphorous (total) mg/L		<0.07	0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	1.06	0.49	0.95
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Robertson Lake ER-2			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	2	0	8
Total coliforms (counts/100mL)	72	26	74
Heterotrophic Plate Count / (CFU/mL)	3900	4900	13200
Fecal coliforms (counts/100mL)	0	0	10
Alkalinity, mg/L CaCO3	7	8	8
Aluminum (mg/L)	0.045	0.020	0.027
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	5.0
Iron (mg/L)	0.104	0.062	0.053
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.017	0.019	0.008
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.59	6.48	6.32
Phosphorous (total) mg/L		<0.07	0.12
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	1.05	1.05	1.50
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Loch Lomond Reservoir ER-3			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	0	8	2
Total coliforms (counts/100mL)	28	44	84
Heterotrophic Plate Count / (CFU/mL)	1100	3800	13300
Fecal coliforms (counts/100mL)	0	0	6
Alkalinity, mg/L CaCO3	7	8	8
Aluminum (mg/L)	0.044	0.008	0.024
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	5.0
Iron (mg/L)	0.105	<0.002	0.053
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.018	0.016	0.010
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.48	6.73	6.36
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	1.01	0.84	1.27
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING First Lake ER-4			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	12	4	10
Total coliforms (counts/100mL)	378	620	286
Heterotrophic Plate Count / (CFU/mL)	2300	12600	30700
Fecal coliforms (counts/100mL)	10	18	8
Alkalinity, mg/L CaCO3	11	9	7
Aluminum (mg/L)	0.053	0.126	0.060
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		16.0	5.0
Iron (mg/L)	0.167	0.381	0.087
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.028	0.028	0.008
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.30	6.38	6.28
Phosphorous (total) mg/L		<0.07	0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	2.32	1.16	1.68
Uranium (mg/L)	<0.0005	<0.0005	<0.0005



WATERSHED SAMPLING McBrien Lake ER-5			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	2	2	6
Total coliforms (counts/100mL)	50	54	682
Heterotrophic Plate Count / (CFU/mL)	1000	9000	14500
Fecal coliforms (counts/100mL)	0	4	6
Alkalinity, mg/L CaCO3	6	7	5
Aluminum (mg/L)	0.035	<0.005	0.040
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	6.0
Iron (mg/L)	0.058	0.055	0.049
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.021	0.024	0.004
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.08	6.60	6.18
Phosphorous (total) mg/L		<0.07	0.10
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	1.17	0.90	1.46
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Hunter Lake ER-6			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	0	2	26
Total coliforms (counts/100mL)	26	128	552
Heterotrophic Plate Count / (CFU/mL)	2600	10700	16700
Fecal coliforms (counts/100mL)	10	4	20
Alkalinity, mg/L CaCO3	22	26	26
Aluminum (mg/L)	0.014	<0.005	0.021
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	4.0
Iron (mg/L)	0.010	0.054	0.027
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.013	0.019	0.003
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.89	7.30	6.98
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	0.70	0.68	0.95
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Offer Lake ER-7			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	2	44	28
Total coliforms (counts/100mL)	616	729	968
Heterotrophic Plate Count / (CFU/mL)	26400	9900	14800
Fecal coliforms (counts/100mL)	6	46	22
Alkalinity, mg/L CaCO3	13	10	7
Aluminum (mg/L)	0.046	0.089	0.114
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		10.0	6.0
Iron (mg/L)	0.245	0.559	0.163
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.031	0.036	0.009
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.68	6.28	6.39
Phosphorous (total) mg/L		<0.07	0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	1.66	1.06	1.21
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Second Lake ER-8			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	38	48	2
Total coliforms (counts/100mL)	154	484	416
Heterotrophic Plate Count / (CFU/mL)	6300	10400	15400
Fecal coliforms (counts/100mL)	34	50	4
Alkalinity, mg/L CaCO3	8	11	9
Aluminum (mg/L)	0.051	0.005	0.043
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	0.011	<0.010	0.014
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	7.0
Iron (mg/L)	0.131	0.334	0.086
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.041	0.035	0.009
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.40	6.50	6.55
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	2.10	0.86	1.30
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Third Lake ER-9			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	4	10	2
Total coliforms (counts/100mL)	242	94	462
Heterotrophic Plate Count / (CFU/mL)	3900	10300	13200
Fecal coliforms (counts/100mL)	4	12	6
Alkalinity, mg/L CaCO3	10	12	10
Aluminum (mg/L)	0.046	<0.005	0.089
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	0.013	0.010	0.016
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	8.0
Iron (mg/L)	0.083	0.266	0.143
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.049	0.022	0.007
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.48	6.78	6.40
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	1.30	0.70	1.18
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Terreo Lake ER-10			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	4	8	14
Total coliforms (counts/100mL)	36	682	822
Heterotrophic Plate Count / (CFU/mL)	2100	13600	19800
Fecal coliforms (counts/100mL)	6	20	10
Alkalinity, mg/L CaCO3	5	6	5
Aluminum (mg/L)	0.077	0.032	0.107
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		5.0	8.0
Iron (mg/L)	0.026	0.030	0.067
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.005	0.018	0.004
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.27	6.51	6.18
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	0.77	1.37	1.35
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Spruce Lake WR-1			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	0	2	8
Total coliforms (counts/100mL)	46	20	156
Heterotrophic Plate Count / (CFU/mL)	700	3400	21100
Fecal coliforms (counts/100mL)	0	2	10
Alkalinity, mg/L CaCO3	3	3	3
Aluminum (mg/L)	0.054	0.021	0.048
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		4.0	5.0
Iron (mg/L)	0.216	0.092	0.093
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.010	0.011	0.045
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	6.19	6.30	6.19
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	0.63	0.66	0.87
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Coleson Cove WR-2			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	2	12	10
Total coliforms (counts/100mL)	38	48	101
Heterotrophic Plate Count / (CFU/mL)	1500	9600	13100
Fecal coliforms (counts/100mL)	12	8	6
Alkalinity (total, as CaCO3) (mg/L)	3	3	2
Aluminum (total) (mg/L)	0.059	0.056	0.060
Antimony (total) (mg/L)	<0.002	<0.002	<0.002
Arsenic (total) (mg/L)	<0.001	<0.001	<0.001
Barium (total) (mg/L)	<0.010	<0.010	<0.010
Boron (total) (mg/L)	<0.010	<0.010	<0.010
Cadmium (total) (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (total) (mg/L)	<0.001	<0.001	<0.001
Copper (total) (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		5.0	5.0
Iron (total) (mg/L)	0.248	0.297	0.092
Lead (total) (mg/L)	<0.001	<0.001	<0.001
Manganese (total) (mg/L)	0.010	0.107	0.007
Nitrate (as N) (mg/L)	<0.2	<0.2	<0.2
pH	5.88	6.11	5.89
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (total) (mg/L)	<0.002	<0.002	<0.002
Thallium (total) (mg/L)	<0.001	<0.001	<0.001
Turbidity (NTU)	0.55	1.12	0.67
Uranium (total) (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Menzies Lake WR-3			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	21	4	20
Total coliforms (counts/100mL)	97	128	290
Heterotrophic Plate Count / (CFU/mL)	1900	3200	7200
Fecal coliforms (counts/100mL)	0	2	14
Alkalinity, mg/L CaCO3	4	4	2
Aluminum (mg/L)	0.055	0.054	0.090
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		6.0	6.0
Iron (mg/L)	0.169	0.184	0.166
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.010	0.058	0.012
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	5.99	6.07	5.86
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	0.74	0.92	1.11
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

WATERSHED SAMPLING Musquash Lake (at Pumphouse) WR-4			
Parameter	May 16 2022	Aug 22 2022	Nov 21 2022
Escherichia coli / E. coli (counts/100mL)	10	2	15
Total coliforms (counts/100mL)	112	104	278
Heterotrophic Plate Count / (CFU/mL)	3200	7500	11650
Fecal coliforms (counts/100mL)	2	2	19
Alkalinity, mg/L CaCO3	1	1	4
Aluminum (mg/L)	0.127	0.082	0.151
Antimony (mg/L)	<0.002	<0.002	<0.002
Arsenic (mg/L)	<0.001	<0.001	<0.001
Barium (mg/L)	<0.010	<0.010	<0.010
Boron (mg/L)	<0.010	<0.010	<0.010
Cadmium (mg/L)	<0.00002	<0.00002	<0.00002
Chromium (mg/L)	<0.001	<0.001	<0.001
Copper (mg/L)	<0.001	<0.001	<0.001
Dissolved Organic Carbon (mg/L)		7.0	7.0
Iron (mg/L)	0.135	0.176	0.144
Lead (mg/L)	<0.001	<0.001	<0.001
Manganese (mg/L)	0.022	0.019	0.018
Nitrate/Nitrite, mg/L (mg/L)	<0.2	<0.2	<0.2
pH	5.68	5.85	5.65
Phosphorous (total) mg/L		<0.07	<0.07
Selenium (mg/L)	<0.002	<0.002	<0.002
Thallium (mg/L)	<0.001	<0.001	<0.001
Turbidity, NTU	0.98	0.70	1.05
Uranium (mg/L)	<0.0005	<0.0005	<0.0005

## Appendix C

### Raw Water & Distribution System Organic & Inorganic Analytical Results



**New Brunswick Clean Water Results  
Spruce Lake Raw Water (Source 1)**

*Located at: 2524 Ocean Westway*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		< 0.29	< 0.29	< 0.29	< 0.29
Bromodichloromethane	µg/L		< 0.26	< 0.26	< 0.26	< 0.26
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	< 0.37	< 0.37	< 0.37	< 0.37
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		4	3	4	3
Total Hardness (as CaCO3)	mg/L		7	6	8	7
Aluminum	µg/L	2900	61	65	26	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		2	1.9	2.4	2.0
Chloride	mg/L		5.3	7.3	7.2	4.4
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		115	102	37	155
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.4	0.5	0.5	0.4
Manganese	µg/L	120	22	46	18	45
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			6.23	6.16	6.34	6.33
Potassium	mg/L		0.3	0.2	0.2	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		3	4.3	3.9	2.6
Sulphate	mg/L		<2	<2	<2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.73	0.68	0.68	0.57
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		<2	4	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Ocean Drive Well Raw Water (Source 2)**

*Located at: 103 Ocean Drive*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		< 0.29	< 0.29	< 0.29	< 0.29
Bromodichloromethane	µg/L		< 0.26	< 0.26	< 0.26	< 0.26
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	< 0.37	< 0.37	< 0.37	< 0.37
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		90	91	90	89
Total Hardness (as CaCO3)	mg/L		91	97	117	114
Aluminum	µg/L	2900	25	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	189	182	167	185
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		26.8	28.5	35.8	35.1
Chloride	mg/L		31.4	27.9	28.2	32.9
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		42	<2	<2	15
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		5.8	6.2	6.6	6.4
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	1.2	1.2	1.2	1.3
pH			8.06	7.95	8.02	8.06
Potassium	mg/L		0.7	1.4	1.1	0.3
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.2	12.8	13.5	13.5
Sulphate	mg/L		8	7	7	6
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.20	0.24	0.18	0.23
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Seaward Crescent Well Raw Water (Source 3)**

*Located at: 14 Seaward Crescent*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		< 0.29	< 0.29	< 0.29	< 0.29
Bromodichloromethane	µg/L		< 0.26	< 0.26	< 0.26	< 0.26
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	< 0.37	< 0.37	< 0.37	< 0.37
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		96	97	94	92
Total Hardness (as CaCO3)	mg/L		86	107	110	103
Aluminum	µg/L	2900	16	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	258	255	233	271
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		27.3	34.9	36.4	34.2
Chloride	mg/L		14.7	12.9	12.9	14.0
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		18	<2	<2	11
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		4.4	4.7	4.7	4.3
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	1.2	1.2	1.1	1.2
pH			8.08	7.97	7.98	8.03
Potassium	mg/L		0.7	1.1	0.6	0.3
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		7.2	8.4	8.1	6.9
Sulphate	mg/L		6	6	6	6
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.26	0.28	0.29	0.28
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Latimer Lake Raw Water (Source 4)**

*Located at: 1200 Pipeline Road*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		< 0.29	< 0.29	< 0.29	< 0.29
Bromodichloromethane	µg/L		< 0.26	< 0.26	< 0.26	< 0.26
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	< 0.37	< 0.37	< 0.37	< 0.37
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		8	8	8	9
Total Hardness (as CaCO3)	mg/L		13	12	12	12
Aluminum	µg/L	2900	43	29	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	< 10	< 10	< 10	< 10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		4.2	3.7	3.9	3.9
Chloride	mg/L		7.9	7.0	6.9	6.8
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		71	52	13	213
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.7	0.6	0.6
Manganese	µg/L	120	10	7	7	37
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			6.78	6.73	6.80	6.84
Potassium	mg/L		0.1	0.3	0.3	0.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		3.4	4.1	4.1	3.8
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.79	0.61	0.53	0.50
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Southbay Well #1 Raw Water (Source 5)**

*Located at: 66 Gaelic Drive*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		0.56	0.35	0.38	0.54
Bromodichloromethane	µg/L		< 0.26	< 0.26	< 0.26	< 0.26
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	0.56	< 0.37	0.38	0.54
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		139	142	141	140
Total Hardness (as CaCO3)	mg/L		190	223	227	215
Aluminum	µg/L	2900	<5	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	54	64	54	57
Boron	µg/L	5000	15	20	15	15
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		58.5	69.5	70.6	68.3
Chloride	mg/L		87.7	84.1	85.4	80.6
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		49	92	<2	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		10.7	12.1	12.4	10.7
Manganese	µg/L	120	<2	<2	2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	0.9	1.1	1.1	0.9
pH			8.04	8.18	8.23	8.08
Potassium	mg/L		2.0	2.7	3.2	1.5
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		23.6	26.4	27.4	22.4
Sulphate	mg/L		34	32	31	24
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.77	0.21	0.18	0.45
Uranium	µg/L	20	2.1	2.9	2.1	2.1
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Southbay Well #2 Raw Water (Source 6)**

*Located at: 66 Gaelic Drive*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		0.73	0.81	0.67	1.1
Bromodichloromethane	µg/L		< 0.26	< 0.26	< 0.26	< 0.26
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	0.73	0.81	0.67	1.1
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		134	134	130	128
Total Hardness (as CaCO3)	mg/L		182	218	237	208
Aluminum	µg/L	2900	<5	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	68	67	57	60
Boron	µg/L	5000	20	23	15	16
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		55.7	69.9	76.9	67.1
Chloride	mg/L		63.8	72.9	71.0	73.3
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		10	<2	<2	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		10.4	10.6	10.8	9.5
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	0.6	0.8	0.9	0.8
pH			8.13	8.13	8.13	8.04
Potassium	mg/L		2.7	2.8	3.0	2.6
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		22.8	23.1	23.8	21.2
Sulphate	mg/L		30	29	29	23
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.29	0.22	0.21	0.28
Uranium	µg/L	20	2.1	2.5	1.8	1.9
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada



**New Brunswick Clean Water Results  
Southbay Well #3 Raw Water (Source 7)**

*Located at: 66 Gaelic Drive*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		< 0.29	< 0.29	< 0.29	< 0.29
Bromodichloromethane	µg/L		< 0.26	< 0.26	< 0.26	< 0.26
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	< 0.37	< 0.37	< 0.37	< 0.37
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		202	201	200	182
Total Hardness (as CaCO3)	mg/L		248	301	299	273
Aluminum	µg/L	2900	<5	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	150	136	121	122
Boron	µg/L	5000	114	121	104	104
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		71.4	92.5	90.4	82.9
Chloride	mg/L		74.4	69.3	68.1	70.4
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		21	<2	<2	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		16.9	17.0	17.7	16.0
Manganese	µg/L	120	14	11	13	10
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	0.8	0.8	<0.2
pH			8.07	8.12	8.03	7.80
Potassium	mg/L		3.5	3.7	4.0	3.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		27.9	28.3	30.1	26.8
Sulphate	mg/L		62	61	62	47
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.18	0.21	0.20	0.67
Uranium	µg/L	20	4.0	4.5	3.4	3.4
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Carleton Community Centre (Zone 2)**

*Located at: 89 Market Place*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		23.0	29.0	55.0	46.0
Bromodichloromethane	µg/L		4.0	4.8	6.0	6.5
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.42
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	27.0	34.0	61.0	53.0
Trichloroacetic acid	µg/L		23.7	21.8	22.0	24.6
Dichloroacetic acid	µg/L		15.4	16.2	19.9	17.2
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	39.1	38.0	41.8	41.8

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	30	25	26
Total Hardness (as CaCO3)	mg/L		17	16	30	21
Aluminum	µg/L	2900	12	6	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.7	5.5	11.2	7.3
Chloride	mg/L		11	10.5	10.4	10.4
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		2	22	<2	19
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.7
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.32	7.28	7.53	7.34
Potassium	mg/L		0.3	0.4	0.3	0.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.2	13.5	11.3	10.6
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.24	0.17	0.34	0.24
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		71	65	40	91

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Ridgewood Lift Station (Zone 3)**

*Located at: 410 Bay Street*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		0.65	0.61	0.71	1.1
Bromodichloromethane	µg/L		1.4	1.1	1.2	2.3
Dibromochloromethane	µg/L		3.3	2.9	2.9	5.6
Bromoform	µg/L		2.8	2.3	2.4	5.4
Total Trihalomethanes	µg/L	100	8.1	6.8	7.1	14.0
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	2.1
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		168	157	154	153
Total Hardness (as CaCO3)	mg/L		227	222	237	248
Aluminum	µg/L	2900	<5	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	100	87	76	75
Boron	µg/L	5000	65	54	38	44
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		69.7	68.9	74.1	81.1
Chloride	mg/L		76.3	76.3	77.2	72.2
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	258	15	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		<2	<2	<2	14
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		12.9	12.1	12.5	11.1
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	0.3	0.8	0.8	0.5
pH			8.28	8.06	8.08	8.24
Potassium	mg/L		2.8	3.0	3.0	2.4
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		24.9	25.5	26.7	26.0
Sulphate	mg/L		46	41	43	35
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.17	0.29	0.23	0.17
Uranium	µg/L	20	3.0	3.2	2.3	3.0
Zinc	µg/L		63	51	83	66

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Operations Complex (Zone 4)**

*Located at: 175 Rothesay Avenue*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		20.0	41.0	33.0	31.0
Bromodichloromethane	µg/L		3.5	5.4	3.8	5.5
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	23	47.0	37.0	37.0
Trichloroacetic acid	µg/L		23.2	27.8	18.4	22.9
Dichloroacetic acid	µg/L		15.0	22.1	16.1	16.5
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	38.1	49.9	34.4	39.4

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	29	26	26
Total Hardness (as CaCO3)	mg/L		18	17	20	18
Aluminum	µg/L	2900	12	18	<5	15
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		6.2	6.0	6.9	6.2
Chloride	mg/L		10.5	10.6	9.6	10.4
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	18	21	15	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		4	129	<2	49
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.7	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.48	7.34	7.51	7.54
Potassium	mg/L		0.2	0.4	0.4	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		10.9	13.2	11.1	10.5
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.25	0.31	0.30	0.21
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		80	51	57	91

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Fundy Linen (Zone 6)**

*Located at: 320 King William Road*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		0.49	0.52	0.55	0.84
Bromodichloromethane	µg/L		0.55	0.47	0.42	0.70
Dibromochloromethane	µg/L		1.5	1.2	1.1	1.7
Bromoform	µg/L		1.2	0.97	0.84	1.4
Total Trihalomethanes	µg/L	100	3.7	3.1	2.9	4.6
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		166	157	155	145
Total Hardness (as CaCO3)	mg/L		224	216	242	242
Aluminum	µg/L	2900	<5	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	104	86	74	74
Boron	µg/L	5000	65	52	42	69
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		68.4	66.1	75.9	78.4
Chloride	mg/L		73.3	76.3	78.9	74.6
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		<2	4	4	12
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		12.8	12.3	12.8	11.2
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	0.5	0.8	0.8	0.5
pH			7.83	8.16	8.24	7.96
Potassium	mg/L		2.8	2.8	2.9	2.3
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		24.7	25.7	27.6	24.0
Sulphate	mg/L		46	41	43	32
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.33	0.22	0.24	0.31
Uranium	µg/L	20	3.0	3.3	2.4	3.1
Zinc	µg/L		73	61	58	67

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Ryerson Metals (Zone 7)**

*Located at: 2 Whitebone Way*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		26.0	25.0	65.0	48.0
Bromodichloromethane	µg/L		4.2	4.3	5.9	6.1
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.38
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	30.0	29.0	71.0	54.0
Trichloroacetic acid	µg/L		29.4	20.3	27.5	29.2
Dichloroacetic acid	µg/L		16.9	15.5	24.2	20.8
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	46.3	35.8	51.7	50.0

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	31	27	27
Total Hardness (as CaCO3)	mg/L		17	16	20	20
Aluminum	µg/L	2900	10	8	<5	14
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.9	5.5	6.9	6.9
Chloride	mg/L		10.5	10.3	10.7	10.3
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		75	4	<2	16
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.7	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.40	7.50	7.55	7.54
Potassium	mg/L		0.2	0.3	0.3	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		10.9	13.0	11.7	11.1
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.35	0.19	0.27	0.16
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		75	74	45	88

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada



**New Brunswick Clean Water Results  
Bridge Road Pump Station (Zone 8)**

*Located at: 435 Riverview Drive*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		19.0	23.0	44.0	35.0
Bromodichloromethane	µg/L		3.5	3.6	4.8	5.5
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	22.0	26.0	49.0	40.0
Trichloroacetic acid	µg/L		17.8	20.5	23.9	26.3
Dichloroacetic acid	µg/L		11.1	13.0	19.0	17.1
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	28.9	33.5	43	43.5

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		28	33	26	27
Total Hardness (as CaCO3)	mg/L		14	18	20	21
Aluminum	µg/L	2900	9	9	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.4	6.2	7.1	7.1
Chloride	mg/L		10.8	10.5	10.7	10.2
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		<2	<2	<2	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.7
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.35	7.34	7.58	7.38
Potassium	mg/L		0.3	0.5	0.4	0.3
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.1	13.8	11.6	10.7
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.20	0.19	0.21	0.19
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		77	75	47	66

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Doiron Sports (Zone 9)**

*Located at: 31 Greenhead Road*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		24.0	29.0	53.0	40.0
Bromodichloromethane	µg/L		4.1	4.6	6.0	6.0
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.41
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	28.0	34.0	59.0	46.0
Trichloroacetic acid	µg/L		22.7	20.1	20.3	23.6
Dichloroacetic acid	µg/L		15.1	15.7	15.5	15.7
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	37.8	35.8	35.9	39.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	32	26	28
Total Hardness (as CaCO3)	mg/L		18	16	31	21
Aluminum	µg/L	2900	17	12	8	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		6.4	5.5	11.3	7.5
Chloride	mg/L		10.9	10.4	10.4	9.3
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		23	52	38	29
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.6
Manganese	µg/L	120	21	21	26	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.36	7.52	7.49	7.52
Potassium	mg/L		0.5	0.3	0.5	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.7	13.2	11.4	11.6
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.41	0.52	0.77	0.34
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		83	70	52	89

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Kennebecasis Drive PRV (Zone 10)**

*Located at: 1240 Kennebecasis Drive*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		27.0	35.0	58.0	46.0
Bromodichloromethane	µg/L		4.3	5.5	6.2	5.9
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	31.0	41.0	65.0	52.0
Trichloroacetic acid	µg/L		21.1	25.6	31.4	29.6
Dichloroacetic acid	µg/L		13.8	16.1	20.2	23.8
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	34.9	41.7	51.5	53.4

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		26	33	26	27
Total Hardness (as CaCO3)	mg/L		17	16	20	21
Aluminum	µg/L	2900	10	8	<5	9
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.8	5.5	7.0	7.3
Chloride	mg/L		11.1	10.5	10.7	10.6
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		<2	<2	<2	8
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.38	7.59	7.20	7.34
Potassium	mg/L		0.3	0.5	0.5	0.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		10.9	13.3	11.3	10.6
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.16	0.18	0.17	0.17
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		66	58	46	73

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Champlain Heights Pump Station (Zone 13)**

*Located at: 784 Loch Lomond Road*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		15.0	19.0	35.0	25.0
Bromodichloromethane	µg/L		2.9	3.6	4.5	4.5
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	18.0	23.0	40.0	29.0
Trichloroacetic acid	µg/L		18.4	16.0	16.7	17.3
Dichloroacetic acid	µg/L		11.5	12.8	13.9	12.3
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	30.0	28.8	30.5	29.6

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	31	26	26
Total Hardness (as CaCO3)	mg/L		17	17	18	19
Aluminum	µg/L	2900	<5	14	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.6	5.9	6.2	6.6
Chloride	mg/L		10.1	10.4	10.1	10.2
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		<2	12	<2	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.7	0.6	0.6	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.28	7.36	7.48	7.32
Potassium	mg/L		0.5	0.4	0.3	0.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		12	13.3	11.6	11.3
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.22	0.21	0.20	0.20
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		95	90	63	63

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Fundy Heights Convenience (Zone 14)**

*Located at: 658 Dunn Avenue*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		20.0	24.0	41.0	32.0
Bromodichloromethane	µg/L		3.7	4.2	5.2	5.3
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	23.0	29.0	46.0	37.0
Trichloroacetic acid	µg/L		19.7	18.4	18.7	23.3
Dichloroacetic acid	µg/L		14.9	16.0	17.3	16.4
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	34.6	34.4	36.0	39.7

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	32	26	25
Total Hardness (as CaCO3)	mg/L		17	16	30	20
Aluminum	µg/L	2900	10	9	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.9	5.3	11.1	7.1
Chloride	mg/L		10.9	10.5	10.3	10.3
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	16	16	30	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		5	<2	<2	13
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.24	7.45	7.44	6.98
Potassium	mg/L		0.4	0.3	0.4	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.2	13.4	11.1	11.2
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.21	0.21	0.26	0.22
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		75	68	52	79

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
University Avenue Pump Station (Zone 15)**

*Located at: 399 University Avenue*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		20.0	26.0	46.0	47.0
Bromodichloromethane	µg/L		3.6	4.6	5.4	6.6
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.39
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	24.0	31.0	52.0	54.0
Trichloroacetic acid	µg/L		22.3	21.2	20.7	28.1
Dichloroacetic acid	µg/L		14.4	16.3	17.9	19.9
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	36.7	37.5	38.5	48.0

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	30	26	26
Total Hardness (as CaCO3)	mg/L		16	17	19	20
Aluminum	µg/L	2900	90	7	<5	12
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.6	5.7	6.5	7.2
Chloride	mg/L		11.1	10.4	10.4	10.8
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	14	9	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		166	<2	<2	6
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.28	7.29	7.18	7.37
Potassium	mg/L		0.3	0.3	0.4	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.7	12.8	11.1	10.8
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.21	0.18	0.20	0.23
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		79	70	55	69

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada



**New Brunswick Clean Water Results  
Somerset Street Pump Station (Zone 16)**

*Located at: 510 Somerset Street*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		19.0	24.0	46.0	33.0
Bromodichloromethane	µg/L		3.4	4.2	5.4	5.4
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	22.0	28.0	51.0	39.0
Trichloroacetic acid	µg/L		20.7	20.3	26.3	22.9
Dichloroacetic acid	µg/L		13.3	15.0	19.4	15.2
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	34.0	35.2	45.6	38.1

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		31	31	26	28
Total Hardness (as CaCO3)	mg/L		17	18	19	20
Aluminum	µg/L	2900	98	7	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.8	6.2	6.6	6.9
Chloride	mg/L		11.3	10.7	10.7	10.8
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		140	<2	<2	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.7	0.6	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.35	7.29	7.53	7.42
Potassium	mg/L		0.3	0.6	0.5	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		12.1	13.3	11.7	10.7
Sulphate	mg/L		2	2	2	4
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.16	0.15	0.18	0.18
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		79	77	55	65

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Lakewood Pump Station, Line #2 (Zone 18)**

*Located at: 37 Fish Hatchery Road*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		15.0	18.0	34.0	24.0
Bromodichloromethane	µg/L		2.9	3.6	4.0	4.2
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	18.0	22.0	38.0	28.0
Trichloroacetic acid	µg/L		17.5	14.7	16.5	16.2
Dichloroacetic acid	µg/L		11.3	13.2	13.5	12.1
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	28.8	27.9	30.0	28.4

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	31	26	27
Total Hardness (as CaCO3)	mg/L		17	16	21	18
Aluminum	µg/L	2900	36	9	<5	14
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.9	5.4	7.3	6.3
Chloride	mg/L		10.4	10.3	10.2	10.0
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		41	<2	<2	20
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.6
Manganese	µg/L	120	<2	2	2	2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.44	7.33	7.43	7.56
Potassium	mg/L		0.3	0.3	0.4	0.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.1	13.0	11.2	10.9
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.17	0.17	0.19	0.16
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		85	86	66	95

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Travelodge Suites (Zone 20)**

*Located at: 1011 Fairville Boulevard*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		0.57	0.62	0.77	0.87
Bromodichloromethane	µg/L		0.96	0.86	1.2	1.4
Dibromochloromethane	µg/L		2.4	2.2	2.9	3.2
Bromoform	µg/L		1.7	1.8	2.2	2.8
Total Trihalomethanes	µg/L	100	5.6	5.4	7.1	8.4
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		167	160	153	152
Total Hardness (as CaCO3)	mg/L		219	243	237	243
Aluminum	µg/L	2900	18	10	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	101	91	76	77
Boron	µg/L	5000	60	59	39	59
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		68.3	75.8	74.6	76.0
Chloride	mg/L		70.9	76.3	77.1	74.5
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		28	10	<2	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		11.8	13.0	12.3	12.8
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	0.7	0.8	0.8	<0.2
pH			7.93	7.92	8.02	8.18
Potassium	mg/L		2.8	3.6	3.5	2.9
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		26.8	27.0	27.9	26.9
Sulphate	mg/L		42	43	43	31
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.22	0.18	0.17	0.33
Uranium	µg/L	20	3.1	3.4	2.3	2.7
Zinc	µg/L		68	61	75	74

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Churchill Heights Water Tank (Zone 21)**

*Located at: 45 Ocean Court*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		0.56	0.61	0.63	0.77
Bromodichloromethane	µg/L		1.1	1.1	1.0	1.3
Dibromochloromethane	µg/L		2.7	2.7	2.4	3.1
Bromoform	µg/L		2.0	2.0	1.7	2.6
Total Trihalomethanes	µg/L	100	6.3	6.5	5.8	7.8
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		168	160	155	153
Total Hardness (as CaCO3)	mg/L		224	223	245	244
Aluminum	µg/L	2900	51	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	105	90	77	76
Boron	µg/L	5000	66	51	43	51
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		68.5	68.4	76.8	78.6
Chloride	mg/L		72.9	76.7	76.1	72.4
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		88	<2	<2	6
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		12.8	12.7	12.9	11.6
Manganese	µg/L	120	12	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	0.5	0.8	0.7	0.5
pH			7.94	7.98	8.10	8.08
Potassium	mg/L		2.9	3.1	3.0	2.3
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		24.8	26.6	27.7	25.0
Sulphate	mg/L		46	42	44	33
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.30	0.24	0.21	0.17
Uranium	µg/L	20	3.0	3.2	2.4	2.9
Zinc	µg/L		71	59	2	71

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Greybar (Zone 22)**

*Located at: 300 Charlotte Street*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		23.0	29.0	55.0	40.0
Bromodichloromethane	µg/L		3.9	4.7	5.9	6.0
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.39
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	27.0	34.0	71.0	46.0
Trichloroacetic acid	µg/L		23.6	22.1	27.5	24.3
Dichloroacetic acid	µg/L		14.7	16.2	24.2	16.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	38.3	38.3	51.7	40.9

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	34	26	26
Total Hardness (as CaCO3)	mg/L		16	17	21	20
Aluminum	µg/L	2900	26	11	8	8
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.3	6.0	7.1	6.8
Chloride	mg/L		8.9	10.5	10.9	10.3
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		36	13	8	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.7	0.7
Manganese	µg/L	120	<2	<2	9	5
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.29	7.35	7.55	7.36
Potassium	mg/L		0.4	0.4	0.6	0.3
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.5	13.6	12.0	10.7
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.23	0.19	0.58	0.33
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		81	68	43	78

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Park Drive Meter Station (Zone 24)**

*Located at: 36 Park Drive*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		44.0	44.0	71.0	77.0
Bromodichloromethane	µg/L		5.9	6.4	6.4	8.5
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.51
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	50.0	50.0	77.0	86.0
Trichloroacetic acid	µg/L		37.5	28.8	24.9	33.0
Dichloroacetic acid	µg/L		21.4	20.9	21.9	13.8
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	2.1	2.1	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	58.9	51.9	46.7	46.8

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		29	32	28	26
Total Hardness (as CaCO3)	mg/L		18	17	21	18
Aluminum	µg/L	2900	22	<5	<5	11
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		6.2	6.0	7.4	6.1
Chloride	mg/L		10.3	10.1	9.9	10.3
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		30	15	<2	12
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.7	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.41	7.21	7.58	7.51
Potassium	mg/L		0.3	0.4	0.4	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		10.7	12.8	11.5	11.3
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.20	0.27	0.19	0.27
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		93	79	45	87

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada



**New Brunswick Clean Water Results  
Millidgeville WWTP (Zone 25)**

*Located at: 700 Woodward Avenue*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		24.0	28.0	63.0	44.0
Bromodichloromethane	µg/L		4.0	4.8	6.4	5.8
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	< 0.37
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	28.0	33.0	70.0	49.0
Trichloroacetic acid	µg/L		21.1	22.7	33.1	30.9
Dichloroacetic acid	µg/L		13.9	14.8	25.4	21.0
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	35.1	37.4	58.5	51.9

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		27	30	27	27
Total Hardness (as CaCO3)	mg/L		17	16	20	21
Aluminum	µg/L	2900	53	6	<5	6
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.9	5.3	7.1	7.4
Chloride	mg/L		11.2	10.4	10.1	10.4
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	44	28	52	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		83	<2	<2	8
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.13	7.28	7.18	7.38
Potassium	mg/L		0.3	0.3	0.4	0.1
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.4	12.9	11.2	10.2
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.16	0.29	0.20	0.18
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		67	54	48	77

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Eden Street Sampling Hydrant (Zone 28)**

*Located at: 79 Eden Street*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		< 0.29	< 0.29	0.41	0.61
Bromodichloromethane	µg/L		0.35	< 0.26	0.53	1.0
Dibromochloromethane	µg/L		0.55	< 0.37	0.59	1.2
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	0.63
Total Trihalomethanes	µg/L	100	0.90	< 0.37	1.5	3.4
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		91	95	89	89
Total Hardness (as CaCO3)	mg/L		89	113	117	111
Aluminum	µg/L	2900	52	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	190	209	166	183
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		26.0	35.6	36.1	34.4
Chloride	mg/L		32.9	24.2	24.6	23.4
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		141	5	<2	13
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		5.9	5.9	6.5	6.1
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	1.2	1.2	1.2	1.2
pH			8.05	8.13	7.88	8.00
Potassium	mg/L		0.5	1.0	0.9	0.7
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		12.6	12.4	15.6	13.7
Sulphate	mg/L		8	6	6	6
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		1.14	0.32	0.28	0.19
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Aberdeen Street Sampling Hydrant (Zone 29)**

*Located at: 132 Aberdeen Avenue*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		< 0.29	< 0.29	0.88	0.84
Bromodichloromethane	µg/L		0.37	< 0.26	1.2	1.2
Dibromochloromethane	µg/L		0.54	< 0.37	1.1	1.2
Bromoform	µg/L		< 0.34	< 0.34	0.43	0.63
Total Trihalomethanes	µg/L	100	0.91	< 0.37	3.6	3.9
Trichloroacetic acid	µg/L		< 5.3	< 5.3	< 5.3	< 5.3
Dichloroacetic acid	µg/L		< 2.6	< 2.6	< 2.6	< 2.6
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	< 5.3	< 5.3	< 5.3	< 5.3

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		92	97	91	87
Total Hardness (as CaCO3)	mg/L		90	124	114	107
Aluminum	µg/L	2900	<5	<5	<5	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	187	252	173	186
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		26.5	41.7	34.6	33.3
Chloride	mg/L		33.1	13.6	12.9	30.8
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		5	<2	<2	12
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		5.8	4.9	6.7	5.9
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	1.2	1.1	1.1	1.4
pH			8.06	7.96	8.05	7.85
Potassium	mg/L		0.6	1.7	2.3	0.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		12.3	11.1	18.7	12.4
Sulphate	mg/L		8	6	6	6
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.36	0.22	0.27	0.21
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		<2	<2	<2	<2

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Fairville Boulevard Subway (Zone 34)**

*Located at: 800 Fairville Boulevard*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		25.0	30.0	58.0	42.0
Bromodichloromethane	µg/L		4.2	5.1	6.2	6.3
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.46
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	29.0	35.0	64.0	49.0
Trichloroacetic acid	µg/L		24.0	21.3	31.6	22.2
Dichloroacetic acid	µg/L		15.1	16.7	22.9	16.9
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	39.1	38.0	54.5	39.1

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		30	33	26	27
Total Hardness (as CaCO3)	mg/L		17	19	25	19
Aluminum	µg/L	2900	28	46	15	25
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		6	6.3	9.0	6.8
Chloride	mg/L		9	10.8	9.8	9.5
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	<1	<1	<1	<1
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		27	28	<2	7
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.8	0.6	0.6
Manganese	µg/L	120	25	81	15	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.38	7.29	7.45	7.31
Potassium	mg/L		0.4	0.4	0.5	0.2
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		11.9	13.9	11.7	10.6
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.58	1.02	0.48	0.34
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		79	98	54	63

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

**New Brunswick Clean Water Results  
Saint John Laboratory Services (Zone 35)**

*Located at: 1216 Sand Cove Road*

Organic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
1,2-Dichlorobenzene	µg/L	200	< 0.41	< 0.41	< 0.41	< 0.41
1,2-Dichloroethane	µg/L	5	< 0.35	< 0.35	< 0.35	< 0.35
1,4-Dichlorobenzene	µg/L	5	< 0.36	< 0.36	< 0.36	< 0.36
Benzene	µg/L	5	< 0.32	< 0.32	< 0.32	< 0.32
Benzo[a]pyrene	µg/L	0.01*	< 0.01	< 0.01	< 0.01	< 0.01
Carbon tetrachloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Dichloromethane	µg/L	50	< 0.35	< 0.35	< 0.35	< 0.35
Ethylbenzene	µg/L	140	< 0.33	< 0.33	< 0.33	< 0.33
Total Xylenes	µg/L	90	< 0.43	< 0.43	< 0.43	< 0.43
Pentachlorophenol	µg/L	60	< 5	< 5	< 5	< 5
Tetrachloroethylene	µg/L	10	< 0.35	< 0.35	< 0.35	< 0.35
Toluene	µg/L	60	< 0.36	< 0.36	< 0.36	< 0.36
Trichloroethylene	µg/L	5	< 0.44	< 0.44	< 0.44	< 0.44
Vinyl chloride	µg/L	2	< 0.17	< 0.17	< 0.17	< 0.17
Chloroform	µg/L		29.0	37.0	67.0	56.0
Bromodichloromethane	µg/L		4.5	5.9	6.9	7.4
Dibromochloromethane	µg/L		< 0.37	< 0.37	< 0.37	0.50
Bromoform	µg/L		< 0.34	< 0.34	< 0.34	< 0.34
Total Trihalomethanes	µg/L	100	34.0	43.0	74.0	64.0
Trichloroacetic acid	µg/L		24.0	25.0	31.9	26.0
Dichloroacetic acid	µg/L		14.0	16.2	23.2	16.0
Monochloroacetic acid	µg/L		< 4.7	< 4.7	< 4.7	< 4.7
Bromochloroacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Monobromoacetic acid	µg/L		< 2.9	< 2.9	< 2.9	< 2.9
Dibromoacetic acid	µg/L		< 2.0	< 2.0	< 2.0	< 2.0
Haloacetic acids 6 / HAA6	µg/L	80	38.0	41.2	55.0	42.0

Inorganic Parameters:	Units	Health Advisory	January 17 2022	April 11 2022	July 11 2022	October 24 2022
Alkalinity (as CaCO3)	mg/L		30	33	26	27
Total Hardness (as CaCO3)	mg/L		17	18	20	18
Aluminum	µg/L	2900	5	<5	47	<5
Antimony	µg/L	6	<2	<2	<2	<2
Arsenic	µg/L	10	<1	<1	<1	<1
Barium	µg/L	1000*	<10	<10	<10	<10
Boron	µg/L	5000	<10	<10	<10	<10
Cadmium	µg/L	5*	<0.02	<0.02	<0.02	<0.02
Calcium	mg/L		5.7	6.4	7.1	6.4
Chloride	mg/L		10.6	10.5	10.9	9.3
Chromium	µg/L	50	<1	<1	<1	<1
Copper	µg/L	2000	10	10	14	10
Fluoride	mg/L	1.5	<0.2	<0.2	<0.2	<0.2
Iron	µg/L		14	27	6	<2
Lead	µg/L	5	<1	<1	<1	<1
Magnesium	mg/L		0.6	0.6	0.6	0.6
Manganese	µg/L	120	<2	<2	<2	<2
Mercury	µg/L	1	<0.02	<0.02	<0.02	<0.02
Nitrate (as NO3)	mg/L	45	<0.2	<0.2	<0.2	<0.2
pH			7.36	7.39	7.49	7.36
Potassium	mg/L		0.3	0.5	0.4	0.3
Selenium	µg/L	10*	<2	<2	<2	<2
Sodium	mg/L		12.0	13.9	11.2	10.9
Sulphate	mg/L		2	2	2	2
Thallium	µg/L		<1	<1	<1	<1
Turbidity	NTU		0.19	0.23	0.19	0.20
Uranium	µg/L	20	<0.5	<0.5	<0.5	<0.5
Zinc	µg/L		76	52	33	76

\* NBDELG has published lower maximum acceptable concentrations (MAC) than Health Canada

## Appendix D

### Monthly Water Testing Summaries

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com

## Summary of Water Testing for January 2022

		Lab ID:	G3104-22	G3129-22	G3161-22
		Date:	Jan 4/22	Jan 5/22	Jan 11/22
		Parameters:	TC/EC	HPC	TC/EC
SID	#	Sample Location			
15667	1	Source 1 – Spruce Lake (Raw)	24/2*	440	-
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	1	-
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	37	-
15509	4	Source 4 – Latimer Lake (Raw)	48/0*	620	-
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	292	-
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	42	-
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	1	-
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	0	-
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	1	-
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	10	-
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0	-
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	1	-
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	1	-
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	-	-	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	3	-
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	15	-
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	1	-
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	3	-
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	3	-
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	0	-
20315	21	Zone 14 – Fundy Heights Convenience	0/0	2	-
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0	-
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0	-
21056	24	Zone 17 – PRV Station, Gault Road	0/0	1	-
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	1	-
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	1	-
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	3	-
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	1	-
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	2	-
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	1	-
15781	31	Zone 24 – Meter Station, Park Drive	0/0	0	-
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	60	-
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	3	-
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	4	-
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	1	-
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0	-
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	1	-
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	5	-
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	0	-
26153	41	Zone 34 – Subway, Westwind Place	0/0	2	-
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	0	-

Note: TNTC-too numerous to count      – not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjls.ca

## Summary of Water Testing for January 2022

		Lab ID:	G31123-22	G31163-22
		Date:	Jan 18/22	Jan 25/22
		Parameters:	TC/EC	TC/EC
SID	#	Sample Location		
15667	1	Source 1 – Spruce Lake (Raw)	19/0*	15/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	10/0*	9/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	2/0	0/0*
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	-	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	-	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

January 20, 2022

Report #: G31132-22, Analysis of water sample.

Two samples were submitted for analysis January 19, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G31132-1	18	Zone 11 – Pump Stn., Highland Road	0	0
G31132-2	26	Zone 19 – Stand Pipe, Willie Avenue	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: sjls@nb.aibn.com

## Summary of Water Testing for February 2022

www.sjls.ca

		Lab ID:	G31212-22		G31219-22		G31244-22	G31266-22
		Date:	Feb 1/22		Feb 2/22		Feb 8/22	Feb 9/22
		Parameters:	TC/EC	HPC	TC/EC	HPC	TC/EC	TC/EC
SID	#	Sample Location						
15667	1	Source 1 - Spruce Lake (Raw)	6/0*	340	-	-	7/0*	-
15805	2	Source 2 - Pump Stn., Ocean Dr. (Raw)	0/0	45	-	-	0/0	-
15521	3	Source 3 - Pump Stn., Seaward Cres. (Raw)	0/0	87	-	-	0/0	-
15509	4	Source 4 - Latimer Lake (Raw)	7/0*	530	-	-	3/0*	-
25343	5	Source 5 - Southbay Well #1 (Raw)	0/0	259	-	-	0/0	-
25354	6	Source 6 - Southbay Well #2 (Raw)	0/0	308	-	-	0/0	-
25365	7	Source 7 - Southbay Well #3 (Raw)	0/0	264	-	-	0/0	-
19716	8	Zone 1 - Jones Variety, City Line Road	0/0	0	-	-	0/0	-
15441	9	Zone 2 - Carleton Comm. Center, Market Pl	0/0	2	-	-	0/0	-
15407	10	Zone 3 - Ridgewood Lift Station, Bay Street	0/0	17	-	-	0/0	-
15087	11	Zone 4 - City Works Complex, Rothesay Ave	0/0	0	-	-	0/0	-
21045	12	Zone 5 - Eastern WWTP, Red Head Road	0/0	1	-	-	0/0	-
15349	13	Zone 6 - Fundy Linen, King William Road	0/0	16	-	-	0/0	-
15725	14	Zone 7 - Ryerson Metals, Whiteborne Way	-	-	0/0	1	0/0	-
21852	15	Zone 8 - Pump Stn., Riverview Drive	0/0	36	-	-	0/0	-
19363	16	Zone 9 - Doiron Sports, Greenhead Road	0/0	34	-	-	0/0	-
18359	17	Zone 10 - PRV Chamber, Kenn Drive	0/0	0	-	-	0/0	-
15145	18	Zone 11 - Pump Stn., Highland Road	0/0	0	-	-	0/0	-
15112	19	Zone 12 - Pump Stn., Golden Grove Road	0/0	1	-	-	0/0	-
17367	20	Zone 13 - Pump Stn., Loch Lomond Road	0/0	0	-	-	0/0	-
20315	21	Zone 14 - Fundy Heights Convenience	0/0	19	-	-	0/0	-
15747	22	Zone 15 - Pump Stn., University Avenue	0/0	0	-	-	0/0	-
15645	23	Zone 16 - Pump Stn., Somerset Street	-	-	0/0	1	0/0	-
21056	24	Zone 17 - PRV Station, Gault Road	0/0	20	-	-	0/0	-
15236	25	Zone 18 - Pump Stn., Fish Hatchery Road	0/0	0	-	-	-	0/0
15543	26	Zone 19 - Stand Pipe, Willie Avenue	0/0	0	-	-	-	0/0
19965	27	Zone 20 - Travelodge Suites, Fairville Blvd.	0/0	25	-	-	0/0*	-
21216	28	Zone 21 - Churchill Heights Reservoir	0/0	19	-	-	0/0	-
20724	29	Zone 22 - Harris & Roome, Charlotte St	0/0	0	-	-	0/0	-
15872	30	Zone 23 - NBCC, Grandview Avenue	0/0	0	-	-	0/0	-
15781	31	Zone 24 - Meter Station, Park Drive	0/0	0	-	-	0/0	-
15463	32	Zone 25 - WWTP, Woodward Avenue	0/0	12	-	-	0/0	-
21170	33	Zone 26 - Pump Stn., Ocean Dr. (Treated)	0/0	9	-	-	0/0	-
21181	34	Zone 27 - Pump Stn., Seaward Cres. (Treated)	0/0	6	-	-	0/0	-
21192	35	Zone 28 - Sampling Hydrant, Eden Street	-	-	0/0	15	0/0	-
21205	36	Zone 29 - Sampling Hydrant, Aberdeen Ave	0/0	2	-	-	0/0	-
26119	37	Zone 30 - Spruce Lake WTP, Ocean Westway	0/0	10	-	-	0/0	-
26120	38	Zone 31 - SJ Visitors Information Center	-	-	-	-	-	-
26131	39	Zone 32 - Seamasters, 901 Ashburn Road	0/0	6	-	-	0/0	-
26142	40	Zone 33 - St. Mark's Church, Dexter Drive	0/0	0	-	-	0/0	-
26153	41	Zone 34 - Subway, Westwind Place	0/0	5	-	-	0/0	-
26164	42	Zone 35 - SJLS, 1216 Sand Cove Road	0/0	12	-	-	0/0	-

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjls.ca

## Summary of Water Testing for February 2022

		Lab ID:	G31310-22	G31321-22	G31355-22
		Date:	Feb 15/22	Feb 16/22	Feb 22/22
		Parameters:	TC/EC	TC/EC	TC/EC
SID	#	Sample Location			
15667	1	Source 1 – Spruce Lake (Raw)	7/0*	-	74/1*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	-	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	-	0/0
15509	4	Source 4 – Latimer Lake (Raw)	7/0*	-	28/1*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	-	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	-	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	-	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	-	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	-	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	-	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	-	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	-	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	-	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	-	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	-	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	-	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	-	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	-	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	-	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	-	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	-	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	-	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	-	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	-	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	-	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	-	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	-	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	-	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	-	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	-	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	-	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	-	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	-	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	-	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	-	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	-	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	-	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	-	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	-	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0*	-	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	-	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

February 18, 2022

Report #: G31345-22, Analysis of water sample.

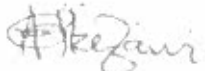
One sample was submitted for analysis February 17, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G31345-1	41	Zone 34 – Subway	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: sjls@nb.aibn.com

www.sjls.ca

## Summary of Water Testing for March 2022

		Lab ID:	G31407-22		G31462-22	G31535-22
		Date:	March 1/22		March 8/22	March 15/22
		Parameters:	TC/EC	HPC	TC/EC	TC/EC
SID	#	Sample Location				
15667	1	Source 1 – Spruce Lake (Raw)	8/0*	1450	17/1*	21/1*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	27	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	68	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	11/0*	1700	19/0*	8/1*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	96	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	15	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	42	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	0	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	0	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	03	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	2	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	14	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	4	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	2	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	2	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	1	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	1	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	1	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	3	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	2	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	3	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	0	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	0	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	1	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	4	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	2	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	0	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	0	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	61	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	3	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	0	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	0	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	1	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	0	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	4	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	8	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	2	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)

## Summary of Water Testing for March 2022

		Lab ID:	G31591-22	G31630-22
		Date:	Mar 22/22	Mar 29/22
		Parameters:	TC/EC	TC/EC
SID	#	Sample Location		
15667	1	Source 1 – Spruce Lake (Raw)	16/0*	15/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	9/1*	6/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjls.ca

## Summary of Water Testing for April 2022

		Lab ID:	G31672-22	G31733-22	G31771-22
		Date:	April 5/22	April 12/22	April 19/22
		Parameters:	TC/EC	HPC	TC/EC
SID	#	Sample Location			
15667	1	Source 1 – Spruce Lake (Raw)	11/1*	48100	14/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	165	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	426	0/0
15509	4	Source 4 – Latimer Lake (Raw)	3/0*	37400	7/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	228	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	91	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	166	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	12	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	117	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	101	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	84	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	61	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	94	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	85	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	15	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	22	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	39	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	36	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	40	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	22	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	91	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	37	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	32	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	30	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	33	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	56	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	34	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	27	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	51	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	48	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	44	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	52	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	22	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	17	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	56	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	70	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	14	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	83	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	34	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	56	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	40	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjlabs.ca

## Summary of Water Testing for April 2022

		Lab ID:	G31788-22	G31828-22
		Date:	April 20/22	April 26/22
		Parameters:	TC/EC	TC/EC
SID	#	Sample Location		
15667	1	Source 1 – Spruce Lake (Raw)	-	42/1*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	-	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	-	0/0
15509	4	Source 4 – Latimer Lake (Raw)	-	8/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	-	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	-	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	-	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	-	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	-	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	-	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	-	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	-	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	-	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	-	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	-	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	-	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	-	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	-	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	-	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	-	0/0
20315	21	Zone 14 – Fundy Heights Convenience	-	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	-	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	-	0/0
21056	24	Zone 17 – PRV Station, Gault Road	-	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	-	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	-	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	-	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	-	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	-	0/0
15781	31	Zone 24 – Meter Station, Park Drive	-	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	-	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	-	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	-	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	-	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	-	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	-	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	-	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	-	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

April 14, 2022

Report #: G31741-22, Analysis of water sample.

One sample was submitted for analysis April 13, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G31741-1		Zone 28 – Sampling Hydrant, Eden Street	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)

## Summary of Water Testing for May 2022

[www.sjls.ca](http://www.sjls.ca)

		Lab ID:	G31878-22		G31940-22	G31994-22
		Date:	May 3/22		May 10/22	May 17/22
		Parameters:	TC/EC	HPC	TC/EC	TC/EC
SID	#	Sample Location				
15667	1	Source 1 – Spruce Lake (Raw)	37/1*	7000	11/4*	11/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	19	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	44	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	8/0*	2600	8/0*	1/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	34	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	28	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	16	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	17	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	15	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	25	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	3	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	21	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	14	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	10	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	25	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	32	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	21	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	1	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	4	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	20	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	15	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	7	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	7	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	1	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	6	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	4	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	1	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	1	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	8	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	10	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	3	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	34	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	5	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	6	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	10	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	7	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	26	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	16	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	8	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	8	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	15	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjlabs.ca

## Summary of Water Testing for May 2022

		Lab ID:	G311050-22	G311119-22
		Date:	May 24/22	May 31/22
		Parameters:	TC/EC	TC/EC
SID	#	Sample Location		
15667	1	Source 1 – Spruce Lake (Raw)	18/4*	12/4*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	8/2*	6/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	0/0
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjls.ca](http://www.sjls.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

May 13, 2022

Report #: G31972-22, Analysis of water sample.

One sample was submitted for analysis May 12, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G31972-1	13	Zone 6 – Fundy Linen	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com

## Summary of Water Testing for June 2022

www.sjllabs.ca

		Lab ID:	G311182-22	G311238-22	G311301-22	G311360-22	
		Date:	June 7/22	June 14/22	June 21/22	June 28/22	
		Parameters:	TC/EC	HPC	TC/EC	TC/EC	
SID	#	Sample Location					
15667	1	Source 1 – Spruce Lake (Raw)	549/9*	2850	187/3*	1/0*	8/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	32	1/0	1/0*	0/0*
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	23	0/0	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	17/1*	4000	20/2*	16/1*	29/10*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	40	0/0	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	7	0/0	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	9	0/0	0/0	1/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	126	0/0	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	17	0/0	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0*	142	0/0	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	28	0/0	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	48	0/0	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	0	0/0	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	11	0/0	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	7	0/0	1/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	1	0/0	0/0*	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	7	0/0	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	27	0/0	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	3	0/0	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	22	0/0	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	26	0/0	0/0*	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	20	0/0	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	10	0/0	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	11	0/0	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	9	0/0	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	5	0/0	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	6	0/0	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	2	0/0	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	47	0/0	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	2	0/0	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	69	0/0	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	9	0/0	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0	0/0	0/0	11/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	6	0/0	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	5	0/0	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0	0/0	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	5	0/0	0/0	4/0*
26120	38	Zone 31 – SJ Visitors Information Center	0/0	55	0/0	0/0	0/0
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	5	0/0	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	8	0/0	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	13	0/0	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	8	0/0	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-colliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

June 10, 2022

Report #: G311212-22, Analysis of water sample.

One sample was submitted for analysis June 9, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311212-1	10	Zone 3 – Ridgewood Lift Station	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

June 12, 2022

Report #: G311227-22, Analysis of water sample.

Two samples were submitted for analysis June 11, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311227-1	2	Source 2 – Pump Stn., Ocean Dr. (Raw), 12:55	0	0
G311227-2	2	Source 2 – Pump Stn., Ocean Dr. (Raw), 13:25	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

June 24, 2022

Report #: G311332-22, Analysis of water sample.

Three samples were submitted for analysis June 23, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311332-1	15	Zone 8 – Pump Stn., Riverview Drive	0	0
G311332-2	16	Zone 9 – Doiron Sports, Greenhead Road	0	0
G311332-3	21	Zone 14 – Fundy Heights Convenience	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

July 1, 2022

Report #: G311399-22, Analysis of water sample.

Two samples were submitted for analysis June 30, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311399-1	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0	0
G311399-2	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com

## Summary of Water Testing for July 2022

www.sjls.ca

SID	#	Sample Location	Lab ID:		G311419-22	G311489-22	G311555-22	G311624-22
			Date:		July 5/22	July 12/22	July 19/22	July 26/22
			Parameters:		TC/EC	HPC	TC/EC	TC/EC
15667	1	Source 1 – Spruce Lake (Raw)	41/11*	5900	32/6	98/10*	39/7*	
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	891	0/0	0/0	0/0	
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	4	0/0	0/0	0/0	
15509	4	Source 4 – Latimer Lake (Raw)	24/0*	6600	14/1	39/1*	7/2*	
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	62	0/0	0/0	0/0	
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	20	0/0	0/0	0/0	
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	57	0/0	0/0	0/0	
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	9	0/0	0/0	0/0	
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	9	0/0	0/0	0/0	
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	1/0*	680	0/0	0/0	0/0	
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0	0/0	0/0	0/0	
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	5	0/0	0/0	0/0	
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	33	0/0	0/0	0/0	
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0	0/0	0/0	0/0	
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	2	0/0	0/0	0/0	
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	0	0/0	0/0	0/0	
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	4	0/0	0/0	0/0	
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	0	0/0	0/0	0/0	
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	0	0/0	0/0	0/0	
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	2	0/0	0/0	0/0	
20315	21	Zone 14 – Fundy Heights Convenience	0/0	2	0/0	2/0	0/0	
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0	0/0	0/0	0/0	
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0	0/0	0/0	0/0	
21056	24	Zone 17 – PRV Station, Gault Road	0/0	1	0/0	0/0	0/0	
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	0	0/0	0/0	0/0	
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	0	0/0	0/0	0/0	
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	2	0/0	0/0	0/0	
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	2	0/0	0/0	0/0	
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	102	0/0	0/0	0/0	
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	7	0/0	0/0	0/0	
15781	31	Zone 24 – Meter Station, Park Drive	0/0	9	0/0	0/0	0/0	
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	39	0/0	0/0	0/0	
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0	0/0	0/0	0/0	
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	5	0/0	0/0	0/0	
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	20	0/0	0/0	0/0	
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	3	0/0	0/0	0/0	
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	4	0/0	0/0	0/0	
26120	38	Zone 31 – SJ Visitors Information Center	0/0	67	0/0	0/0	0/0*	
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	0	0/0	0/0	0/0	
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	0	0/0	0/0	0/0	
26153	41	Zone 34 – Subway, Westwind Place	0/0	78	0/0	0/0	0/0	
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	1	0/0	0/0	0/0	

Note: TNTC-too numerous to count      -- not available      \*non-colliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

July 8, 2022

Report #: G311472-22, Analysis of water sample.

One sample was submitted for analysis July 7, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311472-1	10	Zone 3 – Ridgewood Lift Station, Bay Street	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

July 22, 2022

Report #: G311595-22, Analysis of water sample.

One sample was submitted for analysis July 21, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311595-1	21	Zone 14 – Fundy Heights Convenience	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

July 29, 2022

Report #: G311655-22. Analysis of water sample.

One sample was submitted for analysis July 28, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311655-1	38	Zone 31 – SJ Visitors Information Center	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:

P.O. Box 931

Saint John, New Brunswick

E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)

## Summary of Water Testing for August 2022

		Lab ID:	G311896-22	<a href="http://www.sjls.ca">www.sjls.ca</a>
		Date:	Aug 23/22	Aug 30/22
		Parameters:	TC/EC	TC/EC
SID	#	Sample Location		
15667	1	Source 1 – Spruce Lake (Raw)	60/4*	28/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	24/0*	12/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0*	0/0*
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	0/0	0/0
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	3/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

100

100 100 100 100 100

100 100 100 100

100 100

100 100



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjls.ca](http://www.sjls.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

August 12, 2022

Report #: G311808-22, Analysis of water sample.

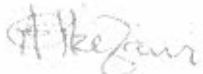
One sample was submitted for analysis August 11, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311808-1	10	Zone 3 – Ridgewood Lift Station, Bay Street	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjlab.ca

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

August 26, 2022

Report #: G311942-22, Analysis of water sample.

Two samples were submitted for analysis August 25, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311942-1	10	Zone 3 – Ridgewood Lift Station, Bay Street	0	0
G311942-2	40	Zone 33 – St. Mark's Church, Dexter Drive	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

August 27, 2022

Report #: G311952-22, Analysis of water sample.

One sample was submitted for analysis August 26, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311952-1	40	Zone 33 – St. Mark's Church, Dexter Drive	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:

P.O. Box 931

Saint John, New Brunswick

E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)

## Summary of Water Testing for September 2022

SID	#	Sample Location	Lab ID: G312004-22		G312100-22	G312147-22	G312207-22
			Date: Sept 6/22	Sept 13/22	Sept 20/22	Sept 27/22	
Parameters:			TC/EC	HPC	TC/EC	TC/EC	TC/EC
15667	1	Source 1 – Spruce Lake (Raw)	42/6	8100	13/0*	110/0*	310/10*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	248	0/0	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	40	0/0	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	13/0*	10000	18/14*	19/3*	6/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	60	0/0	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	2	0/0	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	2	0/0	1/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	58	0/0	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	8	0/0	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	0	0/0	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	57	0/0	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	6	0/0	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	31	0/0	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	2	4/0*	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	40	0/0	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	62	0/0	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	5	0/0	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	4	0/0	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	12	0/0	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	15	0/0	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	22	0/0	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	6	0/0	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	5	0/0	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	27	0/0	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	21	0/0	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	19	0/0	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	3	0/0	0/0	0/0
12126	28	Zone 21 – Churchill Heights Reservoir	0/0	3	0/0	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	415	0/0	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	32	0/0	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	18	0/0	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	202	0/0	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	10	0/0	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	14	0/0	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	4	0/0	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	25	0/0	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	1	0/0	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	0/0	484	-	0/0	0/0
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	7	0/0	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	43	0/0	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	341	1/0*	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	8	0/0	0/0	0/0

Note: TNTC-too numerous to count

- not available

\*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)

[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

September 3, 2022

Report #: G311996-22, Analysis of water sample.


One sample was submitted for analysis September 2, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G311996-1	10	Zone 3 – Ridgewood Lift Station, Bay Street	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

September 16, 2022

Report #: G312129-22, Analysis of water sample.

Two samples were submitted for analysis September 15, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312129-1	14	Zone 7 – Ryerson Metals, Whiteborne Way	0	0
G312129-2	41	Zone 34 – Subway, Westwind Place	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

**Mailing address:**

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

September 16, 2022

Report #: G312134-22, Analysis of water sample.

One sample was submitted for analysis September 15, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312134-1	38	Zone 31 – SJ Visitors Information Center	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

**Laboratory location:** 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

September 17, 2022

Report #: G312143-22, Analysis of water sample.

One sample was submitted for analysis September 16, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312143-1	14	Zone 7 – Ryerson Metals, Whiteborne Way	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:

P.O. Box 931

Saint John, New Brunswick

E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)

## Summary of Water Testing for October 2022

SID	#	Sample Location	Lab ID: G312268-22		G312330-22	G312390-22	G312459-22
			Date: Oct 4/22		Oct 11/22	Oct 18/22	Oct 25/22
			Parameters: TC/EC		HPC	TC/EC	TC/EC
15667	1	Source 1 – Spruce Lake (Raw)	70/2*	600	55/10*	0/0	11/0*
15805	2	Source 2 – Pump Stn.. Ocean Dr. (Raw)	0/0	121	0/0	0/0	0/0
15521	3	Source 3 – Pump Stn.. Seaward Cres. (Raw)	0/0	7	0/0	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	14/0*	119	55/0*	102/0*	18/2*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	69	0/0	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	18	0/0	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	10	0/0	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	41	0/0	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	4	0/0	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	4	0/0	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	9	0/0	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	1	0/0	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	2	0/0	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	2	0/0	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	2	0/0	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	5	0/0	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	0	0/0	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	3	0/0	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	0	0/0	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	0	0/0	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	2	0/0	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	2	0/0	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	2	0/0	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	1	0/0	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	1	0/0	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	7	0/0	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	1	0/0	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	2	0/0	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	61	0/0	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	7	0/0	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	2	0/0	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	44	0/0	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	1	0/0	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	0	0/0	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	3	0/0	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	3	0/0	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	1	0/0	0/0	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	1	0/0	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	6	0/0	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	61	0/0	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	1	0/0	0/0	0/0

Note: TNTC-too numerous to count

- not available

\*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)

## Summary of Water Testing for November 2022

[www.sjls.ca](http://www.sjls.ca)

		Lab ID:	G312513-22	G312571-22	G312622-22
		Date:	Nov 1/22	Nov 8/22	Nov 15/22
		Parameters:	TC/EC	HPC	TC/EC
SID	#	Sample Location			
15667	1	Source 1 – Spruce Lake (Raw)	15/0*	10050	31/1*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	78	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	12	0/0
15509	4	Source 4 – Latimer Lake (Raw)	20/0*	3550	19/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	202	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	38	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	28	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	18	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	1	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	3	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	4	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	4	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	1	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	1	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	1	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0*	8	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	1	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	1	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	5	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	3	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	4	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	1	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	29	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	4	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	8	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	43	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	1	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	231	3/0*
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	7	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	25	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	39	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	8	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	19	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	13	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	6	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	124	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	9	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	3	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	52	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	4	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjls.ca](http://www.sjls.ca)

## Summary of Water Testing for November 2022

		Lab ID:	G312680-22	G312731-22
		Date:	Nov 22/22	Nov 29/22
		Parameters:	TC/EC	TC/EC
SID	#	Sample Location		
15667	1	Source 1 – Spruce Lake (Raw)	107/2*	4/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	0/0
15509	4	Source 4 – Latimer Lake (Raw)	31/2*	28/2*
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	0/0
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	0/0
20315	21	Zone 14 – Fundy Heights Convenience	0/0	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	0/0
21056	24	Zone 17 – PRV Station, Gault Road	0/0	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	0/0
15781	31	Zone 24 – Meter Station, Park Drive	0/0	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	0/0*
26120	38	Zone 31 – SJ Visitors Information Center	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	0/0
26153	41	Zone 34 – Subway, Westwind Place	0/0	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjls.ca](http://www.sjls.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

November 4, 2022

Report #: G312555-22. Analysis of water sample.

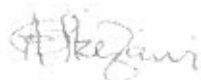
One sample was submitted for analysis November 3, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312555-1	16	Zone 9 – Doiron Sports, Greenhead Road	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

November 11, 2022

Report #: G312609-22, Analysis of water sample

One sample was submitted for analysis November 10, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312609-1	29	Zone 22 – Harris & Roome, Charlotte St	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

November 15, 2022

Report #: G312612-22. Analysis of water sample

One sample was submitted for analysis November 14, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312612-1	29	Zone 22 – Harris & Roome, Charlotte St	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

November 19, 2022

Report #: G312669-22. Analysis of water sample

One sample was submitted for analysis November 18, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312669-1	34	Zone 27 – Pump Stn. 14 Seaward Crescent	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8*

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

November 22, 2022

Report #: G312678-22. Analysis of water sample

One sample was submitted for analysis November 21, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312678-1	34	Zone 27 – Pump Stn. 14 Seaward Crescent	0	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided. SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:

P.O. Box 931

Saint John, New Brunswick

E2L 4E3

Tel: (506) 635-4938

Fax: (506) 672-8000

E-mail: sjls@nb.aibn.com

## Summary of Water Testing for December 2022

www.sjls.ca

SID	#	Sample Location	Lab ID:		G312789-22	G312850-22	G312905-22
			Date:	Dec 6/22	Dec 13/22	Dec 20/22	
Parameters:			TC/EC	HPC	TC/EC	TC/EC	
15667	1	Source 1 – Spruce Lake (Raw)	93/5*	1900	55/2*	10/0*	
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	0/0	242	0/0	0/0	
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	0/0	122	0/0	0/0	
15509	4	Source 4 – Latimer Lake (Raw)	66/0*	3950	61/1*	20/0*	
25343	5	Source 5 – Southbay Well #1 (Raw)	0/0	91	0/0	0/0	
25354	6	Source 6 – Southbay Well #2 (Raw)	0/0	33	0/0	0/0	
25365	7	Source 7 – Southbay Well #3 (Raw)	0/0	4	0/0	0/0	
19716	8	Zone 1 – Jones Variety, City Line Road	0/0	3	0/0	0/0	
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	0/0	4	0/0	0/0	
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	0/0	11	0/0	0/0	
15087	11	Zone 4 – City Works Complex, Rothesay Ave	0/0	2	0/0	0/0	
21045	12	Zone 5 – Eastern WWTP, Red Head Road	0/0	3	0/0	0/0	
15349	13	Zone 6 – Fundy Linen, King William Road	0/0	3	0/0	0/0	
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	0/0	0	0/0	0/0	
21852	15	Zone 8 – Pump Stn., Riverview Drive	0/0	3	0/0	0/0	
19363	16	Zone 9 – Doiron Sports, Greenhead Road	0/0	6	0/0	0/0	
18359	17	Zone 10 – PRV Chamber, Kenn Drive	0/0	4	0/0	0/0	
15145	18	Zone 11 – Pump Stn., Highland Road	0/0	4	0/0	0/0	
15112	19	Zone 12 – Pump Stn., Golden Grove Road	0/0	14	0/0	0/0	
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	0/0	2	0/0	0/0	
20315	21	Zone 14 – Fundy Heights Convenience	0/0	1	0/0	0/0	
15747	22	Zone 15 – Pump Stn., University Avenue	0/0	12	0/0	0/0	
15645	23	Zone 16 – Pump Stn., Somerset Street	0/0	10	0/0	0/0	
21056	24	Zone 17 – PRV Station, Gault Road	0/0	3	0/0	0/0	
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	0/0	5	0/0	0/0	
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	12	0/0	-	
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	0/0	1	0/0	0/0	
21216	28	Zone 21 – Churchill Heights Reservoir	0/0	4	0/0	0/0	
20724	29	Zone 22 – Harris & Roome, Charlotte St	0/0	16	0/0	0/0	
15872	30	Zone 23 – NBCC, Grandview Avenue	0/0	2	0/0	0/0	
15781	31	Zone 24 – Meter Station, Park Drive	0/0	1	0/0	0/0	
15463	32	Zone 25 – WWTP, Woodward Avenue	0/0	11	0/0	0/0	
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	0/0	0	0/0	0/0	
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	0/0	5	0/0	0/0	
21192	35	Zone 28 – Sampling Hydrant, Eden Street	0/0	2	0/0	0/0	
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	0/0	6	0/0	0/0	
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	0/0	93	0/0	0/0	
26120	38	Zone 31 – SJ Visitors Information Center	-	-	-	-	
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	0/0	1	0/0	0/0	
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	0/0	7	0/0	0/0	
26153	41	Zone 34 – Subway, Westwind Place	0/0	14	0/0	0/0	
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	0/0	14	0/0	0/0	

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

Mailing address:  
P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjls.ca](http://www.sjls.ca)

## Summary of Water Testing for December 2022

		Lab ID:	G312915-22	G312930-22
		Date:	Dec 21/22	Dec 28/22
		Parameters:	TC/EC	TC/EC
SID	#	Sample Location		
15667	1	Source 1 – Spruce Lake (Raw)	-	45/0*
15805	2	Source 2 – Pump Stn., Ocean Dr. (Raw)	-	0/0
15521	3	Source 3 – Pump Stn., Seaward Cres. (Raw)	-	0/0*
15509	4	Source 4 – Latimer Lake (Raw)	-	24/0*
25343	5	Source 5 – Southbay Well #1 (Raw)	-	0/0
25354	6	Source 6 – Southbay Well #2 (Raw)	-	0/0
25365	7	Source 7 – Southbay Well #3 (Raw)	-	0/0
19716	8	Zone 1 – Jones Variety, City Line Road	-	0/0
15441	9	Zone 2 – Carleton Comm. Center, Market Pl	-	0/0
15407	10	Zone 3 – Ridgewood Lift Station, Bay Street	-	0/0
15087	11	Zone 4 – City Works Complex, Rothesay Ave	-	0/0*
21045	12	Zone 5 – Eastern WWTP, Red Head Road	-	0/0
15349	13	Zone 6 – Fundy Linen, King William Road	-	0/0
15725	14	Zone 7 – Ryerson Metals, Whiteborne Way	-	0/0
21852	15	Zone 8 – Pump Stn., Riverview Drive	-	0/0
19363	16	Zone 9 – Doiron Sports, Greenhead Road	-	0/0
18359	17	Zone 10 – PRV Chamber, Kenn Drive	-	0/0
15145	18	Zone 11 – Pump Stn., Highland Road	-	0/0
15112	19	Zone 12 – Pump Stn., Golden Grove Road	-	0/0
17367	20	Zone 13 – Pump Stn., Loch Lomond Road	-	0/0
20315	21	Zone 14 – Fundy Heights Convenience	-	0/0
15747	22	Zone 15 – Pump Stn., University Avenue	-	0/0
15645	23	Zone 16 – Pump Stn., Somerset Street	-	0/0
21056	24	Zone 17 – PRV Station, Gault Road	-	0/0
15236	25	Zone 18 – Pump Stn., Fish Hatchery Road	-	0/0
15543	26	Zone 19 – Stand Pipe, Willie Avenue	0/0	0/0
19965	27	Zone 20 – Travelodge Suites, Fairville Blvd.	-	0/0
21216	28	Zone 21 – Churchill Heights Reservoir	-	0/0
20724	29	Zone 22 – Harris & Roome, Charlotte St	-	0/0
15872	30	Zone 23 – NBCC, Grandview Avenue	-	0/0
15781	31	Zone 24 – Meter Station, Park Drive	-	0/0
15463	32	Zone 25 – WWTP, Woodward Avenue	-	0/0
21170	33	Zone 26 – Pump Stn., Ocean Dr. (Treated)	-	0/0
21181	34	Zone 27 – Pump Stn., Seaward Cres. (Treated)	-	0/0
21192	35	Zone 28 – Sampling Hydrant, Eden Street	-	0/0
21205	36	Zone 29 – Sampling Hydrant, Aberdeen Ave	-	0/0
26119	37	Zone 30 – Spruce Lake WTP, Ocean Westway	-	0/0
26120	38	Zone 31 – SJ Visitors Information Center	-	-
26131	39	Zone 32 – Seamasters, 901 Ashburn Road	-	0/0
26142	40	Zone 33 – St. Mark's Church, Dexter Drive	-	0/0
26153	41	Zone 34 – Subway, Westwind Place	-	0/0
26164	42	Zone 35 – SJLS, 1216 Sand Cove Road	-	0/0

Note: TNTC-too numerous to count      - not available      \*non-coliform bacteria present

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

**Mailing address:**

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: [sjls@nb.aibn.com](mailto:sjls@nb.aibn.com)  
[www.sjlabs.ca](http://www.sjlabs.ca)

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

December 2, 2022

Report #: G312766-22, Analysis of water sample

One sample was submitted for analysis December 1, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312766-1	37	Zone 30 – Spruce Lake WTP, Ocean Westway *Please note: Non-coliform bacteria present.	0*	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8

# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

*Mailing address:*

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjls.ca

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

December 3, 2022

Report #: G312777-22. Analysis of water sample

One sample was submitted for analysis December 2, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312777-1	37	Zone 30 – Spruce Lake WTP, Ocean Westway <small>*Please note: Non-coliform bacteria present</small>	0*	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

*Laboratory location:* 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8



# Saint John Laboratory Services Ltd.

Environmental, Chemical & Microbiological Services, Research & Development

**Mailing address:**

P.O. Box 931  
Saint John, New Brunswick  
E2L 4E3

Tel: (506) 635-4938  
Fax: (506) 672-8000  
E-mail: sjls@nb.aibn.com  
www.sjllabs.ca

City of Saint John  
P.O. Box 1971  
Saint John, New Brunswick  
E2L 4L1

December 6, 2022

Report #: G312779-22, Analysis of water sample

One sample was submitted for analysis December 5, 2022. Tests for Total Coliforms and E. coli were performed. Please see below.

## RESULTS

Lab ID	CSJ #	Sample Identification	Total Coliforms cfu/100mL	E. coli cfu/100mL
G312779-1	37	Zone 30 – Spruce Lake WTP, Ocean Westway *Please note: Non-coliform bacteria present	0*	0

If you have any questions concerning this report, please do not hesitate to contact me.

Sincerely,



Apollos Ikejiani, Ph.D., MCIC  
Director of Laboratory Services

Except for the quality of test result provided, SJLS makes no other claims as to the integrity of the sample submitted.

**Laboratory location: 1216 Sand Cove Road, Saint John, New Brunswick, E2M 5V8**

## Appendix E

Certificate of Approval to Operate  
Water Sampling Plan with Map  
ACE Review



## SCHEDULE "A"

### A. DEFINITIONS

**"Accredited"** means accreditation to ISO/IEC 17025 by the Standards Council of Canada (SCC), the Canadian Association for Laboratory Accreditation Inc. (CALA), or accreditation to ISO/IEC 17025 from another body that is recognized to grant such accreditation per ISO/IEC 17011 criteria, subject to approval by the *Director*.

**"Approval Holder"** means the entity to which this Approval is issued, as named on the Certificate page of this Approval.

**"Certified"** means a valid certificate of qualification that states the class of the *Operator* issued by the Minister of the New Brunswick Department of Post-Secondary Education, Training and Labour.

**"Department"** means the New Brunswick Department of Environment and Local Government.

**"Director"** means the Director of the Authorizations Branch of the *Department* and includes any person designated to act on behalf of the *Director*.

**"Water Treatment Facilities"** means water treatment unit as defined in the *Water Quality Regulation 82-126*.

**"Operator"** means a person who directs, adjusts, inspects, tests or evaluates an operation or process that controls the effectiveness or efficiency of the waterworks.

**"Operator in Charge"** means direct responsibility designated by the *Approval Holder* for the overall operation and/or repair and/or maintenance of the waterworks.

**"Trained"** means a person who has successfully completed training as described in the Operation & Maintenance section of this Approval.

### B. GENERAL INFORMATION

1. This Certificate of Approval does not relieve the *Approval Holder* from compliance with other bylaws, federal or provincial acts or regulations, or any guidelines or directives pursuant to regulations.

**C. TERMS AND CONDITIONS - SOURCE**

2. The *Approval Holder* shall ensure that operational pumping rate(s) and maximum daily pumping time (if applicable) included in the table below for all potable water sources are not exceeded at any time. The *Approval Holder* shall ensure that the number of hours pumped and either the pumping rate or equivalent water withdrawal are recorded at the frequency listed below.

Source	Operational Pumping Rate <sup>(1)</sup>	Max Water Withdrawal (m <sup>3</sup> /d)	Max Daily Pumping Time (hrs/d)	Flow Monitoring Frequency <sup>(2)</sup>
PW1	5 ML/day	3600	n/a	Daily
PW2	(763.8 igpm)	3600	n/a	Daily
PW3	combined	3600	n/a	Daily
Ocean Drive	7.00 L/s (92.4 igpm)	604.8	n/a	Daily
Seaward Cr.	7.00 L/s (92.4 igpm)	604.8	n/a	Daily

igpm: imperial gallons per minute

L/s: litres per second

ML/day: million litres per day

m<sup>3</sup>/d: cubic metres per day

- (1) *Maximum pumping rates originally derived from the Wellfield study for the City of Saint John (2009), for Ocean Drive and Seaward Crescent, and the South Bay Wellfield Environmental Impact Assessment (2015) for PW1, PW2, and PW3 have been modified based on operational observations to ensure that the water level in each well does not drop below +1m above mean sea level (amsl) as indicated in section 27.*
- (2) *Daily means as a minimum 5 days per week.*
- (3) *5 ML/day operational pumping rate for the South Bay Wellfield is to be averaged over a running annual basis (i.e. a maximum of 1810 ML pumped over 365 days)*
3. The *Approval Holder* shall notify the *Director* in writing when any municipal drinking water source will be re-activated or initiated. Start-up of such a source cannot be undertaken until approval is received from the *Director*.
4. The *Approval Holder* shall ensure that any well that has, or may have, been contaminated as a result of construction, servicing or maintenance is disinfected, sampled and tested for microbiological parameters to verify the effectiveness of disinfection according to the latest version of "AWWA C654, Disinfection of Wells". All samples collected must be tested by a laboratory *Accredited* for *E. coli* and Total Coliform and records of all such activities, including disinfection records and microbiological results, must be maintained.

**D. TERMS AND CONDITIONS - TREATMENT**

5. The *Approval Holder* shall ensure that any *Water Treatment Facilities* temporarily taken out of service for cleaning, inspection, maintenance, painting, repair or any other activity that might lead to contamination of water are disinfected, sampled and tested for microbiological parameters to verify the effectiveness of disinfection according to latest version of "AWWA C653, Disinfection of Water Treatment Plants". All samples collected must be tested by a laboratory *Accredited* for *E. coli* and Total Coliform and records of all such disinfection activities and microbiological results must be maintained.

**E. TERMS AND CONDITIONS - OPERATION & MAINTENANCE**

6. The *Approval Holder* shall ensure that cleaning products used in the vicinity of the waterworks shall be approved for use in the food processing industry.
7. The *Approval Holder* shall ensure that all chemicals added to the drinking water meet the safety criteria and are certified to NSF/ANSI Standard 60: Drinking Water Treatment Chemicals, or an equivalent food grade standard, as approved by the *Director*.
8. The *Approval Holder* shall ensure that all new materials and equipment installed or added that come into contact with the drinking water meet the safety criteria and are certified to NSF/ANSI Standard 61: Drinking Water System Components, or an equivalent food grade standard, as approved by the *Director*.
9. The *Approval Holder* shall ensure that construction and/or as-built drawings for the waterworks are maintained and made available to the *Department* upon request.
10. The *Approval Holder* shall ensure that mitigation measures in the Abbreviated Wellfield Monitoring Plan are followed.
11. The *Approval Holder* shall notify the *Director* within one (1) business day when the *Operator in Charge* leaves the employ of the *Approval Holder* or is placed on extended leave. A transition plan must be submitted to the *Director* within thirty (30) days after the first day that the waterworks is without an *Operator in Charge*.
12. The *Approval Holder* shall ensure that the waterworks is operated and maintained by a *Trained Operator* at all times. All recently-hired operators must work under the direct supervision of a *Trained Operator* until such time as the appropriate training is completed.
13. The *Approval Holder* shall ensure that if a *Trained Operator* is not available to operate and maintain the waterworks, the *Approval Holder* shall immediately notify the New Brunswick Department of Health.

**During normal business hours, contact the New Brunswick Department of Health's Regional Office.**

**After hours, or when a person cannot be spoken to directly, contact the: NB Department of Health After Hours Phone Number.**

Health Region	Business Hours Phone Number	After Hours Phone Number
South - <i>Region 2</i> (Saint John and area)	(506) 658-3022	(506) 658-2764

WATER DISTRIBUTION SYSTEM – TRAINING AND CERTIFICATION

14. The *Approval Holder* shall ensure that all water distribution system *Operators* complete the New Brunswick Community College Water Distribution Fundamentals Program, the California State University Water Distribution System Operation and Maintenance course, or an equivalent, as approved by the *Director*, in accordance with *Water Quality Regulation 82-126*, section 19.
15. The *Approval Holder* shall ensure that the certification level of the *Operator in Charge* is at least equivalent to the classification of the water distribution system.
16. The *Approval Holder* shall employ, as a minimum, the following *Certified Operator(s)* based on the Class of the water distribution system listed on the Certificate page of this Approval.

Water Distribution Class	Water Distribution (WD) <i>Certified Operator(s)</i>
I	Minimum one Class I
II	Minimum two; one Class II and one Class I
III	Minimum two; one Class III and one Class II
IV	Minimum two; one Class IV and one Class III

WATER TREATMENT FACILITIES – TRAINING AND CERTIFICATION

17. The *Approval Holder* shall ensure that all water treatment *Operators* complete the New Brunswick Community College Treatment Operation Fundamentals Program, the California State University Treatment Plant Operation (Volumes I & II) course, or an equivalent, as approved by the *Director*, in accordance with *Water Quality Regulation 82-126*, section 19.
18. The *Approval Holder* shall ensure that the certification level of the *Operator in Charge* is at least equivalent to the classification of the *Water Treatment Facilities*.
19. The *Approval Holder* shall employ, as a minimum, the following *Certified Operator(s)* based on the Class of the *Water Treatment Facilities* listed on the Certificate page of this Approval.

Water Treatment Class	Water Treatment (WT) <i>Certified Operator(s)</i>
I	Minimum one Class I
II	Minimum two; one Class II and one Class I
III	Minimum two; one Class III and one Class II
IV	Minimum two; one Class IV and one Class III



**F. TERMS AND CONDITIONS - MONITORING & ALARMS**

20. The *Approval Holder* shall ensure that access to the waterworks is restricted to authorized personnel only.
21. The *Approval Holder* shall ensure that all on-line and portable monitoring equipment is calibrated in accordance with manufacturer's recommendations. Records of calibration activities shall be kept and made available to the *Department* upon request.
22. The *Approval Holder* shall use laboratories that are *Accredited* for all parameters listed and tested for as part of the Sampling Plan, approved under the *Potable Water Regulation 93-203*.
23. The *Approval Holder* shall ensure that the drinking water supplied to the users meets the New Brunswick Maximum Acceptable Concentrations, for the parameters listed in the Sampling Plan, approved under the *Potable Water Regulation 93-203*.
24. The *Approval Holder* shall monitor all of the parameters included in the table below at the locations and frequencies specified.

Parameter	Min. No. of Locations	Minimum Frequency
Free Chlorine Residual	11 distribution system sites (East)	Once per week <sup>(1)</sup>
	9 distribution system sites (West)	Once per week <sup>(1)</sup>
	1 control site (East)	5 days per week
	1 control site (West)	
Water Production	Surface water	Monthly
Water Production	Ground water	Daily
Water Level	3 South Bay Wellfield sources	Daily
Turbidity	Latimer Lake	5 days per week

1) *Monitoring at the distribution system sites must be distributed evenly throughout the week on a minimum of 4 separate days*

25. The *Approval Holder* shall submit an annual report for the reporting period of January to December to the *Director*, no later than March 1<sup>st</sup> of the following year. The report shall include the following (if applicable):
- a) monitoring results for parameters required in this Approval including daily or weekly water production;
  - b) monthly water production in m<sup>3</sup>;
  - c) water usage (flowmeter), and water level data for the South Bay production wells;
  - d) operational highlights (significant incidents & system improvements, changes or additions);
  - e) alarm log;

- f) summary of backflow prevention and cross-connection control activities;
  - g) summary of flushing activities;
  - h) *Operator* information (training, certification & staffing changes);
  - i) public relations (notifications & public education);
  - j) list of new extensions and/or renewals complete with analytical results (microbiological, organic & inorganic); and
  - k) additional comments.
26. The *Approval Holder* shall be required to continuously monitor and record, with measurements taken at no more than five-minute intervals, turbidity and free chlorine residual with online instrumentation entering the distribution system. All monitoring equipment (turbidity and chlorine) must be alarmed and equipped with an automatic notification system. Please see Emergency Response - Public Health Emergencies for the notification process in the event of an exceedence or system failure.
27. The *Approval Holder* shall be required to monitor and record the water level in each South Bay production well, to ensure that the water level in each well does not drop below +1m above mean sea level (amsl) more than 100 days/year with a maximum of 20 consecutive days. Each production well shall be set up to have an alarm that is triggered when the water level drops below +1m above mean sea level.
28. The *Approval Holder* shall ensure that the chlorination and turbidity monitoring equipment alarm systems are kept in operating condition. Any alarm system malfunction or breakdown shall be repaired or corrected immediately.
29. The *Approval Holder* shall maintain an alarm log, which will include the nature, date and time of the alarm, and the response and correction action undertaken by the municipality for all critical alarms such as a disinfection system malfunction, low chlorine residual, or high turbidity. The alarm log shall be made available to the *Department* upon request.

## **G. TERMS AND CONDITIONS - DISTRIBUTION SYSTEM**

30. The *Approval Holder* shall ensure that a free chlorine residual of no less than 0.1 mg/L be maintained at the entry point of the distribution system and that a free chlorine residual of no less than 0.04 mg/L be maintained at all other points within the distribution system.
31. The *Approval Holder* shall ensure that newly constructed or repaired water mains are disinfected, sampled and tested for microbiological parameters to verify the effectiveness of disinfection according to the latest version of "AWWA C651, Standard for Disinfecting Water Mains". All samples collected must be tested by a laboratory *Accredited* for *E. coli* and Total Coliform and records of all such disinfection activities must be maintained.

32. The *Approval Holder* shall ensure that all water-storage facilities entered for construction or inspection purposes (including underwater inspections) are disinfected, sampled and tested for microbiological parameters to verify the effectiveness of disinfection according to the latest version of "AWWA C652, Disinfection of Water Storage Facilities". All samples collected must be tested by a laboratory *Accredited* for *E. coli* and Total Coliform and records of all such disinfection activities must be maintained.
33. The *Approval Holder* shall possess a drinking water storage reservoir water quality maintenance plan developed by a Professional Engineer licensed to practice in the Province of New Brunswick. The plan shall include the frequency and method of inspection, as well as screen integrity and sediment mitigation. The *Approval Holder* shall ensure that the drinking water storage reservoirs are maintained in accordance with the reservoir water quality maintenance plan. Inspection reports must be approved by a Professional Engineer licensed to practice in the Province of New Brunswick and submitted to the *Department* **within two (2) months** of receipt by the *Approval Holder*.
34. The *Approval Holder* shall ensure that all known sources of cross-connection between municipal potable water and sewer systems are eliminated in a timely manner.
35. The *Approval Holder* shall ensure that all water mains are flushed to standards established within the flushing plan submitted to the *Department*.
36. The *Approval Holder* shall ensure that all temporary watermains must be constructed of NSF approved materials for potable water supply. Prior to bringing temporary water networks online, the watermains must be disinfected, flushed, and tested at an *Accredited* laboratory for Total Coliform and *E. coli* according to "AWWA Standard C651, Standard for Disinfecting Water Mains". While in use, samples must be collected weekly from each independent temporary watermain network, and analyzed at an *Accredited* laboratory for Total Coliform and *E. coli*. Fire hydrants used for the purpose of supplying water shall be equipped with backflow prevention assemblies. A file containing the start and stop dates, disinfection records and water quality results must be maintained for each temporary watermain network and shall be made available to the *Department* upon request.

## H. TERMS AND CONDITIONS - EMERGENCY RESPONSE

### CONTINGENCY PLAN

37. The *Approval Holder* shall maintain a Contingency Plan. The Contingency Plan must follow (as a minimum) the *Department's* Municipal Drinking Water Contingency Plan Outline and be available at key locations.
38. The *Approval Holder* shall, in writing, provide an after-hours contact name and number to the *Director*. The *Approval Holder* shall also provide notification to the *Director* within one (1) business day if either the contact name or number is changed.

## PUBLIC HEALTH EMERGENCIES

39. The *Approval Holder* shall **immediately** notify the **New Brunswick Department of Health** of any actions or events that lead, or may lead, to the deterioration of water quality in the distribution system and impact, or may impact, the health and/or safety of the users of the system. The *Approval Holder* also must contact the **New Brunswick Department of Environment and Local Government within one (1) business day** of the emergency. Such activities or events include but are not limited to:

- Detection of *E. coli* or Total coliform that exceed the New Brunswick Maximum Acceptable Concentrations (MAC) in a drinking water sample (other than raw water prior to disinfection);
- Inability to maintain disinfection (malfunction of disinfection system, sudden or unexplained drop in chlorine residual);
- Increases in turbidity beyond normal operating conditions or any turbidity measurement that exceeds the New Brunswick MACs;
- Scheduled or unscheduled maintenance that impacts water quality;
- Whenever a watermain is wholly or partially dewatered;
- Losses of water pressure that result, or may result, in backflow occurrences or impact water quality; and
- Introduction of foreign contaminants.

The *Approval Holder* is advised that any action or event that has the potential to introduce contaminants, effect water quality or compromise the health and/or safety of users of the system not specifically listed above must also be immediately reported to the New Brunswick Department of Health.

**CONTACT INFORMATION FOR IMMEDIATE NOTIFICATION**

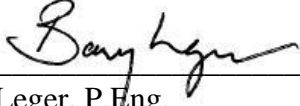
**During normal business hours, contact the New Brunswick Department of Health's Regional Office.**

**After hours, or when a person cannot be spoken to directly, contact the:  
NB Department of Health After Hours Phone Number.**

Health Region	Business Hours Phone Number	After Hours Phone Number
South - <i>Region 2</i> (Saint John and area)	(506) 658-3022	(506) 658-2764

**CONTACT INFORMATION FOR NEXT BUSINESS DAY NOTIFICATION**

**During normal business hours, contact the:  
NB Department of Environment and Local Government Head Office (Fredericton) at  
(506) 453-7945**

Prepared by:   
Barry Leger, P.Eng.  
Approvals Engineer

CLEAN WATER ACT - SAMPLING PLAN  
LOI SUR L'ASSAINISSEMENT DE L'EAU - PLAN D'ÉCHANTILLONNAGE

General Information / information générale

Municipality / municipalité:	City of Saint John		
Population served / population desservie:	65,000		
Treatment / traitement:	Yes / oui	X (screening, fluoridation)	No / non
Source disinfection / désinfection à la source:	Yes / oui	Continuous Chlorination for Latimer Lake, Spruce Lake, and Harbourview Subdivision	No / non
Residual disinfection / désinfection résiduelle:	Yes / oui	Residuals maintained for Latimer Lake, Spruce Lake, and Harbourview Subdivision	No / non

For Municipal Use	Sample Locations / sites d'échantillonnage			
	Water supply sources / sources d'approvisionnement en eau	Site code / code du site	Reason for site / raison d'être du site	Parameters / paramètres
	Spruce Lake (Raw Intake), 2524 Ocean Westway	15667	Raw Water	CHIO
	Pump Station (Untreated), 103 Ocean Drive	15805	Operating Well	CHIO
	Pump Station (Untreated), 14 Seaward Crescent	15521	Operating Well	CHIO
	Raw Intake, Latimer Lake, 1200 Pipeline Road	15509	Raw Water	CHIO
	<b>Distribution system sites (civic address) / sites du système de distribution (adresse civique)</b>	<b>Site code / code du site</b>	<b>Reason for site / raison d'être du site</b>	<b>Parameters / paramètres</b>
	Jones Variety, 304 City Line Road	19716	Extremity	CH
	Carleton Community Centre, 89 Market Place	15441	Extremity	CHIO
	Centracare, 414 Bay Street	15407	Last User	CHIO
	City Works Complex, 175 Rothesay Avenue	15087	Geographically Appropriate	CHIO
	Eastern Wastewater Treatment Facility, 441 Red Head Rd	21045	Dead End	CH
	Fundy Linen, 320 King William Road	15349	Geographically Appropriate	CHIO
	Ryerson Metals Inc, 2 Whiteborne Way	15725	Dead End	CHIO
	Falls View Restaurant, 200 Bridge Road	21852	Last User	CHIO
	Doiron Sports Excellence, 31 Greenhead Road	19363	Geographically Appropriate	CHIO
	PRV Chamber, 1240 Kennebecasis Drive	18359	Extremity	CHIO
	Pump Station, 147 Highland Road	15145	Dead End	CH
	Pump Station, 200 Golden Grove Road	15112	Last User	CH
	Pump Station, 784 Loch Lomond Road	17367	Geographically Appropriate	CH
	Fundy Heights Convenience, 658 Dunn Avenue	20315	Geographically Appropriate	CHIO
	Pump Station, 399 University Avenue	15747	Geographically Appropriate	CH
	Pump Station, 510 Somerset Street	15645	Geographically Appropriate	CH
	Pressure Reducing Valve Station, 80 Gault Road	21056	Geographically Appropriate	CH
	Pump Station (Line 2), Lakewood, 37 Fish Hatchery Road	15236	Finished Water after disinfection	CHIO
	Pump Station (Line 3), Lakewood, 37 Fish Hatchery Road	15269	Finished Water after disinfection	CH
	Pump Station (Line 42), Lakewood, 37 Fish Hatchery Rd.	15281	Finished Water after disinfection	CHIO
	Stand Pipe, 124 Willie Avenue	15543	Extremity	CH
	Travelodge Suites, 1011 Fairville Blvd	19965	Geographically Appropriate	CH
	Churchill Heights Water Storage Reservoir, 45 Ocean Ct	21216	Geographically Appropriate	CHIO
	Harris & Roome, 300 Charlotte St.	20724	Last User	CH
	NBCC, 950 Grandview Avenue	15872	Dead End	CH
	Meter Station, 36 Park Drive	15781	Geographically Appropriate	CHIO
	Wastewater Treatment Plant, 700 Woodward Avenue	15463	Last User	CHIO
	Pump Station (Treated), 103 Ocean Drive	21170	Finished Water after disinfection	CH
	Pump Station (Treated), 14 Seaward Crescent	21181	Finished Water after disinfection	CH
	Sampling Hydrant, 79 Eden Street	21192	Geographically Appropriate	CHIO
	Sampling Hydrant, 132 Aberdeen Avenue	21205	Geographically Appropriate	CHIO

**Frequency and Number of Samples\* / fréquence et nombre d'échantillons\***

**BACTERIOLOGICAL / BACTÉRIOLOGIQUE**

**Total coliform & E. Coli / coliformes totaux et E. coli**

**Frequency / fréquence:** Test every site at least once per week

**Number of samples/ nombre d'échantillons:** 1820 samples per year 35 every week

**Heterotrophic Plate Count / bactéries hétérotrophes**

**Frequency / fréquence:** Once per month

**Number of samples/ nombre d'échantillons:** 420 samples per year 35 every month

**INORGANIC / INORGANIQUE**

**Frequency / fréquence:** Two times per year

**Number of samples / nombre d'échantillons:** 40 samples per year 20 every 6 months

**Series/série:** Complete/complète X Modified/modifiée

**ORGANIC / ORGANIQUE**

**Frequency / fréquence:** Four times per year

**Number of samples / nombre d'échantillons:** 80 samples per year 20 every 3 months

**Series/série:** Complete/complète X Modified/modifiée

*\* Note: Frequency and number of samples in this sampling plan may differ from the requirements of the Water Sampling Plan Guidelines under the Clean Water Act - Potable Water Regulation as a result of modifications approved by the Minister of Health. / La fréquence du prélèvement des échantillons et le nombre d'échantillons prélevés peuvent déroger aux exigences du document intitulé "Directive pour le Plan d'échantillonnage sous la Loi sur l'assainissement de l'eau - Règlement sur l'eau potable" à la suite de modifications approuvées par le ministre de la Santé.*

**Parameters / paramètres**

**C : Coliform / coliformes - Total coliforms & E. Coli / coliformes totaux et E. coli.**

**H : Heterotrophic Plate Count / bactéries hétérotrophes**

**O : Organic / organique - benzene, benzo(a)pyrene, carbon tetrachloride, 1,2-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichloroethane, dichloromethane, ethylbenzene, pentachlorophenol, tetrachloro-ethylene (Perc), toluene, trichloroethylene, total trihalomethanes, chloroform, bromodichloromethane, dibromochloromethane, bromoform, vinyl chloride, total xylenes / benzène, benzo(a)pyrène, tetrachlorure de carbone, 1,2-dichlorobenzène, 1,4-dichlorobenzène, 1,2-dichloroéthane, dichlorométhane, éthylbenzène, pentachlorophénol, tétrachloroéthylène, toluène, trichloroéthylène, trihalométhanes totaux, chloroforme, bromodichlorométhane, dibromochlorométhane, bromoforme, chlorure de vinyle, xylènes totaux**

**I : Inorganic / inorganique - aluminum, antimony, arsenic, barium, boron, cadmium, chromium, copper, fluoride, iron, lead, manganese, mercury, nitrate, selenium, thallium, turbidity, uranium / aluminium, antimoine, arsenic, baryum, bore, cadmium, chrome, cuivre, fluorure, fer, plomb, manganèse, mercure, nitrate, sélénium, thallium, turbidité, uranium**

**X: Other / autre -**



**Personnel**

Primary and backup person(s) responsible for taking samples / personne(s) principale(s) et de remplacement responsable(s) de prélever les échantillons:

Brock McConkey

Leroy Graham

Kevin Kincade

Ed Crowley

Adam Pilmer

Joel Bury

Joey St. Coeur

Jason Morrell

Saleem Kaleem

Kevin Ayles

Rod Comeau

Rob Hamilton

Richard Graves

Brenda MacKinnon

**Note:**

*If persons other than those listed above collect samples, the municipality must notify the Department of Health and the Department of Environment and Local Government in writing.*

*Au cas où les échantillons seraient prélevés par des personnes autres que celles nommées ci-dessus, la municipalité doit aviser le ministère de la Santé ainsi que le ministère de l'Environnement et Gouvernements Locaux par écrit.*

**Laboratory / laboratoire****Name of lab(s) / nom du ou des laboratoire(s):**

*AGAT Laboratories (inorganics)*

*SGS Lakefield (benzo(a)pyrene, pentachlorophenol)*

*Saint John Laboratory Services (all microbiology testing),*

*SGS Lakefield (organics)*

**Revision / modification**

*For office use only / à l'usage du bureau seulement*

**Previous version number / numéro de la dernière version:**

**SP\_2\_1\_0**

**Description of changes / description des changements:**

Changes in the "personnel" section.

**Recommendation / recommandation**

*For office use only / à l'usage du bureau seulement*

**Prepared by (DELG) /  
préparé par (MEGL):**

**Date / date:**

**Recommended by  
(DELG) / recommandé  
par (MEGL):**

**Date / date:**

Clean Water Act  
Sample Submission Form



Loi sur l'assainissement de l'eau  
Fiche de soumission d'échantillons

Laboratory Name: Saint John Laboratory Services Municipality: City of Saint John  
 Nom du laboratoire: Saint John Laboratory Services Municipalité: City of Saint John

DHW Region: 02  
 Région SME: \_\_\_\_\_

Date of Sampling: \_\_\_\_\_  
 Date du prélèvement: \_\_\_\_\_  
 (yyyy/mm/dd) \ (aaaa/mm/jj)

**Lab Use Only / Réserve au laboratoire**  
 Sample Received By: \_\_\_\_\_  
 Échantillon reçu par: \_\_\_\_\_  
 Sample Received Date\Time: \_\_\_\_\_  
 Date/Heure de réception de l'échantillon: \_\_\_\_\_  
 Sample Event No: \_\_\_\_\_  
 No. d'événement: \_\_\_\_\_

**Note:** The lab must forward copies of results to the Province of New Brunswick as per N.B. Regulation 93-203 section 9(2).  
**Nota:** Le lab doit envoyer des copies des résultats à la Province du Nouveau-Brunswick conformément au Règlement du N.B. 93-203 section 9(2).

Mun. Use Usage Mun.	NBSID	Location Endroit	Time Temps	Analysis Required / Analyse requis				Comments Commentaires	Cl Residual Cl Residuel (mg/L)	Lab Identifier (Lab Use Only) Identificateur du laboratoire (Réserve au laboratoire)
				TC/EC	HPC	Org	Inorg			
	15441	Carleton Community Center, 120 Market Square West <i>Saint John West</i>								
	15407	Ridgewood Lift Station, 410 Bay Street <i>Saint John West</i>								
	15087	City Works Complex, 175 Rothesay Avenue <i>Saint John</i>								
	19965	Travelodge Suites, 1011 Fairville Blvd <i>Saint John West</i>								
	19363	Doiron Sports Excellence, 31 Greenhead Road <i>Saint John West</i>								
	15349	Fundy Linen, 320 King William Road <i>Saint John West</i>								
	21045	Eastern Wastewater Treatment Facility, 441 Red Head Rd.								
	19716	Jones Variety, 304 City line Road <i>Saint John West</i>								
	21216	Churchill Heights Water Storage Reservoir, 45 Ocean Court <i>Saint John West</i>								
	15781	Meter Station, 36 Park Drive <i>Saint John</i>								
	15872	NBCC, 950 Grandview Avenue <i>Saint John</i>								

Sampler's Name: \_\_\_\_\_ Contact No.: \_\_\_\_\_  
 Nom de l'échantillonneur: \_\_\_\_\_ No. de Contact: (506) - \_\_\_\_\_

For questions or updates to sheet, please contact the Drinking Water Data Administrator, Environment at 1-800-561-4036.  
 Pour toute question ou mise à jour de la feuille, prière de communiquer, avec l'administratrice de données concernant l'eau potable, Environnement, au 1-800-561-4036.

Laboratory Name: Saint John Laboratory Services Municipality: City of Saint John  
 Nom du laboratoire: Saint John Laboratory Services Municipalité: City of Saint John

DHW Region: 02  
 Région SME: 02

Date of Sampling: \_\_\_\_\_  
 Date du prélèvement: \_\_\_\_\_  
 (yyyy/mm/dd) \ (aaaa/mm/jj)

**Lab Use Only / Réserve au laboratoire**  
 Sample Received By: \_\_\_\_\_  
 Échantillon reçu par: \_\_\_\_\_  
 Sample Received Date/Time: \_\_\_\_\_  
 Date/Heure de réception de l'échantillon: \_\_\_\_\_  
 Sample Event No: \_\_\_\_\_  
 No. d'événement: \_\_\_\_\_

**Note:** The lab must forward copies of results to the Province of New Brunswick as per N.B. Regulation 93-203 section 9(2).  
**Nota:** Le lab doit envoyer des copies des résultats à la Province du Nouveau-Brunswick conformément au Règlement du N.B. 93-203 section 9(2).

Mun. Use Usage Mun.	NBSID	Location Endroit	Time Temps	Analysis Required / Analyse requise				Comments Commentaires	Cl Residual Cl Résiduel (mg/L)	Lab Identifier (Lab Use Only) Identificateur du laboratoire (Réserve au laboratoire)
				TC/EC	HPC	Org	Inorg			
	21056	Pressure Reducing Valve station, 80 Gault Road <i>Saint John West</i>								
	18359	PRV Chamber, 1240 Kennebecasis Drive <i>Saint John</i>								
	15805	Pump Stn (Untreated), 103 Ocean Drive <i>Saint John</i>								
	15521	Pump Stn (Untreated), 14 Seaward Crescent <i>Saint John</i>								
	15145	Pump Stn, 147 Highland Road <i>Saint John</i>								
	15112	Pump Stn, 200 Golden Grove Road <i>Saint John</i>								
	17367	Pump Stn, 784 Loch Lomond Road <i>Saint John</i>								
	15747	Pump Stn, 399 University Avenue <i>Saint John</i>								
	15645	Pump Stn, 510 Somerset St. <i>Saint John</i>								
	15236	Pump Stn, Line 2 - Lakewood, 37 Fish Hatchery Rd <i>Saint John</i>								
	15269	Pump Stn, Line 3 - Lakewood, 37 Fish Hatchery Rd <i>Saint John</i>								

Sampler's Name: \_\_\_\_\_ Contact No.: \_\_\_\_\_  
 Nom de l'échantillonneur: \_\_\_\_\_ No. de Contact: (506) -

For questions or updates to sheet, please contact the Drinking Water Data Administrator, Environment at 1-800-561-4036.  
 Pour toute question ou mise à jour de la feuille, prière de communiquer, avec l'administratrice de données concernant l'eau potable, Environnement, au 1-800-561-4036.

Laboratory Name: Saint John Laboratory Services Municipality: City of Saint John  
 Nom du laboratoire: Saint John Laboratory Services Municipalité: City of Saint John

DHW Region: 02  
 Région SME: 02

**Lab Use Only / Réserve au laboratoire**

Sample Received By: \_\_\_\_\_  
 Échantillon reçu par: \_\_\_\_\_  
 Sample Received Date/Time: \_\_\_\_\_  
 Date/Heure de réception de l'échantillon: \_\_\_\_\_  
 Sample Event No: \_\_\_\_\_  
 No. d'événement: \_\_\_\_\_

Date of Sampling: \_\_\_\_\_  
 Date du prélèvement: \_\_\_\_\_  
 (yyyy/mm/dd) \ (aaaa/mm/jj)

**Note:** The lab must forward copies of results to the Province of New Brunswick as per N.B. Regulation 93-203 section 9(2).  
**Nota:** Le lab doit envoyer des copies des résultats à la Province du Nouveau-Brunswick conformément au Règlement du N.B. 93-203 section 9(2).

Mun. Use Usage Mun.	NBSID	Location Endroit	Time Temps	Analysis Required / Analyse requis				Comments Commentaires	Cl Residual Cl Résiduel (mg/L)	Lab Identifier (Lab Use Only) Identificateur du laboratoire (Réserve au laboratoire)
				TC/EC	HPC	Org	Inorg			
	15281	Pump Stn, Line 42 - Lakewood, 37 Fish Hatchery Rd Saint John								
	15509	Raw Intake - Latimer Lake, 1200 Pipeline Road Saint John								
	15667	Raw Intake - Spruce Lake, 2524 Ocean Westway Saint John West								
	15725	Ryerson Metals Inc, 2 Whiteborne Way Saint John								
	15543	Stand Pipe, 124 Willie Avenue Saint John								
	15463	Wastewater Treatment Plant, 700 Woodward Avenue Saint John								
	20315	Saint John, Fundy Heights Convenience, 658 Dunn Av. Saint John West								
	20724	Harris & Roome, 300 Charlotte Street Saint John								
	21170	Saint John, Pump Station (Treated), 103 Ocean Drive								
	21181	Pump Station (Treated), 14 Seaward Crescent								
	21852	Sampling Hydrant, 434 Riverview Drive Saint John West								

Sampler's Name: \_\_\_\_\_ Contact No.: \_\_\_\_\_  
 Nom de l'échantillonneur: \_\_\_\_\_ No. de Contact: (506) - \_\_\_\_\_

For questions or updates to sheet, please contact the Drinking Water Data Administrator, Environment at 1-800-561-4036.  
 Pour toute question ou mise à jour de la feuille, prière de communiquer, avec l'administratrice de données concernant l'eau potable, Environnement, au 1-800-561-4036.

Laboratory Name: Saint John Laboratory Services Municipality: City of Saint John  
 Nom du laboratoire: Saint John Laboratory Services Municipalité: City of Saint John

DHW Region: 02 **Lab Use Only/Réservé au laboratoire**  
 Région SME: \_\_\_\_\_  
 Sample Received By: \_\_\_\_\_  
 Échantillon reçu par: \_\_\_\_\_

Date of Sampling: \_\_\_\_\_  
 Date du prélèvement: \_\_\_\_\_  
 (yyyy/mm/dd) \ (aaaa/mm/jj) \_\_\_\_\_  
 Sample Received Date\Time: \_\_\_\_\_  
 Date/Heure de réception de l'échantillon: \_\_\_\_\_

Sample Event No: \_\_\_\_\_  
 No. d'événement: \_\_\_\_\_

**Note:** The lab must forward copies of results to the Province of New Brunswick as per N.B. Regulation 93-203 section 9(2).  
**Nota:** Le lab doit envoyer des copies des résultats à la Province du Nouveau-Brunswick conformément au Règlement du N.B. 93-203 section 9(2).

Mun. Use Usage Mun.	NBSID	Location Endroit	Time Temps	Analysis Required Analyse requis				Comments Commentaires	Cl Residual Cl Résiduel (mg/L)	Lab Identifier (Lab Use Only) Identificateur du laboratoire (Réservé au laboratoire)
				TC/EC	HPC	Org	Inorg			
	21205	Sampling Hydrant, 132 Aberdeen Avenue								
	21192	Sampling Hydrant, 79 Eden Street								
	25343	South Bay Well 1								
	25354	South Bay Well 2								
	25365	South Bay Well 2								
	99467	Saint John Temporary Sampling Location(s)								

Sampler's Name: \_\_\_\_\_ Contact No.: \_\_\_\_\_  
 Nom de l'échantillonneur: \_\_\_\_\_ No. de Contact: (506) - \_\_\_\_\_

For questions or updates to sheet, please contact the Drinking Water Data Administrator, Environment at 1-800-561-4036.  
 Pour toute question ou mise à jour de la feuille, prière de communiquer, avec l'administratrice de données concernant l'eau potable, Environnement, au 1-800-561-4036.



Laboratory Name: Saint John Laboratory Services Municipality: City of Saint John  
 Nom du laboratoire: Saint John Laboratory Services Municipalité: City of Saint John

DHW Region: 02  
 Région SME: 02

Date of Sampling: \_\_\_\_\_  
 Date du prélèvement: \_\_\_\_\_  
 (yyyy/mm/dd) \ (aaaa/mm/jj)

**Lab Use Only / Réserve au laboratoire**  
 Sample Received By: \_\_\_\_\_  
 Échantillon reçu par: \_\_\_\_\_  
 Sample Received Date/Time: \_\_\_\_\_  
 Date/Heure de réception de l'échantillon: \_\_\_\_\_  
 Sample Event No: \_\_\_\_\_  
 No. d'événement: \_\_\_\_\_

**Temporary Sample Locations / Lieux d'échantillonnage temporaires**

(Note: Temporary locations that are tested repeatedly should be added to the regular Sample Submission form. See contact information below to request a revision. / Nota: Les lieux temporaires qui sont analysés à plusieurs reprises devront être ajoutés sur la fiche de soumission d'échantillons réulier. Veuillez référer a l'information de contact ci-dessous afin de demander une révision.)

Mun. Use Usage Mun.	NBSID	Location Endroit	Time Temps	Analysis Required / Analyse requis				Comments Commentaires	Cl Residual Cl Residuel (mg/L)	Lab Identifier (Lab Use Only) Identificateur du laboratoire (Réserve au laboratoire)
				TC/EC	HPC	Org	Inorg			
	99467	Saint John Temporary Sampling Location(s)								
	99467									
	99467									
	99467									
	99467									
	99467									
	99467									
	99467									
	99467									
	99467									
	99467									
	99467									
	99467									

Sampler's Name: \_\_\_\_\_ Contact No.: \_\_\_\_\_  
 Nom de l'échantillonneur: \_\_\_\_\_ No. de Contact: (506) -

For questions or updates to sheet, please contact the Drinking Water Data Administrator, Environment at 1-800-561-4036.  
 Pour toute question ou mise à jour de la feuille, prière de communiquer, avec l'administratrice de données concernant l'eau potable, Environnement, au 1-800-561-4036.

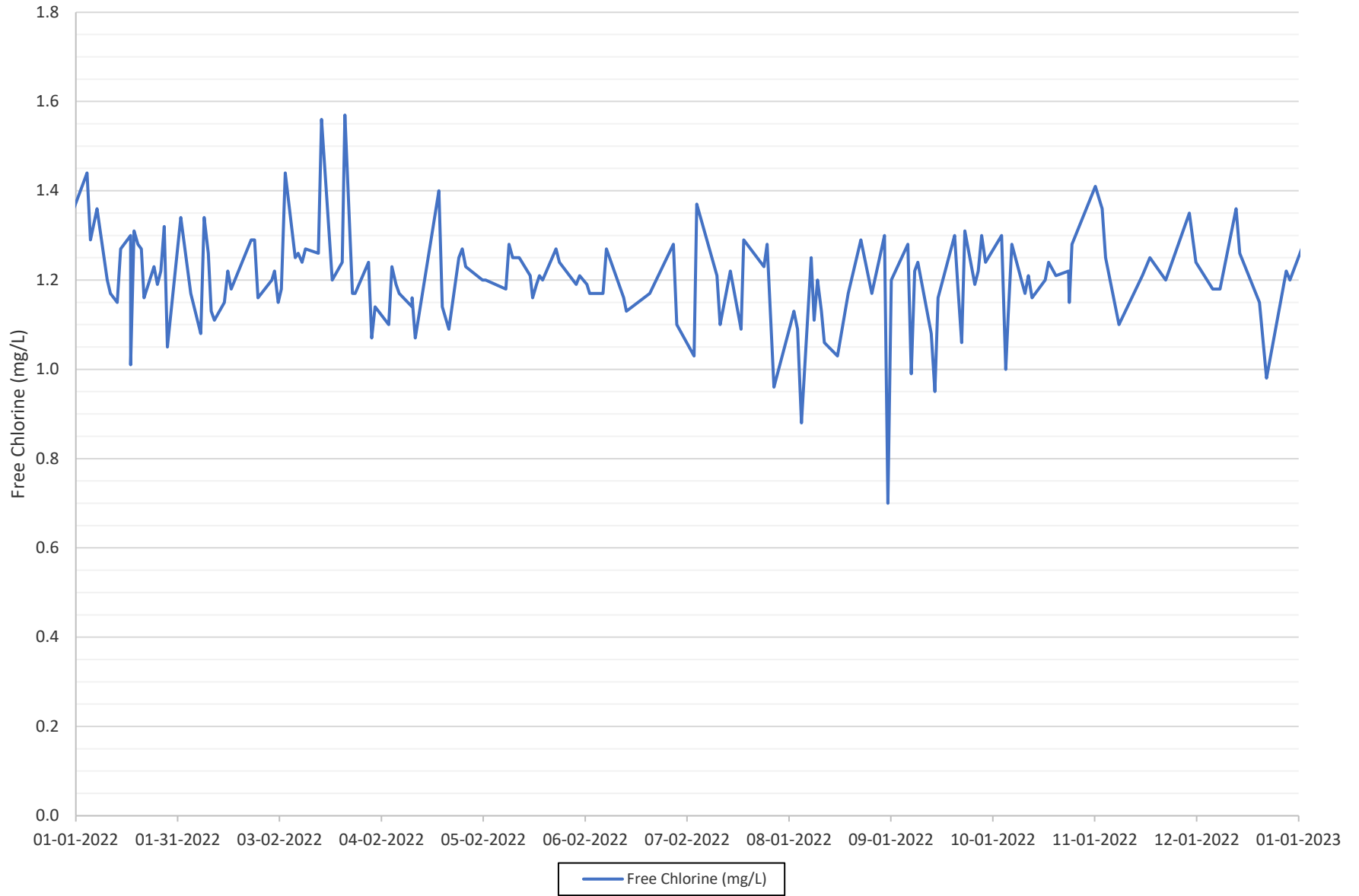




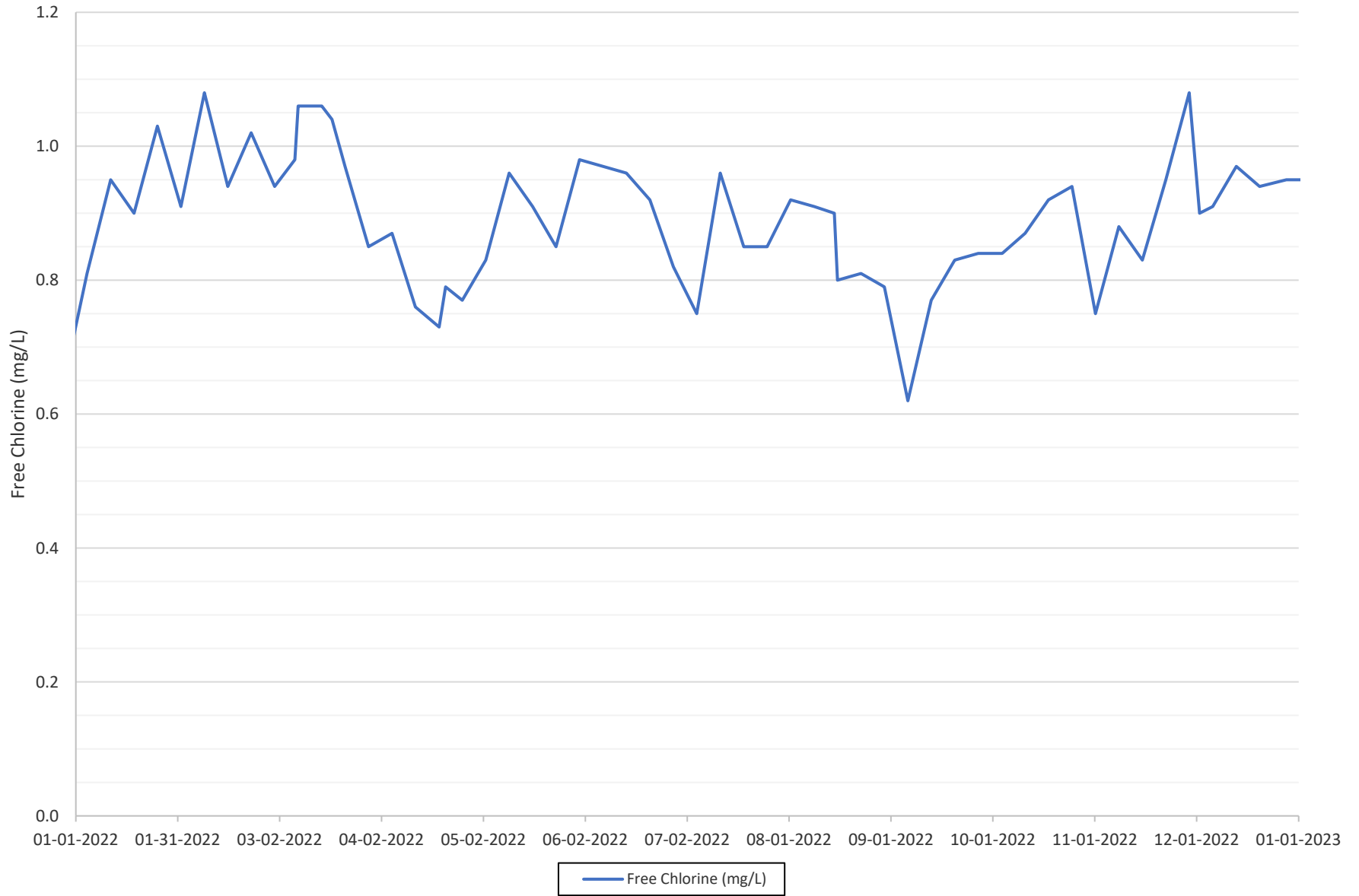
## Appendix F

### Chlorine Residual Assurance Program

# Chlorine Residual Assurance Program Champlain Heights - 2022



# Chlorine Residual Assurance Program Gault Road - 2022



# Appendix G

## Chlorine Residual Data & Other Monitoring Data













































































































































































































































# Appendix H

## 2022 Approved Water and Sewerage Utility Fund Capital Program



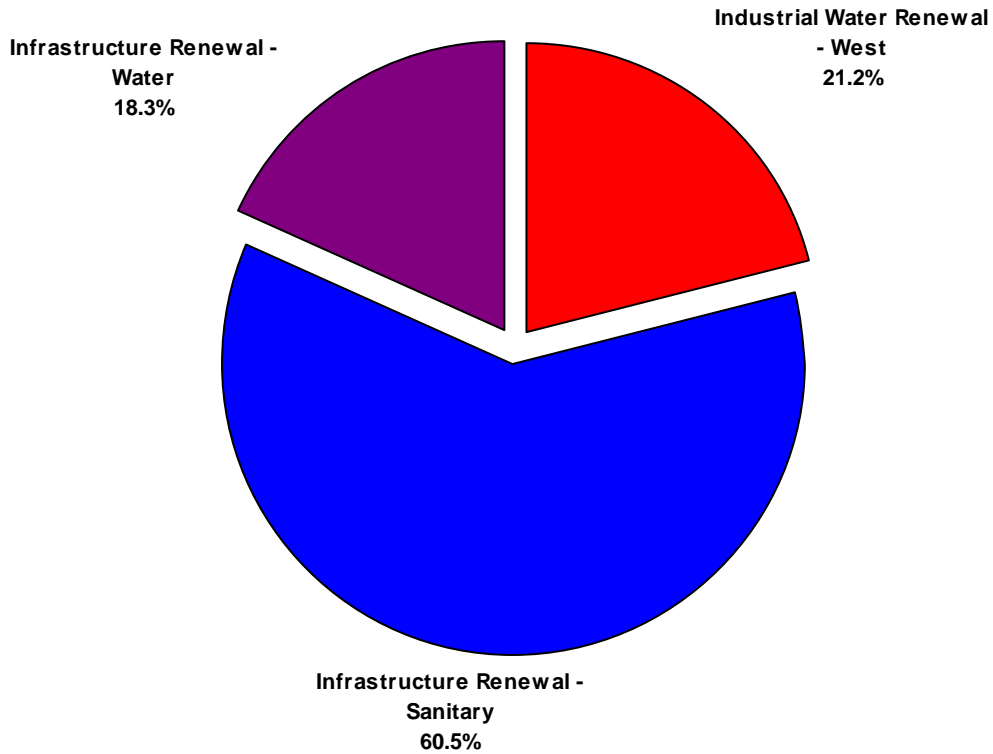
THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
CAPITAL PROGRAM SUMMARY  
W & S UTILITY FUND

18-May-22

**Proposed Revision 1 Program Summary For - 2022**

Category	No. of Projects	Other Share	Utility Share	Total
Industrial Water Renewal - West	2	\$0	\$1,325,000	\$1,325,000
Infrastructure Renewal - Sanitary	22	\$5,103,034	\$3,777,800	\$8,880,834
Infrastructure Renewal - Water	15	\$2,015,683	\$1,142,400	\$3,158,083
<b>TOTALS:</b>	<b>39</b>	<b>\$7,118,717</b>	<b>\$6,245,200</b>	<b>\$13,363,917</b>

**Summary of Capital Costs (Utility Share)**





**THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
PROPOSED REVISION 1 W & S FUND PROGRAM**

18-May-22

**2022**

MDH: MUNICIPAL DESIGNATED HIGHWAYS  
 PDH: PROVINCIALLY DESIGNATED HIGHWAYS  
 RDH: REGIONALLY DESIGNATED HIGHWAYS  
 w&s: WATER AND SEWER RELATED PROJECTS  
 G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT  
 \*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

**This is a tentative program listing of proposed capital projects.  
 This list has not been approved by Common Council.  
 Priority assignments are subject to change at any time.**

**Industrial Water Renewal - West**

<b>Project</b>	<b>Location</b>	<b>Description</b>	<b>Other Share</b>	<b>Utility Share</b>
Coleson Cove Raw Water Transmission Line	Spruce Lake to Coleson Cove	Road construction and replacement of three large culverts, including construction management services. Phase 2 of 2	0	675,000
Menzies Lake Dam	Menzies Lake Dam	Repair work and upgrade the access road and 3 existing earthen dykes and concrete control structure, including design and construction management services.		650,000
<b><u>TOTAL:</u></b>			<b><u>\$0</u></b>	<b><u>\$1,325,000</u></b>



**THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
PROPOSED REVISION 1 W & S FUND PROGRAM**

18-May-22

**2022**

MDH: MUNICIPAL DESIGNATED HIGHWAYS  
 PDH: PROVINCIALLY DESIGNATED HIGHWAYS  
 RDH: REGIONALLY DESIGNATED HIGHWAYS  
 w&s: WATER AND SEWER RELATED PROJECTS  
 G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT  
 \*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

**This is a tentative program listing of proposed capital projects.  
 This list has not been approved by Common Council.  
 Priority assignments are subject to change at any time.**

## Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* Dominion Park Road	Lift Station A to Gravity Sewer	Install approx. 200m of a dedicated 100mm Forcemain for lift station A, including design and construction management services. Project to be funded under G.T.F.	215,000	0
* Garden Street	Coburg Street to City Road	Renew approx. 101m of 300mm, and 86m of 375mm T.C. sanitary sewers (Condition Grade of 3), including design and construction management services. Project to be partially funded under Bilateral Funding.	160,000	60,000
Honeysuckle Drainage Basin	Honeysuckle Drainage Basin	Concept Design and Investigation services for improvements in the Honeysuckle Drainage Basin.	0	75,000
* One Mile Lift Station	Rothsay Avenue at Russell Street	Supplemental Funding for a new pumping station, new screening channel structure and associated building to replace the existing pumping station that is at the end of asset life to provide for reliable collection of wastewater, including design and construction management services. Project to be funded under the G.T.F.	2,300,000	0
* Roof Replacements	Various SJW Facilities	Roof Replacements at several Saint John Water (SJW) facilities including the the Spruce Lake Pump Station, Millidgeville Wastewater Treatment Facility (MWWTF) and Eastern Wastewater Treatment Facility (EWWTF). Project to be partially Funded under the COVID-19 Resilience Infrastructure Fund	522,934	175,000
Thome Avenue Lift Station	Thome Avenue Lift Station	Purchase and installation of a new pump at the lift station.	0	300,000
Wastewater Treatment Plant Solid Waste Diversion Action Plan	Wastewater Treatment Plant	Develop a Solid Waste Diversion Action Plan to detail the preferred septage receiving system to be installed at one of the City's wastewater treatment facilities.	0	60,000
WWPS Simpson Drive	Simpson Drive	Engineering services to complete Concept Design for pumping Simpson Drive Lift Station directly to One Mile Lift Station or Thome Avenue Lift Station.	0	75,000
Structural lining	Various Locations	Structurally line and point repairs to sanitary sewers, including design and construction management services.	0	200,000



**THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
PROPOSED REVISION 1 W & S FUND PROGRAM**

18-May-22

**2022**

MDH: MUNICIPAL DESIGNATED HIGHWAYS  
 PDH: PROVINCIALLY DESIGNATED HIGHWAYS  
 RDH: REGIONALLY DESIGNATED HIGHWAYS  
 w&s: WATER AND SEWER RELATED PROJECTS  
 G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT  
 \*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

This is a tentative program listing of proposed capital projects.  
 This list has not been approved by Common Council.  
 Priority assignments are subject to change at any time.

## Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* WWPS Beach Crescent	11 Beach Crescent	Reconstruct lift station above flood level to provide for reliable collection of wastewater, including design and construction management services, Phase B. Project partially funded under DMAF.	605,000	1,250,000
* Sydney Street	Broad Street to Broadview Avenue	Renew 55m of 200mm T.C. sanitary sewer, including design and construction management services. Project to be funded under Bilateral Funding.	43,800	16,200
<b>WWPS WoodlawnPark</b>	<b>1335 Red Head Road</b>	<b>Replacement of wastewater lift station that is at the end of it's asset life to provide for reliable collection of wastewater, including construction management services.</b>	<b>0</b>	<b>950,000</b>
Main Street	Through site of old Forum (Main Street to Kennedy Street)	Design services to review options to redirect flows down Main Street to the Bridge Street lift station.	0	100,000
<b>* Mecklenburg Street</b>	<b>Wentworth Street to Crown Street</b>	<b>Renew approx. 265m of 600mm concrete with new 600mm sanitary sewer (Condition Grade of 2.5), including design and construction management services. Project to be partially funded under Bilateral Funding.</b>	<b>255,000</b>	<b>160,000</b>
* Britain Street	Pitt Street to Wentworth Street	Renew 145 m of 300 mm T.C sanitary sewer (Condition Grade of 4 with a year in service of 1875), including design and construction management services. Project to be partially funded under Bilateral Funding.	120,000	45,000
* Pitt Street	St. James Street to Broad Street	Renew 155m of 375mm T.C. sanitary sewer (Condition Grade of 4), including design and construction management services. Project to be partially funded under Bilateral Funding.	130,000	50,000
* St. James Street	Germain Street to Charlotte Street	Renew 125 m of 300mm and 375 mm T.C. sanitary sewer (Condition Grade of 4 with an in service year of 1878), including design and construction management services. Project to be partially funded under Bilateral Funding.	108,800	41,600
G&D * Charlotte Street	St. James Street to Lower Cove Loop	Renew 155 m of 525 mm Concrete sanitary sewer (Condition Grade of 1 with an in service year of 1965), including design and construction management services. Project to be partially funded under Bilateral Funding.	175,000	65,000



**THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
PROPOSED REVISION 1 W & S FUND PROGRAM**

18-May-22

**2022**

MDH: MUNICIPAL DESIGNATED HIGHWAYS  
PDH: PROVINCIALLY DESIGNATED HIGHWAYS  
RDH: REGIONALLY DESIGNATED HIGHWAYS  
w&s: WATER AND SEWER RELATED PROJECTS  
G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT  
\*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

**This is a tentative program listing of proposed capital projects.  
This list has not been approved by Common Council.  
Priority assignments are subject to change at any time.**

## Infrastructure Renewal - Sanitary

Project	Location	Description	Other Share	Utility Share
* Combined Sewer Separation Reduction Strategy - South / Central	South / Central	Completion of a strategy prioritizing the separation of combined sanitary and storm sewers for the central peninsula and giving an estimate for budget purposes. Project to be partially funded under Bilateral Funding.	187,500	70,000
G&D Hickey Road	At Little River bridge	Design Services for a SSO chamber and 25m of 450mm pipe for a new outfall on Hickey Road.	0	25,000
* Peters Street	Waterloo Street to Coburg Street	Renew approx. 190m of 300mm, and 375mm T.C. sanitary sewers (Condition Grade of 2.5 with an in service year of 1889), including design and construction management services. Project to be partially funded under Bilateral Funding.	160,000	60,000
* Rockland Road	Parks Street to Paradise Row	Renew 90 m of 300 mm T.C. sanitary sewers, including design and construction management services. Project to be funded under G.T.F.	120,000	0
<b>TOTAL:</b>			<b>\$5,103,034</b>	<b>\$3,777,800</b>



**THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
PROPOSED REVISION 1 W & S FUND PROGRAM**

18-May-22

**2022**

MDH: MUNICIPAL DESIGNATED HIGHWAYS  
PDH: PROVINCIALLY DESIGNATED HIGHWAYS  
RDH: REGIONALLY DESIGNATED HIGHWAYS  
w&s: WATER AND SEWER RELATED PROJECTS  
G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT  
\*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

This is a tentative program listing of proposed capital projects.  
This list has not been approved by Common Council.  
Priority assignments are subject to change at any time.

## Infrastructure Renewal - Water

Project	Location	Description	Other Share	Utility Share
* Fleet Replacement	Various Locations	Fleet Replacement for Saint John Water. Project to be funded under Fleet Reserve.	624,483	0
* Garden Street	Coburg Street to City Road	Renew approx. 258m of 200mm C.I. watermain, including design and construction management services. Project to be partially funded under Bilateral Funding.	215,000	80,000
McAllister Drive	Mountain View Drive to Champlain Drive	Completion of a condition assessment of 450m of existing 300mm C.I. watermain for determination of remaining useful life of the asset.	0	75,000
Water Meters	Various Locations	Replacement of large commercial water meters, including design and construction management services. Phase (1 of 2)	0	100,000
Engineering Investigations and Design	Various locations	Funding for engineering investigations and design for various projects under the Water and Sanitary categories.	0	300,000
* Sydney Street	Broad Street to Broadview Avenue	Renew 85m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be funded under Bilateral Funding.	80,300	29,700
Facility and Asset Management	Various Municipal & Water Facilities	Asset Management Information System (AMIS)	0	175,000
* Mecklenburg Street	Wentworth Street to Crown Street	Renew approx. 265m of 200mm C.I. watermain, including design and construction management services. Project to be partially funded under Bilateral Funding.	220,000	165,000
* Britain Street	Pitt Street to Wentworth Street	Renew 145 m of 200 mm C.I. watermain (Service year is 1934), including design and construction management services. Project to be partially funded under Bilateral Funding.	120,000	45,000
* Pitt Street	St. James Street to Broad Street	Renew 155m of 200 mm C.I. watermain with 200 mm watermain, including design and construction management services. Project to be partially funded under Bilateral Funding.	130,000	45,000
* St. James Street	Germain Street to Charlotte Street	Renew 140 m of 200 mm C.I. watermain (Service year is 1878), including design and construction management services. Project to be partially funded under Bilateral Funding.	115,900	42,700





**THE CITY OF SAINT JOHN  
SAINT JOHN WATER  
PROPOSED REVISION 1 W & S FUND PROGRAM**

18-May-22

**2022**

MDH: MUNICIPAL DESIGNATED HIGHWAYS  
PDH: PROVINCIALLY DESIGNATED HIGHWAYS  
RDH: REGIONALLY DESIGNATED HIGHWAYS  
w&s: WATER AND SEWER RELATED PROJECTS  
G&D: PROJECT IS FOR GROWTH AND DEVELOPMENT  
\*: PROJECTS DEPENDANT ON FUNDING FROM OTHERS

**This is a tentative program listing of proposed capital projects.  
This list has not been approved by Common Council.  
Priority assignments are subject to change at any time.**

**Infrastructure Renewal - Water**

<b>Project</b>	<b>Location</b>	<b>Description</b>	<b>Other Share</b>	<b>Utility Share</b>
G&D * Charlotte Street	St. James Street to Lower Cove Loop	Renew 75 m of 200 mm C.I. watermain (Service year is 1965), including design and construction management services. Project to be partially funded under Bilateral Funding.	70,000	25,000
* Burpee Avenue	Rockland Road to Civic # 99	Renew approx. 95m of 250mm watermain, including design and construction management services. Project to be funded under G.T.F.	170,000	0
* Peters Street	Waterloo Street to Coburg Street	Renew approx. 190m of 200mm watermain , including design and construction management services. Project to be partially funded under Bilateral Funding.	160,000	60,000
* Rockland Road	Parks Street to Paradise Row	Renew 80 m of 200 mm C.I. watermain, including design and construction management services. Project to be funded under G.T.F.	110,000	0
<b><u>TOTAL:</u></b>			<b><u>\$2,015,683</u></b>	<b><u>\$1,142,400</u></b>

## Appendix I

### Examples of Field Test Unit Functional Check Record

.



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : 2100Q01	2100Q PORTABLE TURBIDIMETER
Serial Number / No. de série : 11030C007836	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : 2100Q01	2100Q PORTABLE TURBIDIMETER
Serial Number / No. de série : 16100C053100	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : 2100Q01-CA	2100Q PORTABLE TURBIDIMETER
Serial Number / No. de série : 21080D000472	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : DR1900-01H	DR1900 SPECTRO PKG, HACH
Serial Number / No. de série : 212886601003	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



## *Certificate of Instrument Performance* *Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : DR5000-03	oo aa rr DR 5000 UV/VIS SPECTRO
Serial Number / No. de série : 1382671	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV441.99.00012	db DR 6000 UV VIS SPECTROPHOTOMETER W RFID TECH
Serial Number / No. de série : 2111322	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022





*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 21050B002173	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 19010A000606	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



# *Certificate of Instrument Performance*

## *Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 20110B005709	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 21050B002116	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 19020A000113	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 21010B002284	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022



*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 21090B001492	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022





*Certificate of Instrument Performance*  
*Certificat de Conformité*

Company Name / Nom de la Compagnie : CITY OF SAINT JOHN

Account Number / No. de compte : 40171463

Certification Number / Numéro du Certificat : WO-01290842

Part Number / No. de pièce : LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter
Serial Number / No. de série : 21090B001889	
External Reference / Référence externe :	

Hach Sales & Service Canada Ltd. certifies that your instrument has been serviced, calibrated, verified with standards and now meets new product specifications.

Hach Sales & Service Canada Ltd. atteste que votre instrument a été entretenu, calibré et vérifié selon les normes en vigueur. Ses spécifications actuelles sont équivalentes à celles d'un produit neuf.

Certified by / Certifié par :

Marco Betournay

Certification Date / Date de certification :

6/21/2022





## Hach ServicePlus™

FIELD SERVICE REPORT / RAPPORT DE SERVICE DE TERRAIN

Account Number / No. de Compte: 40171463

Contact Name / Nom du Contact: RICHARD GRAVES

Customer / Client: CITY OF SAINT JOHN

Fax:

Phone / Téléphone: 506 649-7928

Email Address / Adresse: richard.graves@saintjohn.ca

Location: CITY OF SAINT JOHN, 175 ROTHESAY AVE, SAINT JOHN, New Brunswick, E2J 2B4, CA

Technician / Technicien: Marco Betournay

Purchase Order / Bon de Commande: 059806

Work Order Number / Numéro de Commande: WO-01290842 - Visit - PPV

Date of Service / Date de service: 6/21/2022

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
2100Q01-CA	2100Q PORTABLE TURBIDIMETER	21080D000472	
<b>Notes</b>			
As found, the condition of the turbidimeter was good, the firmware version was 1.03, and the empty cell reading was 0.09. The turbidimeter was inspected, the exterior and the optics chamber were cleaned, the lamp and batteries were replaced, the unit was verify before the PM and pass 9.79/10.00 Ntu . the turbidimeter was calibrated using StablCal standards. The turbidimeter was verified with DI water (0.06), and 10 NTU (10.00) Stablcal standard. After PM service was completed, the as left empty cell reading of the turbidimeter was 0.06. The turbidimeter has been restored to regular operation, and performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
2100Q01	2100Q PORTABLE TURBIDIMETER	16100C053100	
<b>Notes</b>			
As found, the condition of the turbidimeter was good, the firmware version was 1.03, and the empty cell reading was 1.14. The turbidimeter was inspected, the exterior and the optics chamber were cleaned, the lamp and batteries were replaced, the unit was verify before the PM and fail over range . the turbidimeter was calibrated using StablCal standards. The turbidimeter was verified with DI water (0.05), and 10 NTU (10.00) Stablcal standard. After PM service was completed, the as left empty cell reading of the turbidimeter was 0.11. The turbidimeter has been restored to regular operation, and performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
2100Q01	2100Q PORTABLE TURBIDIMETER	16100C053122	
<b>Notes</b>			
As found, the condition of the turbidimeter was good, the firmware version was 1.03, and the empty cell reading was 2.30. The turbidimeter was inspected, the exterior and the optics chamber were cleaned, the lamp and batteries were replaced, the unit was verify before the PM and Fail ++++ . the turbidimeter was open to find the problem, the unit have fogg on the lense in the chamber all was clean and the a service kit was install since the unit did not want to start again. after many test we suspect that the main board have some issue and need to be replaced. The customer was debrief on the turbidimeter and hach Canada service will be contact .			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
2100Q01	2100Q PORTABLE TURBIDIMETER	11030C007836	
<b>Notes</b>			
As found, the condition of the turbidimeter was good, the firmware version was 1.03, and the empty cell reading was 0.22. The turbidimeter was inspected, the exterior and the optics chamber were cleaned, the lamp and batteries were replaced, the unit was verify before the PM and pass 9.04/10.00 Ntu . the turbidimeter was calibrated using StablCal standards. The turbidimeter was verified with DI water (0.06), and 10 NTU (10.00) Stablcal standard. After PM service was completed, the as left empty cell reading of the turbidimeter was 0.05. The turbidimeter has been restored to regular operation, and performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
DR1900-01H	DR1900 SPECTRO PKG, HACH	212886601003	
<b>Notes</b>			
As found, the condition of the instrument was very good, and the firmware version was 1.2.9.1. The instrument was cleaned, the batteries were replaced, and optical checks were performed using LZV537 Filters. Certification results were as follows: KV450/3 >2.7 Abs = 2.764, NG 9/1 @ 1.530 Abs +/- 3% = 1.524, NG 5/2 @ 0.619 Abs +/- 3% = 0.613, NG 11/2 @ 0.318 Abs +/- 3% = 0.311, HO @ 360.9 nm +/- 2 nm = 361.81 nm, BG 20/2 @ 807.0 +/- 2nm = 807.11 nm. After PM service, the analyzer was restored to normal operation and its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
DR5000-03	oo aa rr DR 5000 UV/VIS SPECTRO	1382671	
<b>Notes</b>			
As found, the condition of the instrument was good, and the firmware version was 1.20. The instrument was cleaned, the lamp was replaced, and the optical performance was verified using LZV537 Filters lot 4696 exp.31 Dec 2022. Certification results were as follows: KV450/3 >2.8 Abs = 3.874, NG 9/1 @ 1.530Abs +/- 3% = 1.533, NG 5/2 @ 0.619 Abs +/- 3% = 0.622, NG 11/2 @ 3.18 Abs +/- 3% = 3.19, HO @ 360.9 nm +/- 2 nm = 360.6 nm, BG 20/2 @ 807.0 +/- 2nm = 807.1 nm. After PM service, the analyzer was restored to normal operation and its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV441.99.00012	db DR 6000 UV VIS SPECTROPHOTOMETER W RFID TECH	2111322	
<b>Notes</b>			
As found, the condition of the instrument was good, and the firmware version was 1.20. The instrument was cleaned, the lamp was replaced, and the optical performance was verified using LZV537 Filters lot 4696 exp.31 Dec 2022. Certification results were as follows: KV450/3 >2.8 Abs = 3.869, NG 9/1 @ 1.530Abs +/- 3% = 1.533, NG 5/2 @ 0.619 Abs +/- 3% = 0.621, NG 11/2 @ 3.18 Abs +/- 3% = 3.19, HO @ 360.9 nm +/- 2 nm = 361.0 nm, BG 20/2 @ 807.0 +/- 2nm = 807.1 nm. After PM service, the analyzer was restored to normal operation and its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	21090B001492	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.08 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.323, NG 5 @ 0.650 Abs +/- 3% = 0.659, NG 3 @ 2.055 Abs +/- 3% = 2.063, BG 3 @ >4.0 = 4.894 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	21010B002284	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.05 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.322, NG 5 @ 0.650 Abs +/- 3% = 0.655, NG 3 @ 2.055 Abs +/- 3% = 2.061, BG 3 @ >4.0 = 4.855 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	19020A000113	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.05 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.319, NG 5 @ 0.650 Abs +/- 3% = 0.651, NG 3 @ 2.055 Abs +/- 3% = 2.057, BG 3 @ >4.0 = 4.891 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	21050B002116	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.08 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.321, NG 5 @ 0.650 Abs +/- 3% = 0.659, NG 3 @ 2.055 Abs +/- 3% = 2.067, BG 3 @ >4.0 = 4.993 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	20110B005709	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.05 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.322, NG 5 @ 0.650 Abs +/- 3% = 0.656, NG 3 @ 2.055 Abs +/- 3% = 2.061, BG 3 @ >4.0 = 4.930 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	19010A000606	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.05 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.324, NG 5 @ 0.650 Abs +/- 3% = 0.649, NG 3 @ 2.055 Abs +/- 3% = 2.057, BG 3 @ >4.0 = 4.983 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	21090B001889	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.08 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.323, NG 5 @ 0.650 Abs +/- 3% = 0.657, NG 3 @ 2.055 Abs +/- 3% = 2.063, BG 3 @ >4.0 = 4.882 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
LPV445.97.00110	ee DR300 - Chlorine, Free + Total, w.Box, Pocket Colorimeter	21050B002173	
<b>Notes</b>			
As found, the condition of the meter was very good, and the firmware version was 1.08 The exterior, sample compartment, and optics were cleaned. The batteries were replaced, and the meter was inspected including the interference filter, sample cup, battery terminals, and sample cell retaining springs. The factory default calibration was restored. The operation was tested, and the wavelength accuracy was verified using Hach Certified DR300 Test Filter Set – Kit #: 165 / Expiry: 08/31/2023. The results were as follows: NG 11 @ 0.318 Abs +/- 3% = 0.323, NG 5 @ 0.650 Abs +/- 3% = 0.657, NG 3 @ 2.055 Abs +/- 3% = 2.062, BG 3 @ >4.0 = 4.761 nm. After PM service, the meter was restored to regular operation, its performance and condition were within specifications.			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
<b>Notes</b>			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
<b>Notes</b>			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
<b>Notes</b>			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
<b>Notes</b>			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
<b>Notes</b>			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
Notes			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
Notes			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
Notes			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
Notes			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
Notes			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
Notes			

Product / Produit	Product / Produit Description	Serial Number / No. de Série	Asset Tag
Notes			



**Functional Check Record**

Mettler Toledo Analytical Balance AL 204

Equipment Name

Mettler Toledo Analytical Balance AL 204

Manufacturer

Mettler

Serial Number

1232140789

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

25-Jan

19-Apr

23-Jul

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

1 Gram Weight	1000036492	± 0.000034
10 Gram Weight	1000035254	± 0.000050
50 Gram Weight	1000035339	± 0.00012
100 Gram Weight	1000035099	± 0.00025

1.0000
10.0000
50.0002
100.0001

1.0000
10.0000
49.9998
99.9999

0.9999
10.0000
49.9995
100.0000

1.0000
10.0001
50.0002
100.0001

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Initial

NH

MW

MP

NH

**Functional Check Record**

Mettler Toledo Moisture Analyzer

**Equipment Name**

Mettler Toledo HB43-S Halogen Moisture Analyzer

**Manufacturer**

Mettler Toledo

**Serial Number**

B118135426

**Location of Equipment**

Eastern WWTP

**Date of Functional Check**

Target Quarterly

25-Jan

19-Apr

23-Jul

22-Nov

**Condition/Cleanliness**

OK

OK

OK

OK

OK

1 g weight =

0.999

0.999

0.999

0.999

10 g Weight =

9.996

9.994

9.994

9.994

**Pass Calibration?**

Pass Calibration?

YES

YES

YES

YES

**Comments**

**Initial**

NH

MW

RG

RG

**Functional Check Record**

Tensette Pipette

Equipment Name

Tensette Pipette

Manufacturer

Hach

Serial Number

19700-01

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

26-Jan

19-Apr

03-Aug

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Standard 1

0.10 g

0.1148

0.1093

0.1130

0.1105

Standard 2

0.10 g

0.1122

0.1081

0.1118

0.1109

Standard 3

0.10 g

0.1129

0.1065

0.1126

0.1114

Standard 4

1.00 g

1.0094

1.0028

1.0000

1.0173

Standard 5

1.00 g

1.0176

0.9991

1.0051

1.0148

Standard 6

1.00 g

1.0085

1.0017

1.0137

1.0202

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Initial

NH

MW

NH

NH



**Functional Check Record**

**DR2800 Spectrophotometer CHLORINE**

**Equipment Name**  
**Manufacturer**  
**Serial Number**  
**Location of Equipment**

**DR2800 Spectrophotometer**  
**Hach**  
**1376639**  
**Eastern WWTP**

Date of Functional Check	Target Quarterly	25-Jan	19-Apr	23-Jul	22-Nov
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	
Standard 1	A0154	0.20 +/- 0.09	0.21	0.20	
Standard 2	A0154	0.85 +/- 0.10	0.88	0.87	
Standard 3	A0154	1.50 +/- 0.14	1.55	1.54	
Pass Calibration?	YES/NO	YES	YES	YES	
Comments		Battery 57%	Battery 48%	Battery 95%	Taken out of service. Touchscreen not working.
Initial		NH	MW	RG	RG

**Functional Check Record**

DR5000(1) Spectrophotometer CHLORINE

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

DR5000 Spectrophotometer  
 Hach  
 1233528  
 Eastern WWTP

Date of Functional Check

Target Quarterly

25-Jan

19-Apr

23-Jul

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

0.00

0.00

Standard 1

A0154

0.21 +/- 0.09

0.22

0.21

0.21

0.21

Standard 2

A0154

0.88 +/- 0.10

0.90

0.91

0.90

0.90

Standard 3

A0154

1.55 +/- 0.14

1.59

1.60

1.59

1.59

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Initial

NH

MW

MP

RG

**Functional Check Record**

DR5000(2) Spectrophotometer CHLORINE

Equipment Name

DR5000 Spectrophotometer

Manufacturer

Hach

Serial Number

1382671

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

25-Jan

19-Apr

23-Jul

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

0.00

0.00

Standard 1

A0154

0.21 +/- 0.09

0.21

0.21

0.21

0.21

Standard 2

A0154

0.88 +/- 0.10

0.88

0.89

0.89

0.89

Standard 3

A0154

1.55 +/- 0.14

1.56

1.57

1.57

1.57

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Initial

NH

MW

MP

RG

**Functional Check Record**

2100P Portable Turbidimeter

Equipment Name

2100P Portable Turbidimeter

Manufacturer

Hach

Serial Number

94050005174

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

26-Jan

19-Apr

23-Jun

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

StabCal Set

Lot #

Exp Apr/21

< 1.0 NTU

A9302

< 1.0 NTU

0.07

0.04

0.07

20 NTU

A9357

-/+ 1.0 NTU

20.1

20.2

20.2

100 NTU

A9365

-/+ 5.0 NTU

100

99.4

100

800 NTU

A9354

-/+ 40.0 NTU

816

809

780

Batteries Replaced

YES/NO

NO

NO

YES

NO

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Serviced

and passed

calibration

from Hach

Initial

NH

MW

RG

RG

**Functional Check Record**

2100Q Portable Turbidimeter

Equipment Name

2100Q Portable Turbidimeter

Manufacturer

Hach

Serial Number

11030C007836

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

26-Jan

19-Apr

26-Jun

12-Oct

Condition/Cleanliness

OK

OK

OK

OK

OK

StabCal Set

Lot #

Exp Apr/21

10 NTU

A0177

9 - 11 NTU

9.35

9.33

9.40

20 NTU

A0169

-/+ 1.0 NTU

19.1

19.1

18.9

100 NTU

A0174

-/+ 5.0 NTU

96.0

95.2

99.1

800 NTU

A0169

-/+ 40.0 NTU

764

777

786

Batteries Replaced

YES/NO

YES

NO

YES

NO

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Serviced  
and passed  
calibration  
from Hach

STD 2  
low by  
0.1 NTU

Initial

NH

MW

RG

MW

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name

Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

11000170892

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

25-Jan

20-Apr

30-Jul

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

0.00

0.00

Standard 1

A0154

0.20 +/- 0.09

0.20

0.20

0.20

0.20

Standard 2

A0154

0.85 +/- 0.10

0.86

0.87

0.86

0.87

Standard 3

A0154

1.50 +/- 0.14

1.53

1.53

1.52

1.54

Batteries Replaced

YES/NO

YES

NO

YES

NO

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Initial

NH

MW

MP

RG

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name

Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

30800039618

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

25-Jan

20-Apr

26-Jun

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.20 +/- 0.09

0.21

0.21

0.21

Standard 2

A0154

0.85 +/- 0.10

0.89

0.90

0.90

Standard 3

A0154

1.50 +/- 0.14

1.56

1.58

1.58

Batteries Replaced

YES/NO

YES

NO

YES

NO

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Serviced

and passed

calibration

from Hach

Initial

NH

MW

RG

RG

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name

Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

30800039597

Location of Equipment

Eastern WWTP

Date of Functional Check

Target Quarterly

25-Jan

20-Apr

26-Jun

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.20 +/- 0.09

0.20

0.20

0.19

Standard 2

A0154

0.85 +/- 0.10

0.84

0.85

0.84

Standard 3

A0154

1.50 +/- 0.14

1.48

1.49

1.48

Batteries Replaced

YES/NO

YES

NO

YES

NO

Vials Replaced

YES/NO

YES

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Serviced

and passed

calibration

from Hach

Initial

NH

MW

RG

RG



**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 AS1111E002  
 Eastern

Date of Functional Check	Target Quarterly	25-Jan	20-Apr	23-Jul	03-Sep
Condition/Cleanliness	OK	OK	OK	OK	
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	
Standard 1	A0154	0.20 +/- 0.09	0.20	0.19	
Standard 2	A0154	0.85 +/- 0.10	0.86	0.82	
Standard 3	A0154	1.50 +/- 0.14	1.49	1.45	
Batteries Replaced	YES/NO	NO	NO	NO	
Vials Replaced	YES/NO	NO	NO	NO	
Pass Calibration?	YES/NO	YES	YES	YES	
Comments		Back up meter			Taken out of service
Initial		RG	MW	MP	RG

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 AS1111E112  
 Eastern

Date of Functional Check	Target Quarterly	25-Jan	20-Apr	03-Sep	
Condition/Cleanliness	OK	OK	OK		
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00		
Standard 1	A0154	0.20 +/- 0.09	0.19	0.20	
Standard 2	A0154	0.85 +/- 0.10	0.86	0.86	
Standard 3	A0154	1.50 +/- 0.14	1.48	1.50	
Batteries Replaced	YES/NO	NO	NO		
Vials Replaced	YES/NO	NO	NO		
Pass Calibration?	YES/NO	YES	YES		
Comments		Back up meter		Taken out of service	
Initial		NH	MW	RG	

**Functional Check Record**

Chlorine Pocket II Colorimeter

Equipment Name

Chlorine Pocket II Colorimeter

Manufacturer

Hach

Serial Number

12060E199521

Location of Equipment

Water Treatment (East)

Date of Functional Check

Target Quarterly

27-Jan

21-Apr

03-Sep

Condition/Cleanliness

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.25

0.23

Standard 2

A0154

0.92 +/- 0.10

0.94

0.99

Standard 3

A0154

1.62 +/- 0.14

1.68

1.66

Functional Check

Lot #

Exp Feb/22

BLK

A0044

0.0

0.0

0.0

Standard 1

A0049

2.2 +/- 0.2

2.2

2.2

Standard 2

A0049

3.9 +/- 0.3

4.0

4.0

Standard 3

A0049

6.9 +/- 0.6

6.7

6.2

Batteries Replaced

YES/NO

YES

NO

Vials Replaced

YES/NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

Comments

HR STD3

Taken out

Low

of service

Replaced

with DR 300

Initial

RG

MW

RG

**Functional Check Record**

Chlorine Pocket II Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket II Colorimeter  
 Hach  
 12060E199553  
 Water Treatment (East)

Date of Functional Check	Target Quarterly	25-Jan	21-Apr	26-Jun	29-Oct
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00		
Standard 1	A0154	0.22 +/- 0.09	0.23		
Standard 2	A0154	0.92 +/- 0.10	0.93		
Standard 3	A0154	1.62 +/- 0.14	1.64		
Functional Check	Lot #	Exp Feb/22			
BLK	A0044	0.0	0.0		
Standard 1	A0049	2.2 +/- 0.2	2.1		
Standard 2	A0049	3.9 +/- 0.3	3.9		
Standard 3	A0049	6.9 +/- 0.6	6.4		
Batteries Replaced	YES/NO	NO	YES	YES	
Vials Replaced	YES/NO	YES	NO	NO	
Pass Calibration?	YES/NO	YES	YES	YES	
Comments				Serviced and passed calibration from Hach	Taken out of service Replaced with DR 300
Initial		NH	MW	RG	RG

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

19010A000606

Location of Equipment

Water Treatment (East)

Date of Functional Check

Target Quarterly

27-Jan

21-Apr

03-Sep

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.23

0.23

0.22

0.23

Standard 2

A0154

0.92 +/- 0.10

0.95

0.94

0.93

0.96

Standard 3

A0154

1.62 +/- 0.14

1.66

1.66

1.64

1.68

Functional Check

Lot #

Exp Feb/22

BLK

A0044

0.0

0.0

0.0

not

0.0

Standard 1

A0049

2.2 +/- 0.2

2.2

2.1

used

2.2

Standard 2

A0049

4.0 +/- 0.3

4.0

3.9

4.0

Standard 3

A0049

7.1 +/- 0.6

6.5

6.3

6.3

Batteries Replaced

YES/NO

YES

NO

NO

NO

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Initial

NH

MW

RG

NH

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

DR300 Chlorine Pocket Colorimeter  
 Hach  
 20110B005709  
 Water Treatment (East)

Date of Functional Check	Target Quarterly	29-Jan	20-Apr	23-Jul	23-Nov
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	0.00
Standard 1	A0154	0.22 +/- 0.09	0.23	0.23	0.21
Standard 2	A0154	0.92 +/- 0.10	0.94	0.94	0.93
Standard 3	A0154	1.62 +/- 0.14	1.65	1.65	1.63
Functional Check	Lot #	Exp Feb/22			
BLK	A0044	0.0	0.0	not	not
Standard 1	A0049	2.2 +/- 0.2	2.1	used	used
Standard 2	A0049	4.0 +/- 0.3	3.9		
Standard 3	A0049	7.1 +/- 0.6	6.5	6.2	
Batteries Replaced	YES/NO	YES	NO	NO	NO
Vials Replaced	YES/NO	NO	NO	NO	NO
Pass Calibration?	YES/NO	YES	YES	YES	YES
Comments		Brand New			
Initial		NH	MW	RG	RG

**Functional Check Record**

Chlorine Pocket II Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket II Colorimeter  
 Hach  
 07120E085323  
 Water Treatment (West)

Date of Functional Check	Target Quarterly	26-Jan	21-Apr	26-Jun	29-Oct
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00		
Standard 1	A0154	0.22 +/- 0.09	0.24		
Standard 2	A0154	0.92 +/- 0.10	0.94		
Standard 3	A0154	1.62 +/- 0.14	1.67		
Functional Check	Lot #	Exp Feb/22			
BLK	A0044	0.0	0.0		
Standard 1	A0049	2.2 +/- 0.2	2.2		
Standard 2	A0049	3.9 +/- 0.3	4.0		
Standard 3	A0049	6.9 +/- 0.6	6.4		
Batteries Replaced	YES/NO	YES	YES		
Vials Replaced	YES/NO	NO	NO		
Pass Calibration?	YES/NO	YES	YES		
Comments				Serviced and passed calibration from Hach	taken out of service. Replaced with DR300
Initial		NH	RG	RG	RG

**Functional Check Record**

Chlorine Pocket II Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket II Colorimeter  
 Hach  
 12060E199540  
 Water Treatment (West)

Date of Functional Check	Target Quarterly	26-Jan	21-Apr	26-Jun	29-Oct
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00		
Standard 1	A0154	0.22 +/- 0.09	0.23		
Standard 2	A0154	0.92 +/- 0.10	0.94		
Standard 3	A0154	1.62 +/- 0.14	1.66		
Functional Check	Lot #	Exp Feb/22			
BLK	A0044	0.0	0.0		
Standard 1	A0049	2.2 +/- 0.2	2.2		
Standard 2	A0049	3.9 +/- 0.3	4.0		
Standard 3	A0049	6.9 +/- 0.6	6.5		
Batteries Replaced	YES/NO	YES	YES		
Vials Replaced	YES/NO	NO	NO		
Pass Calibration?	YES/NO	YES	YES		
Comments				Serviced and passed calibration from Hach	taken out of service. Replaced with DR300
Initial		NH	RG	RG	RG



**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

DR300 Chlorine Pocket Colorimeter  
 Hach  
 19020A000113  
 Water Treatment (West)

Date of Functional Check	Target Quarterly	27-Jan	21-Apr	23-Jul	22-Nov
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	0.00
Standard 1	A0154	0.22 +/- 0.09	0.24	0.23	0.23
Standard 2	A0154	0.92 +/- 0.10	0.95	0.94	0.95
Standard 3	A0154	1.62 +/- 0.14	1.68	1.69	1.69
Functional Check	Lot #	Exp Feb/22			
BLK	A0044	0.0	0.0	not used	not used
Standard 1	A0049	2.2 +/- 0.2	2.2		
Standard 2	A0049	4.0 +/- 0.3	4.0		
Standard 3	A0049	7.1 +/- 0.6	6.5	6.4	
Batteries Replaced	YES/NO	NO	NO	YES	NO
Vials Replaced	YES/NO	NO	NO	NO	NO
Pass Calibration?	YES/NO	YES	YES	YES	YES
Comments					
Initial		NH	RG	RG	RG

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

21010B002284

Location of Equipment

Water Treatment (West)

Date of Functional Check

Target Quarterly

20-Apr

23-Jul

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.23

0.23

0.24

Standard 2

A0154

0.92 +/- 0.10

0.95

0.94

0.95

Standard 3

A0154

1.62 +/- 0.14

1.68

1.68

1.68

Functional Check

Lot #

Exp Feb/22

BLK

A0044

0.0

0.0

not

not

Standard 1

A0049

2.2 +/- 0.2

2.2

used

used

Standard 2

A0049

4.0 +/- 0.3

4.0

Standard 3

A0049

7.1 +/- 0.6

6.2

Batteries Replaced

YES/NO

NO

NO

NO

Vials Replaced

YES/NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

Comments

Received

Feb-21

Initial

MW

RG

RG

**Functional Check Record**

2100P Portable Turbidimeter

Equipment Name

2100P Portable Turbidimeter

Manufacturer

Hach

Serial Number

05110C014655

Location of Equipment

Water Treatment (East)

Date of Functional Check

Target Quarterly

27-Jan

21-Apr

26-Jun

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

StabCal Set

Lot #

Exp Apr/21

< 1.0 NTU

A9302

< 1.0 NTU

0.13

0.09

0.09

20 NTU

A9357

-/+ 1.0 NTU

19.9

19.8

20.6

100 NTU

A9365

-/+ 5.0 NTU

99.1

95.4

98.8

800 NTU

A9354

-/+ 40.0 NTU

768

768

786

Batteries Replaced

YES/NO

YES

NO

YES

NO

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Serviced

and passed

calibration

from Hach

Initial

NH

MW

RG

RG

**Functional Check Record**

2100P Portable Turbidimeter

Equipment Name

2100P Portable Turbidimeter

Manufacturer

Hach

Serial Number

05120C015154

Location of Equipment

Water Treatment (West)

Date of Functional Check

Target Quarterly

26-Jan

21-Apr

26-Jun

22-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

StabCal Set

Lot #

Exp Apr/21

< 1.0 NTU

A9302

< 1.0 NTU

0.09

0.07

0.09

20 NTU

A9357

-/+ 1.0 NTU

21.0

20.9

21.0

100 NTU

A9365

-/+ 5.0 NTU

102

101

102

800 NTU

A9354

-/+ 40.0 NTU

814

801

793

Batteries Replaced

YES/NO

YES

NO

YES

NO

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Serviced

and passed

calibration

from Hach

Initial

NH

MW

RG

RG

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 30800039624  
 Truck 410

Date of Functional Check	Target Quarterly	27-Jan	30-Jun	15-Dec	
Condition/Cleanliness	OK	OK	OK	OK	
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	
Standard 1	A0154	0.20 +/- 0.09	0.19	0.19	
Standard 2	A0154	0.85 +/- 0.10	0.80	0.80	
Standard 3	A0154	1.50 +/- 0.14	1.41	1.44	1.43
Batteries Replaced	YES/NO	YES	YES	YES	
Vials Replaced	YES/NO	NO	NO	NO	
Pass Calibration?	YES/NO	YES	YES	YES	
Comments					
Initial		RG	RG	MW	

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 700149166  
 Truck 411

Date of Functional Check	Target Quarterly	27-Jan	22-Apr	30-Jun	15-Dec
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	0.00
Standard 1	A0154	0.20 +/- 0.09	0.19	0.19	0.19
Standard 2	A0154	0.85 +/- 0.10	0.81	0.81	0.80
Standard 3	A0154	1.50 +/- 0.14	1.43	1.40	1.42
Batteries Replaced	YES/NO	NO	YES	YES	YES
Vials Replaced	YES/NO	NO	NO	NO	NO
Pass Calibration?	YES/NO	YES	YES	YES	YES
Comments					
Initial		RG	MW	RG	MW

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 30900039688  
 Truck 425

Date of Functional Check	Target Quarterly	27-Jan	21-Apr	06-Aug	
Condition/Cleanliness	OK	OK	OK	OK	
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	
Standard 1	A0154	0.20 +/- 0.09	0.20	0.19	
Standard 2	A0154	0.85 +/- 0.10	0.85	0.83	
Standard 3	A0154	1.50 +/- 0.14	1.51	1.48	
Batteries Replaced	YES/NO	NO	YES	NO	
Vials Replaced	YES/NO	NO	NO	NO	
Pass Calibration?	YES/NO	YES	YES	YES	
Comments					
Initial		MW	MW	MW	

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 30800039595  
 Truck 428

Date of Functional Check	Target Quarterly	03-Feb	22-Apr		
Condition/Cleanliness	OK	OK	OK		
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00		
Standard 1	A0154	0.20 +/- 0.09	0.19		
Standard 2	A0154	0.85 +/- 0.10	0.84		
Standard 3	A0154	1.50 +/- 0.14	1.48		
Batteries Replaced	YES/NO	YES	NO		
Vials Replaced	YES/NO	NO	NO		
Pass Calibration?	YES/NO	YES	YES		
Comments					
Initial		MW	MW		



**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 XXX00039412  
 Truck 431

Date of Functional Check Target Quarterly

26-Apr

Condition/Cleanliness

OK

OK

Functional Check

Lot #

Exp June/22

BLK

A0137

0.00

0.00

Standard 1

A0154

0.20 +/- 0.09

0.21

Standard 2

A0154

0.85 +/- 0.10

0.89

Standard 3

A0154

1.50 +/- 0.14

1.57

Batteries Replaced

YES/NO

YES

Vials Replaced

YES/NO

NO

Pass Calibration?

YES/NO

YES

Comments

Initial

NH

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 30900039698  
 Truck 433

Date of Functional Check	Target Quarterly	27-Jan	22-Apr	06-Aug	03-Dec
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	0.00
Standard 1	A0154	0.20 +/- 0.09	0.19	0.20	0.20
Standard 2	A0154	0.85 +/- 0.10	0.84	0.85	0.85
Standard 3	A0154	1.50 +/- 0.14	1.49	1.49	1.49
Batteries Replaced	YES/NO	NO	YES	NO	YES
Vials Replaced	YES/NO	NO	NO	NO	NO
Pass Calibration?	YES/NO	YES	YES	YES	YES
Comments					
Initial		MW	MW	MW	MW

**Functional Check Record**

Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

Chlorine Pocket Colorimeter  
 Hach  
 LL #3  
 Truck 434

Date of Functional Check	Target Quarterly	27-Jan	28-Apr	23-Jul	22-Nov
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #	Exp June/22			
BLK	A0137	0.00	0.00	0.00	0.00
Standard 1	A0154	0.20 +/- 0.09	0.21	0.20	0.19
Standard 2	A0154	0.85 +/- 0.10	0.86	0.85	0.84
Standard 3	A0154	1.50 +/- 0.14	1.52	1.49	1.48
Batteries Replaced	YES/NO	NO	YES	YES	NO
Vials Replaced	YES/NO	NO	NO	NO	NO
Pass Calibration?	YES/NO	YES	YES	YES	YES
Comments					taken out of service. Replaced with similar model
Initial		RG	NH	MP	NH

LOCATION	CONTACTS	INSTRUMENT	SERIAL NUMBER
<b>EWWTPLAB</b>	<b>Richard Graves</b> <b>Matt Warren</b> <b>Natasha Doiron</b>	Mettler Toledo Analytical Balance AL 204	1232140789
		Mettler Toledo HB43-S Halogen Moisture Analyzer	B118135426
		HACH Tensette Pipette	19700-01
		HACH DR1900 Spectrophotometer (Chlorine)	212886601003
		HACH DR5000 Spectrophotometer (Chlorine)	1382671
		HACH DR6000 Spectrophotometer (Chlorine)	2111322
		HACH 2100Q Portable Turbidimeter	11030C007836
		HACH DR300 Chlorine Meter	21090B001492
		HACH DR300 Chlorine Meter	21090B001889
<b>Water Treatment (EAST)</b>	<b>Kevin Ayles</b> <b>Joey St. Coeur</b>	HACH DR300 Chlorine Meter	21050B002173
		HACH DR300 Chlorine Meter	19010A000606
		HACH DR300 Chlorine Meter	20110B005709
		HACH 2100Q Portable Turbidimeter	16100C053100
<b>Water Treatment (WEST)</b>	<b>Rod Comeau</b> <b>Ed Crowley</b>	HACH DR300 Chlorine Meter	21050B002116
		HACH DR300 Chlorine Meter	19020A000113
		HACH DR300 Chlorine Meter	21010B002284
		HACH 2100Q Portable Turbidimeter	21080D000472

**Functional Check Record**

Mettler Toledo Analytical Balance AL 204

Equipment Name

Mettler Toledo Analytical Balance AL 204

Manufacturer

Mettler

Serial Number

1232140789

Location of Equipment

Eastern WWTP Lab

Date of Functional Check

Target Quarterly

24-Jan

01-Apr

20-Jul

17-Oct

Condition/Cleanliness

OK

OK

OK

OK

OK

1 Gram Weight	1000036492	± 0.000034
10 Gram Weight	1000035254	± 0.000050
50 Gram Weight	1000035339	± 0.00012
100 Gram Weight	1000035099	± 0.00025

1.0000
10.0001
50.0009
100.0016

1.0000
10.0001
50.0002
100.0002

1.0000
9.9999
49.9992
99.9982

1.0000
10.0001
49.9999
99.9994

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments


Initial

MW

MW

MW

ND

**Functional Check Record**

Mettler Toledo Moisture Analyzer

**Equipment Name**

Mettler Toledo HB43-S Halogen Moisture Analyzer

**Manufacturer**

Mettler Toledo

**Serial Number**

B118135426

**Location of Equipment**

Eastern WWTP Lab

**Date of Functional Check**

Target Quarterly

24-Jan

01-Apr

20-Jul

17-Oct

**Condition/Cleanliness**

OK

OK

OK

OK

OK

1 g weight =

1

0.999

0.999

0.999

10 g Weight =

9.993

9.992

9.993

9.993

**Pass Calibration?**

Pass Calibration?

YES

YES

YES

YES

**Comments**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Initial**

MW

MW

MW

ND

**Functional Check Record**

Tensette Pipette

**Equipment Name**

Tensette Pipette

**Manufacturer**

Hach

**Serial Number**

19700-01

**Location of Equipment**

Eastern WWTP Lab

**Date of Functional Check**

**Target Quarterly**

24-Jan

20-Jul

14-Nov

**Condition/Cleanliness**

OK

OK

OK

OK

**Standard 1**

0.10 g

0.1085

0.0979

0.1006

**Standard 2**

0.10 g

0.1088

0.1004

0.1004

**Standard 3**

0.10 g

0.1067

0.0976

0.1021

**Standard 4**

1.00 g

0.9760

0.9923

0.9867

**Standard 5**

1.00 g

0.9846

1.0039

0.9983

**Standard 6**

1.00 g

0.9784

1.0028

0.9905

**Pass Calibration?**

YES/NO

YES

YES

YES

**Comments**

**Initial**

MW

MW

MP

**Functional Check Record**

DR1900 Spectrophotometer CHLORINE

Equipment Name

DR1900 Spectrophotometer

Manufacturer

Hach

Serial Number

212886601003

Location of Equipment

Eastern WWTP Lab

Date of Functional Check

Target Quarterly

27-Jan

01-Apr

21-Jun

17-Oct

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.20 +/- 0.09

0.21

0.19

0.19

Standard 2

A0154

0.85 +/- 0.10

0.88

0.80

0.81

Standard 3

A0154

1.50 +/- 0.14

1.55

1.50

1.52

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

MW

MW

RG

ND



**Functional Check Record**

DR5000 Spectrophotometer CHLORINE

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

DR5000 Spectrophotometer  
 Hach  
 1382671  
 Eastern WWTP Lab

Date of Functional Check	Target Quarterly	27-Jan	01-Apr	21-Jun	17-Oct
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #				
BLK	A0137	0.00	0.00		0.00
Standard 1	A0154	0.21 +/- 0.09	0.21	0.19	0.19
Standard 2	A0154	0.88 +/- 0.10	0.88	0.80	0.81
Standard 3	A0154	1.55 +/- 0.14	1.56	1.53	1.53
Pass Calibration?	YES/NO	YES	YES	YES	YES
Comments				Instrument serviced by Hach	
Initial		MW	MW	RG	ND

**Functional Check Record**

DR6000 Spectrophotometer CHLORINE

Equipment Name

DR6000 Spectrophotometer

Manufacturer

Hach

Serial Number

2111322

Location of Equipment

Eastern WWTP Lab

Date of Functional Check

Target Quarterly

27-Jan

01-Apr

21-Jun

17-Oct

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.20 +/- 0.09

0.21

0.19

0.19

Standard 2

A0154

0.85 +/- 0.10

0.89

0.81

0.81

Standard 3

A0154

1.50 +/- 0.14

1.57

1.53

1.54

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

MW

MW

RG

ND

**Functional Check Record**

2100Q Portable Turbidimeter

Equipment Name

2100Q Portable Turbidimeter

Manufacturer

Hach

Serial Number

11030C007836

Location of Equipment

Eastern WWTP Lab

Date of Functional Check

Target Quarterly

28-Jan

01-Apr

21-Jun

17-Oct

Condition/Cleanliness

OK

OK

OK

OK

OK

StabCal Set

Lot #

10 NTU

A0177

9 - 11 NTU

9.58

9.49

10.50

20 NTU

A0169

-/+ 1.0 NTU

19.0

19.0

20.3

100 NTU

A0174

-/+ 5.0 NTU

98.3

98.1

97.3

800 NTU

A0169

-/+ 40.0 NTU

787

776

748

Batteries Replaced

YES/NO

YES

NO

YES

Vials Replaced

YES/NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

#4 std

serviced

reading low

by Hach

Initial

NH

MW

RG

ND

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

21090B001492

Location of Equipment

Eastern WWTP Lab

Date of Functional Check

Target Quarterly

28-Jan

01-Apr

21-Jun

17-Oct

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.23

0.20

0.20

Standard 2

A0154

0.92 +/- 0.10

0.94

0.85

0.85

Standard 3

A0154

1.62 +/- 0.14

1.65

1.58

1.58

Batteries Replaced

YES/NO

NO

NO

YES

YES

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

NH

MW

RG

ND

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

21090B001889

Location of Equipment

Eastern WWTP Lab

Date of Functional Check

Target Quarterly

28-Jan

01-Apr

21-Jun

17-Oct

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.23

0.20

0.20

Standard 2

A0154

0.92 +/- 0.10

0.95

0.86

0.86

Standard 3

A0154

1.62 +/- 0.14

1.67

1.61

1.61

Batteries Replaced

YES/NO

NO

NO

YES

YES

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

NH

MW

RG

ND

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

19010A000606

Location of Equipment

Water Treatment (East)

Date of Functional Check

Target Quarterly

10-Feb

01-Apr

21-Jun

03-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.23

0.20

0.20

Standard 2

A0154

0.92 +/- 0.10

0.94

0.85

0.86

Standard 3

A0154

1.62 +/- 0.14

1.67

1.60

1.61

Batteries Replaced

YES/NO

YES

NO

YES

YES

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

MW

MW

RG

RG

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

20110B005709

Location of Equipment

Water Treatment (East)

Date of Functional Check

Target Quarterly

10-Feb

01-Apr

21-Jun

03-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.23

0.20

0.20

Standard 2

A0154

0.92 +/- 0.10

0.94

0.85

0.86

Standard 3

A0154

1.62 +/- 0.14

1.65

1.59

1.59

Batteries Replaced

YES/NO

YES

NO

YES

YES

Vials Replaced

YES/NO

YES (1)

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

MW

MW

RG

RG

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

21050B002173

Location of Equipment

Water Treatment (East)

Date of Functional Check

Target Quarterly

10-Feb

01-Apr

21-Jun

07-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.20

0.20

0.20

Standard 2

A0154

0.92 +/- 0.10

0.90

0.85

0.85

Standard 3

A0154

1.62 +/- 0.14

1.58

1.59

1.60

Batteries Replaced

YES/NO

YES

NO

YES

YES

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

RG

MW

RG

RG



**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

19020A000113

Location of Equipment

Water Treatment (West)

Date of Functional Check

Target Quarterly

10-Feb

01-Apr

21-Jun

09-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.24

0.20

0.21

Standard 2

A0154

0.92 +/- 0.10

0.95

0.85

0.87

Standard 3

A0154

1.62 +/- 0.14

1.68

1.61

1.63

Batteries Replaced

YES/NO

YES

NO

YES

YES

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

MW

MW

RG

MP

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name  
 Manufacturer  
 Serial Number  
 Location of Equipment

DR300 Chlorine Pocket Colorimeter  
 Hach  
 21010B002284  
 Water Treatment (West)

Date of Functional Check	Target Quarterly	10-Feb	01-Apr	21-Jun	09-Nov
Condition/Cleanliness	OK	OK	OK	OK	OK
Functional Check	Lot #				
BLK	A0137	0.00	0.00		0.00
Standard 1	A0154	0.22 +/- 0.09	0.22	0.21	0.20
Standard 2	A0154	0.92 +/- 0.10	0.94	0.87	0.87
Standard 3	A0154	1.62 +/- 0.14	1.67	1.62	1.63
Batteries Replaced	YES/NO	YES	NO	YES	YES
Vials Replaced	YES/NO	NO	NO	NO	NO
Pass Calibration?	YES/NO	YES	YES	YES	YES
Comments				Instrument serviced by Hach	
Initial		MW	MW	RG	MP

**Functional Check Record**

DR 300 Chlorine Pocket Colorimeter

Equipment Name

DR300 Chlorine Pocket Colorimeter

Manufacturer

Hach

Serial Number

21050B002116

Location of Equipment

Water Treatment (West)

Date of Functional Check

Target Quarterly

10-Feb

01-Apr

21-Jun

09-Nov

Condition/Cleanliness

OK

OK

OK

OK

OK

Functional Check

Lot #

BLK

A0137

0.00

0.00

0.00

0.00

Standard 1

A0154

0.22 +/- 0.09

0.23

0.20

0.21

Standard 2

A0154

0.92 +/- 0.10

0.94

0.86

0.86

Standard 3

A0154

1.62 +/- 0.14

1.67

1.62

1.65

Batteries Replaced

YES/NO

YES

NO

YES

YES

Vials Replaced

YES/NO

NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

YES

Comments

Instrument

serviced

by Hach

Initial

MW

MW

RG

MP

**Functional Check Record**

2100Q Portable Turbidimeter

Equipment Name

2100Q Portable Turbidimeter

Manufacturer

Hach

Serial Number

16100C053100

Location of Equipment

Water Treatment - East

Date of Functional Check

Target Quarterly

21-Jun

03-Nov

Condition/Cleanliness

OK

OK

OK

StabCal Set

Lot #

10 NTU

A0177

9 - 11 NTU

9.80

20 NTU

A0169

-/+ 1.0 NTU

19.6

100 NTU

A0174

-/+ 5.0 NTU

98.4

800 NTU

A0169

-/+ 40.0 NTU

767

Batteries Replaced

YES/NO

YES

YES

Vials Replaced

YES/NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

Comments

Instrument

serviced

by Hach

Initial

RG

RG

**Functional Check Record**

2100Q Portable Turbidimeter

Equipment Name

2100Q Portable Turbidimeter

Manufacturer

Hach

Serial Number

21080D000472

Location of Equipment

Water Treatment - West

Date of Functional Check

Target Quarterly

21-Jun

09-Nov

Condition/Cleanliness

OK

OK

OK

StabCal Set

Lot #

10 NTU

A0177

9 - 11 NTU

10.0

20 NTU

A0169

-/+ 1.0 NTU

20.1

100 NTU

A0174

-/+ 5.0 NTU

96.2

800 NTU

A0169

-/+ 40.0 NTU

743

Batteries Replaced

YES/NO

YES

YES

Vials Replaced

YES/NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

Comments

Instrument  
serviced  
by Hach

800 NTU  
Std low

Initial

RG

MP

**Functional Check Record**

2100P Portable Turbidimeter

Equipment Name

2100P Portable Turbidimeter

Manufacturer

Hach

Serial Number

05110C014655

Location of Equipment

Water Treatment (East)

Date of Functional Check

Target Quarterly

10-Feb

01-Apr

21-Jun

21-Jun

Condition/Cleanliness

OK

OK

OK

OK

StabCal Set

Lot #

< 1.0 NTU

A9302

< 1.0 NTU

0.07

0.06

20 NTU

A9357

-/+ 1.0 NTU

20.9

20.5

100 NTU

A9365

-/+ 5.0 NTU

102

105

800 NTU

A9354

-/+ 40.0 NTU

791

809

Batteries Replaced

YES/NO

YES

NO

YES

Vials Replaced

YES/NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

Comments

Instrument

taken

serviced

out of

by Hach

service

2100Q

in service

Initial

MW

MW

RG

RG

**Functional Check Record**

2100P Portable Turbidimeter

Equipment Name

2100P Portable Turbidimeter

Manufacturer

Hach

Serial Number

05120C015154

Location of Equipment

Water Treatment (West)

Date of Functional Check

Target Quarterly

10-Feb

01-Apr

21-Jun

21-Jun

Condition/Cleanliness

OK

OK

OK

OK

StabCal Set

Lot #

< 1.0 NTU

A9302

< 1.0 NTU

0.08

0.07

20 NTU

A9357

-/+ 1.0 NTU

20.9

20.4

100 NTU

A9365

-/+ 5.0 NTU

102

105

800 NTU

A9354

-/+ 40.0 NTU

789

817

Batteries Replaced

YES/NO

YES

NO

YES

Vials Replaced

YES/NO

NO

NO

NO

Pass Calibration?

YES/NO

YES

YES

YES

Comments

Instrument

taken

serviced

out of

by Hach

service

2100Q

in service

Initial

MW

MW

RG

RG

## Appendix J

### Certifications Achieved to Date



**Employee Certifications Achieved to Date**

First Name	Last name	Class I Water Treatment	Class II Water Treatment	Class III Water Treatment	Class IV Water Treatment	Class I Water Distribution	Class II Water Distribution	Class III Water Distribution	Class IV Water Distribution	Class I Wastewater Collection	Class II Wastewater Collection	Class III Wastewater Collection	Class I Wastewater Treatment	Class II Wastewater Treatment	Class III Wastewater Treatment
STEVEN	ANDERSON					•	•	•		•	•				
TYLER	ARMSTRONG					•				•					
KEVIN	AYLES	•	•												
MICHAEL	BALLARD					•	•			•					
RANDY	BENSON					•	•			•	•				
TERRANCE	BLANCHARD												•	•	
DARREN	BOUDREAU												•	•	
CARL	BRANDON														
JOEL	BURY	•	•												
NICK	CAIL														
PAUL	CAMPBELL					•									
MIKE	CARR					•				•					
RICHARD	CASEY	•													
RODRIGUE	COMEAU	•	•												
EDWARD	CROWLEY	•	•												
CHRISTOPHER	CROWLEY					•	•	•		•					
DUSTIN	CURTIS									•			•	•	
ANDREW	CYR														
MIKE	DOHERTY														
JUSTIN	DOIRON												•		
KYLE	DORKEN												•		
HAROLD	EATMON					•				•					
LIAM	FOX														
PETER	FUDGE					•	•	•							
LeROY	GRAHAM	•	•			•		•					•	•	
RICHARD	GRAVES	•	•										•	•	•
MIKE	GRAY												•		
MARK	GREEN														
JAMES	HANSEN														
KELLY	HARQUAIL														
GRANT	HARRIGAN					•	•	•	•	•	•				
KYLE	HETHERINGTON					•									
ART	HOVEY	•	•	•		•	•	•					•	•	
JARED	HUNTER												•	•	
MICHAEL	JAILLETTE												•		
CHRISTOPHER S	JOHNSON												•		
SALEEM	KALEEM	•	•	•									•		



**Employee Certifications Achieved to Date**

First Name	Last name	Class I Water Treatment	Class II Water Treatment	Class III Water Treatment	Class IV Water Treatment	Class I Water Distribution	Class II Water Distribution	Class III Water Distribution	Class IV Water Distribution	Class I Wastewater Collection	Class II Wastewater Collection	Class III Wastewater Collection	Class I Wastewater Treatment	Class II Wastewater Treatment	Class III Wastewater Treatment
SEAN	SEAWARD					•	•			•	•		•		
BRAD	SHANNON									•			•	•	
TONY	SHAW					•				•					
JOSEPH	SKERRY					•									
JOEY	ST. COEUR	•	•												
TERRY	STEVENS	•	•			•	•			•	•				
DANIEL	STONE					•				•	•				
LIAM	THERIAULT					•									
MATTHEW	WARREN														
BRUCE	WHITE					•									
MICHELLE	WILLISTON	•				•									
STEPHEN	WRIGHT					•				•					

## Appendix K

### 2022 Summary of Watermain Breaks

Saint John Water  
Summary of Watermain Failures for 2022

Date	Location	Pipe Material	Pipe Diameter	Watermain Failure Cause	Repair Type	Boil Water Order issued?
January 2, 2022	286 King Street West	Cast Iron	200mm (8")	Shear	Repair Clamp	No
January 3, 2022	931 Seacliff Drive	Cast Iron	150mm (6")	Shear	Repair Clamp	No
January 8, 2022	171 Pauline Street	Cast Iron	150mm (6")	Shear	Repair Clamp	No
January 12, 2022	165 Brookview Crescent	Cast Iron	200mm (8")	Shear	Repair Clamp	No
January 12, 2022	59 Sherwood Drive	Cast Iron	200mm (8")	Split	Replaced section	Yes
January 15, 2022	869 Mollins Drive	Cast Iron	200mm (8")	Shear	Repair Clamp	No
January 16, 2022	613 Wallace Court	Cast Iron	150mm (6")	Shear	Repair Clamp	No
January 27, 2022	134 Carmarthen Street	PVC DR-18	300mm (12")	Dresser Leaking	Repair Clamp	No
February 3, 2022	27Milford Road	PVC DR-18	150mm (6")	Split	Replaced section	Yes
February 8, 2022	40 King Street	Cast Iron	300mm (12")	Shear	Repair Clamp	No
February 9, 2022	37 Glengarry Drive	Cast Iron	200mm (8")	Shear	Repair Clamp	No
February 15, 2022	838 Sand Cove Road	Cast Iron	200mm (8")	Shear	Repair Clamp	No
February 27, 2022	17 John T. McMillan Avenue	Cast Iron	150mm (6")	Shear	Repair Clamp	No
March 1, 2022	910 McCavour Drive	Cast Iron	200mm (8")	Leaking Joint	Replaced section	Yes
March 9, 2022	63 Morley Crescent	Cast Iron	200mm (8")	Shear	Repair Clamp	No
March 20, 2022	112 Manners Sutton Road	Cast Iron	150mm (6")	Shear	Repair Clamp	No
March 25, 2022	62 Harmony Drive	Cast Iron	200mm (8")	Shear	Repair Clamp	No
April 11, 2022	67 Eden Street	Cast Iron	150mm (6")	Shear	Repair Clamp	No
April 12, 2022	481 Lancaster Avenue	Cast Iron	300mm (12")	Split	Replaced section	Yes
May 5, 2022	74 Kennedy Street	Cast Iron	100mm (4")	Shear	Repair Clamp	No
May 13, 2022	11 foulis court	Cast Iron	150mm (6")	Split	Replaced section	Yes
May 7, 2022	1350 Hickey Road	Cast Iron	250mm (10")	Shear	Repair Clamp	Yes
May 18, 2022	11 Vale Crest Drive	Cast Iron	150mm (6")	Shear	Repair Clamp	No
May 24, 2022	209 Westmorland Road	Cast Iron	200mm (8")	Shear	Replaced section	No
June 4, 2022	113 Winslow Street	Cast Iron	200mm (8")	Blow-out	Replaced section	Yes
June 4, 2022	163 Riverview Drive	Cast Iron	150mm (6")	Blow-out	Replaced section	Yes
June 7, 2022	61 Glengarry Drive	Cast Iron	200mm (8")	Shear	Repair Clamp	No
July 20, 2022	407 Chesley Drive	Ductile Iron	200mm (8")	Split	Replaced section	Yes
July 29, 2022	208 Winslow Street	Cast Iron	150mm (6")	Blow-out	Replaced section	Yes
August 11, 2022	234 Bridge Street	Cast Iron	200mm (8")	Shear	Repair Clamp	No
August 8, 2022	14 Wellesley Avenue	Cast Iron	150mm (6")	Corrosion Pit Hole	Replaced section	Yes

Saint John Water  
Summary of Watermain Failures for 2022

Date	Location	Pipe Material	Pipe Diameter	Watermain Failure Cause	Repair Type	Boil Water Order issued?
September 8, 2022	18 Park Street Extension	Cast Iron	150mm (6")	Blow-out	Replaced section	Yes
September 13, 2022	511 Bay Street	Cast Iron	300mm (12")	Leaking Joint	packed full of lead	No
September 14, 2022	690 Grandview Avenue	Cast Iron	300mm (12")	Split	Replaced section	Yes
September 26, 2022	511 Bay Street	Cast Iron	300mm (12")	Leaking Joint	Replaced section	Yes
October 6, 2022	155 Glen Road	Ductile Iron	150mm (6")	Split	Replaced section	Yes
October 22, 2022	85 Durham Street	Cast Iron	150mm (6")	Blow-out	Replaced section	Yes
November 20, 2022	27 Lakewood Avenue	Cast Iron	200mm (8")	Shear	Repair Clamp	No
November 27, 2022	15 Roberts Court	Ductile Iron	150mm (6")	Corrosion Pit Hole	Repair Clamp	No
November 27, 2022	811 Grandview Avenue	Cast Iron	300mm (12")	Shear	Repair Clamp	No
November 30, 2022	559 Sandy Point Road	Cast Iron	200mm (8")	Shear	Repair Clamp	No
December 3, 2022	19 Harmony Drive	Cast Iron	200mm (8")	Shear	Repair Clamp	No
December 7, 2022	42 Morley Crescent	Ductile Iron	200mm (8")	Shear	Repair Clamp	Yes
December 14, 2022	416 Woodward Avenue	Cast Iron	200mm (8")	Shear	Repair Clamp	No
December 20, 2022	17 Robinson Street	Cast Iron	150mm (6")	Shear	Repair Clamp	No

# Appendix L

## 2022 Staff Training Summary







## Appendix M

### Examples of Weekly Construction Update

# ACTIVE CONTRACTS (WORK CURRENTLY BEING DONE)

CONTRACT #	CONTRACT TITLE	PROJECT ENGINEER	INSPECTOR	CONTRACTOR
2020-14	Musquash Water Pumping Station Upgrades	Susan Steven 639-2122	CBCL  Rob Zelward (333-9362) Inspector  Guillaume Savoie (343-6338) Project Manager	Avondale Construction Limited  David Mills (650-7951) Site Foreman  Ryan Hovey (506-875-8955) Project Manager
2021-08	Wentworth Street (Elliott Row to Orange Street) Water, Sanitary and Storm Sewer Renewal and Street Reconstruction	Holly Young 650-0329 Back-up: Kevin O'Brien 658-2849	CBCL Rob Zelward (333-9362)	Galbraith Construction  Carly Galbraith (651-5543) Gary Galbraith (636-2668)
2021-83001T	Public Space at Market Slip – Site Demolition	Brian Keenan 343-0253	Glenn Group  Cody Millett (651-5206) Inspector  Chris Travis (476-2032) Project Manager	Terraex Inc.  Paul Lirette (608-1791) Site Foreman  Dan Houghton (721-5847) Project Manager
2021-081202T	Fundy Quay – Site Works	Brian Keenan 343-0253	Dillon  James McLaughlin (333-3523) Inspector  Doug Hartford (651-6822) Project Manager	Galbraith Construction Ltd.  Ben Plume (651-4791) Site Foreman  Ashley McKiel (650-4882) Project Manager
2021-02	Princess Street – Sanitary & Storm Sewer	John Campbell 632-6890	Englobe Inc.  Mikel Lester (609-0655) Inspector	Terraex Inc.  Paul Lirette (608-1791) Site Foreman  Dan Houghton (721-5847) Project Manager
2021-09	Caledonia Pathway – Sewer Twinning	Susan Steven 639-2122	CBCL  Rennie Latchman – Inspector (378-4702) Kent Tays – Project Manager (647-6723)	Midi Construction  Mike Dineen (333-7147)

2022-116	Asphalt Resurfacing	Rod Mahaney 333-9408	Gemtec Marco Sivitilli (343-2188)	Galbraith Construction Carly Galbraith (651-5543) Gary Galbraith (636-2668)
2022-08	Dominion Park Road – Sanitary Force Main	John Campbell 632-6890	EXP Ryan Locke (650-3028)	Maguire Excavating Sam Maguire Jr. (651-4923) Sam Maguire (636-2337)



SAINT JOHN

## WEEKLY CONSTRUCTION UPDATE

Utilities & Infrastructure Services  
Services d'utilité publique et d'infrastructure  
(506) 658-4455 / [service@saintjohn.ca](mailto:service@saintjohn.ca)  
<http://www.saintjohn.ca>



**Construction Update/Nouvelles hebdomadaires    October 14, 2022/ le 14 octobre 2022**



Drive with Caution or Use Alternate Routes  
Police Will Be Monitoring Traffic  
Expect Traffic Interruptions

Conduisez prudemment ou utilisez un trajet de rechange  
La police surveillera la circulation  
S'attendre à des interruptions de la circulation

### CITY OF SAINT JOHN PROJECTS

#### NEW/NOUVEAU

<b>CONTINUING/ENCOURS:</b>	
<p><b><u>Contract 2021-14: Germain Street (St. James Street to Lower Cove Loop) &amp; Lower Cove Loop</u></b></p> <p><b>July 6, 2022</b> – For Germain Street the work generally involves the renewal of the watermain and sanitary and storm sewer mains and full street reconstruction from St. James Street to Lower Cove Loop. For Lower Cove Loop the work generally involves the installation of a new sanitary sewer and watermain from Canterbury Street to Charlotte Street. Local access will be maintained but delays should be expected. Marked detours will be in place. Please obey traffic signage or choose an alternate route.</p> <p><u>Starting July 6, 2022</u>, Lower Cove Loop will be closed to through traffic from Prince William Street to Charlotte Street. Local access will be maintained. A marked detour route via Duke Street and Charlotte Street will be provided.</p> <p><b>Anticipated Completion: October 31, 2022</b></p>	<p><b><u>Contrat 2021-14 : Rue Germain (de la rue St. James à Lower Cove Loop) et Lower Cove Loop</u></b></p> <p><b>Le 6 juillet 2022</b> –Pour la rue Germain, les travaux comprennent généralement le renouvellement de la conduite d'eau majeure et des conduites principales d'égouts sanitaires et pluviaux et la reconstruction complète de la rue de la rue St. James à Lower Cove Loop. Pour Lower Cove Loop, les travaux incluent généralement l'installation d'une nouvelle conduite d'égout sanitaire et d'une conduite d'eau majeure de la rue Canterbury à la rue Charlotte. L'accès local sera maintenu, mais on peut s'attendre à des ralentissements. Des détours marqués seront en place. Veuillez respecter les panneaux de signalisation routière ou choisir une autre voie.</p> <p><u>À compter du 6 juillet 2022</u>, Lower Cove Loop sera fermé à la circulation de la rue Prince William à la rue Charlotte. L'accès local sera maintenu. Un itinéraire de détour marqué par la rue Duke et la rue Charlotte sera fourni.</p> <p><b>Date d'achèvement prévue : 31 octobre 2022</b></p>

<p><b><u>Contract 2022-04: Mecklenburg Street (Wentworth Street to Crown Street)</u></b></p> <p><b>June 27, 2022</b> - The work will involve the renewal of the watermains and sanitary and storm sewer mains as well as full street reconstruction on Mecklenburg Street (Wentworth Street to Crown Street).</p> <p>Local access will be maintained but delays should be expected. Please obey traffic signage or choose an alternate route.</p> <p><b>Anticipated completion: October 31, 2022</b></p>	<p><b><u>Contrat 2022-04 : Rue Mecklenburg (de la rue Wentworth à la rue Crown)</u></b></p> <p><b>27 juin 2022</b> – Les travaux comprendront la réhabilitation des conduites principales d’eau et d’égouts sanitaires et d’eaux pluviales ainsi que la reconstruction complète de la rue Mecklenburg (de la rue Wentworth à la rue Crown).</p> <p>L’accès local sera maintenu, mais des retards devraient être prévus. Veuillez respecter les panneaux de signalisation routière ou choisir un autre itinéraire.</p> <p><b>Achèvement prévu : 31 octobre 2022</b></p>
<p style="text-align: center;"></p> <p><b><u>Traffic Advisory – Lancaster Avenue &amp; Riverview Drive Structures – Route 1</u></b></p> <p><b>April 5, 2022</b> - Gateway Operations wishes to advise that both the eastbound and westbound lanes, directly west of the Saint John Harbour Bridge, will be reduced to single lane traffic effective April 05th and continuing throughout the construction season. This is to accommodate rehabilitation of both the Lancaster Avenue and Riverview Drive structures.</p> <p>We ask motorists to please drive slowly through the construction zones..</p> <p><b>For inquiries please contact:</b> 1-888-860-8399 <a href="mailto:operations@gatewayops.com">operations@gatewayops.com</a></p>	<p style="text-align: center;"></p> <p><b><u>Avis de circulation – Structures de l’avenue Lancaster et de la promenade Riverview - Route 1</u></b></p> <p>Le 5 avril 2022 - Gateway Operations souhaite informer que les voies en direction est et ouest, directement à l’ouest du pont du Harbour de Saint John, seront réduites à la circulation à voie unique à compter du 5 avril et se poursuivront tout au long de la saison de construction. Il s’agit de permettre la réhabilitation des structures de l’avenue Lancaster et de la promenade Riverview.</p> <p>Nous demandons aux automobilistes de bien vouloir rouler lentement dans les zones de construction</p> <p><b>Pour toute demande, veuillez contacter :</b> 1-888-860-8399 <a href="mailto:operations@gatewayops.ca">operations@gatewayops.ca</a></p>



### **Traffic Advisory – Harbour Bridge**

**April 5, 2022** - The Department of Transportation and Infrastructure advises the travelling public that the Saint John Harbour Bridge will be reduced to two lanes until Oct. 31, 2022.

Significant delays are expected, and the travelling public is encouraged to reduce speed, drive safely, and to check NB511 for updates.

The department appreciates the public's patience as this work takes place as part of the Phase 2 rehabilitation of the Harbour Bridge.

**Anticipated Completion: October 31, 2022**



### **Avis de circulation – pont Harbour**

**5 avril 2022** - Le ministère des Transports et de l'Infrastructure avise le public voyageur à la circulation sur le pont du port de Saint John sera réduite à deux voies au 31 octobre 2022.

Des délais importants sont à prévoir, et on invite le public à réduire sa vitesse, à conduire avec prudence et à consulter le NB511 pour obtenir des mises à jour.

Le ministère apprécie la patience du public. Ces travaux font partie de la phase 2 de la remise en état du pont Harbour.

**Àchèvement prévu : 31 octobre 2022**



**SAINT JOHN**

## WEEKLY CONSTRUCTION UPDATE

Utilities & Infrastructure Services  
Services d'utilité publique et d'infrastructure  
(506) 658-4455 / [service@saintjohn.ca](mailto:service@saintjohn.ca)  
<http://www.saintjohn.ca>





**Construction Update/Nouvelles hebdomadaires    November 17, 2022/ le 17 novembre 2022**

Drive with Caution or Use Alternate Routes  
Police Will Be Monitoring Traffic  
Expect Traffic Interruptions



Conduisez prudemment ou utilisez un trajet de rechange  
La police surveillera la circulation  
S'attendre à des interruptions de la circulation

**CITY OF SAINT JOHN PROJECTS**

**NEW/NOUVEAU**

<b>CONTINUING/ENCOURS:</b>	
 <p><b><u>Traffic Advisory – Lane Closures – Kilometer Marker 133 - Fox Farm Road Overpasses (eastbound &amp; westbound)</u></b></p> <p>Gateway Operations wishes to advise the public that the lane closures in both the eastbound and westbound directions at the Fox Farm Overpasses will remain in place until November 18, 2022 as needed to accommodate the necessary maintenance.</p> <p><b>For inquiries please contact:</b> 1-888-860-8399 <a href="mailto:operations@gatewayops">operations@gatewayops</a>.</p>	 <p><b><u>Avis de Circulation - Fermetures de voies – Marqueur de kilomètre 133 Passages supérieurs du chemin Fox Farm (vers l'est et l'ouest)</u></b></p> <p>Gateway Operations souhaite informer le public que les fermetures de voies dans les directions est et ouest aux passages supérieurs de Fox Farm resteront en place jusqu'au 18 novembre 2022, au besoin pour permettre l'entretien nécessaire.</p> <p><b>Pour toute demande, veuillez contacter :</b> 1-888-860-8399 <a href="mailto:operations@gatewayops.ca">operations@gatewayops.ca</a></p>
<p><b><u>Contract 2021-14: Germain Street (St. James Street to Lower Cove Loop) &amp; Lower Cove Loop</u></b></p> <p><b>July 6, 2022</b> – For Germain Street the work generally involves the renewal of the watermain and sanitary and storm sewer mains and full street reconstruction from St. James Street to</p>	<p><b><u>Contrat 2021-14 : Rue Germain (de la rue St. James à Lower Cove Lopp) et Lower Cove Loop</u></b></p> <p><b>Le 6 juillet 2022</b> –Pour la rue Germain, les travaux comprennent généralement le renouvellement de la conduite d'eau majeure et des conduites principales d'égouts sanitaires et</p>



<p>Lower Cove Loop. For Lower Cove Loop the work generally involves the installation of a new sanitary sewer and watermain from Canterbury Street to Charlotte Street. Local access will be maintained but delays should be expected. Marked detours will be in place. Please obey traffic signage or choose an alternate route.</p> <p><b>Anticipated Completion: November 30, 2022</b></p>	<p>pluviaux et la reconstruction complète de la rue de la rue St. James à Lower Cove Loop. Pour Lower Cove Loop, les travaux incluent généralement l'installation d'une nouvelle conduite d'égout sanitaire et d'une conduite d'eau majeure de la rue Canterbury à la rue Charlotte. L'accès local sera maintenu, mais on peut s'attendre à des ralentissements. Des détours marqués seront en place. Veuillez respecter les panneaux de signalisation routière ou choisir une autre voie.</p> <p><b>Date d'achèvement prévue : 30 novembre 2022</b></p>
<p><b><u>Contract 2022-04: Mecklenburg Street (Wentworth Street to Crown Street)</u></b></p> <p><b>June 27, 2022</b> - The work will involve the renewal of the watermains and sanitary and storm sewer mains as well as full street reconstruction on Mecklenburg Street (Wentworth Street to Crown Street).</p> <p>Local access will be maintained but delays should be expected. Please obey traffic signage or choose an alternate route.</p> <p><b>Anticipated completion: November 30, 2022</b></p>	<p><b><u>Contrat 2022-04 : Rue Mecklenburg (de la rue Wentworth à la rue Crown)</u></b></p> <p><b>27 juin 2022</b> – Les travaux comprendront la réhabilitation des conduites principales d'eau et d'égouts sanitaires et d'eaux pluviales ainsi que la reconstruction complète de la rue Mecklenburg (de la rue Wentworth à la rue Crown).</p> <p>L'accès local sera maintenu, mais des retards devraient être prévus. Veuillez respecter les panneaux de signalisation routière ou choisir un autre itinéraire.</p> <p><b>Achèvement prévu : 30 novembre 2022</b></p>
<p style="text-align: center;"></p> <p><b><u>Traffic Advisory – Lancaster Avenue &amp; Riverview Drive Structures – Route 1</u></b></p> <p><b>April 5, 2022</b> - Gateway Operations wishes to advise that both the eastbound and westbound lanes, directly west of the Saint John Harbour Bridge, will be reduced to single lane traffic effective April 05th and continuing throughout the construction season. This is to accommodate</p>	<p style="text-align: center;"></p> <p><b><u>Avis de circulation – Structures de l'avenue Lancaster et de la promenade Riverview - Route 1</u></b></p> <p>Le 5 avril 2022 - Gateway Operations souhaite informer que les voies en direction est et ouest, directement à l'ouest du pont du Harbour de Saint John, seront réduites à la circulation à voie unique à compter du 5 avril et se poursuivront tout au long de la saison de construction. Il s'agit de permettre la</p>

<p>rehabilitation of both the Lancaster Avenue and Riverview Drive structures.</p> <p>We ask motorists to please drive slowly through the construction zones..</p> <p><b>For inquiries please contact:</b>  1-888-860-8399  <a href="mailto:operations@gatewayops">operations@gatewayops</a>.</p>	<p>réhabilitation des structures de l'avenue Lancaster et de la promenade Riverview.</p> <p>Nous demandons aux automobilistes de bien vouloir rouler lentement dans les zones de construction</p> <p><b>Pour toute demande, veuillez contacter :</b>  1-888-860-8399  <a href="mailto:operations@gatewayops.ca">operations@gatewayops.ca</a></p>
 <p><b><u>Traffic Advisory – Harbour Bridge</u></b></p> <p><b>April 5, 2022</b> - The Department of Transportation and Infrastructure advises the travelling public that the Saint John Harbour Bridge will be reduced to two lanes until Oct. 31, 2022.</p> <p>Significant delays are expected, and the travelling public is encouraged to reduce speed, drive safely, and to check NB511 for updates.</p> <p>The department appreciates the public's patience as this work takes place as part of the Phase 2 rehabilitation of the Harbour Bridge.</p> <p><b>Anticipated Completion: November 30, 2022</b></p>	 <p><b><u>Avis de circulation – pont Harbour</u></b></p> <p><b>5 avril 2022</b> - Le ministère des Transports et de l'Infrastructure avise le public voyageur à la circulation sur le pont du port de Saint John sera réduite à deux voies au 31 octobre 2022. Des délais importants sont à prévoir, et on invite le public à réduire sa vitesse, à conduire avec prudence et à consulter le NB511 pour obtenir des mises à jour.</p> <p>Le ministère apprécie la patience du public. Ces travaux font partie de la phase 2 de la remise en état du pont Harbour.</p> <p><b>Àchèvement prévu : 30 novembre 2022</b></p>

# Appendix N

## Public Communication

## **BOIL WATER ORDER**

*Français à suivre*

January 12<sup>th</sup>, 2022

### **40 – 59 Sherwood Drive**

#### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

12 janvier 2022

### 40 - 59 promenade Sherwood

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

18 Jan 2022

### **40 – 59 Sherwood Drive**

#### **What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 18 Jan 2022

**40 – 59 prom. Sherwood**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

February 4th, 2022

**5 – 46 Milford Road**  
**5 – 22 Francis Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

Le 4 février 2022

**5 – 46 Milford Road**  
**5 – 22 Francis Street**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

February 10, 2022

**5 – 46 Milford Road  
5 – 22 Francis Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 10 février 2022

**5 – 46 Chemin Milford  
5 – 22 rue Francis**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

1 Mar 2022

**880 – 953 McCavour Drive**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

1 mars 2022

**880 – 953 prom. McCavour**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**March 8, 2022**

**880 – 953 McCavour Drive**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 8 mars 2022

**880 – 953 promenade McCavour**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle au 658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

April 4, 2022

**48, 51, 53, 66, 68, 70, 86, 88, 90, 91, 98, 110, 118, 124, 128 Millidge Avenue  
40 Stephenson Tower Drive  
50 Charlton Place**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

Le 4 avril 2022

**48, 51, 53, 66, 68, 70, 86, 88, 90, 91, 98, 110, 118, 124, 128 avenue Millidge  
40 promenade Stephenson Tower  
50 Place Charlton**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### **POURQUOI?**

À la suite d'une amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### **Que faire?**

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### **Comment remédier au problème?**

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**8 April 2022**

**48, 51, 53, 66, 68, 70, 86, 88, 90, 91, 98, 110, 118, 124, 128 Millidge Avenue  
40 Stephenson Tower Drive  
50 Charlton Place**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 8 avril 2022

**48, 51, 53, 66, 68, 70, 86, 88, 90, 91, 98, 110, 118, 124, 128 avenue Millidge  
40 promenade Stephenson Tower  
50 Place Charlton**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

6 Apr 2022

**146, 148, 150, 152, 154, 154 ½, 156, 158, 162, 170, 201, 203, 205, 207, 209, 211, 213, 215, 239**

**Charlotte St**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

6 avril 2022

**146, 148, 150, 152, 154, 154 ½, 156, 158, 162, 170, 201, 203, 205, 207, 209,  
211, 213, 215, 239**

**rue Charlotte**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### **POURQUOI?**

À la suite d'amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### **Que faire?**

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### **Comment remédier au problème?**

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

11 April 2022

**146, 148, 150, 152, 154, 154 ½, 156, 158, 162, 170, 201, 203, 205, 207,  
209, 211, 213, 215, 239**

### **Charlotte Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 11 avril 2022

**146, 148, 150, 152, 154, 154 ½, 156, 158, 162, 170, 201, 203, 205, 207,  
209, 211, 213, 215, 239**

**rue Charlotte**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

12 April 2022

**476 – 490 Lancaster Ave**

**485 Duke Street West**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

12 avril 2022

**476 – 490 av. Lancaster**

**485 rue. Duke ouest**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### **POURQUOI?**

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### **Que faire?**

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### **Comment remédier au problème?**

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

April 15, 2022

**476 – 488 Lancaster Avenue**

**485 Duke Street West**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 15 avril 2022

**476 – 488 avenue Lancaster**

**485 rue Duke ouest**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

24 April 2022

**400 Main Street North  
( Holiday Inn Express & Suites )  
( Multi-Unit )**

**30 Chesley Drive**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

24 avril 2022

**400 rue Main Nord**

**30 Chesley Drive**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**April 27, 2022**

**400 Main Street North  
( Holiday Inn Express & Suites )  
( Multi-Unit )**

**30 Chesley Drive**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 27 avril 2022

**400 rue Main Nord**

**30 prom. Chesley**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

29 April 2022

**Wentworth Street (#21, 29, 38, 40, 56, 60, 70, 81)**  
**King Street East (#111,123,131,139,145,149,151,155,159,163,167,169, 175,177,191, 192)**  
**Leinster Street (#91, 92, 95)**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

29 avril 2022

**rue Wentworth (#21, 29, 38, 40, 56, 60, 70, 81)**  
**rue King est (#111,123,131,139,145,149,151,155,159,163,167,169,175, 177,191, 192)**  
**rue Leinster (#91, 92, 95)**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**4 May 2022**

**Wentworth Street (#21, 29, 38, 40, 56, 60, 70, 81)**

**King Street East (#111,123,127,129,131,139,145,149,151,155,159,163,167,169, 175,177,191, 192)**

**Leinster Street (#91, 92, 95)**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 4 mai 2022

**rue Wentworth (#21, 29, 38, 40, 56, 60, 70, 81)**

**rue King est (#111,123,127,129,131,139,145,149,151,155,159,163,167,169,175, 177,191, 192)**

**rue Leinster (#91, 92, 95)**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

2 May 2022

**King Street East**  
**196, 198, 204, 206, 208, 210, 214, 216, 218, 220, 232, 234**  
**Wentworth Street**  
**82, 90, 91, 96, 98, 99**  
**Leinster Street**  
**90,92,95**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

2 mai 2022

rue King est  
**196, 198, 204, 206, 208, 210, 214, 216, 218, 220, 232, 234**  
rue Wentworth  
**82, 90, 91, 96, 98, 99**  
rue Leinster  
**90,92,95**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

6 May 2022

**King Street East**  
**196, 198, 204, 206, 208, 210, 214, 216, 218, 220, 232, 234**  
**Wentworth Street**  
**82, 90, 91, 96, 98, 99**  
**Leinster Street**  
**90,92,95**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 6 mai 2022

**rue King Street est**  
**196, 198, 204, 206, 208, 210, 214, 216, 218, 220, 232, 234**  
**rue Wentworth**  
**82, 90, 91, 96, 98, 99**  
**rue Leinster**  
**90,92,95**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

2 May 2022

**Princess Street**  
**252-282, 293**

**Pitt Street**  
**101-103**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

2 mai 2022

**rue Princess**  
**252-282, 293**

**rue Pitt**  
**101-103**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

6 May 2022

**Princess Street**  
**252-282, 293**

**Pitt Street**  
**101-103**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 6 mai 2022

**rue Princess**  
**252-282, 293**

**rue Pitt**  
**101-103**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulé pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## BOIL WATER ORDER

*Français à suivre*

4 May 2022

### King Street East

154, 156, 158, 160, 162, 166, 168, 170, 170½, 172, 174 176, 178, 180, 182, 182½,  
186, 190, 190B

### Carmarthen Street

58

### WARNING: BOIL WATER BEFORE USING

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### What happened?

As a result of planned infrastructure improvements, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### What should you do?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### What is being done?

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

4 mai 2022

### rue King est

154, 156, 158, 160, 162, 166, 168, 170, 170½, 172, 174 176, 178, 180, 182, 182½,  
186, 190, 190B

### rue Carmarthen

58

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### POURQUOI?

À la suite d'amélioration du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

11 May 2022

**King Street East**

154, 156, 158, 160, 162, 166, 168, 170, 170½, 172, 174 176, 178, 180, 182, 182½,  
186, 190, 190B

**rue Carmarthen**

58

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 11 mai 2022

**rue King est**

154, 156, 158, 160, 162, 166, 168, 170, 170½, 172, 174 176, 178, 180, 182, 182½,  
186, 190, 190B

**rue Carmarthen**

58

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

May 7, 2022

**1414-1720 Hickey Road  
(Park Place Apartments)  
301 Heather Way  
(Building #1, Building #2, Building #3)  
Jillian Court  
Shillington Road  
High Drive  
Cresthill Street  
Eastwood Drive  
East Street  
Sunnybrook Terrace  
Caroline Court  
Laurie Court  
Eagle Boulevard  
Dawn Place  
Eveleigh Court  
Morning Side Court  
Falcon Crescent  
Boyaner Crescent  
Wyatt Crescent  
Bermuda Court  
Oakhill Crescent  
Hollybrook Court  
Kappa Avenue  
Sigma Street  
Lamda Avenue  
Omega Drive**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.



### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## **Ordre de bouillir l'eau**

7 Mai 2022

**1414-1720, chemin Hickey  
(Appartements Park Place)  
301 Chemin Heather  
(Bâtiment #1, Bâtiment #2, Bâtiment #3)  
Cour Jillian  
Chemin Shillington  
Prom. High  
Rue Cresthill  
Promenade Eastwood  
Rue East  
Terrasse Sunnybrook  
Cour Caroline  
Cour Laurie  
Boulevard Eagle  
Place Dawn  
Cour Eveleigh  
Cour Morning Side  
Croissant Falcon  
Croissant Boyaner  
Croissant Wyatt  
Cour Bermuda  
Croissant Oakhill  
Cour Hollybrook  
Avenue Kappa  
Rue Sigma  
Avenue Lamda  
Prom. Oméga**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### **POURQUOI?**

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

11 May 2022

**1414-1720 Hickey Road  
(Park Place Apartments)  
(Simonds High School )  
301 Heather Way  
(Building #1, Building #2, Building #3)  
Jillian Court  
Shillington Road  
High Drive  
Cresthill Street  
Eastwood Drive  
East Street  
Sunnybrook Terrace  
Caroline Court  
Laurie Court  
Eagle Boulevard  
Dawn Place  
Eveleigh Court  
Morning Side Court  
Falcon Crescent  
Boyaner Crescent  
Wyatt Crescent  
Bermuda Court  
Oakhill Crescent  
Hollybrook Court  
Kappa Avenue  
Sigma Street  
Lamda Avenue  
Omega Drive**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.



**SAINT JOHN WATER**



- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 11 mai 2022

**1414-1720, chemin Hickey  
(Aréna Stewart Hurley)  
(Lycée Simonds)  
(Appartements Park Place)  
301 Chemin Heather  
(Bâtiment #1, Bâtiment #2, Bâtiment #3)  
Cour Jillian  
Chemin Shillington  
Prom. High  
Rue Cresthill  
Promenade Eastwood  
Rue East  
Terrasse Sunnybrook  
Cour Caroline  
Cour Laurie  
Boulevard Eagle  
Place Dawn  
Cour Eveleigh  
Cour Morning Side  
Croissant Falcon  
Croissant Boyaner  
Croissant Wyatt  
Cour Bermuda  
Croissant Oakhill  
Cour Hollybrook  
Avenue Kappa  
Rue Sigma  
Avenue Lamda  
Prom. Oméga**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

12 May 2022

**1-12 Foulis Ct.**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

12 mai 2022

### 1-12 cour Foulis

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

17 May 2022

## **1-12 Foulis Ct**

### **What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 17 mai 2022

**1-12 cour Foulis**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

May 31<sup>st</sup>, 2022

**42, 55, 66, 70, 72, 91, 90, 92, 95, 96, 100, 101, 103, 104, 105, 107, 112, 114, 115, 117, 119, 127, 129, 131, 133, 135, 137 Leinster Street.**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 31 mai 2022

**42, 55, 66, 70, 72, 91, 90, 92, 95, 96, 100, 101, 103, 104, 105, 107, 112, 114, 115, 117, 119, 127, 129, 131, 133, 135, 137 Leinster Street.**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**June 3rd, 2022**

**42, 55, 66, 70, 72, 91, 90, 92, 95, 96, 100, 101, 103, 104, 105, 107, 112, 114, 115, 117, 119, 127, 129, 131, 133, 135, 137 Leinster Street.**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

**Le 3 juin 2022**

**42, 55, 66, 70, 72, 91, 90, 92, 95, 96, 100, 101, 103, 104, 105, 107, 112, 114,  
115, 117, 119, 127, 129, 131, 133, 135, 137 rue Leinster.**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

May 31<sup>st</sup>, 2022

**2, 33, 55, 65 Smythe Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

Le 31 mai 2022

**2, 33, 55, 65 Smythe Street**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### **POURQUOI?**

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### **Que faire?**

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### **Comment remédier au problème?**

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

June 3rd, 2022

**2, 33, 55, 65 Smythe Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 3 juin 2022

**2, 33, 55, 65 Smythe Street**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

June 1st, 2022

**82, 90, 95, 96, 98, 99, Wentworth Street  
98, 100 Carmarthen Street  
206, 207, 210, 212, 215, 217, 218, 219, 223, 225, 226, 230, 231, 234, 236, 238,  
239, 240, 246 Princess Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 1<sup>er</sup> juin 2022

**82, 90, 95, 96, 98, 99, rue Wentworth  
98, 100 rue Carmarthen  
206, 207, 210, 212, 215, 217, 218, 219, 223, 225, 226, 230, 231, 234, 236, 238, 239,  
240, 246 rue Princess**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

June 6<sup>th</sup> , 2022

**82, 90, 95, 96, 98, 99, Wentworth Street  
98, 100 Carmarthen Street  
206, 207, 210, 212, 215, 217, 218, 219, 223, 225, 226, 230, 231, 234, 236, 238, 239,  
240, 246 Princess Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 6 juin 2022

**82, 90, 95, 96, 98, 99, Wentworth Street  
98, 100 Carmarthen Street  
206, 207, 210, 212, 215, 217, 218, 219, 223, 225, 226, 230, 231, 234, 236, 238, 239,  
240, 246 Princess Street**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

June 4<sup>th</sup>, 2022

**135, 139, 153, 153 ½, 163, 171, 181, 185, 193 Riverview Drive**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

4 juin 2022

**135, 139, 153, 153 ½, 163, 171, 181, 185, 193 promenade Riverview**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

June 8<sup>th</sup> , 2022

135, 139, 153, 153 ½, 163, 171, 181, 185, 193 Riverview Drive

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 8 juin 2022

**135, 139, 153, 153 ½, 163, 171, 181, 185, 193 rue Riverview**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

June 4<sup>th</sup>, 2022

**87, 88, 97, 103, 105, 111, 113, 114, 115, 118, 120, 121, 132, 133, 134, 137**  
**Winslow Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

4 juin 2022

**87, 88, 97, 103, 105, 111, 113, 114, 115, 118, 120, 121, 132, 133, 134, 137  
rue Winslow**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

June 8<sup>th</sup> , 2022

**87, 88, 97, 103, 105, 111, 113, 114, 115, 118, 120, 121, 132, 133, 134, 137  
Winslow Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 8 juin 2022

**87, 88, 97, 103, 105, 111, 113, 114, 115, 118, 120, 121, 132, 133, 134, 137 rue  
Winslow**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

June 14, 2022

**49 – 122 Orange Street  
122 Carmarthen Street  
118 & 131 Wentworth Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

Le 14 juin 2022

**49 – 122 rue Orange  
122 rue Carmarthen  
118 & 131 rue Wentworth**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

June 17<sup>th</sup> , 2022

**49 – 122 Orange Street  
122 Carmarthen Street  
131 Wentworth Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 17 juin 2022

**49 – 122 rue Orange  
122 rue Carmarthen  
131 rue Wentworth**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

June 15, 2022

### **Arlington Crescent**

#### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 15 juin 2022

### Crois. Arlington

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

#### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**20 June 2022**

### **Arlington Crescent**

#### **What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 20 juin 2022

**cr Arlington**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

4 July 2022

**Mecklenburg Street: 110, 112, 114, 116, 118, 120, 122, 124, 126 and 83, 85, 95, 97, 101A, 101B, 103A, 103B, 105, 107, 111, 113, 115, 119**

**Wentworth Street: 152, 154**

**Pitt Street: 169, 171**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

4 juillet 2022

**rue Mecklenburg: 110, 112, 114, 116, 118, 120, 122, 124, 126 and 83, 85, 95, 97, 101A, 101B, 103A, 103B, 105, 107, 111, 113, 115, 119**

**rue Wentworth: 152, 154**

**rue Pitt Street: 169, 171**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

7 July 2022

**Mecklenburg Street: 110, 112, 114, 116, 118, 120, 122, 124, 126 and 83, 85, 95, 97, 101A, 101B, 103A, 103B, 105, 107, 111, 113, 115, 119**

**Wentworth Street: 152, 154**

**Pitt Street: 169, 171**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 7 juillet 2022

**rue Mecklenburg: 110, 112, 114, 116, 118, 120, 122, 124, 126 and 83, 85, 95, 97, 101A, 101B, 103A, 103B, 105, 107, 111, 113, 115, 119**

**rue Wentworth: 152, 154**

**rue Pitt Street: 169, 171**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

7 July 2022

**CROWN STREET 349, 351, 375, 437, 439, 441**

**DUKE STREET 305, 334**

**QUEEN STREET 245**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

7 juillet 2022

**RUE CROWN 349, 351, 375, 437, 439, 441**

**RUE DUKE 305, 334**

**RUE QUEEN 245**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**13 July 2022**

**CROWN STREET 349, 351, 375, 437, 439, 441**

**DUKE STREET 305, 334**

**QUEEN STREET 245**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 13 juillet 2022

**RUE CROWN 349, 351, 375, 437, 439, 441**

**RUE DUKE 305, 334**

**RUE QUEEN 245**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

20 July 2022

**407 – 418 Chesley Drive  
11-15 Merritt St.  
30 Summertime Drive**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

20 juillet 2022

**407 – 418 prom. Chesley  
11-15 rue. Merritt  
30 prom. Summertime**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

26 July 2022

**407 – 418 Chesley Drive  
11-15 Merritt St.  
30 Summertime Drive**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 26 juillet 2022

**407 – 418 prom. Chesley  
11-15 rue Merritt St.  
30 prom. Summertime**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

28 July 2022

**87 – 135 Riverview Drive**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

28 juil. 22

### 87 – 135 prom. Riverview

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

4 Aug 2022

**87 – 135 Riverview Drive**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 4 août 2022

**87 – 135 prom Riverview**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

29 July 2022

**207-241 Winslow St**

**188 Watson St**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

29 juil. 22

**207-241 rue Winslow**

**188 rue Watson**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

4 Aug 2022

**190, 205-241 Winslow St**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 4 août 2022

**190, 205-241 rue Winslow**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

15 Aug 2022

**31– 56 Canterbury St.**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

15 août 2022

**31– 56 rue Canterbury**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

18 Aug 2022

**31– 56 Canterbury St.**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 18 août 2022

**31– 56 rue Canterbury**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## BOIL WATER ORDER

*Français à suivre*

15 Aug 2022

**126 Mecklenburg Street**

**175, 177, 179, 181 Pitt Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.



## Ordre de bouillir l'eau

15 août 2022

**126 rue Mecklenburg**

**175, 177, 179, 181 rue Pitt**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

18 Aug 2022

**126 Mecklenburg Street**

**175, 177, 179, 181 Pitt Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 18 août 2022

**126 rue Mecklenburg**

**175, 177, 179, 181 rue Pitt**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

16 Aug 2022

**288, 290, 292 Duke Street**

**159,162, 166, 169 Pitt Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

16 août 2022

**288, 290, 292 rue Duke**

**159,162, 166, 169 rue Pitt**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

22 Aug 2022

**288, 290, 292 Duke Street**

**159, 162, 166, 169 Pitt Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 22 août 2022

**288, 290, 292 rue Duke**

**159, 162, 166, 169 rue Pitt**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.





## **BOIL WATER ORDER**

*Français à suivre*

16 Aug 2022

**2, 4, 6, 13, 14 Wellesley Ave**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

16 août 2022

**2, 4, 6, 13, 14 av. Wellesley**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

22 Aug 2022

**2, 4, 6, 13, 14 Wellesley Ave**

**102, 104 Lansdowne Ave**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 22 août 2022

**2, 4, 6, 13, 14 av. Wellesley**

**102, 104 av. Lansdowne**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

8 Sept 2022

**12 – 71 Parks Street Extension**

**116, 144 Parks St**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

8 sept 2022

**12 – 71 rue ext. Parks**

**116, 144 rue Parks**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

14 Sept 2022

**12 – 71 Parks Street Extension**

**116, 144 Parks St**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 14 sept 2022

**12 – 71 rue ext. Parks**

**116, 144 rue Parks**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.



## **BOIL WATER ORDER**

*Français à suivre*

14 Sept 2022

**459, 520 – 720 Grandview Ave**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

14 sept 2022

**459, 520 – 720 av. Grandview**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

20 Sept 2022

**459, 520 – 720 Grandview Ave**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 20 sept 2022

**459, 520 – 720 av. Grandview**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle au 658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

September 26, 2022

**422, 491, 501, 511, 516 Bay Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 26 septembre 2022

**422, 491, 501, 511, 516 rue Bay**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

29 Sept 2022

**422, 491, 501, 511, 516 Bay Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 29 sept 2022

**422, 491, 501, 511, 516 Bay Street**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle au 658-4455**.



## **BOIL WATER ORDER**

*Français à suivre*

26 Sept 2022

**639, 641 - 791 Manawagonish Rd**

**14 Catherwood St**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

26 sept 2022

**639, 641 - 791 route Manawagonish**

**14 rue Catherwood**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

29 Sept 2022

**639, 641 - 791 Manawagonish Rd**

**14 Catherwood St**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 29 sept 2022

**639, 641 - 791 route Manawagonish**

**14 rue Catherwood**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

2 Oct 2022

**114 – 155 Glen Rd**

**2-43 MacKay St**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

2 oct. 22

**114 – 155 route Glen**

**2-43 rue MacKay**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

5 Oct 2022

**114, 118, 147, 155 Glen Rd**

**2-43 MacKay St**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 5 oct 2022

**114, 118, 147, 155 route Glen**

**2-43 rue MacKay**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.



## **BOIL WATER ORDER**

*Français à suivre*

3 Oct 2022

**137 – 215 Kennebecasis Drive**

**4-5 Grove Ave**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

3 oct. 22

**137 – 215 prom. Kennebecasis**

**4-5 av. Grove**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

6 Oct 2022

**137 – 215 Kennebecasis Dr**

**4-5 Grove Ave**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 6 oct 2022

**137 – 215 prom. Kennebecasis**

**4-5 av. Grove**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

October 6<sup>th</sup>, 2022

305 & 313 Germain Street  
41, 43, 55, 57, 78, 80, 82 Ross Street  
70 St-James Street  
210 Canterbury Street  
7, 9 & 15 Lower Cove Loop

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 6 octobre 2022

305 & 313 rue Germain  
41, 43, 55, 57, 78, 80 & 82 rue Ross  
70 rue St-James  
210 rue Canterbury  
7, 9 & 15 Lower Cove Loop

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accru devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**October 13 , 2022**

305 & 313 Germain Street  
41, 43, 55, 57, 78, 80, 82 Ross Street  
70 St-James Street  
210 Canterbury Street  
7, 9 & 15 Lower Cove Loop

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 13 octobre 2022

305 & 313 rue Germain  
41, 43, 55, 57, 78, 80 & 82 rue Ross  
70 rue St-James  
210 rue Canterbury  
7, 9 & 15 Lower Cove Loop

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**



## **BOIL WATER ORDER**

*Français à suivre*

October 18, 2022

**87 and 95 Lansdowne Avenue**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of private infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 18 octobre 2022

### 87 and 95 Lansdowne Avenue

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

21 Oct 2022

**87 and 95 Lansdowne Ave**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 21 oct 2022

**87 and 95 av. Lansdowne**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle au 658-4455**.

## **BOIL WATER ORDER**

*Français à suivre*

October 22, 2022

**52-92 Durham Street  
(C.E. Nick Nicolle Community Centre)  
157 Metcalf Street  
(Smart Choice Variety)  
140, 142, 179a, 179b & 185 Victoria Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

22 Octobre, 2022

**52-92 Rue Durham  
(Centre Communautaire C.E. Nick Nicolle)  
157 Rue Metcalf  
(Smart Choice Variety)  
140, 142, 179a, 179b & 185 Rue Victoria**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

26 Oct 2022

**52-92 Durham Street  
(C.E. Nick Nicolle Community Centre)**

**157 Metcalf Street  
(Smart Choice Variety)**

**140, 142, 179a, 179b & 185 Victoria Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 26 oct 2022

**52-92 rue Durham  
(C.E. Nick Nicolle Community Centre)**

**157 rue Metcalf  
(Smart Choice Variety)**

**140, 142, 179a, 179b & 185 rue Victoria**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec le **Service à la clientèle** au **658-4455**.



## BOIL WATER ORDER

*Français à suivre*

October 31, 2022

### 10 Market Square (Barbour's General Store) 2 - 44 Water Street

#### WARNING: BOIL WATER BEFORE USING

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### What happened?

As a result of development upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### What should you do?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### What is being done?

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 31 octobre 2022

### **10 Market Square (Barbour's General Store) 2 - 44 rue Water**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**November 4<sup>th</sup>, 2022**

**10 Market Square (Barbour's General Store)  
2 – 44 Water Street**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 4 novembre 2022

10 Market Square (Barbour's General Store)  
2 – 44 rue Water

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

## **BOIL WATER ORDER**

*Français à suivre*

November 3rd, 2022

**108 – 148 Todd Street**  
**80 – 124 Rayland Street**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of development upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

Le 3 novembre 2022

**108 – 148 rue Todd  
80 – 124 rue Rayland**

**ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER**

### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toutes les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**November 9<sup>th</sup>, 2022**

108 – 148 Todd Street  
80 – 124 Rayland Street

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 9 novembre 2022

108 – 148 rue Todd  
80 – 124 rue Rayland

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle au 658-4455**



## BOIL WATER ORDER

*Français à suivre*

26 Nov 2022

### **319 Union Street ( Prince Charles School )**

#### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

26 Nov 2022

### **319 rue Union (Prince Charles School)**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### **POURQUOI?**

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### **Que faire?**

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les bénéficiaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

#### **Comment remédier au problème?**

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

28 Nov 2022

## **319 Union Street ( Prince Charles School )**

### **What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 28 nov 2022

### **319 rue Union ( Prince Charles School )**

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

#### **Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**.

## BOIL WATER ORDER

*Français à suivre*

28 Nov 2022

### 289 Union Street ( Prince Edward Square Mall )

Public Washrooms	:	Prince Edward Square
ER 128	:	Prince Edward Square
ER 122	:	Mr. Music
ER 106	:	H&R Block
ER 124	:	Prince Edward Square
ER 126	:	Lat Vi's Tailor shop
ER 132	:	Prince Edward Square
ER 130	:	Giant Tiger

#### WARNING: BOIL WATER BEFORE USING

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### What happened?

As a result of planned infrastructure upgrades, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### What should you do?

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

**What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

28 Nov 2022

### 289 rue Union (Prince Edward Square Mall)

Public Washrooms	:	Prince Edward Square
ER 128	:	Prince Edward Square
ER 122	:	Mr. Music
ER 106	:	H&R Block
ER 124	:	Prince Edward Square
ER 126	:	Lat Vi's Tailor shop
ER 132	:	Prince Edward Square
ER 130	:	Giant Tiger

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

#### POURQUOI?

À la suite d'une amélioration planifiée du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

#### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

**Comment remédier au problème?**

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.



## **BOIL WATER ORDER**

*Français à suivre*

7 Dec 2022

**42, 59, 61 Morley Cres**

### **WARNING: BOIL WATER BEFORE USING**

A boil water order has been issued for the above addresses on the Saint John Water municipal water system.

#### **What happened?**

As a result of infrastructure failure, the Department of Health has advised Saint John Water to impose a boil water order to those residents and businesses between and including all the addresses listed above.

Please share this information with all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand.

#### **What should you do?**

- **DO NOT DRINK THE WATER WITHOUT BOILING IT FIRST.** Bring water to a rolling boil, let it boil for at least one minute, and let it cool before using. Otherwise, use bottled water. Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked. Boiling kills bacteria and other organisms in the water.
- Those whose immune system is compromised, such as the elderly, infants and people with transplanted organs, on dialysis, with HIV/AIDS, etc. should pay attention to the use of a safe source of drinking water. Water that has been properly boiled is considered a safe source.
- It is safe for people to take showers, bathe and use swimming pools.
- It is safe to wash dishes in hot, soapy water and then air dry. It is safe to use a dishwasher.
- The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans. These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
- Organisms in drinking water are not the only cause of the symptoms above. If you experience any of these symptoms and they persist, you may want to seek medical advice. People at increased risk should seek advice about drinking water from their health care providers.

#### **What is being done?**

We are evaluating all available information and working closely with the Department of Health. We will inform you when you no longer need to boil your water.

For more information, please contact Saint John Water at 506-658-4455.

## Ordre de bouillir l'eau

7 dec 2022

**42, 59, 61 cr. Morley**

ATTENTION: BOUILLIR L'EAU AVANT DE LA CONSOMMER

### POURQUOI?

À la suite d'une brisure du système d'aqueduc, le ministère de la Santé a conseillé Saint John Water d'imposer un ordre de faire bouillir l'eau pour les résidents et les entreprises entre et y compris toute les adresses énumérées ci-dessus.

Nous vous demandons de transmettre cet avis à toutes les personnes susceptibles de boire l'eau de la ville, en particulier les personnes qui pourraient ne pas avoir pris connaissance de cet avis (les résidents des immeubles à logement, les maisons de santé, les écoles et les entreprises). On peut le faire en affichant cet avis dans un endroit visible ou en le distribuant de main en main.

### Que faire?

- **Ne pas boire l'eau sans la bouillir au préalable.** Porter l'eau à ébullition forte et la laisser bouillir au moins 1 minute, laisser refroidir ou simplement utiliser de l'eau en bouteille. L'eau ainsi bouillie ou l'eau en bouteille doit servir pour la consommation, le brossage des dents, la fabrication de glaçons, de breuvages, thé, café ou pour laver les légumes que l'on consomme crus. Le fait de bouillir l'eau tue les bactéries et les autres organismes vivants dans l'eau.
- Les gens qui ont un système immunitaire faible (les gens âgés, les bébés, les récipiendaires d'organe, les patients en dialyse ou affectés par le virus du SIDA, etc.) devraient porter une attention particulière à la salubrité de leur eau potable. Une eau bouillie selon les normes constitue une eau salubre.
- Il n'y a aucun danger pour les douches, les bains et les piscines.
- On peut laver la vaisselle dans l'eau chaude et savonneuse et la laisser sécher à l'air ou utiliser un lave-vaisselle.
- La présence de peu de chlore dans l'eau signifie que la désinfection pourrait ne pas être efficace et qu'en conséquence il pourrait se trouver encore des bactéries pathogènes dans l'eau et causer des maladies humaines. Ces microorganismes peuvent causer la diarrhée, des crampes, des nausées, des maux de tête et autres symptômes. Ils posent des risques de santé importants surtout pour les bébés, les jeunes enfants, les personnes âgées et les gens qui ont un système immunitaire faible.
- Il faut noter que les symptômes notés plus haut peuvent survenir en d'autres circonstances aussi. Si les symptômes persistent, il faudrait sans doute consulter un médecin. Les gens à risque accrus devraient consulter leur spécialiste de la santé au sujet de leur eau potable.

### Comment remédier au problème?

Les employés de Saint John Water travaillent en étroite collaboration avec le ministère de la Santé. Nous émettrons un nouvel avis dès que l'on pourra consommer l'eau sans la bouillir.

Pour plus d'informations, s'il vous plaît contactez Saint John Water au 506-658-4455.

***Effective immediately, the Boil Water Order has been rescinded***

**December 12, 2022**

**42, 59 and 61 Morley Crescent**

**What should you do?**

- **If you have been using your water over the past few days**, you need to do nothing else, since in using the water you have effectively flushed out old water and brought fresher water into your plumbing.
- **If you have been away and not using your water during this period**, it is recommended that you take a few minutes to flush out the water in your plumbing. This can be done by simply turning on each of the water taps for a few minutes. This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing.

Saint John Water wishes to thank you for your cooperation and support.

If there are any questions, please contact **Customer Service** at **658-4455**.

***Applicable immédiatement, l'ordre de bouillir l'eau a été annulé***

Le 12 décembre 2022

42, 59 and 61 croissant Morley

En vigueur immédiatement, l'ordre de bouillir l'eau a été annulée pour tous les consommateurs.

**Que devez-vous faire?**

- **Si vous vous êtes servi de votre eau au cours des derniers jours**, vous ne devez rien faire d'autre puisqu'en utilisant votre système d'approvisionnement, vous avez évacué efficacement la vieille eau en purgeant votre tuyauterie, ce qui a fait place à de l'eau fraîche.
- **Si vous étiez absent et n'avez pas utilisé votre système d'approvisionnement en eau durant cette période**, nous vous recommandons de prendre quelques minutes pour évacuer la vieille eau de votre tuyauterie. Il ne suffit que d'ouvrir chaque robinet pendant quelques minutes. L'eau accumulée dans les tuyaux pendant votre absence s'éliminera pour faire place à de l'eau propre.

Saint John Water désire vous remercier de votre coopération et de votre soutien.

S'il y a des questions, veuillez communiquer avec **le Service à la clientèle** au **658-4455**

# Appendix O

## Examples of 2022 Media Coverage

New Brunswick

## About 600 east Saint John homes under boil order after 53-year-old water main breaks

Water was shut off for roughly 14 hours Saturday, notice was hand-delivered to affected residents

CBC News · Posted: May 09, 2022 12:44 PM ADT | Last Updated: May 9, 2022



Affected residents had no water for about 14 hours on Saturday and will be under a boil order until at least Wednesday evening, city officials said. (David Donnelly/CBC)

---



About 600 east Saint John homes and businesses are under a boil water after a 53-year-old water main broke.

The break in the 250-millimetre (roughly 10-inch) cast iron water main on Hickey Road, near On the Vine Meat & Produce, was discovered "late Friday evening into early Saturday morning," said city spokesperson Nathalie Logan.

It left area residents without any water for about 14 hours, according to Logan.

The city turned off the water at around 6 a.m. Saturday until about 8 p.m., she said, after it hand-delivered a notice to the affected residents, advising them of the "infrastructure failure" and boil order.

People at the following addresses should boil their water for at least one minute to kill bacteria, and let the water cool before using:

- 1414-1720 Hickey Rd. (Park Place Apartments)
- 301 Heather Way (Building #1, Building #2, Building #3)
- Jillian Court
- Shillington Road
- High Drive
- Cresthill Street
- Eastwood Drive
- East Street
- Sunnybrook Terrace
- Caroline Court
- Laurie Court
- Eagle Boulevard
- Dawn Place
- Eveleigh Court
- Morning Side Court
- Falcon Crescent
- Boyaner Crescent
- Wyatt Crescent
- Bermuda Court

- Oakhill Crescent
- Hollybrook Court
- Kappa Avenue
- Sigma Street
- Lamda Avenue
- Omega Drive

Boiled or bottled water should be used for drinking, brushing teeth, making ice, juice, coffee or tea, or washing vegetables that will not be cooked, the notice advises.

"The presence of low chlorine means that disinfection may not be effective and thus there may be bacteria in the water that can cause illness in humans," it states.

These organisms can cause diarrhea, cramps, nausea, headaches, or other symptoms, and may pose a special health risk for infants, young children, some elderly people, and people with severely compromised immune systems.

## **Residents asked to notify others**

No public advisory about the water main break or boil order has been issued.

The hand-delivered notice asks residents to share the boil order information with "all the other people who drink this water, especially those in the affected area who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses).

"You can do this by posting this notice in a public place or distributing copies by hand."

The water main that failed is a main potable water feed into the east Saint John subdivision, said Saint John Water director Kendall Mason.

"The typical process for notifying residents of a boil water order is to hand deliver notices to impacted residents unless it spans across multiple areas across the city," he said in an emailed statement.

The water main was repaired, and boil order notices were hand-delivered prior to water being restored "to ensure residents understood to boil the water prior to usage."





The 250-mm (roughly 10-inch) cast iron water main that failed on Hickey Road is a main potable water feed into the subdivision in east Saint John, said Saint John Water director Kendall Mason. (City of Saint John)

Mason and Logan did not indicate what time the notices were delivered, but it was after 8 p.m., according to a social media post by Ward 4 Coun. Paula Radwan.

"There will be water running this evening but you will be under a boil water order," she posted shortly after 8 p.m.

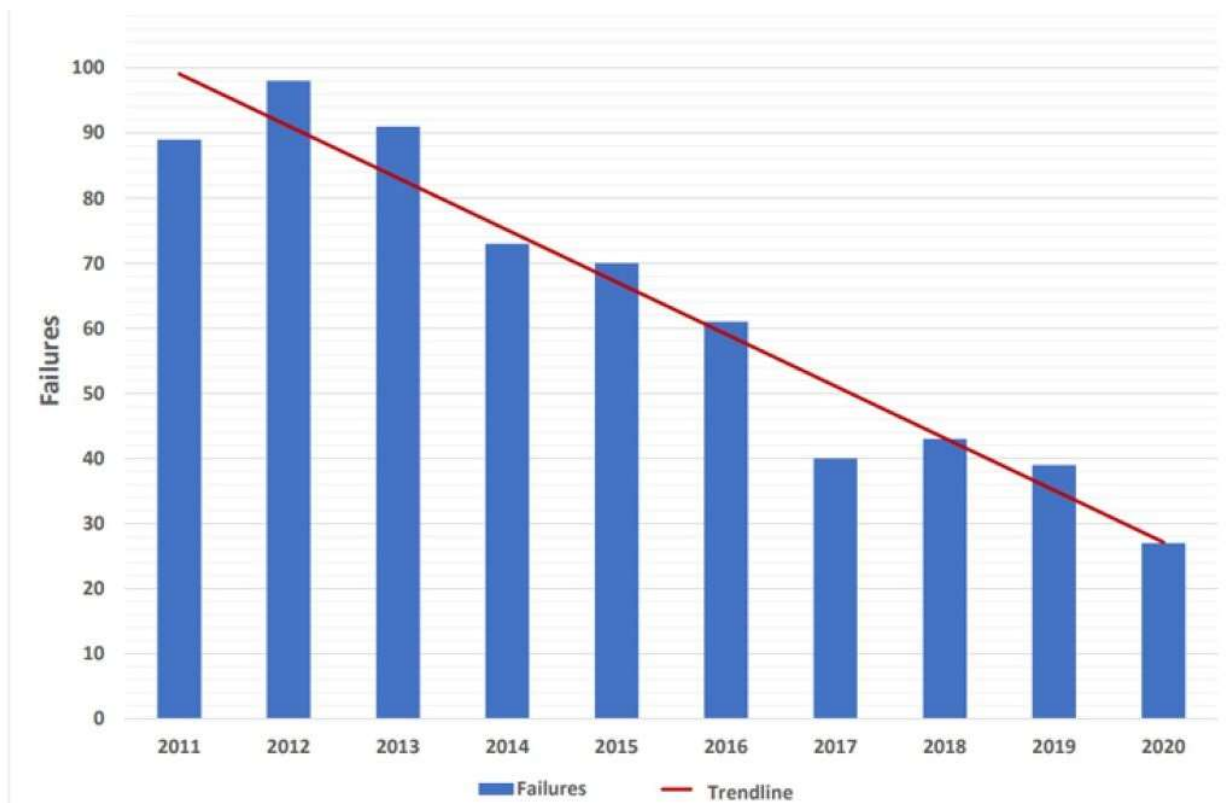
"Please listen to the communication papers going out to you. When staff have them dropped off to everyone, the water will be turned on. Thank you for your patience."

Staff are still investigating the cause of the break in the water main, which has a recorded service date of 1969, said Mason.

"It should be noted that the age of the pipe is approximately 50 years old, but the asset life span is 75 years or greater therefore there should be considerable life remaining in the pipe," he said.

"Saint John Water historically experienced a high of 90 to 100 water main breaks per year. However due to significant investments being made in water and sewer infrastructure in recent

years the annual average number of water main breaks has fallen to between 30 to 40 per year."



Water main breaks have been trending downward and now average about 30 to 40 a year, said Saint John Water director Kendall Mason. (City of Saint John)

People at increased risk should seek advice about drinking water from their health-care provider, the city advises.

Anyone who experiences persistent symptoms may want to seek medical advice, it says.

The tap water is safe to use for showers, to bathe and for swimming pools.

It is also safe to wash dishes in hot, soapy water and then air dry, or to use a dishwasher.

Two sets of clean samples are required before the boil order can be lifted, said Mason.

That means the earliest the boil order will be rescinded is Wednesday evening, he said.

"We are evaluating all available information and working closely with the Department of Health," the advisory states.

"We will inform you when you no longer need to boil your water."

---

*With files from Julia Wright*

[CBC's Journalistic Standards and Practices](#) | [About CBC News](#)

[Corrections and clarifications](#) | [Submit a news tip](#) | [Report error](#) ▼

## Popular Now in News

- 1 Ottawa looking to drop 24 Sussex and build new home for PM elsewhere: sources**  
842 reading now
  - 2 Wife, daughter of restaurateur Sharif Rahman pray for justice as Owen Sound police investigate fatal beating**  
575 reading now
  - 3 Judge denies Tuxedo family's request to end police curfew checks that 'humiliated' them**  
429 reading now
  - 4 Lowertown residents overwhelmed by fentanyl crisis plead for help**  
364 reading now
  - 5 Braced for an increase in COVID cases, Health Canada considers 3 new vaccines**  
280 reading now
-



# Watermain Break Impacting Some City Residents

Saint John, NB, Canada / Country 94

[Brad Perry](#)

Aug 4, 2022 | 11:27 AM

A watermain break in the uptown area on Wednesday is impacting residents in parts of Saint John.

The city says some residents may have to flush their water occasionally over the next few days.

That includes those living in the uptown area, north end, Millidgeville, and on the east side.

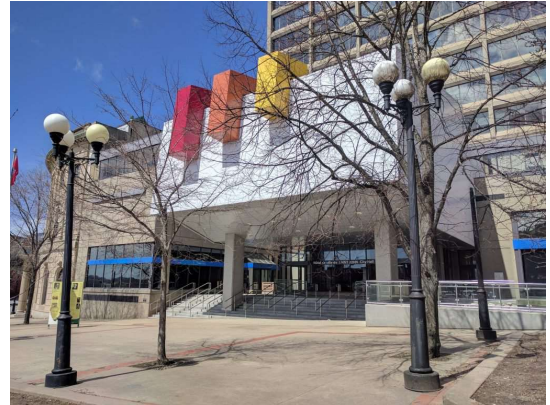
Residents who have been away since Wednesday should turn on their taps for a few minutes to flush out the water in their plumbing.

"This will remove the water that has been sitting in the pipes while you were away and will draw cleaner, fresher water into your plumbing," the city said in a news release.

But if you have been using your water, city officials say you do not need to do anything else since you have effectively already flushed out old water.

No boil water advisories have been issued as a result of the watermain break.

Residents who have questions can contact the city's Customer Service Centre at 506-658-4455.



The exterior of Saint John City Hall is pictured in this file photo. Image: staff photo



**[Brad Perry](#)**

Regional News Director

[Follow](#) | [Contact](#)

Regional news director for Acadia Broadcasting's New Brunswick radio stations. A self-described weather geek who wakes up way before the sun to keep you informed.



ON AIR NOW

Ian Robinson

10:00 AM - 2:00 PM

Listen Live



ACADIA PODCAST  
 ACADIA PODCAST  
**INSIGHTS**  
 WITH DON MILLS & DAVID CAMPBELL  
 ACADIA PODCAST  
 ACADIA PODCAST

### Last Played



The Reklaws  
 I Do Too  
 1 minute ago



Menu



Listen Live

Sign In



**ONE BEER (feat. Lauren Alaina & Devin Dawson)**

8 minutes ago



More



[Privacy Policy](#) | [Terms Of Service](#)



Copyright © 2023. All rights reserved.

This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.

POWERED BY **SoCast** Digital growth made easy.

---

A RAPTIVE PARTNER SITE







# No Rate Increase Proposed For Saint John Water

Saint John, NB, Canada / Country 94

[Tim Herd](#)

Nov 16, 2022 | 7:00 AM

Ratepayers in Saint John will likely see their water and sewer bills remain the same in 2023.

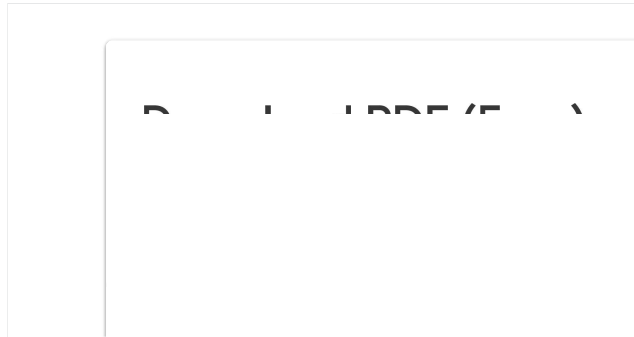
Common Council has given its first approvals to the city's 2023 utility fund operating budget.

The budget proposes keeping water and sewer rates unchanged for the fifth year in a row.

"There is no proposed increase for flat fee customers or metered customers. This is the fifth year in a row that would have no increase, and meter rates and sewer rates are proposed to remain the same as well," Coun. Gary Sullivan, who chairs the city's finance committee, said at Monday's meeting.



The City of Saint John sign is pictured in this file photo. Image: Brad Perry



"The ongoing focus in recent years has been on the significant cost reduction, which has led to rate stabilization, allowing the utility to mitigate the significant current economic pressures."

Flat rate customers currently pay \$1,428 per year for their services, according to a city staff report.

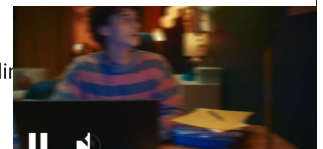
Meanwhile, the city's four industrial raw water customers would see various levels of rate increases compared to what they are paying this year.

Those customers include Irving Oil and Irving Paper on the east side, and Irving Pulp & Paper and NB Power's Coleson Cove on the west side.

"The City set the rates to cover all operating costs associated with providing raw water to each customer, recover the cost of each system and include a charge for future asset replacement," said a staff report.

"There is also a charge to some customers to cover the cost of assets currently being replaced, along with funding a reserve for each customer."

Overall revenue for 2023 is budgeted at more than \$37.5 million. City staff anticipate the reduction in flat rate accounts in recent years has levelled and will actually increase slightly next year.





About one-quarter of the city's fire hydrants will be repainted and 35 per cent of them will be inspected.

The utility has also budgeted \$750,000 to dredge the Lancaster Sewage Lagoon, which is necessary before capital improvements to the lagoon can be made.



**Tim Herd**

Reporter

[Follow](#) | [Contact](#)

Tim is a graduate from the Fanshawe College Broadcast-Journalism program. He moved to Saint John, New Brunswick from Ontario. He enjoys a pint of beer, college sports, and quality time with family and friends.

ON AIR NOW  
**Ian Robinson**  
10:00 AM - 2:00 PM

**Listen Live**



**CONNECT ALL YOUR COUNTS.**





# INSIGHTS

WITH DON MILLS & DAVID CAMPBELL  
ACADIA PODCAST  
ACADIA PODCAST

## Last Played



Bailey Zimmerman  
**Religiously**  
24 seconds ago



HARDY  
**ONE BEER** (feat. Lauren Alaina & Devin Dawson)  
3 minutes ago



Teigen Gayse  
**If You Show Me Yours**  
7 minutes ago



[More](#)



[Privacy Policy](#) | [Terms Of Service](#)

Copyright © 2023. All rights reserved.

This site is protected by reCAPTCHA and the Google [Privacy Policy](#) and [Terms of Service](#) apply.

POWERED BY SoCast Digital growth made easy.

A RAPTIVE PARTNER SITE



## Appendix P

### 2022 Customer Requests Relating to Pressure & Water Quality

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 33 Acorn Drive</b>	
<b>PHONE:</b>	
<b>DATE: June 23, 2022</b>	
<b>TIME: 3:00 pm</b>	
<p><b>Water Complaint :</b> Customer noticing water does not feel good on skin when showering or shaving. Wondering if hardness may have increased.</p> <p><b>Corrective Action :</b> Customer notified that results meet the Health Canada Guidelines for Drinking Water.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.84 mg/L
	Temperature : 12 °C
	Conductivity : 655.8 µS/cm
	Total Dissolved Solids : 321.4 mg/L
	Turbidity : 0.12 NTU
	pH : 7.84
	Apparent Color : Non-detect
	Hardness : 246 mg/L
	Alkalinity : 147 mg/L
	Orthophosphate : 0.70 mg/L
	Copper : 40 µg/L
	Lead : < 2 µg/L
	Iron : 0.01 mg/L
Manganese : 0.035 mg/L	
Total Coliform : 0 cfu	
E Coli : 0 cfu	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0746**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b> Fort La Tour	
<b>ADDRESS:</b> 124 Chesley Drive, Navy Way	
<b>PHONE:</b>	
<b>DATE:</b> May 3, 2022	
<b>TIME:</b> 1:30 PM	
<p><b>Water Complaint :</b> Request for water quality test to determine if water from bathroom sink is potable.</p> <p><b>Corrective Action :</b> The water at this location meets Health Canada Guidelines and is safe to consume. Additional flushing from the washroom will further elevate chlorine residual and reduce total iron.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.01 mg/L
	Temperature : 5 °C
	Conductivity : 129.8 µS/cm
	Total Dissolved Solids : 63.6 mg/L
	Turbidity : 1.88 NTU
	pH : 9.29
	Apparent Color : 22 units PtCo
	Hardness : 24 mg/L
	Alkalinity : 40 mg/L
	Orthophosphate : 0.80 mg/L
	Copper : <10 µg/L
	Lead : <2 µg/L
Iron : 0.39 mg/L	
Manganese : 0.013 mg/L	
Total Coliform : 0 cfu / 100 mLs	
E Coli : 0 cfu / 100 mLs	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWMI1497**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 134 Church Avenue</b>	
<b>PHONE:</b>	
<b>DATE: May 19, 2022</b>	
<b>TIME: 13:30</b>	
<p><b>Water Complaint :</b> Customer experiencing dirty water for an extended period of time.</p> <p><b>Corrective Action :</b> Nearby operation of PRV caused temporary water discoloration. Water is safe to consume and is below Health Canada Guidelines. Hydrant flushing was put on May 20 to expedite the removal of cloudiness. Will be following up May 24 with a resample from same location.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.42 mg/L
	Temperature : 10 °C
	Conductivity : 102.2 µS/cm
	Total Dissolved Solids : 50.2 mg/L
	Turbidity : 1.23 NTU
	pH : 7.56
	Apparent Color : 21 units PtCo
	Hardness : 21 mg/L
	Alkalinity : 34 mg/L
	Orthophosphate : 0.89 mg/L
	Copper : < 10 µg/L
	Lead : < 2 µg/L
Iron : 0.11 mg/L	
Manganese : 0.104 mg/L	
Total Coliform : 0 cfu / 100 mLs	
E Coli : 0 cfu / 100 mLs	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0743**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 134 Church Avenue</b>	
<b>PHONE:</b>	
<b>DATE: May 24, 2022</b>	
<b>TIME: 9:45</b>	
<p><b>Water Complaint :</b> Repeat testing after flushing all weekend.</p> <p><b>Corrective Action :</b> Customer indicated water cleared up Saturday morning. Turbidity, Colour, Iron, and Manganese were all lower after flushing. Water meets Health Canada Guidelines and is representative of East Water.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.47 mg/L
	Temperature :
	Conductivity :
	Total Dissolved Solids :
	Turbidity : 0.12 NTU
	pH :
	Apparent Color : 4 PtCo Units
	Hardness :
	Alkalinity :
	Orthophosphate :
	Copper :
	Lead :
Iron : < 0.02 mg/L	
Manganese : 0.006 mg/L	
Total Coliform :	
E Coli :	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0743**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 11 Corsica Court (Filtered)</b>	
<b>PHONE:</b>	
<b>DATE: July 7, 2022</b>	
<b>TIME: 1:30 PM</b>	
<b>FILTERED</b>	
<p><b>Water Complaint :</b> Customer requests water test for filter system, approved by Pierre Leblanc.</p> <p><b>Corrective Action :</b> Customer informed that all parameters meet Canadian Drinking Water Quality Guidelines (CDWQG). It should be noted that the filtered sample yielded background noncoliform bacteria. ☒</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.00 mg/L
	Temperature : 22 °C
	Conductivity : 603.1 µS/cm
	Total Dissolved Solids : 296.2 mg/L
	Turbidity : 0.13 NTU
	pH : 7.16
	Apparent Color : 3 PtCo Units
	Hardness : 221 mg/L as CaCO <sub>3</sub>
	Alkalinity : 120 mg/L
	Orthophosphate : 0.37 mg/L
	Copper : 20 µg/L
	Lead : < 2 µg/L
Iron : < 0.02 mg/L	
Manganese : 0.032 mg/L	
Total Coliform : 0* cfu/100mL (Background)	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0170**



## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 11 Corsica Court</b>	
<b>PHONE:</b>	
<b>DATE: July 7, 2022</b>	
<b>TIME: 1:30 PM</b>	
<p><b>Water Complaint :</b> Customer requests water test for filter system, approved by Pierre Leblanc.</p> <p><b>Corrective Action :</b> Customer informed that all parameters meet Canadian Drinking Water Quality Guidelines (CDWQG). It should be noted that the filtered sample yielded background noncoliform bacteria. ☒</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.65 mg/L
	Temperature : 16 °C
	Conductivity : 647.8 µS/cm
	Total Dissolved Solids : 318.1 mg/L
	Turbidity : 0.07 NTU
	pH : 7.81
	Apparent Color : Nondetect
	Hardness : 251 mg/L
	Alkalinity : 152 mg/L as CaCO <sub>3</sub>
	Orthophosphate : 0.62 mg/L
	Copper : 110 µg/L
	Lead : < 2 µg/L
Iron : 0.02 mg/L	
Manganese : 0.053 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0170**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 23 Dolly Drive</b>	
<b>PHONE:</b>	
<b>DATE: August 10, 2022</b>	
<b>TIME: 14:15</b>	
<p><b>Water Complaint :</b> Customer had dirty water day before main break uptown. Requests water quality testing.</p> <p><b>Corrective Action :</b> Customer informed that all parameters meet Canadian Drinking Water Quality Guidelines (CDWQG), and water is safe to consume.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.53 mg/L
	Temperature : 19°C
	Conductivity : 97.3 µS/cm
	Total Dissolved Solids : 47.8 mg/L
	Turbidity : 0.11 NTU
	pH : 7.54
	Apparent Color : Non-detect
	Hardness : 22 mg/L (as CaCO <sub>3</sub> )
	Alkalinity : 28 mg/L (as CaCO <sub>3</sub> )
	Orthophosphate : 0.99 mg/L
	Copper : < 10 µg/L
	Lead : < 2 µg/L
	Iron : 0.02 mg/L
Manganese : 0.007 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0749**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS:</b> 272 Duke Street West	
<b>PHONE:</b>	
<b>DATE:</b> April 5, 2022	
<b>TIME:</b> 1:30 PM	
<p><b>Water Complaint :</b> Customer would like to have water checked. She has been dealing with some health conditions and finds the water smells like sewerage.</p> <p><b>Corrective Action :</b> Water meets Health Canada guidelines and is safe to consume and use.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.91 mg/L
	Temperature : 5 °C
	Conductivity : 104.9 µS/cm
	Total Dissolved Solids : 51.5 mg/L
	Turbidity : 0.77 NTU
	pH : 7.51
	Apparent Color : non detect
	Hardness : 25 mg/L
	Alkalinity : 30 mg/L
	Orthophosphate : 1.09 mg/L
	Copper : 20 µg/L
	Lead : < 2 µg/L
Iron : 0.02 mg/L	
Manganese : 0.001 mg/L	
Total Coliform : 0 cfu	
E Coli : 0 cfu	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0739**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 212 Duke Street (Uptown) Apartment #2</b>	
<b>PHONE:</b>	
<b>DATE: May 12, 2022</b>	
<b>TIME: 1:30 pm</b>	
<p><b>Water Complaint :</b> Customer noticed multiple shrimp from aquarium passed. Wondering if it may have been something from water chemistry.</p> <p><b>Corrective Action :</b> Customer notified that water meets Health Canada Guidelines for Drinking water.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.98 mg/L
	Temperature : 8 °C
	Conductivity : 101.8 µS/cm
	Total Dissolved Solids : 50.1 mg/L
	Turbidity : 0.11 NTU
	pH : 7.43
	Apparent Color : non-detect
	Hardness : 20 mg/L
	Alkalinity : 35 mg/L
	Orthophosphate : 1.06 mg/L
	Copper : 10 µg/L
	Lead : < 2 µg/L
Iron : non-detect	
Manganese : 0.003 mg/L	
Total Coliform : 0 cfu	
E Coli : 0 cfu	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 517 Earle Avenue</b>	
<b>PHONE:</b>	
<b>DATE: May 9, 2022</b>	
<b>TIME: 1:30 PM</b>	
<p><b>Water Complaint :</b> Customer is having issues with discolored water and sediment. Customer also suspects lead piping either in water service, or within home.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Guidelines. Additional lead tests were performed on first draw downstairs sink and upstairs bathroom sink. Both results were &lt;2 µg/L.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.01 mg/L
	Temperature : 8°C
	Conductivity : 100.7 µS/cm
	Total Dissolved Solids : 49.5 mg/L
	Turbidity : 0.16 NTU
	pH : 7.53
	Apparent Color : Nondetect
	Hardness : 17 mg/L
	Alkalinity : 31 mg/L as CaCO <sub>3</sub>
	Orthophosphate : 1.14 mg/L
	Copper : 10 µg/L
	Lead : <2 µg/L
Iron : <0.02 mg/L	
Manganese : 0.004 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0741**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 35 Eastwood Drive</b>	
<b>PHONE:</b>	
<b>DATE: April 13, 2022</b>	
<b>TIME: 1:30 PM</b>	
<p><b>Water Complaint :</b> Customer requests water testing after household members are having skin issues. Wants to investigate potential sources.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Guidelines.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.88 mg/L
	Temperature : 7°C
	Conductivity : 103.1 µS/cm
	Total Dissolved Solids : 50.4 mg/L
	Turbidity : 0.12 NTU
	pH : 7.46
	Apparent Color : Nondetect
	Hardness : 19 mg/L as CaCO <sub>3</sub>
	Alkalinity : 28 mg/L
	Orthophosphate : 1.27 mg/L
	Copper : 20 µg/L
	Lead : < 2 µg/L
Iron : < 0.02 mg/L	
Manganese : 0.002 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0740**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 115 Elliott Row</b>	
<b>PHONE:</b>	
<b>DATE: July 13, 2022</b>	
<b>TIME: 2:00 PM</b>	
<p><b>Water Complaint :</b> Contacted by property management company after resident had been ill. Customer requests water testing.</p> <p><b>Corrective Action :</b> Customer informed that all parameters meet Canadian Drinking Water Quality Guidelines (CDWQG), and water is safe to consume.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.12 mg/L
	Temperature : 20°C
	Conductivity : 93.6 µS/cm
	Total Dissolved Solids : 46.1 mg/L
	Turbidity : 0.05 NTU
	pH : 7.54
	Apparent Color : Non-detect
	Hardness : 21 mg/L
	Alkalinity : 25mg/L
	Orthophosphate : 0.99 mg/L
	Copper : 30 µg/L
	Lead : < 2 µg/L
	Iron : < 0.02 mg/L
Manganese : 0.002 mg/L	
Total Coliform : 0 cfu/ 100 mLs	
E Coli : 0 cfu/ 100 mLs	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0748**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 28 Germain Street</b>	
<b>PHONE:</b>	
<b>DATE: January 6, 2022</b>	
<b>TIME: 1:30 PM</b>	
<p><b>Water Complaint :</b> Customer experiencing a musty smell in bathroom since last week. Requests water testing. Set up a time to meet the landlord (Kim Harrity 333-1780) to sample from a tap in the garage/janitor room. Hydrant sampled in lieu of inside tap.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Guidelines.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.03 mg/L
	Temperature : 4°C
	Conductivity : 101.7 µS/cm
	Total Dissolved Solids : 50.2 mg/L
	Turbidity : 0.85 NTU
	pH : 7.43
	Apparent Color : 5 PtCo Units
	Hardness : 20 mg/L
	Alkalinity : 34 mg/L
	Orthophosphate : 1.02 mg/L
	Copper : 20 µg/L
	Lead : <2 µg/L
Iron : 0.09 mg/L	
Manganese : 0.06 mg/L	
Total Coliform : Not Tested	
E Coli : Not Tested	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0734**



## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 206 Germain Street Unit 4</b>	
<b>PHONE:</b>	
<b>DATE: January 6, 2022</b>	
<b>TIME: 1:45 PM</b>	
<p><b>Water Complaint :</b> Customer had a slug of black oily pellets come through their shower and kitchen sink. Timothy MacKenzie from customer service sounded the service but found no issue. Landlord is investigating the hot water tank/ boiler. Hydrant sampled in lieu of outside tap.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Guidelines.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.06 mg/L
	Temperature : 3°C
	Conductivity : 102.6 µS/cm
	Total Dissolved Solids : 50.2 mg/L
	Turbidity : 0.74 NTU
	pH : 7.44
	Apparent Color : 7 PtCo Units
	Hardness : 21 mg/L
	Alkalinity : 32 mg/L
	Orthophosphate : 1.04 mg/L
	Copper : 40 µg/L
	Lead : <2 µg/L
Iron : 0.05 mg/L	
Manganese : 0.014 mg/L	
Total Coliform : Not Tested	
E Coli : Not Tested	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0733**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 131 King Street East (Apartment 2)</b>	
<b>PHONE:</b>	
<b>DATE: February 16th, 2022</b>	
<b>TIME: 10:00 AM</b>	
<p><b>Water Complaint :</b> Customer experiencing brown water with black bits, also had bad taste &amp; smell. Landlord indicated to customer there was recently a main break nearby.</p> <p><b>Corrective Action :</b> Collected sample from hydrant in front of King St East Variety. Water collected from hydrant meets Health Canada Guidelines for Drinking Water.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.02 mg/L
	Temperature : 4 ° C
	Conductivity : 97.8 µS/cm
	Total Dissolved Solids : 48.1 mg/L
	Turbidity : 0.70 NTU
	pH : 7.44
	Apparent Color : 6 PtCo
	Hardness : 22 mg/L
	Alkalinity : 31 mg/L
	Orthophosphate : 0.90 mg/L
	Copper : NA
	Lead : NA
Iron : 0.08 mg/L	
Manganese : 0.010 mg/L	
Total Coliform : NA	
E Coli : NA	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0737**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 131 King Street East, Unit 2</b>	
<b>PHONE:</b>	
<b>DATE: March 1st, 2022</b>	
<b>TIME: 10:00 AM</b>	
<p><b>Water Complaint :</b> Customer concerned about water quality. 1st visit was at hydrant in front of King Street East Variety, 2nd visit was in home from kitchen tap. 1st visit indicated no issues at hydrant but customer was still noticing issues with water in home.</p> <p><b>Corrective Action :</b> Customer informed that all parameters meet Health Canada Guidelines for Drinking Water.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.04 mg/L
	Temperature : -3 ° C
	Conductivity : 103.5 µS/cm
	Total Dissolved Solids : 50.8 mg/L
	Turbidity : 0.28 NTU
	pH : 7.55
	Apparent Color : 1 PtCo
	Hardness : 23 mg/L
	Alkalinity : 35 mg/L
	Orthophosphate : 0.96 mg/L
	Copper : 20 µg/L
	Lead : < 2 µg/L
Iron : 0.01 mg/L	
Manganese : 0.002 mg/L	
Total Coliform : 0 cfu	
E Coli : 0 cfu	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>																		
<b>ADDRESS: 1076 Manawagonish Road</b>																		
<b>PHONE:</b>																		
<b>DATE: March 7, 2022</b>																		
<b>TIME: 9:00AM</b>																		
<p><b>Water Complaint :</b> Plumber advised customer to get a lead test. Customer has a whole home charcoal filter. First Draw Results: Lead: 2µg/L 60µg/L</p> <p style="text-align: right;">Copper:</p> <p><b>Corrective Action :</b> Both first draw and flushed samples do not contain lead above the Health Canada Guideline. Water is safe to consume. Customer informed of results.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Water Sample Analysis</th> </tr> </thead> <tbody> <tr><td>Free Chlorine : 0.22 mg/L</td></tr> <tr><td>Temperature : 6°C</td></tr> <tr><td>Conductivity : 637.3 µS/cm</td></tr> <tr><td>Total Dissolved Solids : 312.5 mg/L</td></tr> <tr><td>Turbidity : 0.31 NTU</td></tr> <tr><td>pH : 7.74</td></tr> <tr><td>Apparent Color : 1 PtCo Units</td></tr> <tr><td>Hardness : 246 mg/L</td></tr> <tr><td>Alkalinity : 151 mg/L</td></tr> <tr><td>Orthophosphate : 0.81 mg/L</td></tr> <tr><td>Copper : 10 µg/L</td></tr> <tr><td>Lead : &lt;2 µg/L</td></tr> <tr><td>Iron : 0.02 mg/L</td></tr> <tr><td>Manganese : 0.037 mg/L</td></tr> <tr><td>Total Coliform : Not Tested</td></tr> <tr><td>E Coli : Not Tested</td></tr> </tbody> </table>	Water Sample Analysis	Free Chlorine : 0.22 mg/L	Temperature : 6°C	Conductivity : 637.3 µS/cm	Total Dissolved Solids : 312.5 mg/L	Turbidity : 0.31 NTU	pH : 7.74	Apparent Color : 1 PtCo Units	Hardness : 246 mg/L	Alkalinity : 151 mg/L	Orthophosphate : 0.81 mg/L	Copper : 10 µg/L	Lead : <2 µg/L	Iron : 0.02 mg/L	Manganese : 0.037 mg/L	Total Coliform : Not Tested	E Coli : Not Tested
Water Sample Analysis																		
Free Chlorine : 0.22 mg/L																		
Temperature : 6°C																		
Conductivity : 637.3 µS/cm																		
Total Dissolved Solids : 312.5 mg/L																		
Turbidity : 0.31 NTU																		
pH : 7.74																		
Apparent Color : 1 PtCo Units																		
Hardness : 246 mg/L																		
Alkalinity : 151 mg/L																		
Orthophosphate : 0.81 mg/L																		
Copper : 10 µg/L																		
Lead : <2 µg/L																		
Iron : 0.02 mg/L																		
Manganese : 0.037 mg/L																		
Total Coliform : Not Tested																		
E Coli : Not Tested																		
<b>Health Canada Guidelines for Drinking Water</b>																		
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L																		
Health Canada Guideline for pH is between 7.0 and 10.5																		
Health Canada Guideline for Turbidity is < 1.00 NTU																		
Health Canada Guideline for Hardness is < 500 mg/L																		
Operational Guideline for Orthophosphate is 1.00 mg/L																		
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective																		
Health Canada Guideline for Lead is 5 µg/L as a maximum																		
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective																		
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum																		
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL																		

**SJWCR0738**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 155 Mystery Lake Road Apt 309</b>	
<b>PHONE:</b>	
<b>DATE: December 28, 2022</b>	
<b>TIME: 1:30 PM</b>	
<p><b>Water Complaint :</b> Building manager reported dirty brown water throughout entire building starting the night of Dec 27th. Requested testing.</p> <p><b>Corrective Action :</b> All parameters are consistent with East distribution water. Water is safe to consume.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.98 mg/L
	Temperature : 8°C
	Conductivity : 98.2 µS/cm
	Total Dissolved Solids : 48.2 mg/L
	Turbidity : 0.30 NTU
	pH : 7.53
	Apparent Color : 3 PtCo Units
	Hardness : 22 mg/L
	Alkalinity : 30 mg/L
	Orthophosphate : 0.95 mg/L
	Copper : 20 µg/L
	Lead : <2 µg/L
	Iron : 0.02 mg/L
Manganese : 0.002 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0752**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 155 Mystery Lake Road Apt 802</b>	
<b>PHONE:</b>	
<b>DATE: December 28, 2022</b>	
<b>TIME: 1:30 PM</b>	
<p><b>Water Complaint :</b> Building manager reported dirty brown water throughout entire building starting the night of Dec 27th. Requested testing.</p> <p><b>Corrective Action :</b> All parameters are consistent with East distribution water. Water is safe to consume.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.94 mg/L
	Temperature : 8°C
	Conductivity : 99.2 µS/cm
	Total Dissolved Solids : 48.7 mg/L
	Turbidity : 0.31 NTU
	pH : 7.54
	Apparent Color : 3 PtCo Units
	Hardness : 22 mg/L
	Alkalinity : 30 mg/L
	Orthophosphate : 0.96 mg/L
	Copper : 50 µg/L
	Lead : <2 µg/L
	Iron : 0.02 mg/L
Manganese : 0.010 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0753**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 441 Red Head Road (instrumentation Building)</b>	
<b>PHONE:</b>	
<b>DATE: October 13, 2022</b>	
<b>TIME: 11:45 AM</b>	
<p><b>Water Complaint :</b> Request from staff to check the cold water service for potability.</p> <p><b>Corrective Action :</b> Water meets Health Canada Guidelines and is safe to consume.</p>	<b>Water Sample Analysis</b>
	<b>Free Chlorine : 0.77 mg/L</b>
	<b>Temperature : not tested</b>
	<b>Conductivity : 93.5 µS/cm</b>
	<b>Total Dissolved Solids : 45.9 mg/L</b>
	<b>Turbidity : 0.27 NTU</b>
	<b>pH : 7.51</b>
	<b>Apparent Color : non detect</b>
	<b>Hardness : 19 mg/L</b>
	<b>Alkalinity : 28 mg/L</b>
	<b>Orthophosphate : 1.00 mg/L</b>
	<b>Copper : 80 µg/L</b>
	<b>Lead : &lt; 2 µg/L</b>
<b>Iron : &lt; 0.02 mg/L</b>	
<b>Manganese : 0.002 mg/L</b>	
<b>Total Coliform : 0 cfu</b>	
<b>E Coli : 0 cfu</b>	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCROXXX**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 66 Rocky Terrace</b>	
<b>PHONE:</b>	
<b>DATE: January 25, 2022</b>	
<b>TIME: 13:30</b>	
<p><b>Water Complaint :</b> Customer experiencing smelly water. Needed to sample from hydrant in front of home as outside tap was frozen.</p> <p><b>Corrective Action :</b> Some parameters were higher, this is believed to be due to sampling from the hydrant. Laboratory will be returning to hydrant week of January 31st to run the hydrant for a longer period of time and collect another sample.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.02 mg/L
	Temperature : 5 °C
	Conductivity : 107.8 µS/cm
	Total Dissolved Solids : 52.9 mg/L
	Turbidity : 11 NTU
	pH : 7.70
	Apparent Color : 85 units PtCo
	Hardness : 24 mg/L
	Alkalinity : 31 mg/L
	Orthophosphate : 1.09 mg/L
	Copper : NA
	Lead : NA
Iron : 0.92 mg/L	
Manganese : 0.598 mg/L	
Total Coliform : NA	
E Coli : NA	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0735**



## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 66 Rocky Terrace</b>	
<b>PHONE:</b>	
<b>DATE: February 8, 2022</b>	
<b>TIME: 9:30</b>	
<p><b>Water Complaint :</b> Customer experiencing smelly water. Needed to sample from hydrant in front of home as outside tap was frozen. Hydrant resampled due to elevated metals.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Guidelines.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.01 mg/L
	Temperature : 3 °C
	Conductivity : 110.8 µS/cm
	Total Dissolved Solids : 54.4 mg/L
	Turbidity : 0.95 NTU
	pH : 7.51
	Apparent Color : 12 units PtCo
	Hardness : 24 mg/L
	Alkalinity : 31 mg/L
	Orthophosphate : 1.07 mg/L
	Copper : NA
	Lead : NA
Iron : 0.07 mg/L	
Manganese : 0.068mg/L	
Total Coliform : NA	
E Coli : NA	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0735**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS:</b> 232 Roderick Row	
<b>PHONE:</b>	
<b>DATE:</b> July 8, 2022	
<b>TIME:</b> 10:00	
<p><b>Water Complaint :</b> Customer experiencing hardness issues and requests water test.</p> <p><b>Corrective Action :</b> Drinking water meets Health Canada Guidelines. Customer informed of results and will forward to Pierre LeBlanc if the customer feels they want to further discuss the hardness issue.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.82 mg/L
	Temperature : 13 °C
	Conductivity : 645.7 µS/cm
	Total Dissolved Solids : 317.0 mg/L
	Turbidity : 0.14 NTU
	pH : 7.96
	Apparent Color : ND (non detect)
	Hardness : 252 mg/L as CaCO <sub>3</sub>
	Alkalinity : 151mg/L
	Orthophosphate : 0.76 mg/L
	Copper : 30 µg/L
	Lead : < 2 µg/L
Iron : 0.02 mg/L	
Manganese : 0.039mg/L	
Total Coliform : 0 cfu / 100 mL	
E Coli : 0 cfu/ 100 mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0747**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 1742 Rothesay Road (Hydrant)</b>	
<b>PHONE:</b>	
<b>DATE: March 11, 2022</b>	
<b>TIME: 9:50 AM</b>	
<p><b>Water Complaint :</b> Customer experiencing sediment in water often, and has been happening for years. Hydrant in front of Clairmont Street to be tested as well.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Quality Guidelines.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.44 mg/L
	Temperature : 3°C
	Conductivity : 101.0 µS/cm
	Total Dissolved Solids : 49.5 mg/L
	Turbidity : 0.44 NTU
	pH : 7.43
	Apparent Color : 4 PtCo Units
	Hardness : Not Tested
	Alkalinity : Not Tested
	Orthophosphate : 1.02 mg/L
	Copper : Not Tested
	Lead : Not Tested
Iron : 0.06 mg/L	
Manganese : Not Tested	
Total Coliform : Not Tested	
E Coli : Not Tested	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWMI0407**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 1760 Rothesay Road</b>	
<b>PHONE:</b>	
<b>DATE: March 11, 2022</b>	
<b>TIME: 8:45 AM</b>	
<p><b>Water Complaint :</b> Customer experiencing sediment in water often, and has been happening for years. Hydrant in front of Clairmont Street to be tested as well.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Quality Guidelines.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.42 mg/L
	Temperature : 2°C
	Conductivity : 101.8 µS/cm
	Total Dissolved Solids : 50.2 mg/L
	Turbidity : 0.16 NTU
	pH : 7.47
	Apparent Color : 3 PtCo Units
	Hardness : 24 mg/L
	Alkalinity : 33 mg/L
	Orthophosphate : 0.96 mg/L
	Copper : 20 µg/L
	Lead : <2 µg/L
Iron : 0.02mg/L	
Manganese : 0.002 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0208**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS:</b> 99 Shillington Road	
<b>PHONE:</b>	
<b>DATE:</b> January 6, 2022	
<b>TIME:</b> 1:45 PM	
<p><b>Water Complaint :</b> Customer experiencing green growth and sand in the bathroom sink tap, low pressure in bathroom, and sand in toilet tank. Water occasionally smells. Requests testing. Hydrant sampled in lieu of outside tap.</p> <p><b>Corrective Action :</b> Customer informed of results. Water meets Health Canada Drinking Water Guidelines.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.96 mg/L
	Temperature : 6°C
	Conductivity : 102.1 µS/cm
	Total Dissolved Solids : 50.2 mg/L
	Turbidity : 0.54 NTU
	pH : 7.44
	Apparent Color : 2 PtCo Units
	Hardness : 19 mg/L
	Alkalinity : 35 mg/L
	Orthophosphate : 1.01 mg/L
	Copper : 10 µg/L
	Lead : <2 µg/L
Iron : 0.06 mg/L	
Manganese : 0.006 mg/L	
Total Coliform : Not Tested	
E Coli : Not Tested	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0732**

**SAINT JOHN WATER  
CUSTOMER ACTION FORM**

<b>NAME:</b>	
<b>ADDRESS: 11 Silverstone Street</b>	
<b>PHONE:</b>	
<b>DATE: June 21, 2022</b>	
<b>TIME: 1:30 pm</b>	
<p><b>Water Complaint :</b> Customer noticing two issues: First is water coming from tap outside (no bathroom or kitchen at the moment) has sediment. Second issue is water coming up in crawl space floor, customer wondering if it could be city water.</p> <p><b>Corrective Action :</b> Sample taken at outside tap meets Health Canada Guidelines for Drinking Water (aside from microbiology sample not performed). The water coming up in the crawlspace does not appear to be city water, no Chlorine or Orthophosphate present in sample.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.81 mg/L
	Temperature : 15 °C
	Conductivity : 98.2 µS/cm
	Total Dissolved Solids : 48.2 mg/L
	Turbidity : 0.34 NTU
	pH : 7.61
	Apparent Color : 2 units PtCo
	Hardness : 19 mg/L
	Alkalinity : 27 mg/L
	Orthophosphate : 1.05 mg/L
	Copper : 30 µg/L
	Lead : < 2 µg/L
Iron : 0.02 mg/L	
Manganese : 0.005 mg/L	
Total Coliform : NA	
E Coli : NA	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0745**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 21 Silverstone Street (Hydrant)</b>	
<b>PHONE:</b>	
<b>DATE: June 21, 2022</b>	
<b>TIME: 1:50 pm</b>	
<p><b>Water Complaint :</b> Hydrant tested in connection with 11 Silverstone Street (water quality call).</p> <p><b>Corrective Action :</b> Customer notified of results.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.75 mg/L
	Temperature : 15 °C
	Conductivity : 97.8 µS/cm
	Total Dissolved Solids : 48.0 mg/L
	Turbidity : 0.17 NTU
	pH : 7.63
	Apparent Color : 0 units PtCo
	Hardness : 19 mg/L
	Alkalinity : 27 mg/L
	Orthophosphate : 1.05 mg/L
	Copper : NA
	Lead : NA
Iron : 0.03 mg/L	
Manganese : NA	
Total Coliform : NA	
E Coli : NA	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWML1137**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 250 Somerset Street (Bathtub)</b>	
<b>PHONE:</b>	
<b>DATE: October 17, 2022</b>	
<b>TIME: 1:30 pm</b>	
<p><b>Water Complaint :</b> Customer noticed water was cloudy and had a sediment (mostly noticing in the bathtub).</p> <p><b>Corrective Action :</b> Water meets Health Canada Guidelines for Drinking Water. Customer notified of results.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : -
	Temperature : -
	Conductivity : 97.2 µS/cm
	Total Dissolved Solids : 47.7 mg/L
	Turbidity : 0.15 NTU
	pH : 7.56
	Apparent Color : 1 PtCo
	Hardness : 24 mg/L
	Alkalinity : 34 mg/L
	Orthophosphate : 1.02 mg/L
	Copper : -
	Lead : -
Iron : 0.02 mg/L	
Manganese : -	
Total Coliform : -	
E Coli : -	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0752**



## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 250 Somerset Street</b>	
<b>PHONE:</b>	
<b>DATE: October 17, 2022</b>	
<b>TIME: 1:30 pm</b>	
<p><b>Water Complaint :</b> Customer noticed water was cloudy and had a sediment (mostly noticing in the bathtub).</p> <p><b>Corrective Action :</b> Water meets Health Canada Guidelines for Drinking water. Customer notified of results.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.64 mg/L
	Temperature : 16 °C
	Conductivity : 97.2 µS/cm
	Total Dissolved Solids : 47.5 mg/L
	Turbidity : 0.17 NTU
	pH : 7.66
	Apparent Color : 1 PtCo
	Hardness : 22 mg/L
	Alkalinity : 29 mg/L
	Orthophosphate : 1.10 mg/L
	Copper : 30 µg/L
	Lead : <2 µg/L
	Iron : Non-detect
Manganese : 0.003 mg/L	
Total Coliform : 0 cfu	
E Coli : 0 cfu	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0751**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 73 Topeka Street</b>	
<b>PHONE:</b>	
<b>DATE: May 27, 2022</b>	
<b>TIME: 9:00 AM</b>	
<p><b>Water Complaint :</b> Customer would like water quality test to check for the Lead level in the water in his home.</p> <p><b>Corrective Action :</b> Analysis from flushed sample was 5 µg/L for lead and meets the Health Canada Guidelines for drinking water. Customer was informed of water analysis results.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.91 mg/L
	Temperature : 10 °C
	Conductivity : 99.0 µS/cm
	Total Dissolved Solids : 48.7 mg/L
	Turbidity : 0.12 NTU
	pH : 7.57
	Apparent Color : -1 PtCo
	Hardness : 15 mg/L
	Alkalinity : 27 mg/L
	Orthophosphate : 0.97 mg/L
	Copper : 0.02 mg/L
	Lead : 5 µg/L
Iron : non-detect	
Manganese : 0.004 mg/L	
Total Coliform : 0 cfu/100mL	
E Coli : 0 cfu/100 mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0744**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 330 Woodward Avenue</b>	
<b>PHONE:</b>	
<b>DATE: February 15, 2022</b>	
<b>TIME: 10:00 AM</b>	
<p><b>Water Complaint :</b> Customer noticing water coming from tap is very cloudy. Has been happening for 3 weeks on and off. Customer indicated neighbour also noticing similar issue.</p> <p><b>Corrective Action :</b> Collected sample from hydrant between 312 Woodward Ave and Brentwood entrance. Water from hydrant meets Health Canada Guidelines for Drinking Water.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 1.04 mg/L
	Temperature : 4° C
	Conductivity : 99.2 µS/cm
	Total Dissolved Solids : 48.7 mg/L
	Turbidity : 0.21 NTU
	pH : 7.50
	Apparent Color : 2 PtCo
	Hardness : 22 mg/L
	Alkalinity : 31 mg/L
	Orthophosphate : 1.02 mg/L
	Copper : NA
	Lead : NA
Iron : 0.02 mg/L	
Manganese : 0.002 mg/L	
Total Coliform : NA	
E Coli : NA	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 2000 µg/L as a maximum	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0736**

## SAINT JOHN WATER CUSTOMER ACTION FORM

<b>NAME:</b>	
<b>ADDRESS: 557 Young Street</b>	
<b>PHONE:</b>	
<b>DATE: August 29, 2022</b>	
<b>TIME: 10:30AM</b>	
<p><b>Water Complaint :</b> Customer experiencing a chemical taste in their water. Requests testing.</p> <p><b>Corrective Action :</b> Customer informed that all parameters meet Canadian Drinking Water Quality Guidelines (CDWQG), and water is safe to consume. *It should be noted that there was background non-coliform bacteria present in the sample.</p>	<b>Water Sample Analysis</b>
	Free Chlorine : 0.75 mg/L
	Temperature : 13°C
	Conductivity : 96.8 µS/cm
	Total Dissolved Solids : 47.5 mg/L
	Turbidity : 0.18 NTU
	pH : 7.53
	Apparent Color : 0 PtCo Units
	Hardness : 20 mg/L as CaCO <sub>3</sub>
	Alkalinity : 29 mg/L as CaCO <sub>3</sub>
	Orthophosphate : 0.91 mg/L
	Copper : 30 µg/L
	Lead : < 2 µg/L
Iron : < 0.02 mg/L	
Manganese : 0.007 mg/L	
Total Coliform : 0* cfu/100mL	
E Coli : 0 cfu/100mL	
<b>Health Canada Guidelines for Drinking Water</b>	
NB Provincial Guideline for Free Chlorine is > 0.04 mg/L but less than 4.00 mg/L	
Health Canada Guideline for pH is between 7.0 and 10.5	
Health Canada Guideline for Turbidity is < 1.00 NTU	
Health Canada Guideline for Hardness is < 500 mg/L	
Operational Guideline for Orthophosphate is 1.00 mg/L	
Health Canada Guideline for Copper is 1000 µg/L as a aesthetic objective	
Health Canada Guideline for Lead is 5 µg/L as a maximum	
Health Canada Guideline for Iron is < 0.30 mg/L as an aesthetic objective	
Health Canada Guideline for Manganese is 0.12 mg/L as a maximum	
Health Canada Guideline for Total Coliform and E Coli is 0 cfu/100 mL	

**SJWCR0750**

### Customer Service Water Report 2022

Created Date	Type Description	Details	Location
Jan 4, 2022 12:21:06 PM	WTR - Low Water Pressure	Low water pressure downstairs & no water upstairs (frozen pipes?)	16 MURIEL AV, SAINT JOHN, NB
Jan 4, 2022 7:59:06 PM	WTR - Water Quality Complaint	Spoke with customer and she indicated water was getting better, color was just light in color at this point in time.	411 ELLERDALE ST, SAINT JOHN, NB
Jan 5, 2022 12:20:57 PM	WTR - No Water (Residential / Commercial Customer)	plug sewer on owner	935 ASHBURN RD, SAINT JOHN, NB
Jan 11, 2022 8:43:02 AM	WTR - No Water (Residential / Commercial Customer)		7 COURTENAY AV, SAINT JOHN, NB
Jan 11, 2022 3:33:42 PM	WTR - Low Water Pressure		433 WOODVILLE RD, SAINT JOHN, NB
Jan 12, 2022 9:24:09 AM	WTR - No Water (Residential / Commercial Customer)		27 BROWN ST, SAINT JOHN, NB
Jan 12, 2022 10:10:13 AM	WTR - No Water (Residential / Commercial Customer)		72 ST. JOHN ST, SAINT JOHN, NB
Jan 12, 2022 11:02:54 AM	WTR - No Water (Residential / Commercial Customer)		17 ROCKCLIFFE ST, SAINT JOHN, NB
Jan 12, 2022 12:38:44 PM	WTR - No Water (Residential / Commercial Customer)		696 ROTHESAY AV, SAINT JOHN, NB
Jan 12, 2022 12:52:31 PM	WTR - No Water (Residential / Commercial Customer)	72 is also out of water	69 MECKLENBURG ST, SAINT JOHN, NB
Jan 13, 2022 8:59:57 AM	WTR - No Water (Residential / Commercial Customer)	no water in kitchen sink- sounds like the lines are plugged	133 BROOKVIEW CR, SAINT JOHN, NB
Jan 13, 2022 11:51:11 AM	WTR - No Water (Residential / Commercial Customer)	112-114 lancaster	114 LANCASTER ST, SAINT JOHN, NB
Jan 13, 2022 3:01:46 PM	WTR - No Water (Residential / Commercial Customer)		29 WARING ST, SAINT JOHN, NB
Jan 15, 2022 8:15:35 AM	WTR - No Water (Residential / Commercial Customer)	No water, possible frozen	4 FORT DUFFERIN RD, SAINT JOHN, NB
Jan 15, 2022 9:48:11 AM	WTR - No Water (Residential / Commercial Customer)	No water, may be froze	397 LANCASTER ST, SAINT JOHN, NB
Jan 16, 2022 11:33:57 AM	WTR - No Water (Residential / Commercial Customer)	no water	10 PITT ST, SAINT JOHN, NB
Jan 16, 2022 12:05:22 PM	WTR - No Water (Residential / Commercial Customer)		45 DEVEBER TR, SAINT JOHN, NB
Jan 16, 2022 12:07:20 PM	WTR - No Water (Residential / Commercial Customer)		246 LOCH LOMOND RD, SAINT JOHN, NB
Jan 19, 2022 8:53:32 AM	WTR - Low Water Pressure		292 MAIN ST, SAINT JOHN, NB
Jan 22, 2022 6:01:47 PM	WTR - No Water (Residential / Commercial Customer)	customer has no water, thinks his service is frozen.	40 MILLIDGE AV, SAINT JOHN, NB
Jan 22, 2022 7:45:21 PM	WTR - No Water (Residential / Commercial Customer)		138 BRITAIN ST, SAINT JOHN, NB
Jan 22, 2022 7:48:29 PM	WTR - No Water (Residential / Commercial Customer)		224 SYDNEY ST, SAINT JOHN, NB
Jan 24, 2022 7:33:26 AM	WTR - No Water (Residential / Commercial Customer)	Caller stated they havent any water.	30 EDISON CR, SAINT JOHN, NB
Jan 24, 2022 12:42:09 PM	WTR - Water Quality Complaint	Please call	66 ROCKY TR, SAINT JOHN, NB
Jan 24, 2022 4:09:54 PM	WTR - No Water (Residential / Commercial Customer)	can hear only gurgling in the sink	353 MILLIDGE AV, SAINT JOHN, NB
Jan 26, 2022 9:42:49 AM	WTR - No Water (Residential / Commercial Customer)	has not called landlord yet. They had plumbing work at the beginning of January	11 PROSPECT ST, SAINT JOHN, NB
Jan 27, 2022 11:41:43 AM	WTR - No Water (Residential / Commercial Customer)	Possibly frozen pipes	174 WATERLOO ST, SAINT JOHN, NB
Jan 27, 2022 11:57:26 AM	WTR - No Water (Residential / Commercial Customer)		41 EXMOUTH ST, SAINT JOHN, NB
Jan 28, 2022 11:25:46 AM	WTR - No Water (Residential / Commercial Customer)		1724 ROTHESAY RD, SAINT JOHN, NB
Jan 28, 2022 2:43:00 PM	WTR - No Water (Residential / Commercial Customer)		666 ROTHESAY AV, SAINT JOHN, NB
Jan 31, 2022 7:45:43 AM	WTR - No Water (Residential / Commercial Customer)		687 GREEN HEAD RD, SAINT JOHN, NB
Feb 2, 2022 9:01:57 AM	WTR - No Water (Residential / Commercial Customer)		79 WINTER ST, SAINT JOHN, NB
Feb 2, 2022 5:51:02 PM	WTR - No Water (Residential / Commercial Customer)		56 DOUGLAS AV, SAINT JOHN, NB
Feb 3, 2022 12:50:41 PM	WTR - No Water (Residential / Commercial Customer)		10 FIRST ST, SAINT JOHN, NB
Feb 3, 2022 8:54:46 PM	WTR - No Water (Residential / Commercial Customer)		149 ELLIOTT RW, SAINT JOHN, NB
Feb 7, 2022 2:40:33 PM	WTR - Low Water Pressure		19 OMEGA DR, SAINT JOHN, NB
Feb 9, 2022 2:22:07 PM	WTR - Low Water Pressure		18 HARMONY DR, SAINT JOHN, NB
Feb 10, 2022 9:52:31 AM	WTR - No Water (Residential / Commercial Customer)		617 ROTHESAY AV, SAINT JOHN, NB
Feb 10, 2022 2:32:50 PM	WTR - No Water (Residential / Commercial Customer)		148 WINSLOW ST, SAINT JOHN, NB
Feb 11, 2022 1:49:00 PM	WTR - Water Quality Complaint		330 WOODWARD AV, SAINT JOHN, NB
Feb 14, 2022 12:21:14 PM	WTR - Water Quality Complaint	apt 2. Has already ran cold water. Please call citizen back.	131 KING STE, SAINT JOHN, NB
Feb 16, 2022 8:56:22 AM	WTR - Water Quality Complaint	has already run cold water and the water is still cloudy	66 MEADOWBANK AV, SAINT JOHN, NB
Feb 18, 2022 11:07:37 AM	WTR - Low Water Pressure	affecting neighbours too- there was work done by sj water a month back attheir neighbour's house	5 KELTON ST, SAINT JOHN, NB
Feb 18, 2022 12:20:41 PM	WTR - Low Water Pressure		9 BEVERLY DR, SAINT JOHN, NB
Feb 18, 2022 3:48:39 PM	WTR - Water Quality Complaint		1076 MANAWAGONISH RD, SAINT JOHN, NB
Feb 26, 2022 8:52:08 AM	WTR - No Water (Residential / Commercial Customer)		116 SPAR COVE RD, SAINT JOHN, NB
Feb 28, 2022 11:03:02 AM	WTR - Water Quality Complaint		29 WILDWOOD ST, SAINT JOHN, NB
Mar 9, 2022 2:19:47 PM	WTR - Water Quality Complaint	Please call 1760 Rothesay Rd. Hot water tank gets destroyed within 8 years. Water is "dirty" per se. Cant see it in running	CLAIRMONT ST & ROTHESAY RD, SAINT JOHN,

Mar 14, 2022 2:54:27 PM	WTR - Low Water Pressure		32 DRIFTWOOD LN, SAINT JOHN, NB
Mar 16, 2022 11:32:04 PM	WTR - No Water (Residential / Commercial Customer)		2 FOLEY CT, SAINT JOHN, NB
Mar 23, 2022 3:30:38 PM	WTR - No Water (Residential / Commercial Customer)	Harold Eatmon was working on a leak in that area this afternoon. He is going to go take a look.	509 BOARS HEAD RD, SAINT JOHN, NB
Mar 28, 2022 11:14:12 AM	WTR - Water Quality Complaint		71 OCEAN DR, SAINT JOHN, NB
Mar 29, 2022 7:24:40 PM	WTR - Low Water Pressure		687 GREEN HEAD RD, SAINT JOHN, NB
Apr 1, 2022 1:20:21 PM	WTR - Water Quality Complaint		272 DUKE STW, SAINT JOHN, NB
Apr 6, 2022 10:14:50 AM	WTR - No Water (Residential / Commercial Customer)		329 TARTAN ST, SAINT JOHN, NB
Apr 8, 2022 9:13:45 AM	WTR - Water Quality Complaint	Dr. says it can be cause by nickle in the water	35 EASTWOOD DR, SAINT JOHN, NB
Apr 12, 2022 11:56:59 AM	WTR - No Water (Residential / Commercial Customer)		9 THOMAS AV, SAINT JOHN, NB
Apr 12, 2022 11:59:06 AM	WTR - No Water (Residential / Commercial Customer)	MAIN LEAK	528 HAVELOCK ST, SAINT JOHN, NB
Apr 12, 2022 12:00:53 PM	WTR - No Water (Residential / Commercial Customer)		18 BUENA VISTA AV, SAINT JOHN, NB
Apr 12, 2022 12:07:23 PM	WTR - No Water (Residential / Commercial Customer)		568 HAVELOCK ST, SAINT JOHN, NB
Apr 12, 2022 12:12:07 PM	WTR - No Water (Residential / Commercial Customer)	Customer is downhill from main break	470 DEMONTS ST, SAINT JOHN, NB
Apr 12, 2022 12:16:45 PM	WTR - No Water (Residential / Commercial Customer)	MAIN LEAK	548 HAVELOCK ST, SAINT JOHN, NB
Apr 13, 2022 9:46:14 AM	WTR - No Water (Residential / Commercial Customer)		425 DOUGLAS AV, SAINT JOHN, NB
Apr 21, 2022 3:33:07 PM	WTR - Low Water Pressure	Believed to be related to water main break	21 MOUNTAIN RD, SAINT JOHN, NB
Apr 29, 2022 8:55:49 AM	WTR - No Water (Residential / Commercial Customer)		127 KING STE, SAINT JOHN, NB
May 2, 2022 12:01:14 PM	WTR - Low Water Pressure		32 ROCKINGSTONE DR, SAINT JOHN, NB
May 4, 2022 2:59:04 PM	WTR - No Water (Residential / Commercial Customer)		26 ORANGE ST, SAINT JOHN, NB
May 5, 2022 2:36:06 PM	WTR - Water Quality Complaint	Fort Latour management requests potable water testing from the washrooms on site	4 NAVY WY, SAINT JOHN, NB
May 6, 2022 9:32:16 AM	WTR - Water Quality Complaint		517 EARLE AV, SAINT JOHN, NB
May 6, 2022 4:01:14 PM	WTR - Water Quality Complaint	Received an email: Hello, I run an aquarium business and over the past week many of our shrimp have died. We have not changed anything in our routine, so I was wondering if there are any additives or issues with the city water supply we should be aware of? We normally do water changes weekly but are afraid that the issue is with the municipal supply.	212 DUKE ST, SAINT JOHN, NB
May 8, 2022 6:56:13 AM	WTR - Low Water Pressure	Lady called low water pressure as of yesterday 3:00	206 TARTAN ST, SAINT JOHN, NB
May 11, 2022 2:51:40 PM	WTR - Low Water Pressure	Customer says lateral possibly not hooked up properly	20 DEERWOOD PL, SAINT JOHN, NB
May 18, 2022 3:24:42 PM	WTR - Water Quality Complaint		134 CHURCH AV, SAINT JOHN, NB
May 19, 2022 3:21:31 PM	WTR - Water Quality Complaint		119 CHURCH AV, SAINT JOHN, NB
May 27, 2022 9:16:20 AM	WTR - Water Quality Complaint		73 TOPEKA ST, SAINT JOHN, NB
May 27, 2022 2:03:18 PM	WTR - No Water (Residential / Commercial Customer)	Houses on either side; customer checked with neighbour and they also have no water	317 TARTAN ST, SAINT JOHN, NB
Jun 1, 2022 3:31:11 PM	WTR - Water Quality Complaint		2457 CANDACE ST, SAINT JOHN, NB
Jun 2, 2022 1:26:11 PM	WTR - Water Quality Complaint		278 DUKE STW, SAINT JOHN, NB
Jun 7, 2022 10:08:42 AM	WTR - No Water (Residential / Commercial Customer)		85 RUE WATER, SAINT JOHN, NB
Jun 8, 2022 10:47:57 AM	WTR - Low Water Pressure	Sprinkler issue not faucet *  Call customer*	475 WOODWARD AV, SAINT JOHN, NB
Jun 14, 2022 12:47:54 PM	WTR - No Water (Residential / Commercial Customer)		112 WENTWORTH ST, SAINT JOHN, NB
Jun 18, 2022 12:13:02 PM	WTR - No Water (Residential / Commercial Customer)		112 WENTWORTH ST, SAINT JOHN, NB
Jun 20, 2022 10:09:03 AM	WTR - Low Water Pressure		212 PRINCESS ST, SAINT JOHN, NB
Jun 21, 2022 3:38:26 PM	WTR - Water Quality Complaint	Customer says we can call him if we want.	33 ACORN DR, SAINT JOHN, NB
Jun 23, 2022 8:40:22 AM	WTR - Water Quality Complaint	Customer wishes to have water checked after noticing particulate material in the cold water. He is doing a house renovation including the plumbing.	11 SILVERSTONE ST, SAINT JOHN, NB
Jun 23, 2022 3:40:45 PM	WTR - No Water (Residential / Commercial Customer)	Related to leak found regarding SR 22-00021405. Additional SR created by recommendation of Jason LeClerc.	55 DORCHESTER ST, SAINT JOHN, NB
Jul 1, 2022 6:28:20 PM	WTR - No Water (Residential / Commercial Customer)		55 GIFFORD RD, SAINT JOHN, NB
Jul 4, 2022 9:21:05 AM	WTR - No Water (Residential / Commercial Customer)		322 MANCHESTER AV, SAINT JOHN, NB
Jul 5, 2022 8:59:05 AM	WTR - No Water (Residential / Commercial Customer)	Was planned water outage construction in the area. Notices were passed out last Thursday or Friday.	134 MECKLENBURG ST, SAINT JOHN, NB
Jul 6, 2022 9:44:46 AM	WTR - Water Quality Complaint	see attached photos	232 RODERICK RW, SAINT JOHN, NB
Jul 7, 2022 3:29:07 PM	WTR - Water Quality Complaint	Customer called the lab directly seeking testing done for their water filter. Request OK'd by Pierre LeBlanc	11 CORSICA CT, SAINT JOHN, NB
Jul 8, 2022 11:04:04 AM	WTR - Water Quality Complaint		200 OSBORNE AV, SAINT JOHN, NB
Jul 11, 2022 8:41:50 AM	WTR - Water Quality Complaint		115 ELLIOTT RW, SAINT JOHN, NB



Jul 11, 2022 10:47:46 AM	WTR - Low Water Pressure		107 DOROTHEA DR, SAINT JOHN, NB
Jul 18, 2022 2:45:54 PM	WTR - No Water (Residential / Commercial Customer)		106 PARKS STEX, SAINT JOHN, NB
Jul 18, 2022 3:47:36 PM	WTR - No Water (Residential / Commercial Customer)	dig at watermain to possibly "Rod" Watermain.	115 RIVERVIEW DR, SAINT JOHN, NB
Jul 22, 2022 9:00:35 AM	WTR - Low Water Pressure		15 PRINCE EDWARD ST, SAINT JOHN, NB
Aug 2, 2022 2:34:53 PM	WTR - Low Water Pressure	They have had a plumber in working on their bathroom and he mentioned the low water pressure. The plumber pointed out the box in the basement where the water was coming into the house from is very old and will probably need replacing. If you call and there is no answer leave a voicemail.	227 GOLDEN GROVE RD, SAINT JOHN, NB
Aug 3, 2022 8:31:49 PM	WTR - Water Quality Complaint		23 DOLLY DR, SAINT JOHN, NB
Aug 9, 2022 8:49:32 PM	WTR - Low Water Pressure		181 MCNAMARA DR, SAINT JOHN, NB
Aug 10, 2022 11:37:03 AM	WTR - Low Water Pressure	Property owner is: Stephan Cormier	158 MECKLENBURG ST, SAINT JOHN, NB
Aug 11, 2022 12:30:01 PM	WTR - No Water (Residential / Commercial Customer)		60 POKIOK RD, SAINT JOHN, NB
Aug 11, 2022 12:55:34 PM	WTR - No Water (Residential / Commercial Customer)		13 BELLEVIEW AV, SAINT JOHN, NB
Aug 17, 2022 9:37:17 AM	WTR - Low Water Pressure	Deemed an internal issue.	2 UNION ST, SAINT JOHN, NB
Aug 19, 2022 11:52:32 AM	WTR - Low Water Pressure		416 BAY ST, SAINT JOHN, NB
Aug 21, 2022 11:30:18 AM	WTR - Low Water Pressure		62 SAINT ANNE ST, SAINT JOHN, NB
Aug 22, 2022 9:36:34 AM	WTR - Low Water Pressure	Requested afternoon after lunch - as that when is he will be home.	258 PRINCE WILLIAM ST, SAINT JOHN, NB
Aug 22, 2022 5:48:44 PM	WTR - No Water (Residential / Commercial Customer)		75 CONIFER CR, SAINT JOHN, NB
Aug 23, 2022 10:42:25 AM	WTR - Low Water Pressure	Nancy lives upstairs and the main problem is downstairs.	747 BONNER PL, SAINT JOHN, NB
Aug 24, 2022 1:31:57 PM	WTR - Water Quality Complaint		405 COLDBROOK CR, SAINT JOHN, NB
Aug 25, 2022 11:04:43 AM	WTR - Water Quality Complaint		557 YOUNG ST, SAINT JOHN, NB
Sep 12, 2022 2:23:16 PM	WTR - Low Water Pressure	He lives at in the granny suite (15 1/2 Alpine St). He has low water pressure when his daughter does laundry or has a shower on the other part of the main house.	15 ALPINE ST, SAINT JOHN, NB
Sep 22, 2022 9:03:34 AM	WTR - Low Water Pressure		112 QUEEN STW, SAINT JOHN, NB
Sep 23, 2022 3:46:02 PM	WTR - Low Water Pressure	resident called back- he discovered it is on him and calling a plumber	31 LONGVIEW CT, SAINT JOHN, NB
Sep 27, 2022 1:48:18 PM	WTR - Low Water Pressure		180 GERMAIN ST, SAINT JOHN, NB
Sep 27, 2022 1:53:28 PM	WTR - No Water (Residential / Commercial Customer)		638 MANAWAGONISH RD, SAINT JOHN, NB
Oct 5, 2022 12:07:24 PM	WTR - No Water (Residential / Commercial Customer)	water dept is doing work there reason why water is off	327 WESTMORLAND RD, SAINT JOHN, NB
Oct 5, 2022 3:15:55 PM	WTR - Water Quality Complaint		902 MCCAVOUR DR, SAINT JOHN, NB
Oct 6, 2022 6:40:04 PM	WTR - Low Water Pressure	lower water pressure they where doing work inside	37 SAINT ANNE ST, SAINT JOHN, NB
Oct 7, 2022 8:17:47 AM	WTR - No Water (Residential / Commercial Customer)	Contractor planned water shut off. Water turned on this building has an issue .	21 LOWER COVE LP, SAINT JOHN, NB
Oct 7, 2022 9:56:50 AM	WTR - Water Quality Complaint	Good afternoon,  I live in the west side of the city served by the well field off of Downsview ave. The last few days I have noticed a big difference in the hardness of the water, there is no lather when washing and when doing dishes there is no soap foaming at all. Before this it was tolerable, but the water is extremely hard the last few days.	29 ACORN DR, SAINT JOHN, NB
Oct 12, 2022 12:46:53 PM	WTR - Low Water Pressure	Pressure comes and goes throughout the day	117 HARBARY TR, SAINT JOHN, NB
Oct 13, 2022 10:29:16 AM	WTR - Low Water Pressure	Shower head and Kitchen sink - dirt / low water pressure need a plumber	228 QUEEN ST, SAINT JOHN, NB
Oct 14, 2022 10:26:08 AM	WTR - Low Water Pressure	Leak on Water Service. Dispatch Work crew repaired leak the same day.	26 BOYANER CR, SAINT JOHN, NB
Oct 17, 2022 8:59:31 AM	WTR - Water Quality Complaint		250 SOMERSET ST, SAINT JOHN, NB
Oct 20, 2022 12:57:13 PM	WTR - Low Water Pressure	Internal issue on homeowner	253 PRINCESS ST, SAINT JOHN, NB
Nov 1, 2022 1:30:08 PM	WTR - Low Water Pressure	Leota Basque 306-240-0779	62 WESTMORLAND RD, SAINT JOHN, NB
Nov 12, 2022 2:31:38 PM	WTR - No Water (Residential / Commercial Customer)		186 PRINCESS ST, SAINT JOHN, NB
Nov 21, 2022 9:42:13 AM	WTR - Low Water Pressure		444 ELMORE CR, SAINT JOHN, NB
Nov 21, 2022 4:40:29 PM	WTR - Low Water Pressure	Citizen said its becoming unbearable.	854 MANAWAGONISH RD, SAINT JOHN, NB
Nov 23, 2022 4:51:00 PM	WTR - Low Water Pressure	The city did some work to the pipes out front of this property 2 to 3 weeks ago and pressure is low and now, extremely low	444 ELMORE CR, SAINT JOHN, NB
Nov 28, 2022 4:04:05 PM	WTR - No Water (Residential / Commercial Customer)	Called 431 who said there was an issue on this street yesterday. They are going to check it out anyways to make sure all is well.	861 GRANDVIEW AV, SAINT JOHN, NB
Nov 29, 2022 12:50:38 PM	WTR - No Water (Residential / Commercial Customer)		206 KING STW, SAINT JOHN, NB
Nov 29, 2022 5:55:03 PM	WTR - Water Quality Complaint		858 GRANDVIEW AV, SAINT JOHN, NB
Nov 29, 2022 5:58:43 PM	WTR - Low Water Pressure		471 PLEASANT ST, SAINT JOHN, NB
Dec 22, 2022 3:51:34 PM	WTR - Water Quality Complaint		16 GREGORY PL, SAINT JOHN, NB

Dec 28, 2022 9:43:23 AM

WTR - Water Quality Complaint

water comes out brown. The landlord is calling on behalf of all the tenants. Would like a call back if possible

155 MYSTERY LAKE DR, SAINT JOHN, NB

Jun 7, 2023

- 1 -

2:54:38 PM



## Appendix Q

2022 THM, HAA, TOC, DOC, Turbidity,  
Temperature and UVT Data

<b>Distribution Total Haloacetic Acids (HAA's) 2022</b> MAC = 80 µg/L				
	January 17, 2022 (µg/L)	April 11, 2022 (µg/L)	July 11, 2022 (µg/L)	October 24, 2022 (µg/L)
<b>Sampling Point (EAST)</b>				
Operations Complex, 175 Rothesay Avenue	38.1	49.9	34.4	39.4
Park Drive, 36 Kennebecasis Park	58.9	51.9	46.7	46.8
PRV 109 - Kennebecasis Drive, 1240	34.9	41.7	51.5	53.4
PS - Lakewood, Line 2, 37 Fish Hatchery Rd	28.8	27.9	30.0	28.4
Ryerson Metals Inc., 2 Whitebone Way	46.3	35.8	51.7	50.0
Wastewater Treatment Plant, 700 Woodward Avenue	35.1	37.4	58.5	51.9
PS - University Avenue, 399 University Ave	36.7	37.5	38.5	48.0
Charlotte Street, 300 (Greybar)	38.3	38.3	51.7	40.9
PS - Champlain Heights, 784 Loch Lomond Road	30.0	28.8	30.5	29.6
PS - Somerset Street, 510 Somerset St	34.0	35.2	45.6	38.1
<b>Sampling Point (WEST)</b>				
Carleton Community Centre, 89 Market Place	39.1	38.0	41.8	41.8
Doiron's Sport's Excellence, 31 Greenhead Road	37.8	35.8	35.9	39.3
Fundy Heights Convenience Store, 658 Dunn Avenue	34.6	34.4	36.0	39.7
Fundy Linen, 320 King William Road	< 5.3	< 5.3	< 5.3	< 5.3
Tank - Churchill Heights, 45 Ocean Court	< 5.3	< 5.3	< 5.3	< 5.3
PS Bridge Road, 435 Riverview Drive	28.9	33.5	43.0	43.5
Ridgewood Lift Station, 410 Bay Street	< 5.3	< 5.3	< 5.3	< 5.3
Fairville Boulevard, 800 (Subway)	39.1	38.0	54.5	39.1
Sand Cove Road, 1216 (SJLS)	38.0	41.2	55.0	42.0
Travelodge Suites, 1011 Fairville Boulevard	< 5.3	< 5.3	< 5.3	< 5.3
<b>Sampling Point (Harbourview)</b>				
Aberdeen Avenue, 132	< 5.3	< 5.3	< 5.3	< 5.3
Eden Street, 79	< 5.3	< 5.3	< 5.3	< 5.3

<b>Distribution Total Trihalomethanes (THM's) 2022</b> MAC = 100 µg/L				
	January 17, 2022 (µg/L)	April 11, 2022 (µg/L)	July 11, 2022 (µg/L)	October 24, 2022 (µg/L)
<b>Sampling Point (EAST)</b>				
Operations Complex, 175 Rothesay Avenue	23.0	47.0	37.0	37.0
Park Drive, 36 Kennebecasis Park	50.0	50.0	77.0	86.0
PRV 109 - Kennebecasis Drive, 1240	31.0	41.0	65.0	52.0
PS - Lakewood, Line 2, 37 Fish Hatchery Rd	18.0	22.0	38.0	28.0
Ryerson Metals Inc., 2 Whitebone Way	30.0	29.0	71.0	54.0
Wastewater Treatment Plant, 700 Woodward Avenue	28.0	33.0	70.0	49.0
PS - University Avenue, 399 University Ave	24.0	31.0	52.0	54.0
Charlotte Street, 300 (Greybar)	27.0	34.0	71.0	46.0
PS - Champlain Heights, 784 Loch Lomond Road	18.0	23.0	40.0	29.0
PS - Somerset Street, 510 Somerset St	22.0	28.0	51.0	39.0
<b>Sampling Point (WEST)</b>				
Carleton Community Centre, 89 Market Place	27.0	34.0	61.0	53.0
Doiron's Sport's Excellence, 31 Greenhead Road	28.0	34.0	59.0	46.0
Fundy Heights Convenience Store, 658 Dunn Avenue	23.0	29.0	46.0	37.0
Fundy Linen, 320 King William Road	3.7	3.1	2.9	4.6
Tank - Churchill Heights, 45 Ocean Court	6.3	6.5	5.8	7.8
PS Bridge Road, 435 Riverview Drive	22.0	26.0	49.0	40.0
Ridgewood Lift Station, 410 Bay Street	8.1	6.8	7.1	14.0
Fairville Boulevard, 800 (Subway)	29.0	35.0	64.0	49.0
Sand Cove Road, 1216 (SJLS)	34.0	43.0	74.0	64.0
Travelodge Suites, 1011 Fairville Boulevard	5.6	5.4	7.1	8.4
<b>Sampling Point (Harbourview)</b>				
Aberdeen Avenue, 132	0.9	<0.4	3.6	3.9
Eden Street, 79	0.9	<0.4	1.5	3.4

**Total Organic Carbon (TOC) 2022**

Date	Latimer Lake (mg/L)	Spruce Lake (mg/L)	Southbay Well #1 (mg/L)	Southbay Well #2 (mg/L)	Southbay Well #3 (mg/L)
Jan-22	5	5	< 1	< 1	< 1
Apr-22	5	5	< 1	< 1	< 1
Jul-22	5	4	< 1	< 1	1
Oct-22	4	5	< 1	< 1	< 1

**Dissolved Organic Carbon (DOC) 2022**

Date	Latimer Lake (mg/L)	Spruce Lake (mg/L)	Southbay Well #1 (mg/L)	Southbay Well #2 (mg/L)	Southbay Well #3 (mg/L)
Jan-22	5	5	< 1	< 1	< 1
Apr-22	5	5	< 1	< 1	< 1
Jul-22	5	5	1	1	1
Oct-22	4	5	< 1	< 1	< 1

## Latimer Lake Turbidity 2022

Date	Latimer Line A	Date	Latimer Line B	Date	Latimer Line C
4-Jan-22	0.81	4-Jan-22	0.89	4-Jan-22	0.92
4-Jan-22	0.94	4-Jan-22	0.93	4-Jan-22	1.14
5-Jan-22	0.92	5-Jan-22	0.97	5-Jan-22	0.96
6-Jan-22	0.92	6-Jan-22	0.98	6-Jan-22	0.94
10-Jan-22	0.85	10-Jan-22	0.89	10-Jan-22	0.87
11-Jan-22	0.70	11-Jan-22	0.75	11-Jan-22	0.83
11-Jan-22	0.91	11-Jan-22	1.00	11-Jan-22	1.02
12-Jan-22	0.90	12-Jan-22	0.94	12-Jan-22	0.88
13-Jan-22	0.83	13-Jan-22	1.03	13-Jan-22	0.77
14-Jan-22	0.84	14-Jan-22	0.90	14-Jan-22	0.77
17-Jan-22	0.81	17-Jan-22	0.88	17-Jan-22	0.87
18-Jan-22	0.72	18-Jan-22	0.82	18-Jan-22	0.90
18-Jan-22	0.82	18-Jan-22	0.85	18-Jan-22	1.01
19-Jan-22	0.80	19-Jan-22	0.83	19-Jan-22	0.89
20-Jan-22	0.78	20-Jan-22	0.78	20-Jan-22	1.31
21-Jan-22	0.76	21-Jan-22	0.73	21-Jan-22	0.82
24-Jan-22	0.83	24-Jan-22	0.76	24-Jan-22	0.78
25-Jan-22	0.84	25-Jan-22	0.71	25-Jan-22	0.76
25-Jan-22	0.91	25-Jan-22	0.85	25-Jan-22	0.84
27-Jan-22	0.83	27-Jan-22	0.75	27-Jan-22	0.77
28-Jan-22	0.81	28-Jan-22	0.73	28-Jan-22	0.83
31-Jan-22	0.98	31-Jan-22	0.79	31-Jan-22	1.00
1-Feb-22	0.67	1-Feb-22	0.66	1-Feb-22	0.80
1-Feb-22	0.86	1-Feb-22	1.04	1-Feb-22	0.79
2-Feb-22	0.78	2-Feb-22	1.04	2-Feb-22	1.35
3-Feb-22	0.88	3-Feb-22	1.39	3-Feb-22	1.47
4-Feb-22	0.86	4-Feb-22	0.83	4-Feb-22	0.70
7-Feb-22	0.78	7-Feb-22	0.79	7-Feb-22	0.77
8-Feb-22	0.74	8-Feb-22	0.99	8-Feb-22	0.71
8-Feb-22	0.81	8-Feb-22	0.93	8-Feb-22	0.95
9-Feb-22	0.79	9-Feb-22	0.91	9-Feb-22	0.86
10-Feb-22	0.86	10-Feb-22	0.83	10-Feb-22	0.80
11-Feb-22	0.70	11-Feb-22	0.73	11-Feb-22	0.77
14-Feb-22	0.64	14-Feb-22	0.75	14-Feb-22	0.61
15-Feb-22	0.59	15-Feb-22	0.60	15-Feb-22	0.63
15-Feb-22	0.72	15-Feb-22	0.66	15-Feb-22	0.82
16-Feb-22	0.65	16-Feb-22	0.70	16-Feb-22	0.65
17-Feb-22	0.79	17-Feb-22	0.88	17-Feb-22	0.83
18-Feb-22	0.70	18-Feb-22	0.67	18-Feb-22	0.74
22-Feb-22	0.71	22-Feb-22	0.60	22-Feb-22	0.68
22-Feb-22	0.70	22-Feb-22	0.69	22-Feb-22	0.86
23-Feb-22	0.63	23-Feb-22	0.70	23-Feb-22	0.68
24-Feb-22	0.69	24-Feb-22	0.72	24-Feb-22	0.64
25-Feb-22	0.62	25-Feb-22	0.68	25-Feb-22	0.63
28-Feb-22	0.72	28-Feb-22	0.81	28-Feb-22	0.90
1-Mar-22	0.66	1-Mar-22	0.60	1-Mar-22	0.66
1-Mar-22	0.67	1-Mar-22	0.75	1-Mar-22	1.16
2-Mar-22	1.01	2-Mar-22	0.91	2-Mar-22	0.89
3-Mar-22	0.73	3-Mar-22	0.75	3-Mar-22	0.72
4-Mar-22	0.87	4-Mar-22	0.93	4-Mar-22	0.66
7-Mar-22	0.79	7-Mar-22	0.94	7-Mar-22	0.83

## Latimer Lake Turbidity 2022

Date	Latimer Line A	Date	Latimer Line B	Date	Latimer Line C
8-Mar-22	0.52	8-Mar-22	0.61	8-Mar-22	0.64
8-Mar-22	0.70	8-Mar-22	0.74	8-Mar-22	1.09
9-Mar-22	0.91	9-Mar-22	0.86	9-Mar-22	0.92
10-Mar-22	0.90	10-Mar-22	0.95	10-Mar-22	0.92
11-Mar-22	0.84	11-Mar-22	0.95	11-Mar-22	0.87
14-Mar-22	0.69	14-Mar-22	0.70	14-Mar-22	0.84
15-Mar-22	0.55	15-Mar-22	0.53	15-Mar-22	0.94
15-Mar-22	0.79	15-Mar-22	0.74	15-Mar-22	0.92
16-Mar-22	0.67	16-Mar-22	0.72	16-Mar-22	0.84
17-Mar-22	0.95	17-Mar-22	0.83	17-Mar-22	0.77
18-Mar-22	0.97	18-Mar-22	0.99	18-Mar-22	1.21
21-Mar-22	0.81	21-Mar-22	0.99	21-Mar-22	0.89
22-Mar-22	0.69	22-Mar-22	0.67	22-Mar-22	0.55
22-Mar-22	0.80	22-Mar-22	0.91	22-Mar-22	0.88
23-Mar-22	0.73	23-Mar-22	0.78	23-Mar-22	0.76
24-Mar-22	0.73	24-Mar-22	0.83	24-Mar-22	1.07
25-Mar-22	0.88	25-Mar-22	0.86	25-Mar-22	0.92
29-Mar-22	0.71	29-Mar-22	0.66	29-Mar-22	0.64
29-Mar-22	0.73	29-Mar-22	0.93	29-Mar-22	0.66
30-Mar-22	0.65	30-Mar-22	0.88	30-Mar-22	0.82
31-Mar-22	0.72	31-Mar-22	0.76	31-Mar-22	0.80
1-Apr-22	0.77	1-Apr-22	0.76	1-Apr-22	1.17
4-Apr-22	0.80	4-Apr-22	0.93	4-Apr-22	0.68
5-Apr-22	0.58	5-Apr-22	0.58	5-Apr-22	0.70
5-Apr-22	0.72	5-Apr-22	0.73	5-Apr-22	0.94
6-Apr-22	0.97	6-Apr-22	0.84	6-Apr-22	0.88
7-Apr-22	0.84	7-Apr-22	0.90	7-Apr-22	0.91
8-Apr-22	0.87	8-Apr-22	0.94	8-Apr-22	0.89
11-Apr-22	0.98	11-Apr-22	0.86	11-Apr-22	0.89
12-Apr-22	0.74	12-Apr-22	0.73	12-Apr-22	0.80
12-Apr-22	0.76	12-Apr-22	0.75	12-Apr-22	0.80
13-Apr-22	0.89	13-Apr-22	0.69	13-Apr-22	0.87
14-Apr-22	0.82	14-Apr-22	0.75	14-Apr-22	0.77
19-Apr-22	0.85	19-Apr-22	0.72	19-Apr-22	0.77
19-Apr-22	0.82	19-Apr-22	1.21	19-Apr-22	1.12
20-Apr-22	1.11	20-Apr-22	0.91	20-Apr-22	0.90
21-Apr-22	1.02	21-Apr-22	1.04	21-Apr-22	0.98
22-Apr-22	0.97	22-Apr-22	1.12	22-Apr-22	1.08
25-Apr-22	0.91	25-Apr-22	1.15	25-Apr-22	1.14
26-Apr-22	0.84	26-Apr-22	0.92	26-Apr-22	0.97
26-Apr-22	0.90	26-Apr-22	0.98	26-Apr-22	0.81
27-Apr-22	0.89	27-Apr-22	1.00	27-Apr-22	0.83
28-Apr-22	0.90	28-Apr-22	0.94	28-Apr-22	0.97
29-Apr-22	1.01	29-Apr-22	0.98	29-Apr-22	1.07
2-May-22	0.93	2-May-22	0.90	2-May-22	1.03
3-May-22	0.85	3-May-22	0.75	3-May-22	0.42
3-May-22	0.94	3-May-22	0.90	3-May-22	1.03
5-May-22	0.93	5-May-22	1.02	5-May-22	0.97
6-May-22	0.88	6-May-22	1.20	6-May-22	1.00
9-May-22	1.02	9-May-22	1.09	9-May-22	0.93
10-May-22	0.80	10-May-22	1.03	10-May-22	0.85

## Latimer Lake Turbidity 2022

Date	Latimer Line A	Date	Latimer Line B	Date	Latimer Line C
10-May-22	0.98	10-May-22	0.86	10-May-22	0.84
11-May-22	0.87	11-May-22	1.04	11-May-22	1.10
12-May-22	1.09	12-May-22	1.09	12-May-22	0.87
13-May-22	0.88	13-May-22	1.00	13-May-22	0.89
16-May-22	0.76	16-May-22	0.95	16-May-22	0.86
17-May-22	0.72	17-May-22	0.77	17-May-22	0.73
17-May-22	0.83	17-May-22	0.92	17-May-22	0.84
18-May-22	0.92	18-May-22	1.01	18-May-22	0.88
19-May-22	0.76	19-May-22	0.80	19-May-22	0.79
20-May-22	0.96	20-May-22	0.77	20-May-22	0.79
24-May-22	0.62	24-May-22	0.75	24-May-22	0.80
24-May-22	0.87	24-May-22	0.80	24-May-22	0.68
25-May-22	1.06	25-May-22	0.68	25-May-22	0.77
26-May-22	1.06	26-May-22	0.89	26-May-22	0.80
27-May-22	1.01	27-May-22	0.85	27-May-22	0.76
30-May-22	1.03	30-May-22	0.86	30-May-22	0.66
31-May-22	0.84	31-May-22	0.73	31-May-22	0.65
31-May-22	1.10	31-May-22	0.99	31-May-22	0.92
1-Jun-22	0.87	1-Jun-22	0.91	1-Jun-22	0.83
2-Jun-22	1.19	2-Jun-22	0.78	2-Jun-22	0.69
3-Jun-22	0.75	3-Jun-22	0.91	3-Jun-22	1.07
6-Jun-22	0.89	6-Jun-22	0.93	6-Jun-22	0.76
7-Jun-22	1.01	7-Jun-22	0.70	7-Jun-22	0.66
7-Jun-22	1.00	7-Jun-22	0.78	7-Jun-22	0.80
8-Jun-22	0.83	8-Jun-22	0.85	8-Jun-22	0.85
9-Jun-22	0.82	9-Jun-22	0.77	9-Jun-22	0.73
10-Jun-22	1.19	10-Jun-22	1.15	10-Jun-22	0.87
14-Jun-22	1.20	14-Jun-22	0.95	14-Jun-22	1.14
14-Jun-22	1.04	14-Jun-22	0.94	14-Jun-22	0.76
15-Jun-22	0.91	15-Jun-22	0.86	15-Jun-22	0.81
16-Jun-22	0.86	16-Jun-22	0.90	16-Jun-22	0.99
No sample	to analyzer	21-Jun-22	0.98	21-Jun-22	1.07
		22-Jun-22	1.13	22-Jun-22	1.18
		23-Jun-22	1.48	23-Jun-22	0.68
		24-Jun-22	0.79	24-Jun-22	0.66
		27-Jun-22	0.92	27-Jun-22	0.67
		28-Jun-22	0.94	28-Jun-22	0.81
		28-Jun-22	1.20	28-Jun-22	0.81
		29-Jun-22	0.88	29-Jun-22	0.77
		30-Jun-22	0.87	30-Jun-22	0.89
		4-Jul-22	0.61	4-Jul-22	0.71
		5-Jul-22	1.22	5-Jul-22	0.73
		5-Jul-22	0.78	5-Jul-22	0.65
		6-Jul-22	0.72	6-Jul-22	0.64
		7-Jul-22	0.74	7-Jul-22	0.72
		8-Jul-22	0.84	8-Jul-22	0.70
		11-Jul-22	0.66	11-Jul-22	0.78
		12-Jul-22	0.72	12-Jul-22	0.58
		12-Jul-22	0.64	12-Jul-22	0.55
		13-Jul-22	0.58	13-Jul-22	0.53
		14-Jul-22	0.63	14-Jul-22	0.63

## Latimer Lake Turbidity 2022

Date	Latimer Line A	Date	Latimer Line B	Date	Latimer Line C
		15-Jul-22	0.53	15-Jul-22	0.56
		18-Jul-22	0.55	18-Jul-22	0.61
		19-Jul-22	0.70	19-Jul-22	0.52
		19-Jul-22	0.69	19-Jul-22	0.53
		20-Jul-22	0.64	20-Jul-22	0.58
		21-Jul-22	0.57	21-Jul-22	0.54
		22-Jul-22	0.71	22-Jul-22	0.77
		25-Jul-22	0.84	25-Jul-22	0.57
		26-Jul-22	0.86	26-Jul-22	0.51
		26-Jul-22	0.59	26-Jul-22	0.59
		27-Jul-22	0.73	27-Jul-22	0.61
		29-Jul-22	0.63	29-Jul-22	0.58
		2-Aug-22	1.12	2-Aug-22	0.57
		2-Aug-22	0.49	2-Aug-22	0.48
		3-Aug-22	0.68	3-Aug-22	0.50
		4-Aug-22	0.81	4-Aug-22	0.65
		5-Aug-22	0.53	5-Aug-22	0.49
		8-Aug-22	0.58	8-Aug-22	0.69
		9-Aug-22	0.55	9-Aug-22	0.59
		9-Aug-22	0.35	9-Aug-22	0.36
		10-Aug-22	0.78	10-Aug-22	0.55
		11-Aug-22	0.50	11-Aug-22	0.48
		12-Aug-22	0.67	12-Aug-22	0.68
		15-Aug-22	0.67	15-Aug-22	0.61
		16-Aug-22	0.37	16-Aug-22	0.42
		16-Aug-22	0.71	16-Aug-22	0.67
		17-Aug-22	0.61	17-Aug-22	0.66
		18-Aug-22	0.70	18-Aug-22	0.64
		19-Aug-22	0.68	19-Aug-22	0.72
		22-Aug-22	0.55	22-Aug-22	0.51
		23-Aug-22	0.65	23-Aug-22	0.48
		23-Aug-22	0.41	23-Aug-22	0.33
		24-Aug-22	0.61	24-Aug-22	0.59
		25-Aug-22	0.57	25-Aug-22	0.53
		26-Aug-22	0.52	26-Aug-22	0.48
		29-Aug-22	0.54	29-Aug-22	0.51
		30-Aug-22	0.36	30-Aug-22	0.42
		30-Aug-22	0.61	30-Aug-22	0.86
		31-Aug-22	0.66	31-Aug-22	0.52
		1-Sep-22	0.53	1-Sep-22	0.59
		2-Sep-22	0.40	2-Sep-22	0.58
		6-Sep-22	0.66	6-Sep-22	0.47
		6-Sep-22	0.57	6-Sep-22	0.74
		7-Sep-22	0.64	7-Sep-22	0.63
		8-Sep-22	0.39	8-Sep-22	0.44
		9-Sep-22	0.64	9-Sep-22	0.48
		12-Sep-22	0.56	12-Sep-22	0.48
		13-Sep-22	0.44	13-Sep-22	0.56
		14-Sep-22	0.79	14-Sep-22	0.53
		15-Sep-22	0.71	15-Sep-22	0.55
		16-Sep-22	0.48	16-Sep-22	0.50

## Latimer Lake Turbidity 2022

Date	Latimer Line A	Date	Latimer Line B	Date	Latimer Line C
		19-Sep-22	0.40	19-Sep-22	0.46
		20-Sep-22	0.55	20-Sep-22	0.40
		21-Sep-22	0.48	21-Sep-22	0.50
		22-Sep-22	0.51	22-Sep-22	0.65
		23-Sep-22	0.61	23-Sep-22	0.47
		26-Sep-22	0.61	26-Sep-22	0.54
		27-Sep-22	0.54	27-Sep-22	0.49
		28-Sep-22	0.64	28-Sep-22	0.48
		29-Sep-22	0.63	29-Sep-22	0.51
		3-Oct-22	0.45	3-Oct-22	0.54
		4-Oct-22	0.67	4-Oct-22	0.50
		4-Oct-22	0.58	4-Oct-22	0.76
		5-Oct-22	0.86	5-Oct-22	0.60
		7-Oct-22	0.65	7-Oct-22	0.68
		11-Oct-22	0.55	11-Oct-22	0.51
		11-Oct-22	0.58	11-Oct-22	0.46
		12-Oct-22	0.55	12-Oct-22	0.55
13-Oct-22	0.78	13-Oct-22	0.70	13-Oct-22	0.55
14-Oct-22	0.85	14-Oct-22	0.77	14-Oct-22	0.87
17-Oct-22	0.81	17-Oct-22	0.76	17-Oct-22	0.56
18-Oct-22	0.84	18-Oct-22	0.60	18-Oct-22	0.55
18-Oct-22	0.49	18-Oct-22	0.72	18-Oct-22	0.50
19-Oct-22	0.88	19-Oct-22	0.54	19-Oct-22	0.72
20-Oct-22	0.83	20-Oct-22	0.55	20-Oct-22	0.54
21-Oct-22	0.8	21-Oct-22	0.61	21-Oct-22	0.65
24-Oct-22	0.8	24-Oct-22	0.70	24-Oct-22	0.75
25-Oct-22	0.57	25-Oct-22	1.44	25-Oct-22	0.69
25-Oct-22	1.03	25-Oct-22	0.70	25-Oct-22	0.75
26-Oct-22	0.83	26-Oct-22	0.65	26-Oct-22	0.64
27-Oct-22	0.88	27-Oct-22	0.57	27-Oct-22	0.62
28-Oct-22	0.74	28-Oct-22	0.63	28-Oct-22	0.56
31-Oct-22	0.8	31-Oct-22	0.66	31-Oct-22	0.64
1-Nov-22	0.91	1-Nov-22	0.72	1-Nov-22	0.69
1-Nov-22	0.83	1-Nov-22	0.75	1-Nov-22	0.92
2-Nov-22	0.81	2-Nov-22	0.69	2-Nov-22	0.61
3-Nov-22	0.85	3-Nov-22	0.90	3-Nov-22	0.77
4-Nov-22	0.92	4-Nov-22	0.97	4-Nov-22	0.96
7-Nov-22	1.07	7-Nov-22	1.19	7-Nov-22	1.33
8-Nov-22	1.01	8-Nov-22	0.76	8-Nov-22	0.77
8-Nov-22	1.18	8-Nov-22	1.04	8-Nov-22	1.00
9-Nov-22	1.04	9-Nov-22	0.94	9-Nov-22	0.93
10-Nov-22	0.9	10-Nov-22	1.04	10-Nov-22	1.10
14-Nov-22	1.23	14-Nov-22	1.36	14-Nov-22	1.66
15-Nov-22	1.36	15-Nov-22	1.06	15-Nov-22	1.17
15-Nov-22	1.18	15-Nov-22	0.93	15-Nov-22	1.10
16-Nov-22	1.24	16-Nov-22	1.04	16-Nov-22	0.90
17-Nov-22	1.17	17-Nov-22	0.98	17-Nov-22	1.24
18-Nov-22	1.39	18-Nov-22	1.14	18-Nov-22	1.03
21-Nov-22	1.13	21-Nov-22	0.98	21-Nov-22	0.94
22-Nov-22	1.15	22-Nov-22	1.01	22-Nov-22	1.20
22-Nov-22	1.19	22-Nov-22	0.99	22-Nov-22	1.01



## Latimer Lake Turbidity 2022

Date	Latimer Line A	Date	Latimer Line B	Date	Latimer Line C
23-Nov-22	1.09	23-Nov-22	0.90	23-Nov-22	1.15
24-Nov-22	1.19	24-Nov-22	0.92	24-Nov-22	1.19
25-Nov-22	1.1	25-Nov-22	0.97	25-Nov-22	0.92
28-Nov-22	1.19	28-Nov-22	1.03	28-Nov-22	1.57
29-Nov-22	1.35	29-Nov-22	1.07	29-Nov-22	0.86
29-Nov-22	1.07	29-Nov-22	0.89	29-Nov-22	0.97
30-Nov-22	1.12	30-Nov-22	0.97	30-Nov-22	1.17
1-Dec-22	1.05	1-Dec-22	0.88	1-Dec-22	0.95
2-Dec-22	1.11	2-Dec-22	0.97	2-Dec-22	1.27
5-Dec-22	1.12	5-Dec-22	1.02	5-Dec-22	1.04
6-Dec-22	1.11	6-Dec-22	0.95	6-Dec-22	0.98
6-Dec-22	1.11	6-Dec-22	0.99	6-Dec-22	1.28
7-Dec-22	1.25	7-Dec-22	1.41	7-Dec-22	1.37
8-Dec-22	1.1	8-Dec-22	0.93	8-Dec-22	1.03
9-Dec-22	1.39	9-Dec-22	1.04	9-Dec-22	1.08
12-Dec-22	1.29	12-Dec-22	1.07	12-Dec-22	1.29
13-Dec-22	1.1	13-Dec-22	1.04	13-Dec-22	1.20
13-Dec-22	1.17	13-Dec-22	1.14	13-Dec-22	1.06
14-Dec-22	1.25	14-Dec-22	1.00	14-Dec-22	1.19
15-Dec-22	1.09	15-Dec-22	0.99	15-Dec-22	1.15
16-Dec-22	1.11	16-Dec-22	1.02	16-Dec-22	1.20
19-Dec-22	1.15	19-Dec-22	0.98	19-Dec-22	1.10
20-Dec-22	1.32	20-Dec-22	1.06	20-Dec-22	1.09
20-Dec-22	1.23	20-Dec-22	1.18	20-Dec-22	0.96
22-Dec-22	1.07	22-Dec-22	1.01	22-Dec-22	0.91
23-Dec-22	1.18	23-Dec-22	1.10	23-Dec-22	0.93
28-Dec-22	1.82	28-Dec-22	1.60	28-Dec-22	1.08
28-Dec-22	1.21	28-Dec-22	1.14	28-Dec-22	1.01
29-Dec-22	1.26	29-Dec-22	1.21	29-Dec-22	1.03
30-Dec-22	1.04	30-Dec-22	0.97	30-Dec-22	0.90

## Spruce Lake and Southbay Wellfield Turbidity 2022

Date	Spruce Lake	Date	Southbay Well #1	Date	Southbay Well #2	Date	Southbay Well #3
4-Jan-22	0.71	04-Jan-22	1.27	04-Jan-22	0.23	04-Jan-22	0.32
5-Jan-22	0.83	11-Jan-22	1.37	11-Jan-22	0.18	11-Jan-22	0.40
7-Jan-22	0.64	18-Jan-22	11.70	18-Jan-22	1.27	18-Jan-22	1.03
10-Jan-22	0.44	25-Jan-22	9.76	25-Jan-22	1.67	25-Jan-22	0.92
11-Jan-22	0.72	01-Feb-22	0.88	01-Feb-22	0.20	01-Feb-22	0.35
11-Jan-22	0.71	08-Feb-22	0.39	08-Feb-22	0.46	08-Feb-22	0.50
12-Jan-22	0.64	15-Feb-22	0.50	15-Feb-22	0.63	15-Feb-22	0.12
14-Jan-22	0.58	22-Feb-22	0.68	22-Feb-22	0.30	22-Feb-22	1.22
17-Jan-22	0.62	01-Mar-22	0.36	01-Mar-22	0.66	01-Mar-22	1.79
18-Jan-22	1.25	08-Mar-22	0.50	08-Mar-22	0.42	08-Mar-22	0.28
18-Jan-22	0.67	15-Mar-22	0.18	15-Mar-22	0.16	15-Mar-22	0.70
20-Jan-22	0.62	22-Mar-22	0.36	22-Mar-22	0.13	22-Mar-22	0.99
21-Jan-22	0.52	29-Mar-22	0.26	29-Mar-22	0.49	29-Mar-22	0.35
24-Jan-22	0.77	05-Apr-22	0.23	05-Apr-22	0.16	05-Apr-22	0.41
25-Jan-22	0.58	12-Apr-22	0.26	12-Apr-22	0.16	12-Apr-22	0.18
25-Jan-22	0.50	19-Apr-22	0.15	19-Apr-22	0.08	19-Apr-22	1.10
27-Jan-22	0.56	26-Apr-22	0.17	26-Apr-22	0.13	26-Apr-22	0.09
1-Feb-22	0.51	03-May-22	0.27	03-May-22	0.30	03-May-22	0.29
3-Feb-22	0.64	10-May-22	0.51	10-May-22	0.35	10-May-22	0.16
4-Feb-22	0.74	17-May-22	0.48	17-May-22	0.27	17-May-22	0.24
8-Feb-22	1.05	24-May-22	1.27	24-May-22	0.36	24-May-22	0.24
8-Feb-22	0.25	31-May-22	0.37	31-May-22	0.11	31-May-22	0.37
9-Feb-22	0.37	07-Jun-22	0.40	07-Jun-22	0.44	07-Jun-22	0.33
10-Feb-22	0.54	14-Jun-22	0.68	14-Jun-22	0.63	14-Jun-22	0.22
14-Feb-22	0.56	21-Jun-22	1.67	21-Jun-22	0.25	21-Jun-22	1.52
15-Feb-22	0.41	28-Jun-22	1.00	28-Jun-22	0.19	28-Jun-22	0.14
15-Feb-22	0.52	05-Jul-22	0.65	05-Jul-22	0.13	05-Jul-22	0.11
17-Feb-22	0.54	12-Jul-22	5.88	12-Jul-22	0.12	12-Jul-22	0.61
22-Feb-22	0.57	19-Jul-22	0.44	19-Jul-22	0.18	19-Jul-22	0.97
22-Feb-22	0.85	26-Jul-22	2.05	26-Jul-22	0.34	26-Jul-22	0.51
23-Feb-22	0.61	02-Aug-22	0.31	02-Aug-22	0.33	02-Aug-22	0.24
24-Feb-22	0.59	09-Aug-22	0.37	09-Aug-22	0.28	09-Aug-22	0.17
28-Feb-22	0.44	16-Aug-22	0.14	16-Aug-22	0.23	16-Aug-22	0.09
1-Mar-22	0.46	23-Aug-22	1.04	23-Aug-22	0.32	23-Aug-22	0.33
1-Mar-22	0.43	30-Aug-22	0.60	30-Aug-22	0.24	30-Aug-22	0.19
2-Mar-22	0.60	06-Sep-22	0.18	06-Sep-22	0.17	06-Sep-22	0.20
4-Mar-22	0.37	13-Sep-22	0.22	13-Sep-22	0.19	13-Sep-22	0.35
7-Mar-22	0.48	20-Sep-22	3.26	20-Sep-22	0.16	20-Sep-22	0.30
8-Mar-22	1.01	27-Sep-22	0.66	27-Sep-22	0.25	27-Sep-22	0.16
9-Mar-22	0.27	04-Oct-22	0.32	04-Oct-22	0.18	04-Oct-22	0.21
10-Mar-22	0.44	11-Oct-22	0.18	11-Oct-22	0.30	11-Oct-22	0.27
11-Mar-22	0.37	18-Oct-22	0.69	18-Oct-22	0.19	18-Oct-22	1.04
14-Mar-22	0.52	25-Oct-22	0.75	25-Oct-22	0.27	25-Oct-22	0.32
15-Mar-22	0.46	01-Nov-22	1.76	01-Nov-22	0.37	01-Nov-22	0.29
15-Mar-22	0.48	08-Nov-22	0.75	08-Nov-22	0.40	08-Nov-22	0.27
16-Mar-22	0.44	15-Nov-22	0.16	15-Nov-22	0.10	15-Nov-22	0.11
17-Mar-22	0.53	22-Nov-22	0.76	22-Nov-22	0.19	22-Nov-22	0.63
17-Mar-22	0.53	29-Nov-22	1.14	29-Nov-22	0.25	29-Nov-22	0.13
18-Mar-22	0.53	06-Dec-22	2.14	06-Dec-22	0.15	06-Dec-22	0.26
21-Mar-22	0.78	13-Dec-22	0.37	13-Dec-22	0.21	13-Dec-22	0.15

22-Mar-22	0.52	20-Dec-22	1.56	20-Dec-22	0.42	20-Dec-22	0.82
22-Mar-22	0.55	28-Dec-22	0.96	28-Dec-22	1.55	28-Dec-22	0.39
24-Mar-22	0.50						
25-Mar-22	0.48						
28-Mar-22	0.46						
29-Mar-22	0.24						
29-Mar-22	0.43						
30-Mar-22	0.56						
31-Mar-22	0.54						
1-Apr-22	0.64						
4-Apr-22	0.50						
5-Apr-22	0.58						
6-Apr-22	0.51						
7-Apr-22	0.52						
8-Apr-22	0.47						
11-Apr-22	0.51						
12-Apr-22	0.59						
12-Apr-22	0.47						
13-Apr-22	0.52						
14-Apr-22	0.52						
19-Apr-22	0.55						
20-Apr-22	0.53						
21-Apr-22	0.63						
22-Apr-22	0.47						
26-Apr-22	0.50						
29-Apr-22	0.52						
3-May-22	0.45						
10-May-22	0.63						
10-May-22	0.60						
17-May-22	10.40						
17-May-22	0.57						
18-May-22	0.65						
19-May-22	0.66						
20-May-22	0.49						
24-May-22	0.59						
24-May-22	0.65						
25-May-22	0.53						
27-May-22	0.46						
31-May-22	3.02						
6-Jun-22	0.64						
7-Jun-22	0.59						
7-Jun-22	0.27						
9-Jun-22	0.57						
10-Jun-22	0.60						
13-Jun-22	0.67						
14-Jun-22	4.33						
21-Jun-22	2.23						
22-Jun-22	0.78						
23-Jun-22	0.44						
28-Jun-22	4.68						
4-Jul-22	0.47						
5-Jul-22	1.26						
5-Jul-22	0.78						
7-Jul-22	0.55						
12-Jul-22	0.88						

14-Jul-22	0.80						
15-Jul-22	0.88						
18-Jul-22	0.69						
19-Jul-22	0.79						
19-Jul-22	0.71						
22-Jul-22	0.73						
25-Jul-22	0.69						
26-Jul-22	0.73						
26-Jul-22	0.71						
27-Jul-22	0.71						
28-Jul-22	0.68						
2-Aug-22	0.80						
2-Aug-22	0.69						
3-Aug-22	0.64						
8-Aug-22	0.70						
9-Aug-22	0.86						
9-Aug-22	0.66						
11-Aug-22	0.62						
16-Aug-22	0.68						
16-Aug-22	0.62						
23-Aug-22	8.33						
24-Aug-22	0.50						
30-Aug-22	16.2						
31-Aug-22	0.35						
1-Sep-22	0.57						
6-Sep-22	2.19						
6-Sep-22	0.52						
13-Sep-22	0.82						
13-Sep-22	0.61						
15-Sep-22	0.56						
16-Sep-22	0.66						
20-Sep-22	0.58						
22-Sep-22	0.57						
23-Sep-22	0.49						
26-Sep-22	0.72						
27-Sep-22	0.75						
27-Sep-22	0.57						
28-Sep-22	0.66						
4-Oct-22	0.72						
4-Oct-22	0.61						
5-Oct-22	0.64						
7-Oct-22	0.52						
11-Oct-22	0.60						
11-Oct-22	0.64						
12-Oct-22	0.66						
14-Oct-22	0.53						
18-Oct-22	2.04						
20-Oct-22	0.58						
24-Oct-22	0.23						
25-Oct-22	2.55						
25-Oct-22	0.47						
31-Oct-22	0.66						
1-Nov-22	7.69						
1-Nov-22	0.71						
3-Nov-22	0.75						

8-Nov-22	2.48						
9-Nov-22	0.54						
14-Nov-22	0.73						
15-Nov-22	0.84						
15-Nov-22	0.57						
17-Nov-22	0.62						
22-Nov-22	3.81						
23-Nov-22	0.89						
28-Nov-22	0.47						
29-Nov-22	7.28						
30-Nov-22	0.77						
2-Dec-22	0.83						
6-Dec-22	2.35						
8-Dec-22	0.53						
12-Dec-22	0.81						
13-Dec-22	2.52						
15-Dec-22	0.87						
16-Dec-22	0.53						
20-Dec-22	9.57						
20-Dec-22	0.02						
21-Dec-22	0.67						
22-Dec-22	0.68						
23-Dec-22	0.74						
28-Dec-22	1.25						
28-Dec-22	0.36						

## Temperature - Raw Water 2022

Latimer Lake		Spruce Lake		Southbay Well #1		Southbay Well #2		Southbay Well #3	
Collection Date	°C	Collection Date	°C	Collection Date	°C	Collection Date	°C	Collection Date	°C
4-Jan-22	9.0	5-Jan-22	3.0	4-Jan-22	11.7	4-Jan-22	12.4	4-Jan-22	11.8
5-Jan-22	10.0	6-Jan-22	3.5	6-Jan-22	11.0	5-Jan-22	10.8	5-Jan-22	10.4
6-Jan-22	10.0	7-Jan-22	4.0	7-Jan-22	10.9	6-Jan-22	9.5	6-Jan-22	10.1
10-Jan-22	10.0	10-Jan-22	4.0	11-Jan-22	12.0	7-Jan-22	12.5	7-Jan-22	13.7
11-Jan-22	9.0	11-Jan-22	3.5	18-Jan-22	9.4	10-Jan-22	11.5	10-Jan-22	12.0
12-Jan-22	9.0	12-Jan-22	3.0	25-Jan-22	8.9	11-Jan-22	11.9	11-Jan-22	12.3
13-Jan-22	9.0	14-Jan-22	2.0	28-Jan-22	11.4	12-Jan-22	10.5	12-Jan-22	11.9
14-Jan-22	10.0	17-Jan-22	2.0	1-Feb-22	11.5	17-Jan-22	10.4	17-Jan-22	10.8
17-Jan-22	9.0	18-Jan-22	3.0	7-Feb-22	9.9	18-Jan-22	12.1	18-Jan-22	13.3
18-Jan-22	9.0	20-Jan-22	2.0	8-Feb-22	9.7	19-Jan-22	9.4	19-Jan-22	10.1
19-Jan-22	9.0	21-Jan-22	2.0	9-Feb-22	9.4	21-Jan-22	18.1	21-Jan-22	18.0
20-Jan-22	9.0	24-Jan-22	4.0	10-Feb-22	9.5	21-Jan-22	18.1	21-Jan-22	18.0
21-Jan-22	9.0	25-Jan-22	4.0	11-Feb-22	9.8	21-Jan-22	18.1	21-Jan-22	18.0
24-Jan-22	9.0	27-Jan-22	2.2	14-Feb-22	10.8	21-Jan-22	18.1	21-Jan-22	18.0
25-Jan-22	9.0	28-Jan-22	2.0	15-Feb-22	10.2	21-Jan-22	18.1	21-Jan-22	18.0
27-Jan-22	9.0	3-Feb-22	3.0	16-Feb-22	10.9	24-Jan-22	10.4	24-Jan-22	10.6
28-Jan-22	9.0	4-Feb-22	3.0	17-Feb-22	9.7	25-Jan-22	10.8	25-Jan-22	12.0
31-Jan-22	9.0	8-Feb-22	2.2	18-Feb-22	9.5	27-Jan-22	10.0	27-Jan-22	11.1
1-Feb-22	9.0	9-Feb-22	2.2	22-Feb-22	9.7	28-Jan-22	12.0	28-Jan-22	14.1
2-Feb-22	9.0	10-Feb-22	3.0	23-Feb-22	10.9	1-Feb-22	11.0	1-Feb-22	12.7
3-Feb-22	2.0	14-Feb-22	3.0	24-Feb-22	9.6	1-Feb-22	10.3	1-Feb-22	11.8
4-Feb-22	2.0	15-Feb-22	3.0	25-Feb-22	9.5	3-Feb-22	10.3	3-Feb-22	12.0
7-Feb-22	2.0	17-Feb-22	3.0	28-Feb-22	10.9	7-Feb-22	10.5	8-Feb-22	10.3
8-Feb-22	2.0	22-Feb-22	3.0	1-Mar-22	11.4	8-Feb-22	16.9	9-Feb-22	12.1
9-Feb-22	3.4	23-Feb-22	4.0	2-Mar-22	9.3	10-Feb-22	9.6	10-Feb-22	15.8
10-Feb-22	3.4	24-Feb-22	3.0	3-Mar-22	9.4	11-Feb-22	16.5	11-Feb-22	10.2
11-Feb-22	5.5	28-Feb-22	4.0	4-Mar-22	9.5	14-Feb-22	13.7	14-Feb-22	13.7
14-Feb-22	5.6	1-Mar-22	4.0	7-Mar-22	10.5	15-Feb-22	13.7	15-Feb-22	17.8
15-Feb-22	3.0	2-Mar-22	3.0	8-Mar-22	10.4	16-Feb-22	15.5	16-Feb-22	16.1
16-Feb-22	6.5	4-Mar-22	3.0	11-Mar-22	10.1	17-Feb-22	10.8	17-Feb-22	17.8
17-Feb-22	5.3	7-Mar-22	3.5	15-Mar-22	10.7	18-Feb-22	15.5	18-Feb-22	10.4
9-Mar-22	3.0	8-Mar-22	4.0	16-Mar-22	9.4	22-Feb-22	17.2	22-Feb-22	13.8
10-Mar-22	3.0	9-Mar-22	3.0	18-Mar-22	9.4	23-Feb-22	12.2	23-Feb-22	14.3
11-Mar-22	3.0	10-Mar-22	4.0	21-Mar-22	9.4	24-Feb-22	17.6	24-Feb-22	10.8
6-Apr-22	6.0	11-Mar-22	3.0	22-Mar-22	10.0	25-Feb-22	16.3	25-Feb-22	10.5
7-Apr-22	5.0	14-Mar-22	4.0	23-Mar-22	9.3	28-Feb-22	10.9	28-Feb-22	11.3
8-Apr-22	5.0	15-Mar-22	4.0	24-Mar-22	9.9	1-Mar-22	13.9	1-Mar-22	16.5
11-Apr-22	6.0	16-Mar-22	4.0	28-Mar-22	11.1	3-Mar-22	15.6	2-Mar-22	9.8
12-Apr-22	6.0	17-Mar-22	3.0	29-Mar-22	10.4	7-Mar-22	9.6	3-Mar-22	10.0
13-Apr-22	6.0	17-Mar-22	3.0	30-Mar-22	10.5	8-Mar-22	10.1	4-Mar-22	0.0
14-Apr-22	7.0	18-Mar-22	4.0	31-Mar-22	9.7	9-Mar-22	11.5	7-Mar-22	10.8
19-Apr-22	8.0	21-Mar-22	4.0	1-Apr-22	9.7	14-Mar-22	10.8	8-Mar-22	11.7
20-Apr-22	8.0	22-Mar-22	4.0	5-Apr-22	10.1	15-Mar-22	15.7	9-Mar-22	13.8
21-Apr-22	8.0	24-Mar-22	4.5	6-Apr-22	9.7	16-Mar-22	10.0	11-Mar-22	10.9
22-Apr-22	8.0	25-Mar-22	4.5	8-Apr-22	9.7	17-Mar-22	10.2	14-Mar-22	11.1
25-Apr-22	8.0	28-Mar-22	4.5	11-Apr-22	9.7	17-Mar-22	10.2	15-Mar-22	12.1
26-Apr-22	8.0	29-Mar-22	4.5	12-Apr-22	16.0	18-Mar-22	10.3	16-Mar-22	15.9
27-Apr-22	8.0	30-Mar-22	4.5	13-Apr-22	10.6	21-Mar-22	10.2	17-Mar-22	9.4
28-Apr-22	8.0	31-Mar-22	4.9	14-Apr-22	9.4	22-Mar-22	11.1	17-Mar-22	9.4
29-Apr-22	8.0	1-Apr-22	5.0	19-Apr-22	9.4	23-Mar-22	9.4	18-Mar-22	15.4

## Temperature - Raw Water 2022

Latimer	Lake	Spruce	Lake	Southbay Well #1	Southbay Well #2	Southbay Well #2	Southbay Well #3	Southbay Well #3	
Collection Date	°C	Collection Date	°C	Collection Date	°C	Collection Date	°C	Collection Date	°C
2-May-22	8.0	4-Apr-22	5.0	22-Apr-22	9.7	24-Mar-22	11.8	22-Mar-22	14.0
3-May-22	8.0	6-Apr-22	5.0	26-Apr-22	9.1	28-Mar-22	12.7	24-Mar-22	14.5
5-May-22	8.0	7-Apr-22	5.5	27-Apr-22	9.1	29-Mar-22	15.9	28-Mar-22	12.8
6-May-22	9.0	8-Apr-22	5.5	29-Apr-22	9.3	30-Mar-22	18.3	29-Mar-22	15.9
9-May-22	9.0	11-Apr-22	6.0	2-May-22	9.4	31-Mar-22	16.7	30-Mar-22	17.9
10-May-22	10.0	12-Apr-22	6.0	3-May-22	9.1	1-Apr-22	16.3	31-Mar-22	11.1
11-May-22	10.0	13-Apr-22	6.0	4-May-22	10.0	4-Apr-22	10.3	1-Apr-22	10.8
12-May-22	10.0	14-Apr-22	6.0	5-May-22	9.3	5-Apr-22	16.5	4-Apr-22	11.1
13-May-22	10.0	19-Apr-22	6.0	9-May-22	9.7	8-Apr-22	18.4	5-Apr-22	16.3
16-May-22	10.0	20-Apr-22	6.0	10-May-22	9.0	11-Apr-22	10.8	6-Apr-22	11.3
17-May-22	10.0	21-Apr-22	6.0	11-May-22	9.4	12-Apr-22	11.4	8-Apr-22	10.4
18-May-22	10.0	22-Apr-22	6.5	13-May-22	9.4	13-Apr-22	10.0	11-Apr-22	17.0
19-May-22	10.0	29-Apr-22	7.0	16-May-22	9.5	14-Apr-22	9.7	12-Apr-22	9.4
20-May-22	10.0	9-May-22	11.0	17-May-22	9.1	19-Apr-22	10.1	13-Apr-22	10.7
24-May-22	11.0	10-May-22	11.0	19-May-22	9.2	22-Apr-22	18.7	14-Apr-22	15.8
25-May-22	11.0	17-May-22	13.0	20-May-22	9.1	26-Apr-22	11.0	19-Apr-22	16.0
26-May-22	11.0	18-May-22	13.0	24-May-22	9.7	27-Apr-22	9.0	22-Apr-22	11.1
27-May-22	11.0	19-May-22	14.0	25-May-22	9.2	28-Apr-22	9.0	26-Apr-22	17.3
30-May-22	11.0	20-May-22	14.0	26-May-22	9.3	29-Apr-22	10.5	28-Apr-22	9.7
31-May-22	12.0	24-May-22	13.0	27-May-22	9.2	2-May-22	9.6	2-May-22	14.2
1-Jun-22	12.0	25-May-22	15.0	31-May-22	9.3	3-May-22	9.2	3-May-22	13.6
2-Jun-22	11.0	27-May-22	15.0	1-Jun-22	9.2	4-May-22	9.2	4-May-22	10.0
3-Jun-22	12.0	30-May-22	15.0	2-Jun-22	10.3	6-May-22	10.0	5-May-22	10.4
6-Jun-22	12.0	6-Jun-22	17.0	3-Jun-22	10.0	9-May-22	13.7	6-May-22	10.3
7-Jun-22	12.0	7-Jun-22	10.0	6-Jun-22	9.7	10-May-22	13.7	9-May-22	13.6
8-Jun-22	12.0	9-Jun-22	17.0	7-Jun-22	10.6	11-May-22	9.2	10-May-22	9.5
9-Jun-22	12.0	10-Jun-22	18.0	8-Jun-22	9.4	16-May-22	9.6	11-May-22	14.1
10-Jun-22	12.0	13-Jun-22	17.0	9-Jun-22	9.3	17-May-22	13.5	13-May-22	10.5
14-Jun-22	13.0	22-Jun-22	17.0	10-Jun-22	10.8	24-May-22	12.6	16-May-22	10.6
15-Jun-22	13.0	23-Jun-22	10.0	13-Jun-22	9.2	25-May-22	13.7	17-May-22	9.6
16-Jun-22	13.0	4-Jul-22	17.0	14-Jun-22	11.0	26-May-22	9.1	19-May-22	9.7
21-Jun-22	16.0	5-Jul-22	19.2	17-Jun-22	9.8	27-May-22	9.1	20-May-22	9.6
22-Jun-22	16.0	7-Jul-22	19.0	20-Jun-22	9.3	31-May-22	10.5	24-May-22	11.1
23-Jun-22	16.0	12-Jul-22	21.0	21-Jun-22	10.8	1-Jun-22	9.3	25-May-22	9.7
24-Jun-22	16.0	14-Jul-22	21.0	22-Jun-22	9.9	2-Jun-22	14.0	26-May-22	14.7
27-Jun-22	16.0	15-Jul-22	21.0	23-Jun-22	9.7	3-Jun-22	9.1	27-May-22	13.8
28-Jun-22	16.0	18-Jul-22	21.0	24-Jun-22	9.3	6-Jun-22	14.6	31-May-22	11.5
29-Jun-22	16.0	19-Jul-22	21.0	28-Jun-22	10.7	7-Jun-22	14.8	1-Jun-22	14.2
30-Jun-22	16.0	22-Jul-22	21.0	29-Jun-22	9.3	8-Jun-22	14.6	2-Jun-22	14.1
4-Jul-22	17.0	25-Jul-22	23.0	4-Jul-22	10.2	9-Jun-22	14.4	3-Jun-22	9.7
5-Jul-22	17.0	26-Jul-22	22.0	5-Jul-22	10.7	10-Jun-22	11.7	6-Jun-22	11.6
6-Jul-22	17.0	27-Jul-22	23.0	6-Jul-22	9.6	13-Jun-22	9.5	7-Jun-22	13.9
7-Jul-22	17.0	28-Jul-22	23.0	7-Jul-22	9.7	14-Jun-22	14.0	8-Jun-22	10.4
8-Jul-22	17.0	2-Aug-22	23.0	8-Jul-22	9.2	17-Jun-22	14.2	9-Jun-22	9.6
11-Jul-22	17.0	3-Aug-22	23.0	12-Jul-22	9.4	20-Jun-22	14.5	10-Jun-22	11.7
12-Jul-22	17.0	8-Aug-22	23.0	14-Jul-22	9.4	21-Jun-22	15.0	13-Jun-22	14.2
13-Jul-22	17.0	11-Aug-22	22.5	15-Jul-22	9.5	22-Jun-22	10.5	14-Jun-22	13.6
14-Jul-22	17.0	16-Aug-22	24.5	18-Jul-22	11.0	23-Jun-22	10.5	17-Jun-22	14.4
15-Jul-22	17.0	24-Aug-22	22.0	19-Jul-22	10.8	24-Jun-22	9.3	20-Jun-22	10.1
18-Jul-22	18.0	31-Aug-22	21.0	22-Jul-22	10.9	28-Jun-22	14.2	21-Jun-22	15.0



## Temperature - Raw Water 2022

Latimer Lake		Spruce Lake		Southbay Well #1		Southbay Well #2		Southbay Well #3	
Collection Date	°C	Collection Date	°C	Collection Date	°C	Collection Date	°C	Collection Date	°C
19-Jul-22	18.0	1-Sep-22	21.0	25-Jul-22	11.1	29-Jun-22	14.2	22-Jun-22	12.6
20-Jul-22	18.0	6-Sep-22	20.0	26-Jul-22	11.2	4-Jul-22	11.5	23-Jun-22	12.3
21-Jul-22	18.0	13-Sep-22	19.0	27-Jul-22	10.1	5-Jul-22	14.3	24-Jun-22	14.7
22-Jul-22	18.0	15-Sep-22	21.0	28-Jul-22	9.8	6-Jul-22	14.1	28-Jun-22	12.5
25-Jul-22	18.0	16-Sep-22	21.0	2-Aug-22	10.9	8-Jul-22	9.1	29-Jun-22	10.1
26-Jul-22	19.0	22-Sep-22	17.5	3-Aug-22	9.4	12-Jul-22	11.1	4-Jul-22	14.4
27-Jul-22	19.0	23-Sep-22	17.5	5-Aug-22	9.3	14-Jul-22	9.2	5-Jul-22	14.4
29-Jul-22	19.0	26-Sep-22	21.0	9-Aug-22	9.7	15-Jul-22	13.0	6-Jul-22	9.8
2-Aug-22	20.0	27-Sep-22	17.0	11-Aug-22	10.5	18-Jul-22	10.8	7-Jul-22	10.9
3-Aug-22	20.0	28-Sep-22	16.0	15-Aug-22	9.6	19-Jul-22	10.6	8-Jul-22	13.7
4-Aug-22	20.0	4-Oct-22	15.0	16-Aug-22	11.3	22-Jul-22	14.0	12-Jul-22	12.3
5-Aug-22	21.0	5-Oct-22	15.0	18-Aug-22	10.1	25-Jul-22	9.4	14-Jul-22	14.0
8-Aug-22	21.0	7-Oct-22	15.0	19-Aug-22	9.7	26-Jul-22	11.3	15-Jul-22	14.0
9-Aug-22	23.3	11-Oct-22	13.0	23-Aug-22	9.4	27-Jul-22	14.2	18-Jul-22	10.9
10-Aug-22	23.0	12-Oct-22	13.0	24-Aug-22	11.9	28-Jul-22	13.8	19-Jul-22	12.2
11-Aug-22	21.0	14-Oct-22	13.0	26-Aug-22	9.9	2-Aug-22	9.1	22-Jul-22	14.1
12-Aug-22	20.0	20-Oct-22	14.0	30-Aug-22	11.4	3-Aug-22	9.4	25-Jul-22	9.8
15-Aug-22	20.0	24-Oct-22	10.0	31-Aug-22	9.4	5-Aug-22	9.2	26-Jul-22	12.9
16-Aug-22	20.0	25-Oct-22	10.0	1-Sep-22	9.5	9-Aug-22	13.6	27-Jul-22	14.6
17-Aug-22	20.0	31-Oct-22	13.0	2-Sep-22	9.4	11-Aug-22	14.5	28-Jul-22	14.4
18-Aug-22	20.0	1-Nov-22	13.0	6-Sep-22	9.7	15-Aug-22	10.8	2-Aug-22	10.1
19-Aug-22	20.0	3-Nov-22	13.0	8-Sep-22	11.0	16-Aug-22	13.8	3-Aug-22	14.0
22-Aug-22	20.0	9-Nov-22	13.0	12-Sep-22	10.2	18-Aug-22	13.4	5-Aug-22	14.2
23-Aug-22	20.0	14-Nov-22	12.0	13-Sep-22	10.2	23-Aug-22	9.6	9-Aug-22	13.4
24-Aug-22	20.0	15-Nov-22	12.0	14-Sep-22	9.4	24-Aug-22	9.1	11-Aug-22	12.2
25-Aug-22	20.0	17-Nov-22	10.0	15-Sep-22	11.0	26-Aug-22	10.1	15-Aug-22	13.4
26-Aug-22	20.0	23-Nov-22	7.0	16-Sep-22	9.8	30-Aug-22	11.5	16-Aug-22	14.0
29-Aug-22	20.0	28-Nov-22	7.0	20-Sep-22	9.2	31-Aug-22	9.7	18-Aug-22	13.7
30-Aug-22	20.0	30-Nov-22	7.0	21-Sep-22	9.3	6-Sep-22	13.5	19-Aug-22	13.8
31-Aug-22	20.0	2-Dec-22	6.0	23-Sep-22	10.0	8-Sep-22	9.1	23-Aug-22	14.2
1-Sep-22	20.0	8-Dec-22	4.0	26-Sep-22	10.8	12-Sep-22	11.4	24-Aug-22	9.9
2-Sep-22	20.0	12-Dec-22	4.0	27-Sep-22	9.6	13-Sep-22	13.6	26-Aug-22	12.3
6-Sep-22	20.0	15-Dec-22	3.5	4-Oct-22	10.1	14-Sep-22	13.4	30-Aug-22	13.3
7-Sep-22	19.0	16-Dec-22	3.0	5-Oct-22	10.6	15-Sep-22	9.1	31-Aug-22	13.0
8-Sep-22	19.0	20-Dec-22	10.0	7-Oct-22	10.9	16-Sep-22	13.6	1-Sep-22	9.7
9-Sep-22	19.5	21-Dec-22	3.0	11-Oct-22	11.0	20-Sep-22	11.3	2-Sep-22	9.7
12-Sep-22	20.0	22-Dec-22	3.0	13-Oct-22	9.5	21-Sep-22	12.8	6-Sep-22	10.4
14-Sep-22	20.0	23-Dec-22	3.0	17-Oct-22	9.9	23-Sep-22	11.5	8-Sep-22	9.0
15-Sep-22	19.0	28-Dec-22	2.0	18-Oct-22	10.6	26-Sep-22	11.6	12-Sep-22	13.8
16-Sep-22	19.0			19-Oct-22	9.5	27-Sep-22	12.3	13-Sep-22	10.8
19-Sep-22	19.0			21-Oct-22	9.7	29-Sep-22	9.1	14-Sep-22	9.7
21-Sep-22	19.0			24-Oct-22	9.6	3-Oct-22	9.2	15-Sep-22	9.8
22-Sep-22	18.5			25-Oct-22	9.9	4-Oct-22	11.9	16-Sep-22	13.9
23-Sep-22	19.0			26-Oct-22	9.9	7-Oct-22	9.6	20-Sep-22	11.5
26-Sep-22	16.0			27-Oct-22	11.6	11-Oct-22	12.2	21-Sep-22	10.0
28-Sep-22	16.0			28-Oct-22	13.0	13-Oct-22	14.2	23-Sep-22	12.9
29-Sep-22	16.0			1-Nov-22	12.0	17-Oct-22	14.2	26-Sep-22	11.7
3-Oct-22	16.0			2-Nov-22	9.7	18-Oct-22	10.0	27-Sep-22	12.8
4-Oct-22	16.0			8-Nov-22	10.6	19-Oct-22	14.3	29-Sep-22	9.4
5-Oct-22	16.0			9-Nov-22	10.0	20-Oct-22	9.7	3-Oct-22	9.8





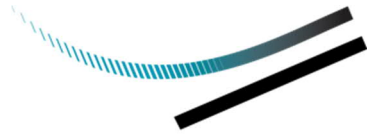


## Ultraviolet Transmittance (UVT) Raw Water 2022

Collection Date	Latimer Lake (UVT%)	Spruce Lake (UVT%)	Southbay Well #1 (UVT%)	Southbay Well #2 (UVT%)	Southbay Well #3 (UVT%)
4-Jan-22	66.5	66.9	98.8	99.4	98.8
11-Jan-22	67.2	63.9	97.2	98.3	97.5
18-Jan-22	66.9	64.2	99.2	99.2	98.0
25-Jan-22	67.1	63.9	98.7	99.7	99.0
1-Feb-22	66.6	64.2	99.4	99.8	99.1
8-Feb-22	64.6	64.3	99.8	99.8	98.9
15-Feb-22	64.8	47.0	99.6	102.5	102.0
22-Feb-22	65.0	65.2	99.7	99.4	98.8
1-Mar-22	65.2	65.7	99.8	99.7	99.3
8-Mar-22	64.4	62.9	98.9	99.7	99.2
15-Mar-22	65.7	62.9	98.9	98.0	97.6
22-Mar-22	65.2	64.5	98.8	98.2	97.3
29-Mar-22	67.9	65.4	98.3	99.4	98.7
5-Apr-22	69.5	67.4	98.8	99.3	98.8
12-Apr-22	67.4	69.9	99.6	99.6	98.6
19-Apr-22	71.1	70.6	99.9	100.0	99.7
26-Apr-22	67.7	73.6	104.5	104.4	103.8
3-May-22	68.0	70.2	99.5	99.5	99.0
10-May-22	69.4	70.6	99.5	99.5	98.9
17-May-22	67.5	69.1	99.6	99.6	99.0
24-May-22	71.3	70.6	98.3	98.3	97.8
31-May-22	71.3	72.2	100.0	99.9	99.5
7-Jun-22	69.9	71.5	97.3	98.6	96.9
14-Jun-22	70.6	83.1	99.9	99.4	99.2
21-Jun-22	70.5	84.1	99.8	99.7	98.7
28-Jun-22	70.8	78.2	100.2	101.0	100.2
5-Jul-22	70.8	73.2	98.9	99.1	98.5
12-Jul-22	75.2	75.9	101.7	100.9	101.0
19-Jul-22	69.8	73.0	98.2	98.4	98.1
26-Jul-22	72.9	75.7	99.8	99.8	99.3
2-Aug-22	72.9	74.9	99.1	99.6	98.4
9-Aug-22	74.0	75.5	99.7	98.8	98.5
16-Aug-22	73.7	74.0	99.4	99.2	98.9
23-Aug-22	74.4	91.1	99.4	99.4	98.8
30-Aug-22	74.1	86.1	98.7	98.7	97.7
6-Sep-22	73.7	72.0	97.3	97.8	96.0
13-Sep-22	76.7	70.9	97.8	97.7	96.7
20-Sep-22	74.7	71.8	99.8	99.9	99.3
27-Sep-22	75.2	70.2	99.7	99.8	98.8
4-Oct-22	74.3	67.1	97.1	97.4	96.4
11-Oct-22	75.3	69.5	100.4	100.6	100.0
18-Oct-22	75.0	77.2	99.4	99.8	99.1
25-Oct-22	74.3	74.8	99.4	99.6	98.6
1-Nov-22	72.3	89.3	97.9	98.0	97.5
8-Nov-22	72.8	71.2	98.4	98.3	98.7
15-Nov-22	70.9	68.8	99.8	98.6	99.2
22-Nov-22	71.9	67.1	97.9	99.2	98.4
29-Nov-22	70.7	90.0	99.2	99.6	98.8
6-Dec-22	68.5	72.3	98.1	97.6	97.4
13-Dec-22	71.0	67.1	99.4	99.6	98.8
20-Dec-22	67.3	79.3	96.8	97.4	97.0
28-Dec-22	67.8	63.4	99.8	99.9	99.4

## Appendix R

### 2022 Annual Report for the South Bay Wellfield



**DILLON**  
CONSULTING

CITY OF SAINT JOHN

# South Bay Wellfield Annual Monitoring Report #5 (FINAL)

Annual Report #5, January 2022 – December 2022





October 16, 2022

City of Saint John – Safe Clean Drinking Water Program  
175 Rothesay Avenue  
Saint John, NB  
E2L 4L1

Attention: Pierre LeBlanc, P.Eng.

*South Bay Wellfield Groundwater Supply  
Annual Monitoring Report #5 – January 2022 – December 2022*

Please find attached the South Bay Wellfield Groundwater Annual Monitoring Report #5 which summarizes the wellfield data from January 2022 to December 2022.

Sincerely,

DILLON CONSULTING LIMITED

A handwritten signature in black ink, appearing to read "Parrish Arnott".

Parrish Arnott, P.Geo.

PHA:trw

Our file: 19-1465

1149 Smythe Street  
Suite 200  
Fredericton  
New Brunswick  
Canada  
E3B 3H4  
Telephone  
506.444.8820  
Fax  
506.444.8821

# Table of Contents

---

1.0	<b>Introduction</b>	1
2.0	<b>Groundwater Monitoring</b>	1
2.1	Pumping Rates .....	2
2.2	Water Levels in the Production Wells .....	4
2.3	Water Levels in the Monitoring Wells.....	8
3.0	<b>Groundwater Chemistry</b>	12
3.1	Chemistry in the Production Wells.....	12
3.2	Chemistry in the Monitoring Wells .....	15
4.0	<b>Discussion</b>	15
5.0	<b>Recommendations</b>	16
6.0	<b>Closure</b>	17

## Figures

---

Figure 1 - Groundwater Monitoring Locations .....	3
Figure 2 - Pumping Rate and Water Levels in Well 1 .....	5
Figure 3 - Pumping Rate and Water Levels in Well 2 .....	6
Figure 4 - Pumping Rate and Water Levels in Well 3 .....	7
Figure 5 - Monitoring Well (All Wells except 15-04) Water Levels vs Time .....	10
Figure 6 - South Bay Wellfield Groundwater Elevation Contours (masl) December 2022.....	11
Figure 7 - Trilinear Piper Plot .....	14

Tables

---

Table 1 - Pumping Rates in the South Bay Wellfield ..... 2

Table 2 - Production Well Water Elevation Summary..... 8

Table 3 - Groundwater Elevations in the Monitoring Wells..... 9

Table 4 - Annual Groundwater Chemistry Results in the Production Wells..... 12

Appendices

---

A            Production Well Chemistry





## 1.0

## Introduction

Dillon Consulting Limited (Dillon) was retained by The City of Saint John to complete the Annual Report # 5 for the South Bay Wellfield located in west Saint John. The Annual Reports are prepared in accordance with the Certificate of Determination (COD) and the Approval to Operate (ATO), as issued by the New Brunswick Department of Environment and Local Government (NBDELG), on September 11, 2015 and September 7, 2017, respectively.

The wellfield officially began its operation on September 14, 2017 and is pumped from three production wells that are completed in a gravel deposit that extends between South Bay, on the Saint John River, and the Bay of Fundy. Groundwater elevations are monitored via a network of 12 monitoring locations within the wellfield. Groundwater samples are also collected from the monitoring well network. Additionally, six surface water locations are sampled as per the *Detailed Wellfield Monitoring Plan (BGC, 2018)* across the wellfield area. Surface water samples were not scheduled to be collected during this monitoring period and have been incorporated into a groundwater under the direct influence of surface water (GUDI) assessment in conjunction with NBDELG. Locations of the production wells, monitoring wells and the surface water sampling points are presented on Figure 1.

## 2.0

## Groundwater Monitoring

A Supervisory Control and Data Acquisition system (SCADA) is utilized by the City of Saint John to collect and record water levels, conductivity, volume of water pumped, and duration of pumping within the three production wells (Well #1, Well #2 and Well #3). Each production well has a corresponding monitor well located approximately three meters from the production well (13-04, 14-03 and 14-04), which are also connected to the SCADA system (water elevations). The extraction volume of each production well is measured by independent flow meters, including duration of flow. This cumulative volume data is further validated through the collection of totalized readings for the entire wellfield.

The monitoring network for the South Bay wellfield consists of nine monitor wells (13-02, 13-03, 13-09, 13-10, 13-11, 15-01, 15-02, 15-03 and 15-04) throughout the area between the Bay of Fundy and South Bay in addition to the monitoring wells adjacent to the production wells (i.e., total of 12 monitoring wells). Water level and temperature data in eight of the nine monitor wells are measured with dedicated pressure transducers attached to an automated telemetry system accessible through the City of Saint John's online interface (HOBOLink). Water levels from 13-09 are not currently being collected due to the well's location and associated property ownership logistics and permission for access. Water levels from the eight monitoring wells connected to the telemetry system are not available prior to April 2019 as this pre-dates installation of the remote monitoring equipment. Water levels from 13-02 and 13-03 have not been received by the HOBOLink system since May 4, 2020 and February 11, 2020

respectively. On November 17, 2022 water levels stopped recording from monitoring well 13-10 for the duration of the monitoring period. Manual water levels readings prior to this date have been recorded from the monitoring wells. Monitoring well locations are presented on Figure 1.

## 2.1 Pumping Rates

The South Bay wellfield reportedly operates two main wells simultaneously (Well #1 and Well #2), while operating Well #3 as a backup. Although Well #3 was commissioned for redundancy, it had been maintained through intermittent operation in the event it is needed to supplement high demands. The selection of Well #3 as back-up was made given historic evidence of increased hardness relative to Well #1 and Well #2. Well #3 was, however, brought online to operate as a primary well in June 2020 as Well #1 had been taken offline for pump maintenance. Well #1 was returned to service in February 2022. Pumping rate data, between January 2022 and December 2022, from each is well is presented below, in Table 1. The rates are presented in megalitres per day [ML/d] with the exception of the operating pumping rate which is presented as a flow rate in liters per second (L/s).

A reduction in the overall pumping rates in February 2020 has seen the water levels in the aquifer increase over the past two years. Since the previous reporting period (October 2020 to December 2021) the overall trend of water levels have had continued to rise with an observable peak in May 2022. Additional information regarding the maintenance of pumping rates and the observable trends in water levels are discussed further in Section 2.2.

Table 1 - Pumping Rates in the South Bay Wellfield





Well ID	Operating Pumping Rate (L/s)	Operating Average Daily Pumping Rate (ML/d) Jan 2022 – Dec 2022	Combined Monthly Average Pumping Rate (ML/d)												
			2022												
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Well # 1	80	1.08													
Well # 2	80	1.31	2.5	2.6	3.0	3.2	3.2	3.2	3.4	3.2	3.1	3.1	3.0	3.1	
Well # 3	80	1.26													



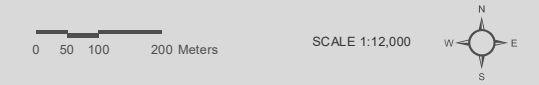


**CITY OF SAINT JOHN**  
**SOUTH BAY WELLFIELD**  
**ANNUAL MONITORING REPORT #5**

**Groundwater Monitoring Locations**  
**FIGURE I**

-  Monitoring Well
-  Pumping Well
-  Watercourse
-  Property Boundary

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and



MAP DRAWING INFORMATION:  
ESRI, GeoNB

MAP CREATED BY: JAB/GAM  
MAP CHECKED BY: PHA  
MAP PROJECTION: NAD 1983 CSRS New Brunswick Stereographic

FILE LOCATION: C:\Work From



PROJECT: 19-1465  
STATUS: DRAFT  
DATE: 2023-08-21



## Water Levels in the Production Wells

Water level data is collected within the production wells and their associated observation wells with the City of Saint John's SCADA system. Water elevation data and associated flow meter readings in each production well for the current period of January to December 2022 are presented in Figure 2, Figure 3 and Figure 4 for Well #1, Well #2 and Well #3, respectively. For reference, each of the associated observation well data is plotted with the respective production well. On the figures, pumping rate data is held to the left-hand vertical axis, while water elevations are held to the right-hand vertical axis.

To be consistent with the conditions outlined within the COD, a minimum water level threshold of + 1.0 metres above sea level (masl) (" + 1.0 meter threshold") was presented to provide a reasonable salt water intrusion barrier mechanism for each of the production wells. This threshold is represented on all water elevation figures for comparison purposes. Water levels in the production wells have all recovered and are beginning to stabilize on average 3.7 masl for the reporting period.

Pumping rates in all three of the production wells were reduced in February 2020, the corresponding drop in pumping rates in the wells are evident on the applicable figures and have been shown for comparison as part of this reporting period. Following the pumping rate reduction, increasing trends in the water level elevations are observed in the pumping wells and observation wells. In general, the water level elevation in Well #1, Well #2, Well #3 and their associated observations wells at the end of the current monitoring period appear to be above the + 1.0 meter threshold at or above +3.0 meters above sea level. At the end of the monitoring period, in all three production wells and corresponding observation wells, the water level elevations appear to be continuing an increasing trend (i.e., moving towards pre-pumping water conditions).

The following table summarizes the water levels in the production wells (Well #1, Well #2 and Well #3) for the current monitoring period (January 2022 – December 2022) with comparisons made to static water levels during pre-pumping conditions in 2017 and over the course of the deployment period. As shown in the approximate change in water elevation column, in general, the water elevation in each production well has increased.

Figure 2 - Pumping Rate & Water Levels in Well 1

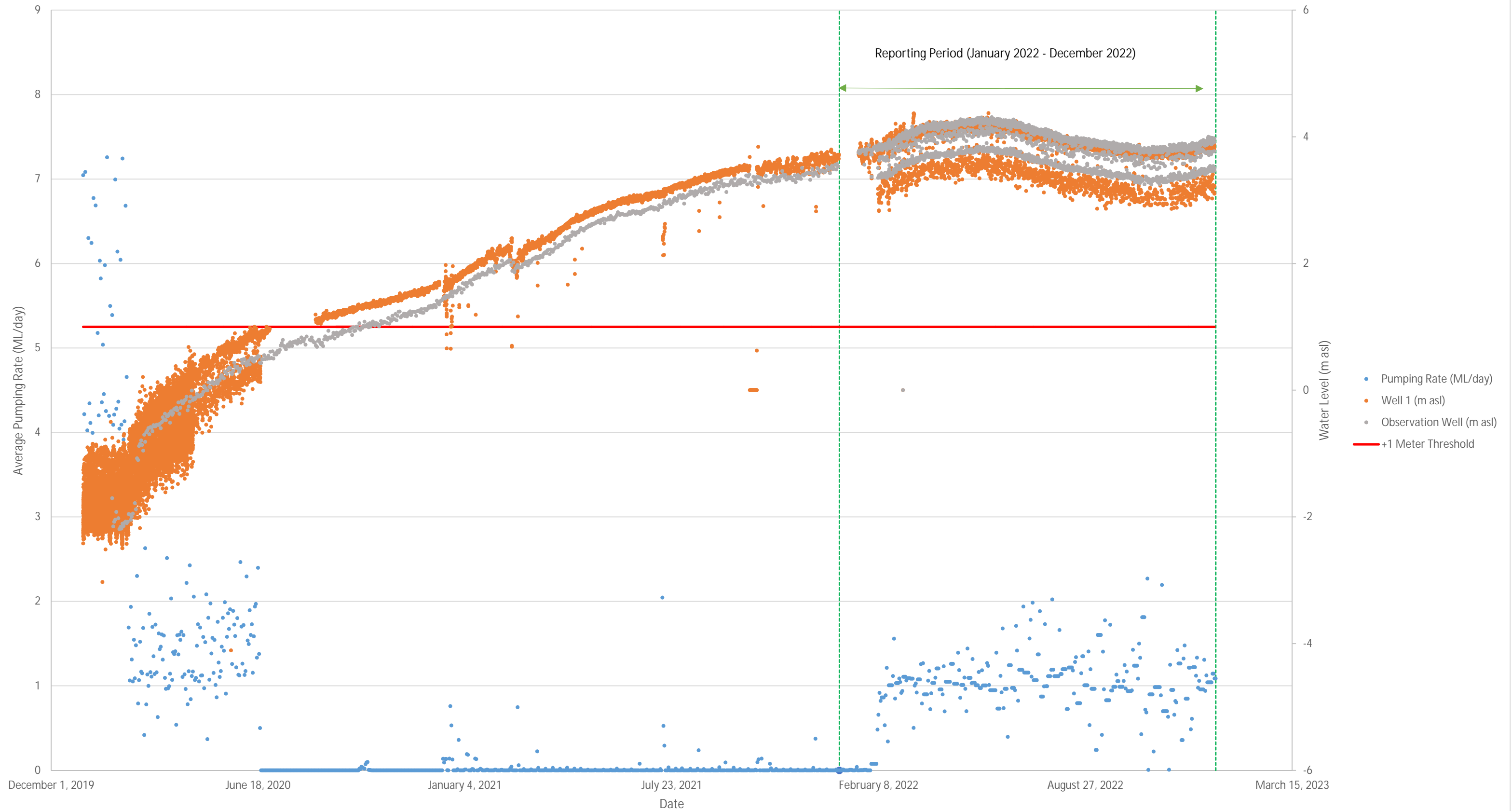


Figure 3 - Pumping Rate & Water Levels in Well 2

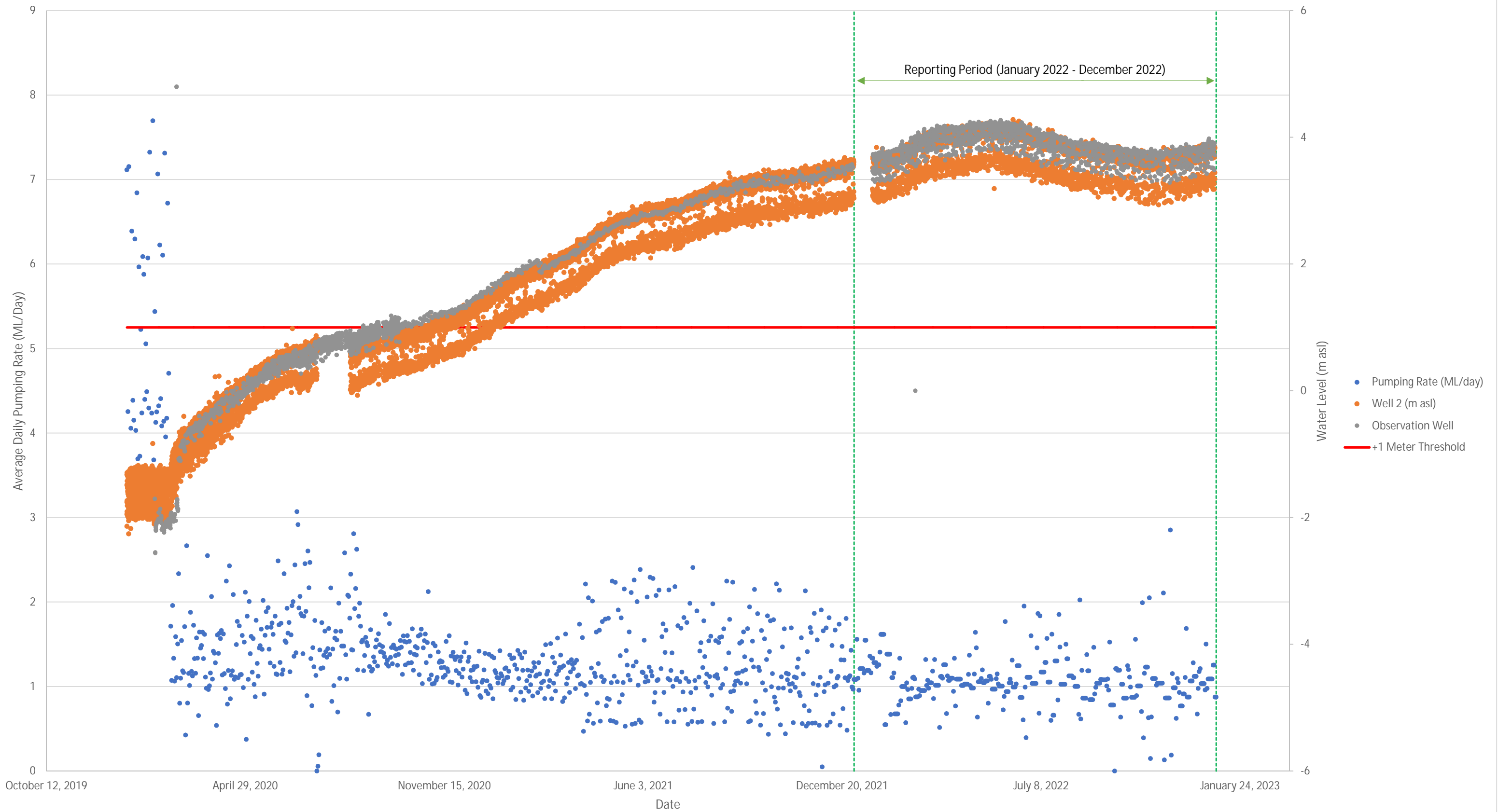
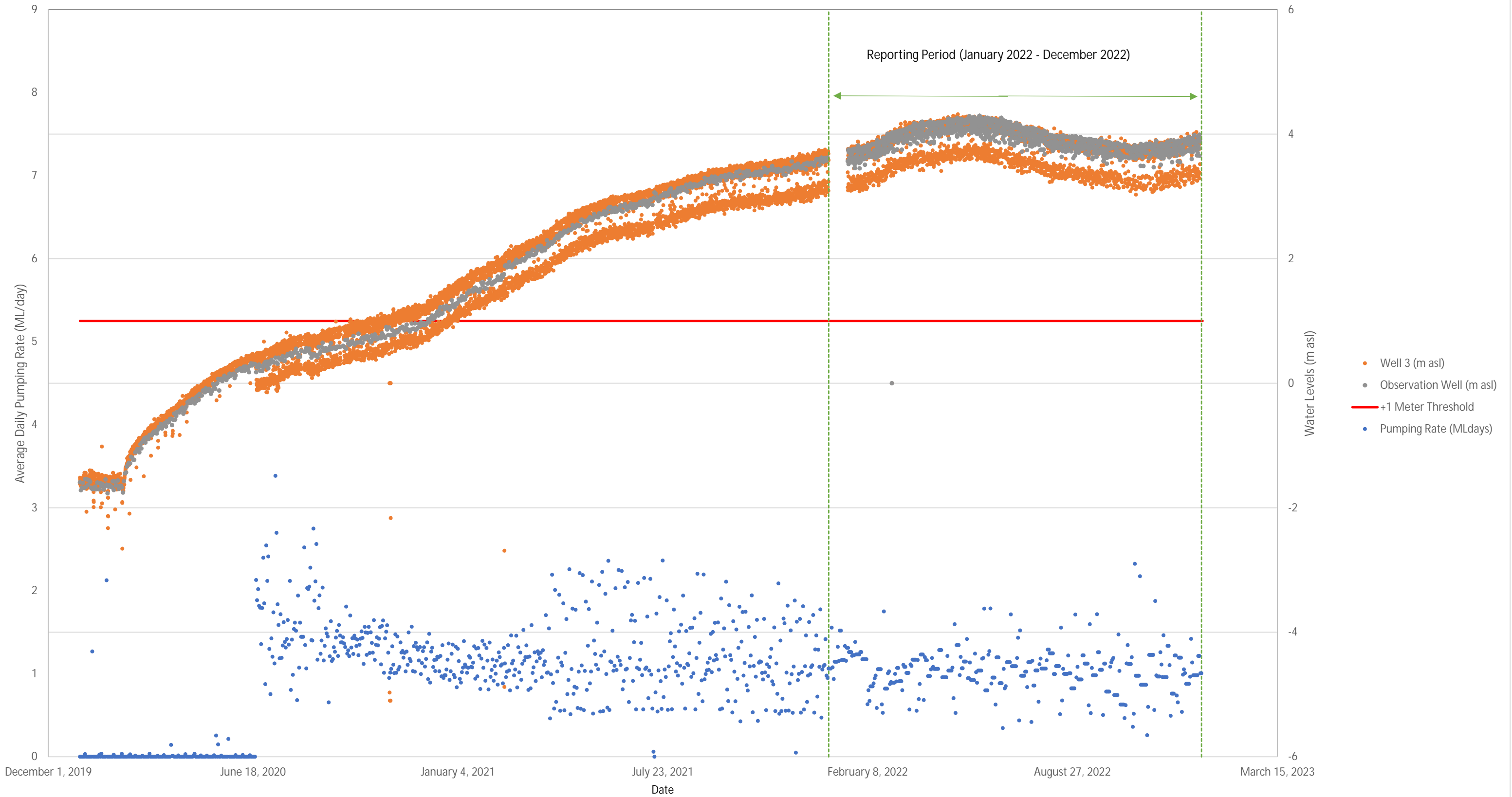


Figure 4 - Pumping Rate & Water Levels in Well 3



**Table 2 - Production Well Water Elevation Summary**

Well ID	Calculated Daily Average Water Elevation (masl)					
	September 14, 2017 <sup>1</sup>	January 2022 <sup>2</sup>	December, 2022 <sup>3</sup>	Min Water Elevation <sup>4</sup>	Max Water Elevation <sup>5</sup>	Average Annual Water Elevation <sup>6</sup>
Well #1	4.6	3.73	3.58	2.83	4.37	3.77
Well #2	4.7	3.60	3.43	2.94	4.28	3.73
Well #3	4.7	3.67	3.52	3.03	4.32	3.82

## Notes:

1. Water elevations from September 14, 2017 are taken from corrected data in BGC's Quarterly Report #5.
2. Average water elevation for the Month of January 2022.
3. Average water elevation for the Month of December 2022.
4. Minimum water elevation observed, while transducers were installed in wells, over the reporting period (January 1, 2022 – December 31, 2022).
5. Maximum water elevation observed, while transducers were installed in wells, over the reporting period (January 1, 2022 – December 31, 2022).
6. Average water elevation over the reporting period (January 1, 2022 – December 31, 2022).

## 2.3

## Water Levels in the Monitoring Wells

The monitoring network for the South Bay wellfield consists of 12 monitor wells throughout the area between the Bay of Fundy and South Bay. Water levels in 3 of 12 monitoring wells are collected through the SCADA system (13-04, 14-03 and 14-04) while all but one of the remaining wells (13-09) are monitored via a remote telemetry system complete with an online interface (HOBO Link). Water levels from 13-09 are not currently being collected due to the well's location and associated property ownership logistics and permission for access.

Monitoring well data is summarized in Table 3 below, while monitoring well water level data can be viewed for on Figure 5 (all wells except 15-04). Water levels from the eight monitoring wells connected to the telemetry system are not available prior to April, 2019 as this pre-dates the installation of the telemetry system. Water level contours representing the end of the current monitoring period (December 31, 2022) are presented on Figure 6. Based on Figure 5 in general, increasing trends in water elevations have been observed in each of the monitoring wells following the pumping rate reductions in Well #1, Well #2, and Well #3 in February 2020, with the exception of 13-11, 15-01, and 15-04. These monitoring well locations are furthest away (outside of the primary aquifer) from the pumping wells, relative to the other monitoring wells, and would, therefore, be less likely to present data with notable hydraulic influence from the pumping wells. Throughout the current monitoring period water elevations have been observed to become more stabilized and consistent with seasonal fluctuation and recharge.



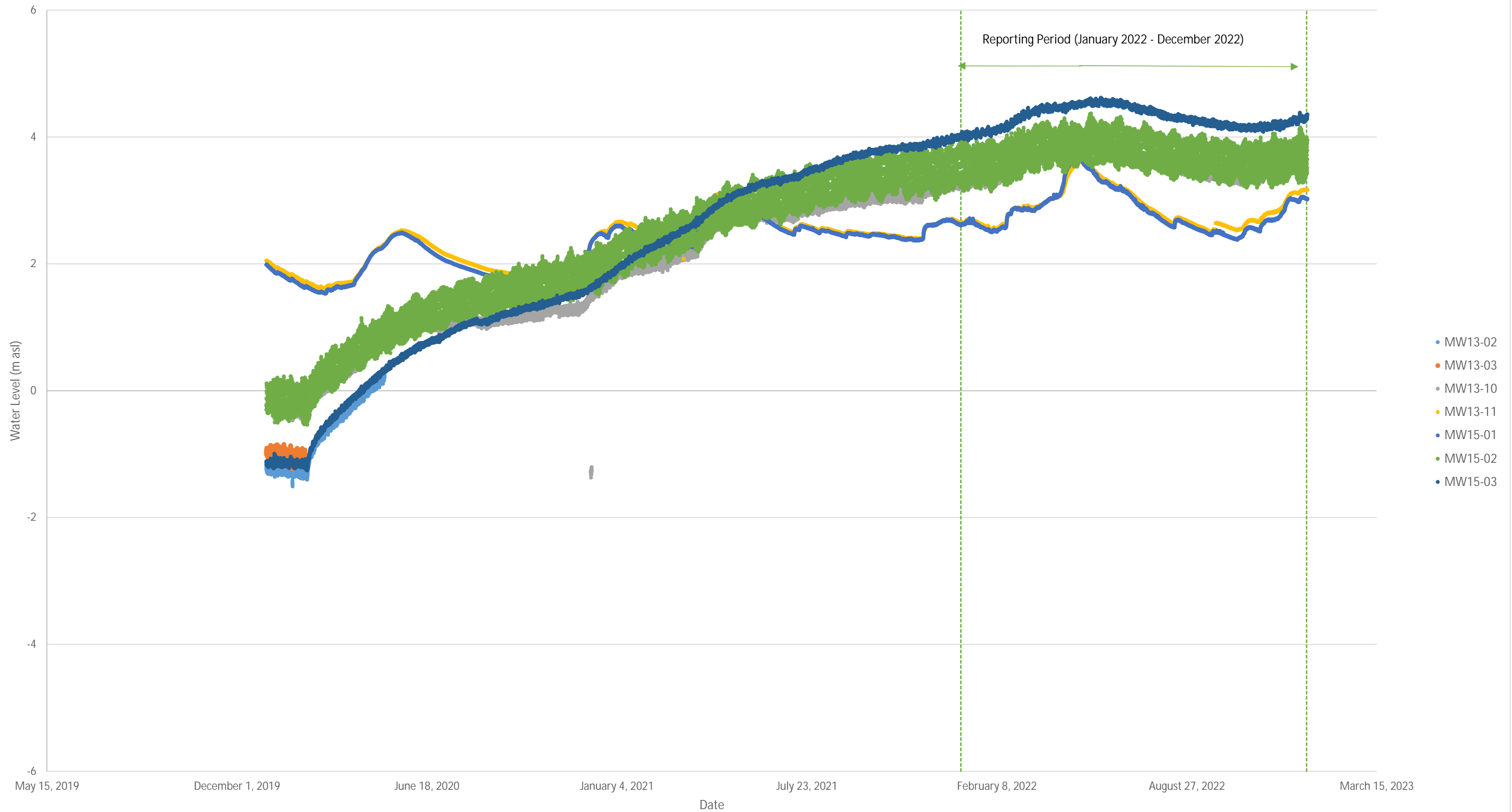
**Table 3 - Groundwater Elevations in the Monitoring Wells**

Well ID	Location	Elevation of TOC (masl)	Water Level elevation on Sept. 14, 2017 <sup>2</sup> (masl)	Average Water level elevation January, 2022 (masl)	Average Water level elevation December, 2022 (masl)	Average water elevation (m)
						Annually <sup>3</sup>
13-04	Well Site #1	20.47	4.6	3.8	3.7	3.9
14-03	Well Site #2	19.77	4.7	3.6	3.7	3.9
14-04	Well Site #3	17.23	4.7	3.7	3.8	4.0
13-02	Downsview	16.75	4.6	NA	NA	NA
13-03	Pipeline Road	12.27	4.4	NA	NA	NA
13-09 <sup>1</sup>	Simpson Pit	26.04	4.7	NA	NA	NA
13-10	NB Southern	19.72	4.1	3.3	NA <sup>6</sup>	3.6
13-11	City Depot	15.04	2.7	2.6	3.1	2.9
15-01	Bay St.	7.35	3.4	2.6	3.0	2.8
15-02	Tourist Center	10.35	4.4	3.6	3.7	3.7
15-03	Westgate Road	40.29	4.8	4.0	4.2	4.3
15-04	Gault/Pipeline	46.25	42.8	42.7	42.9	42.6

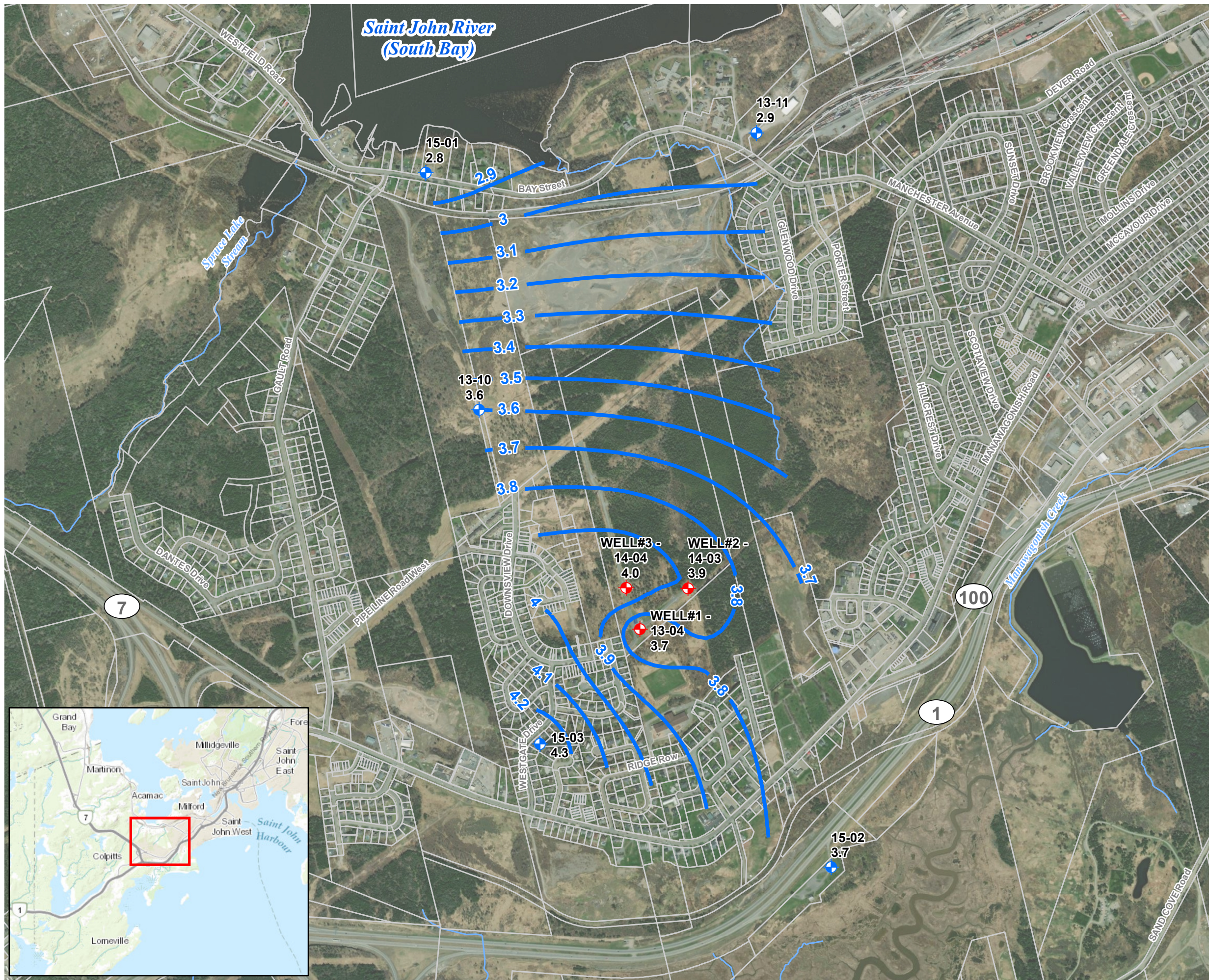
**Notes:**

1. Water level data not collected at this monitoring point.
2. Water level elevations as reported in BGC's quarterly and annual monitoring report (February 2017).
3. Average water elevation from January 1, 2022 to December 31, 2022.
4. SCADA system did not record any data after May 4, 2020.
5. SCADA system did not record any data after February 11, 2020.
6. December 2022 data not available.

Figure 5 - Monitoring Wells (All Wells except 15-04) Water Levels vs Time







**CITY OF SAINT JOHN**  
 South Bay Wellfield  
 Annual Monitoring Report #5

**South Bay Wellfield Groundwater  
 Elevation Contours (m asl)  
 December 2022**  
 FIGURE 6

- Monitoring Well
- Pumping Well
- Groundwater Elevation Contour (m asl)
- Watercourse
- Property Boundary

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community  
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



MAP DRAWING INFORMATION:  
 ESRI, GeoNB

MAP CREATED BY: HEB  
 MAP CHECKED BY: PA  
 MAP PROJECTION: NAD 1983 CSRS New Brunswick Stereographic

FILE LOCATION: K:\2019\191465\Product\Client\Annual Report  
 5\191465\_Fig6\_GW\_Contours.mxd



PROJECT: 19-1465  
 STATUS: FINAL  
 DATE: 2023-09-20



## 3.0

# Groundwater Chemistry

The City of Saint John collects samples from the production wells on a weekly basis as per the sampling schedule recommended in the *Detailed Wellfield Monitoring Plan (BGC, 2018)*. Samples are analyzed for microbiology, electrical conductivity, pH, total dissolved solids (TDS), turbidity, hardness, alkalinity, true and apparent colour, and general chemistry and metals. Samples are also collected from the monitoring well network on a monthly basis throughout the year. Samples were collected from the monitoring wells during eight sampling events conducting in September and December of 2020, and March, June, March, September and December of 2021.

## 3.1

## Chemistry in the Production Wells

As part of the monitoring program, weekly sampling events were completed during this monitoring period (October 2019 to September 2020) for pH, conductivity, TDS, alkalinity, turbidity, hardness, iron, manganese, apparent color, true color, UVT, total coliform and E.coli. Additionally, monthly samples were collected for select organic parameters and general inorganic chemistry parameters. A summary of the groundwater chemistry results including maximum and average concentrations for select weekly parameters for this monitoring period is provided below in Table 4. Additionally, chemistry results from August 2017 representing baseline geochemistry are provided for comparison. Time series plots of select primary saltwater intrusion indicators (Alkalinity, Chloride, Electrical Conductivity, Sulphate and TDS) over the monitoring history are presented in Appendix A.

**Table 4 - Annual Groundwater Chemistry Results in the Production Wells**

Chemical Parameter	Units	GCDWQ (AO <sup>1</sup> or MAC)	Well #1			Well #2			Well #3		
			August 2017	Max	Avg.	August 2017	Max	Avg.	August 2017	Max	Avg.
pH	-	7.0 – 10.5 (AO)	8.0	8.1	7.9	8.0	8.1	7.9	7.9	8.0	7.7
Conductivity	uS/cm	-	505	658	624	536	595	582	480	752	724
Alkalinity	mg/L	-	121	145	137	125	143	127	122	200	185
TDS	mg/L	500 (AO)	286	323	306	305	292	286	270	370	355
Turbidity	NTU	1.0 (AO)	0.7	0.8	0.4	1.5	0.3	0.2	0.6	0.7	0.3
Hardness	mg/L	-	236	227	195	225	237	211	208	301	280
Iron	mg/L	0.3 (AO)	0.06	0.09	0.07	0.06	0.01	0.01	0.07	0.02	0.02
Manganese	mg/L	0.02 (AO) 0.12 (MAC)	<0.002	0.002	<0.002	0.005	<0.002	<0.002	0.085	0.01	0.01

Chemical Parameter	Units	GCDWQ (AO <sup>1</sup> or MAC)	Well #1			Well #2			Well #3		
			August 2017	Max	Avg.	August 2017	Max	Avg.	August 2017	Max	Avg.
Chloride	mg/L	250 (AO)	57	88	84	81	73	70	47	74	70
Sulfate	mg/L	500 (AO)	36	46	37	32	30	28	54	62	58

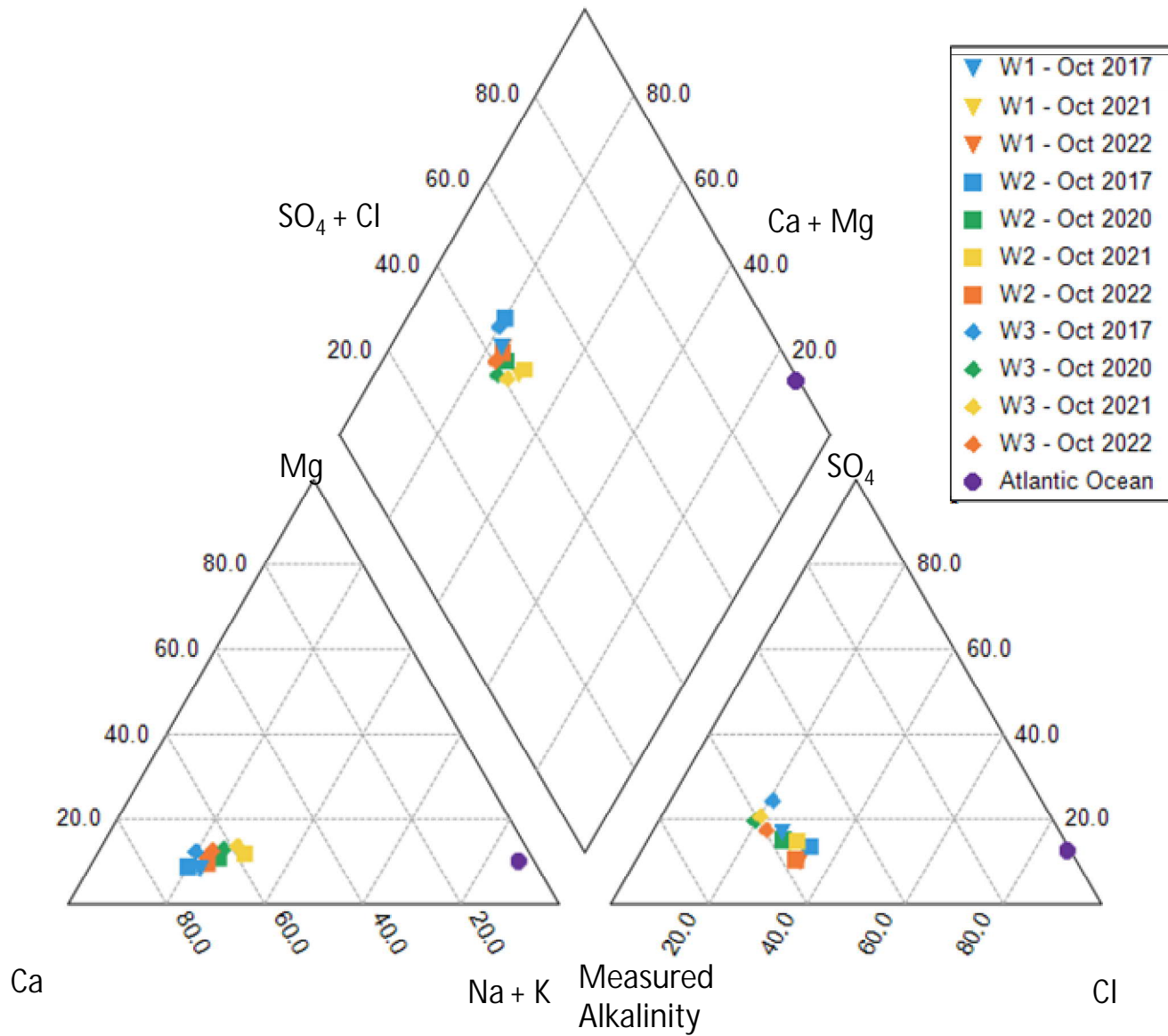
## Notes:

1. AO is considered an Aesthetic Objective; MAC is a Maximum Acceptable Concentration established based upon health based objectives.
2. "-" Guideline not established.
3. **Bold** indicates the Guideline for Canadian Drinking Water Quality (GCDWQ) was exceeded (AO)
4. Bold indicates the Guideline for Canadian Drinking Water Quality (GCDWQ) was exceeded (MAC).
5. NA indicates not analyzed.
6. The Max and Avg. are representative of the observed rounded values from the current monitoring period (Jan 2022 – Dec 2022). Some analysis only recorded quarterly.

A brief summary of observations for the chemical time series plots in Appendix A is as follows:

- Electrical Conductivity, alkalinity, chloride and TDS appear to have become more stabilized across the reporting period in Well #1, Well #2 and Well #3;
- Sulphate is generally stable to declining in Well #1, Well #2 and Well #3;
- An apparent or inherently clear change in water chemistry is not necessarily observed following the pumping rate reduction in February 2020 to the end of the monitoring period (December 2022); which could be an indication that the overall trends in water chemistry have been dictated by groundwater flow through the aquifer as opposed to saltwater intrusion.

Primary ionic constituents (Calcium, Manganese, Sodium, Potassium, Alkalinity, Chloride and Sulphate) have been plotted on a trilinear Piper plot diagram to observe potential phase shifts in chemical composition towards what would be considered salt water. Analytical results from the beginning of wellfield operation and the current reporting period (January 2022 to December 2022) for each production well were used for time series comparison. The piper trilinear plot is presented on Figure 7. For comparison purposes an assumed salt water concentration representing the Bay of Fundy has been included in the plot. Based on the plot, water chemistry from the production wells has maintained a generally consistent calcium, bicarbonate/chloride water type classification with relatively little difference between the three wells. The results have maintained a consistent grouping in the attached Piper plot over time (approximately 5 years) and do not currently indicate trends toward chemical change to more saline (salt) water. An apparent change in water chemistry, prior to and following the February 2020 pumping rate reduction, is not observed.



Further chemical analysis, including quality from the two water bodies to the north and south of the wellfield during both high and low tide, is recommended to assess saltwater intrusion. A groundwater quality sample from deeper wells located within the wellfield would be required to assess potential movement of groundwater from different parts of the aquifer or adjacent geologic units. Organic parameters analyzed as part of the routine sampling of the three production wells have not exhibited concentrations above the applicable Canadian Drinking Water Quality Guidelines during the current monitoring period (January 2022 – December 2022).

### 3.2 Chemistry in the Monitoring Wells

Samples analysed for general chemistry and trace metals were collected from the monitoring wells (13-02, 13-03, 13-09, 13-10, 13-11, 15-01, 15-02, 15-03, and 15-04) on March 22, June 9, September 26 and December 5 of 2022 for this monitoring period. Chemistry data for the monitoring wells have not been discussed as part of this reporting period as the sample collection point in each well may not be representative. Additional sampling methodology and geochemical comparison is being done to evaluate the geochemical database of the monitoring well network.

Conductivity data is continuously recorded via the automated telemetry system in Well 15-01 and 15-02. Datasets from each well have exhibited negligible observable change throughout the monitoring period. The conductivity probes are not installed within the screened portion of the wells and therefore may not be collecting data representative of changing aquifer conditions. The conductivity data and the depth of the measuring points are being reviewed along with the sampling methodology.

## 4.0 Discussion

Pumping rates in all three of the production wells were reduced in February 2020, positive increases in water level elevations were then observed in the production wells and select monitoring wells until approximately June 2022 where water levels appear to reach an inflection point in becoming more stabilized. During the current monitoring period the general trend of water levels have been more stable and consistent with what would be expected of seasonal variation. Regarding the monitoring well network, in general, increasing trends in water elevations were observed in each of the monitoring wells following the pumping rate reductions in Well #1, Well #2, and Well #3 in February 2020 and up to a similar period where stabilization is observed in the pumping wells. Wells 13-11, 15-01, and 15-04 remain unaffected by changes in pumping rates and is expected as these monitoring well locations are furthest away from the pumping wells, relative to the other monitoring wells, and would therefore be less likely to present data with notable hydraulic influence. At the end of the current reporting period the monitoring well water elevations all remain above the + 1.0 meter threshold and have remained above +2.0 meters and greater.

Little apparent change in water chemistry from the production wells was observed following the February 2020 pumping rate reduction to the end of the current monitoring period. This could be an indication that the overall trends in water chemistry have been dictated by groundwater flow through the aquifer with little evidence of potential influence from saltwater. It is important to collect representative monitoring well indicator chemistry from the monitoring well network to confirm, or otherwise, that these observations are consistent across the aquifer (see recommendations below).

## 5.0

## Recommendations

Based upon the observations made over the monitoring period (January 01, 2022 to December 31, 2022) Dillon recommends the following as part of the City's ongoing monitoring program. The total wellfield extraction (pumping rates) from the three production wells were reduced in February 2020 upon commissioning of a new pumping station, which provides water from the east side distribution system. This reduction in pumping rates was employed as a means to allow the water levels to recover to and above the maximum allowable drawdown threshold of 1.0 meters above mean sea level. Since the commissioning of the pumping station, water levels have shown gradual recovery beyond the 1.0 m threshold and have appeared to have become more stabilized into 2022.

### *Continued Monitoring Program*

- Continue to evaluate available data in ongoing assessment of the current risk to saltwater intrusion into the South Bay Aquifer as per the City's conditions outlined in their approval to operate (APO).
- Confirm data logger water level readings with quarterly manual readings.
- Continue providing input and review of select chemical parameters including updates to Piper trilinear plots and chemical ratios as per industry accepted methods for the advanced warning of saltwater intrusion.

### *Recommendations*

- Collect surface water quality data during high and low tide from South Bay and the Bay of Fundy for chemical comparison.
- Collect groundwater quality data from the screened portion of each respective well as opposed to the top of the static water column within the monitoring well network.



## Closure

This report was prepared by Dillon Consulting Limited (Dillon) on behalf of the City of Saint John. Dillon has used the degree of care and skill ordinarily exercised under similar circumstances at the time the work was performed by reputable members of the environmental consulting profession practicing in Canada. Dillon assumes no responsibility for conditions which were beyond its scope of work. There is no warranty expressed or implied by Dillon.

The material in the report reflects Dillon's best judgment in light of the information available to Dillon at the time of preparation. Any use which a third party makes of this report, or any reliance on or decisions made based on it, are the responsibilities of such third parties. Dillon accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

This report has been prepared by a team of Dillon professionals on behalf of the City of Saint John.

Respectfully submitted,

DILLON CONSULTING LIMITED

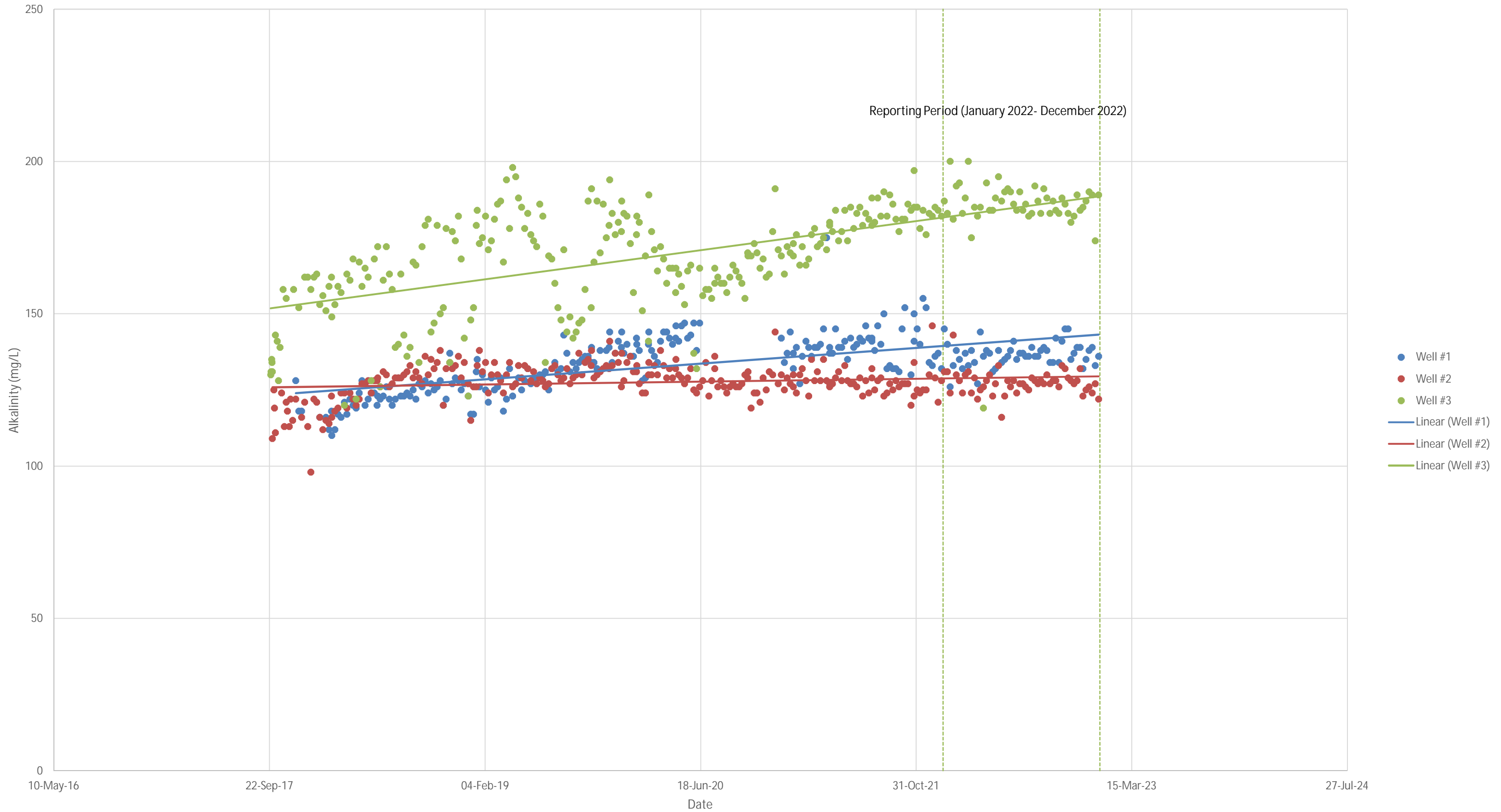


Parrish Arnott, P. Geo.  
Project Manager

# Appendix A

## ***Production Well Chemistry***

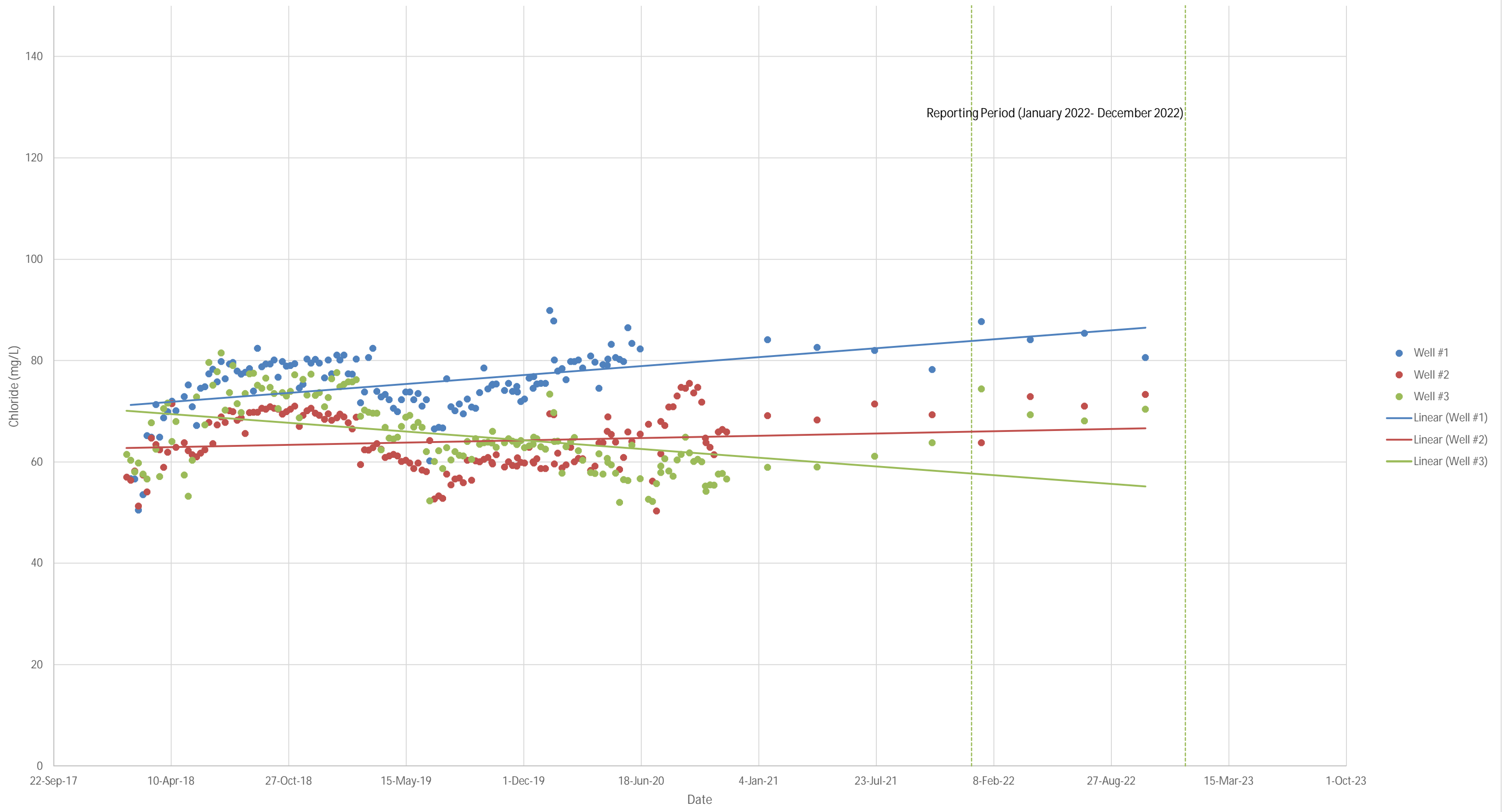
# Alkalinity - South Bay Production Wells



Reporting Period (January 2022- December 2022)

- Well #1
- Well #2
- Well #3
- Linear (Well #1)
- Linear (Well #2)
- Linear (Well #3)

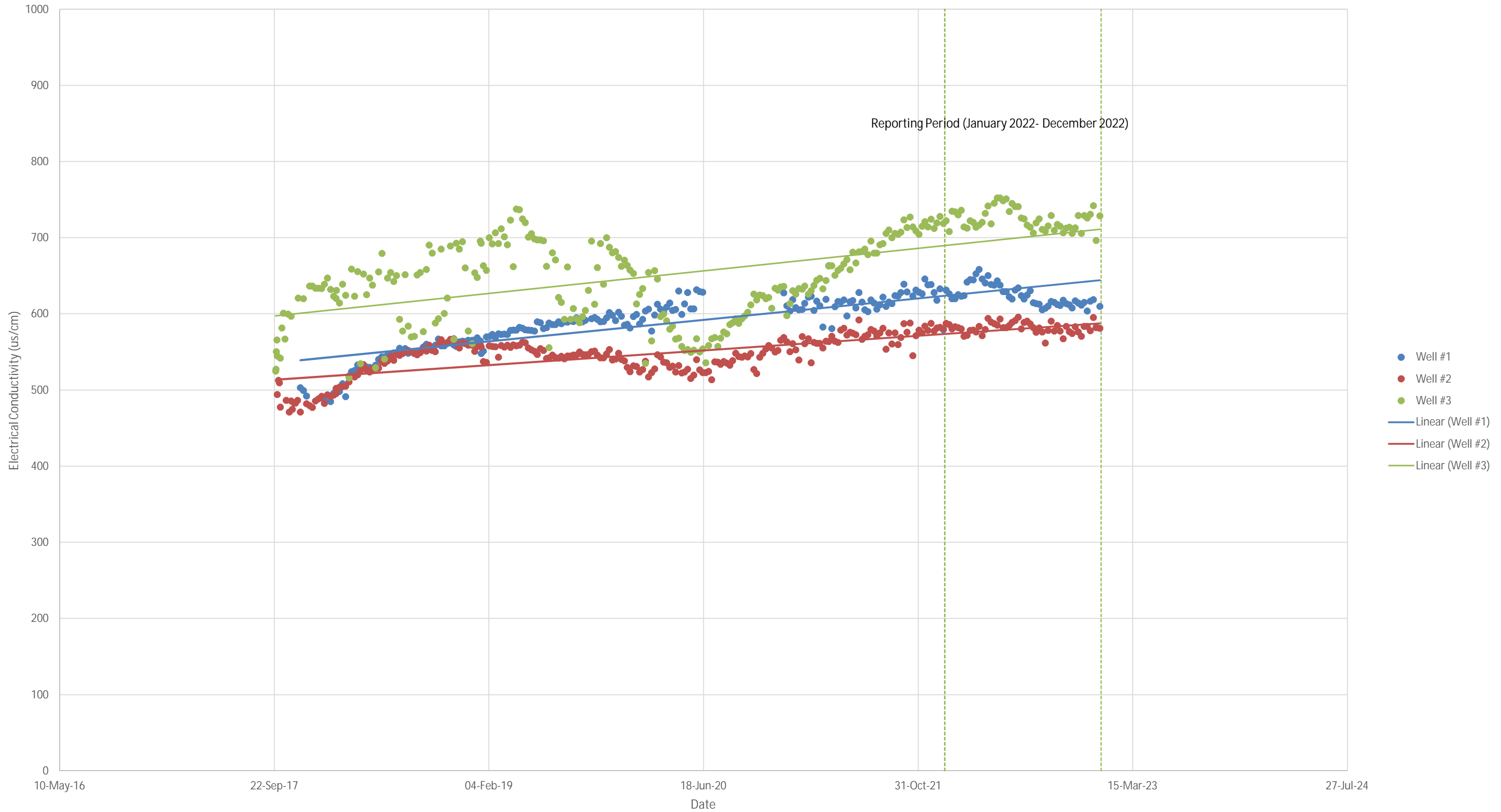
# Chloride - South Bay Production Wells



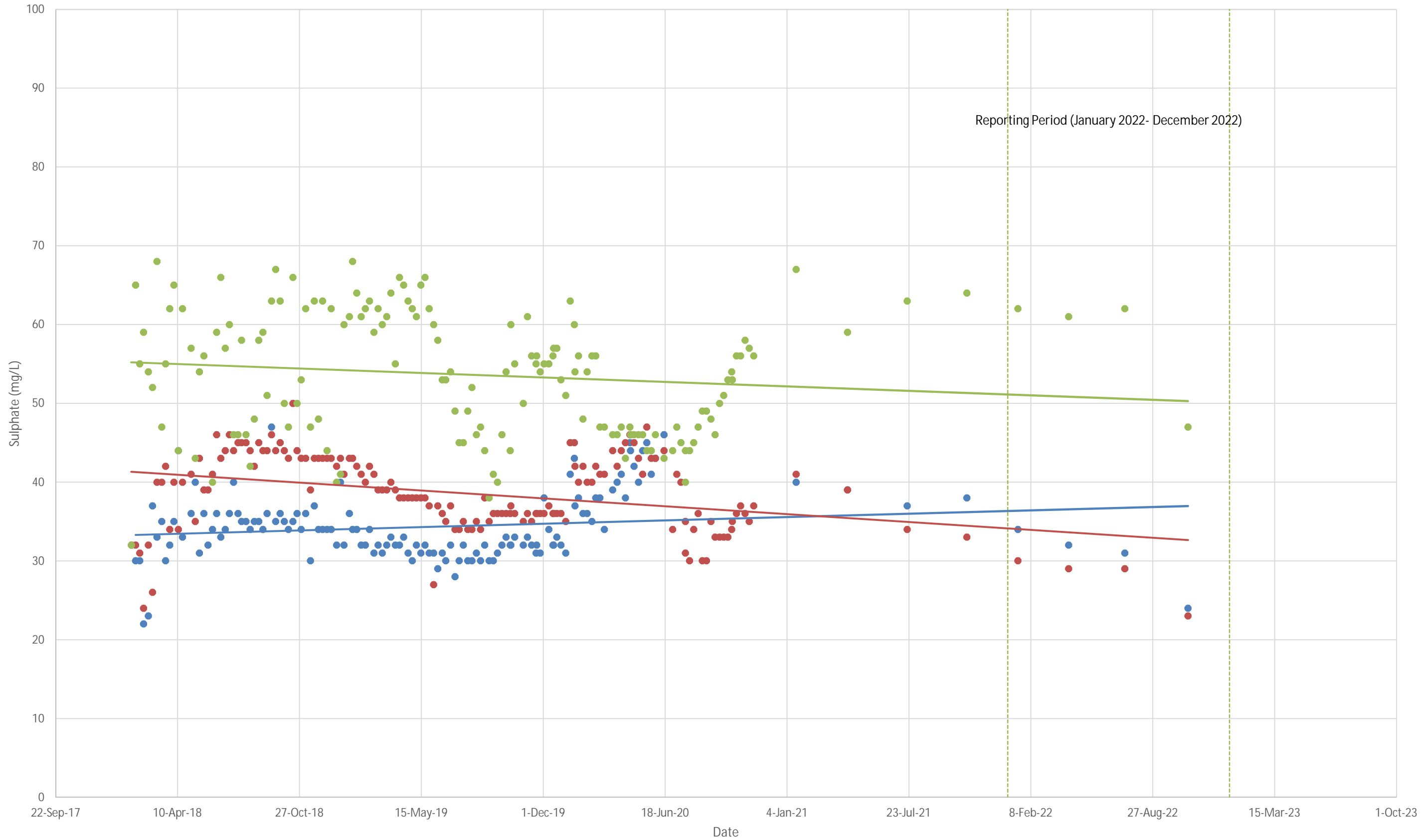
- Well #1
- Well #2
- Well #3
- Linear (Well #1)
- Linear (Well #2)
- Linear (Well #3)

Reporting Period (January 2022- December 2022)

# Electrical Conductivity - South Bay Production Wells



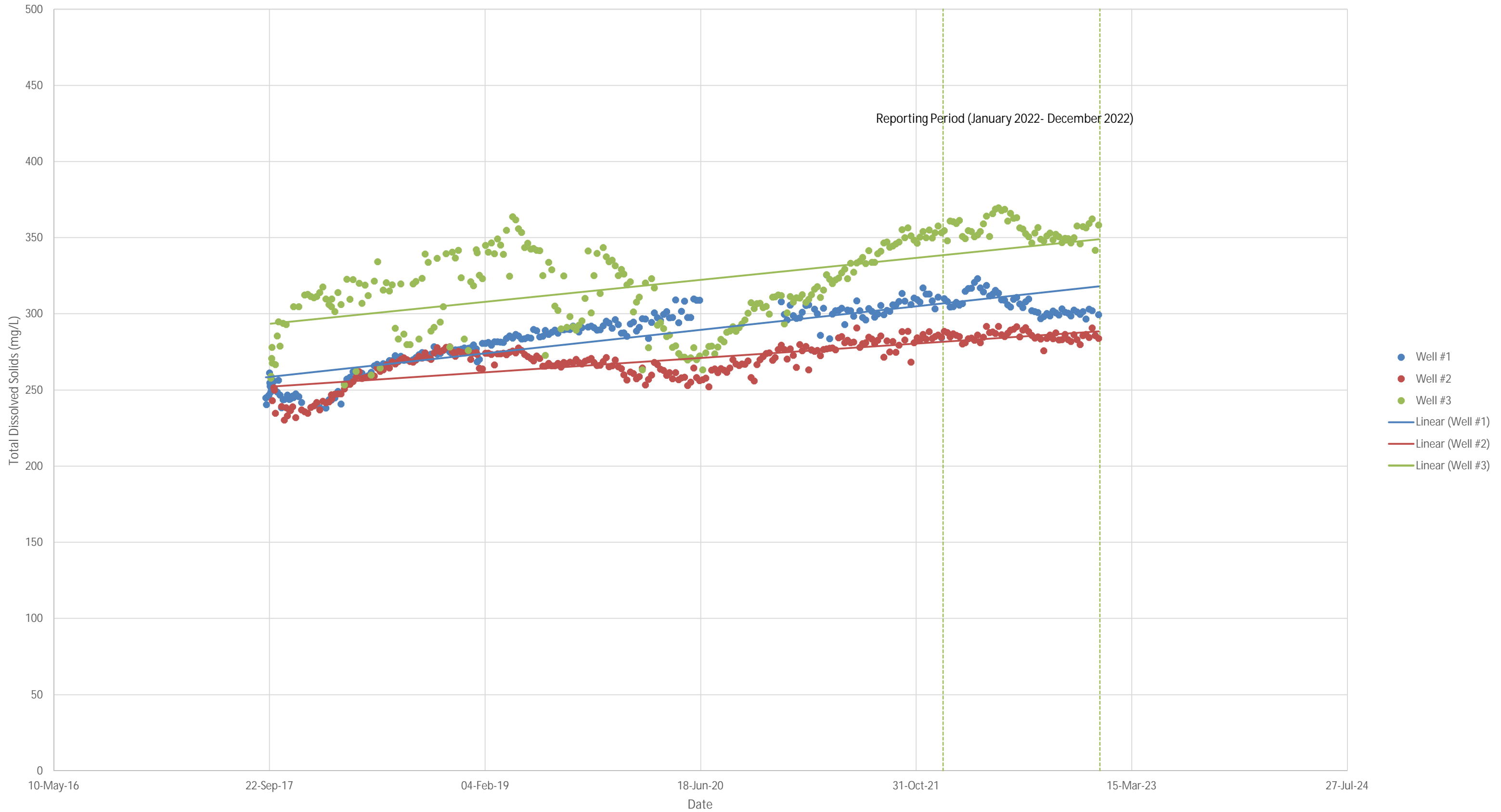
# Sulphate - South Bay Production Wells



- Well #1
- Well #2
- Well #3
- Linear (Well #1)
- Linear (Well #2)
- Linear (Well #3)

Reporting Period (January 2022- December 2022)

# Total Dissolved Solids - South Bay Production Wells



# Appendix S

## 2022 Taste & Odour Data





**SGS Canada Inc.**  
P.O. Box 4300 - 185 Concession St.  
Lakefield - Ontario - KOL 2H0  
Phone: 705-652-2000 FAX: 705-652-6365

**Project :** 2022 972

29-September-2022

**City of Saint John**  
**Attn :** Richard Graves

**Date Rec. :** 16 August 2022  
**LR Report:** CA15213-AUG22

PO Box 1971  
Saint John, NB  
E2L 4L1, Canada

**Copy:** #1

Phone: (506) 632-6144  
Fax:(506) 658-4740

## CERTIFICATE OF ANALYSIS

### Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: MAC	6: Half MAC	7: AO/OG
Sample Date & Time							
Temp Upon Receipt [°C]	---	---	---	---	---	---	---
Gross Alpha [Bq/L]	23-Aug-22	12:00	23-Aug-22	16:45	---	---	---
Gross Beta [Bq/L]	23-Aug-22	12:00	23-Aug-22	16:45	---	---	---
Tritium [Bq/L]	23-Aug-22	11:40	23-Aug-22	16:43	---	---	---
Total Coliform [cfu/100mL]	17-Aug-22	10:11	19-Aug-22	14:43	0	---	---
E.Coli [cfu/100mL]	17-Aug-22	10:11	19-Aug-22	14:43	0	---	---
pH [No unit]	16-Aug-22	17:45	17-Aug-22	13:38	---	---	6.5-8.5
Alkalinity [mg/L as CaCO <sub>3</sub> ]	16-Aug-22	17:45	17-Aug-22	13:38	---	---	30-500
Colour [TCU]	19-Aug-22	11:27	22-Aug-22	10:27	---	---	5
Turbidity [NTU]	16-Aug-22	13:19	17-Aug-22	12:58	1	0.5	5
NTA [mg/L]	23-Aug-22	06:22	26-Aug-22	11:11	0.4	0.2	--
TDS [mg/L]	16-Aug-22	08:53	18-Aug-22	08:06	---	---	500
Organic N [mg/L]	16-Aug-22	16:57	19-Aug-22	14:08	---	---	0.15
TKN [as N mg/L]	16-Aug-22	16:57	18-Aug-22	20:48	---	---	--
NH <sub>3</sub> +NH <sub>4</sub> [as N mg/L]	17-Aug-22	18:27	19-Aug-22	14:08	---	---	--
CN(T) [ug/L]	18-Aug-22	13:01	18-Aug-22	16:35	200	100	---
Sulphide [ug/L]	17-Aug-22	13:36	18-Aug-22	13:41	---	---	50
BrO <sub>3</sub> [mg/L]	29-Aug-22	09:30	02-Sep-22	11:14	0.01	0.005	---
Chlorate [mg/L]	29-Aug-22	09:30	02-Sep-22	11:14	1.0	---	---
Chlorite [mg/L]	29-Aug-22	09:30	02-Sep-22	11:14	1.0	---	---
Chloramines (calc) [mg/L]	30-Aug-22	---	30-Aug-22	---	3.0	---	---
Residual Chlorine [mg/L]	16-Aug-22	16:04	18-Aug-22	09:10			
Total Chlorine [mg/L]	16-Aug-22	16:04	18-Aug-22	09:10			
Cl [mg/L]	26-Aug-22	19:38	30-Aug-22	17:06	---	---	250
F [mg/L]	17-Aug-22	11:02	17-Aug-22	14:47	1.5	0.75	---
SO <sub>4</sub> [mg/L]	26-Aug-22	19:38	30-Aug-22	17:06	---	---	500
NO <sub>2</sub> [as N mg/L]	17-Aug-22	23:34	26-Aug-22	12:36	1	0.5	---
NO <sub>3</sub> [as N mg/L]	17-Aug-22	23:34	26-Aug-22	12:36	10	5	---

Online LIMS

0003067042

<b>Analysis</b>	<b>1: Analysis Start Date</b>	<b>2: Analysis Start Time</b>	<b>3: Analysis Completed Date</b>	<b>4: Analysis Completed Time</b>	<b>5: MAC</b>	<b>6: Half MAC</b>	<b>7: AO/OG</b>
NO2+NO3 [as N mg/L]	17-Aug-22	23:34	26-Aug-22	12:36	---	5	---
Hardness [mg/L as CaCO3]	19-Aug-22	08:38	19-Aug-22	12:44	---	---	80-100
Al [µg/L]	19-Aug-22	08:38	19-Aug-22	12:44	---	---	100
As [µg/L]	19-Aug-22	08:38	19-Aug-22	12:44	10	5	---
Ba [µg/L]	19-Aug-22	08:38	19-Aug-22	12:44	1000	500	---
B [µg/L]	19-Aug-22	08:38	19-Aug-22	12:44	5000	2500	---
Ca [mg/L]	19-Aug-22	08:38	19-Aug-22	12:44	---	---	---
Cd [µg/L]	19-Aug-22	08:38	19-Aug-22	12:44	5	2.5	---
Cr [µg/L]	19-Aug-22	08:38	19-Aug-22	12:44	50	25	---
Cu [µg/L]	19-Aug-22	08:38	19-Aug-22	12:44	---	---	1000
Fe [ug/L]	19-Aug-22	08:38	19-Aug-22	12:44	---	---	300
Hg [µg/L]	18-Aug-22	09:40	19-Aug-22	11:57	1	0.5	---
Na [mg/L]	19-Aug-22	08:38	19-Aug-22	12:48	20	10	200
Mg [mg/L]	19-Aug-22	08:38	19-Aug-22	12:48	---	---	---
Mn [µg/L]	19-Aug-22	08:38	19-Aug-22	12:48	---	---	50
Pb [µg/L]	19-Aug-22	08:38	19-Aug-22	12:48	10	5	---
Sb [µg/L]	19-Aug-22	08:38	19-Aug-22	12:48	6	3	---
Se [µg/L]	19-Aug-22	08:38	19-Aug-22	12:48	50	25	---
U [µg/L]	19-Aug-22	08:38	19-Aug-22	12:48	20	10	---
Zn [µg/L]	19-Aug-22	08:38	19-Aug-22	12:48	---	---	5000
DOC [mg/L]	17-Aug-22	16:02	22-Aug-22	12:36	---	---	5
MIB [ng/L]	16-Aug-22	20:08	19-Aug-22	15:01	---	---	---
Geosmin [ng/L]	16-Aug-22	20:08	19-Aug-22	15:01	---	---	---
Methane [L/m3]	22-Aug-22	10:58	23-Aug-22	15:09	---	---	3
Benzene [ug/L]	20-Aug-22	09:16	22-Aug-22	16:41	1	0.5	---
Carbon tetrachloride [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	2	1	---
1,2-Dichlorobenzene [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	200	100	---
1,4-Dichlorobenzene [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	5	2.5	1
1,1-Dichloroethylene [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	14	7	---
1,2-Dichloroethane [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	5	2.5	---
Dichloromethane [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	50	25	---
Ethylbenzene [ug/L]	20-Aug-22	09:16	22-Aug-22	16:41	140	---	1.6
Monochlorobenzene [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	80	40	30
Tetrachloroethylene [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	10	5	---
Toluene [ug/L]	20-Aug-22	09:16	22-Aug-22	16:41	60	---	24
Trichloroethylene [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	5	2.5	---
THMs (total) [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	100 (RAA)	50	---
Bromodichloromethane [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	---	---	---
Bromoform [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	---	---	---
Chloroform [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	---	---	---
Dibromochloromethane [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	---	---	---
Vinyl Chloride [µg/L]	20-Aug-22	09:16	22-Aug-22	16:41	1	0.5	---

Analysis	1:	2:	3:	4:	5:	6:	7:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	MAC	Half MAC	AO/OG
Xylene (total) [ug/L]	20-Aug-22	09:16	22-Aug-22	16:41	90	---	20
m-p-xylene [ug/L]	20-Aug-22	09:16	22-Aug-22	16:41	---	---	---
o-xylene [ug/L]	20-Aug-22	09:16	22-Aug-22	16:41	---	---	---
Diquat [ug/L]	21-Aug-22	17:00	27-Aug-22	10:54	70	35	---
Paraquat [ug/L]	21-Aug-22	17:00	27-Aug-22	10:54	10	5	---
Glyphosate [ug/L]	22-Aug-22	18:03	29-Aug-22	16:09	280	140	---
PCB (tot) [µg/L]	18-Aug-22	14:55	22-Aug-22	12:45	3	1.5	---
NDMA [µg/L]	23-Aug-22	09:00	25-Aug-22	15:22	0.009	0.0045	---
Benzo(a)pyrene [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.01	0.005	---
Alachlor [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	5	2.5	---
Aldicarb [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.1	---	---
Aldrin [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.1	---	---
Dieldrin [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.1	---	---
Aldrin + Dieldrin [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.1	---	---
Atrazine + N-dealkyl [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	5	2.5	---
Atrazine [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	---	---	---
Desethyl atrazine [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	---	---	---
Azinphos-methyl [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	20	10	---
Bendiocarb [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.1	---	---
Carbaryl [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	90	45	---
Carbofuran [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	90	45	---
Chlordane (total) [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.1	---	---
Chlorpyrifos [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	90	45	---
Cyanazine [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	0.1	---	---
Diazinon [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	20	10	---
Dimethoate [µg/L]	18-Aug-22	12:48	22-Aug-22	13:41	20	10	---
Dinoseb [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	---	---	---
Diuron [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	150	75	---
(DDT) + Metabolites [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---
Heptachlor [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---
Heptachlor epoxide [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---
Heptachlor + Heptach [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---
Lindane [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---
Malathion [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	190	95	---
Methoxychlor [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---
Metolachlor [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	50	25	---
Metribuzin [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	80	40	---
Parathion [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---
Phorate [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	2	1	---
Prometryne [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	1	0.5	---
Simazine [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	10	5	---
Temephos [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	0.1	---	---

Analysis	1:	2:	3:	4:	5:	6:	7:
	Analysis Start Date	Analysis Start Time	Analysis Completed Date	Analysis Completed Time	MAC	Half MAC	AO/OG
Terbufos [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	1	0.5	---
Triallate [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	230	115	---
2,4,5-T [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	---	---	---
Trifluralin [µg/L]	18-Aug-22	12:48	22-Aug-22	13:42	45	22.5	---
2,4-dichlorophenoxya [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	100	50	---
Bromoxynil [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	5	2.5	---
Dicamba [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	120	60	---
Diclofop-methyl [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	9	4.5	---
MCPA [mg/L]	17-Aug-22	11:34	22-Aug-22	15:33	0.1	0.05	---
Picloram [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	190	95	---
2,4-dichlorophenol [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	900	450	0.3
2,4,6-trichloropheno [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	5	2.5	2
2,3,4,6-tetrachlorop [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	100	50	1
Pentachlorophenol [µg/L]	17-Aug-22	11:34	22-Aug-22	15:33	60	30	30

Analysis	8:	9:	10:
	MDL	NBSID15509SJWWR9 Latimer Lake	Southbay Wellfield
Sample Date & Time		15-Aug-22 10:30	15-Aug-22 14:00
Temp Upon Receipt [°C]	---	15.0	15.0
Gross Alpha [Bq/L]	0.1	< 0.1	< 0.1
Gross Beta [Bq/L]	0.1	0.2	< 0.1
Tritium [Bq/L]	100	<100	<100
Total Coliform [cfu/100mL]	---	NDOGT	0
E.Coli [cfu/100mL]	---	NDOGT	0
pH [No unit]	5.00	7.04	8.10
Alkalinity [mg/L as CaCO3]	2	8	145
Colour [TCU]	3	11	< 3
Turbidity [NTU]	0.10	0.30	0.10
NTA [mg/L]	0.03	0.03 <MDL	0.03 <MDL
TDS [mg/L]	30	389	51
Organic N [mg/L]	0.05	0.10	< 0.05
TKN [as N mg/L]	0.05	0.10	< 0.05
NH3+NH4 [as N mg/L]	0.04	< 0.04	<0.04
CN(T) [ug/L]	2	< 2	< 2
Sulphide [µg/L]	6	< 6	< 6
BrO3 [mg/L]	0.005	0.005 <MDL	0.005 <MDL
Chlorate [mg/L]	0.01	0.01 <MDL	0.02
Chlorite [mg/L]	0.01	0.01 <MDL	0.01 <MDL
Chloramines (calc) [mg/L]	0.02	< 0.02	< 0.02
Residual Chlorine [mg/L]	0.02	0.02	< 0.02

<b>Analysis</b>	<b>8: MDL</b>	<b>9: NBSID15509SJWWR9 Latimer Lake</b>	<b>10: Southbay Wellfield</b>
Total Chlorine [mg/L]	0.02	0.02	< 0.02
Cl [mg/L]	0.04	6.0	97
F [mg/L]	0.06	< 0.06	0.08
SO4 [mg/L]	0.04	1.9	42
NO2 [as N mg/L]	0.003	0.003 <MDL	0.005
NO3 [as N mg/L]	0.006	0.021	0.752
NO2+NO3 [as N mg/L]	0.006	0.021	0.757
Hardness [mg/L as CaCO3]	0.05	11.3	231
Al [µg/L]	1	11	< 1
As [µg/L]	0.2	0.2	1.3
Ba [µg/L]	0.02	8.48	92.4
B [µg/L]	2	8	48
Ca [mg/L]	0.01	3.44	72.6
Cd [µg/L]	0.003	0.003	0.009
Cr [µg/L]	0.08	0.20	0.24
Cu [µg/L]	0.2	0.6	0.3
Fe [µg/L]	7	12	11
Hg [µg/L]	0.01	0.04	0.06
Na [mg/L]	0.01	3.89	25.1
Mg [mg/L]	0.001	0.655	12.1
Mn [µg/L]	0.01	7.56	6.78
Pb [µg/L]	0.01	0.02	< 0.01
Sb [µg/L]	0.6	< 0.6	< 0.6
Se [µg/L]	0.04	0.07	0.19
U [µg/L]	0.002	0.019	3.26
Zn [µg/L]	2	< 2	< 2
DOC [mg/L]	1	4	< 1
MIB [ng/L]	3	3 <MDL	3 <MDL
Geosmin [ng/L]	3	3 <MDL	3 <MDL
Methane [L/m3]	0.02	0.02 <MDL	0.02 <MDL
Benzene [ug/L]	0.32	0.32 <MDL	0.32 <MDL
Carbon tetrachloride [µg/L]	0.17	0.17 <MDL	0.17 <MDL
1,2-Dichlorobenzene [µg/L]	0.41	0.41 <MDL	0.41 <MDL
1,4-Dichlorobenzene [µg/L]	0.36	0.36 <MDL	0.36 <MDL
1,1-Dichloroethylene [µg/L]	0.33	0.33 <MDL	0.33 <MDL
1,2-Dichloroethane [µg/L]	0.35	0.35 <MDL	0.35 <MDL
Dichloromethane [µg/L]	0.35	0.35 <MDL	0.35 <MDL
Ethylbenzene [ug/L]	0.33	0.33 <MDL	0.33 <MDL
Monochlorobenzene [µg/L]	0.30	0.3 <MDL	0.3 <MDL
Tetrachloroethylene [µg/L]	0.35	0.35 <MDL	0.35 <MDL
Toluene [ug/L]	0.36	0.36 <MDL	0.36 <MDL
Trichloroethylene [µg/L]	0.44	0.44 <MDL	0.44 <MDL

<b>Analysis</b>	<b>8: MDL</b>	<b>9: NBSID15509SJWWR9 Latimer Lake</b>	<b>10: Southbay Wellfield</b>
THMs (total) [µg/L]	0.37	0.37 <MDL	0.38
Bromodichloromethane [µg/L]	0.26	0.26 <MDL	0.26 <MDL
Bromoform [µg/L]	0.34	0.34 <MDL	0.34 <MDL
Chloroform [µg/L]	0.29	0.29 <MDL	0.38
Dibromochloromethane [µg/L]	0.37	0.37 <MDL	0.37 <MDL
Vinyl Chloride [µg/L]	0.17	0.17 <MDL	0.17 <MDL
Xylene (total) [ug/L]	0.43	0.43 <MDL	0.43 <MDL
m-p-xylene [ug/L]	0.43	0.43 <MDL	0.43 <MDL
o-xylene [ug/L]	0.17	0.17 <MDL	0.17 <MDL
Diquat [ug/L]	1	1 <MDL	1 <MDL
Paraquat [ug/L]	1	1 <MDL	1 <MDL
Glyphosate [ug/L]	1	1 <MDL	1 <MDL
PCB (tot) [µg/L]	0.04	0.04 <MDL	0.04 <MDL
NDMA [µg/L]	0.0009	0.0009 <MDL	0.0009 <MDL
Benzo(a)pyrene [µg/L]	0.004	0.004 <MDL	0.004 <MDL
Alachlor [µg/L]	0.02	0.02 <MDL	0.02 <MDL
Aldicarb [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Aldrin [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Dieldrin [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Aldrin + Dieldrin [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Atrazine + N-dealkyl [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Atrazine [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Desethyl atrazine [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Azinphos-methyl [µg/L]	0.05	0.05 <MDL	0.05 <MDL
Bendiocarb [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Carbaryl [µg/L]	0.05	0.05 <MDL	0.05 <MDL
Carbofuran [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Chlordane (total) [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Chlorpyrifos [µg/L]	0.02	0.02 <MDL	0.02 <MDL
Cyanazine [µg/L]	0.03	0.03 <MDL	0.03 <MDL
Diazinon [µg/L]	0.02	0.02 <MDL	0.02 <MDL
Dimethoate [µg/L]	0.06	0.06 <MDL	0.06 <MDL
Dinoseb [µg/L]	0.36	0.36 <MDL	0.36 <MDL
Diuron [µg/L]	0.03	0.03 <MDL	0.03 <MDL
(DDT) + Metabolites [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Heptachlor [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Heptachlor epoxide [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Heptachlor + Heptach [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Lindane [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Malathion [µg/L]	0.02	0.02 <MDL	0.02 <MDL
Methoxychlor [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Metolachlor [µg/L]	0.01	0.01 <MDL	0.01 <MDL

<b>Analysis</b>	<b>8: MDL</b>	<b>9: NBSID15509SJWWR9 Latimer Lake</b>	<b>10: Southbay Wellfield</b>
Metribuzin [µg/L]	0.02	0.02 <MDL	0.02 <MDL
Parathion [µg/L]	0.02	0.02 <MDL	0.02 <MDL
Phorate [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Prometryne [µg/L]	0.03	0.03 <MDL	0.03 <MDL
Simazine [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Temephos [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Terbufos [µg/L]	0.01	0.01 <MDL	0.01 <MDL
Triallate [µg/L]	0.01	0.01 <MDL	0.01 <MDL
2,4,5-T [µg/L]	0.22	0.22 <MDL	0.22 <MDL
Trifluralin [µg/L]	0.02	0.02 <MDL	0.02 <MDL
2,4-dichlorophenoxya [µg/L]	0.19	0.19 <MDL	0.19 <MDL
Bromoxynil [µg/L]	0.33	0.33 <MDL	0.33 <MDL
Dicamba [µg/L]	0.20	0.20 <MDL	0.20 <MDL
Diclofop-methyl [µg/L]	0.40	0.40 <MDL	0.40 <MDL
MCPA [mg/L]	0.00012	0.00012 <MDL	0.00012 <MDL
Picloram [µg/L]	1	1 <MDL	1 <MDL
2,4-dichlorophenol [µg/L]	0.15	0.15 <MDL	0.15 <MDL
2,4,6-trichloropheno [µg/L]	0.25	0.25 <MDL	0.25 <MDL
2,3,4,6-tetrachlorop [µg/L]	0.2	0.20 <MDL	0.20 <MDL
Pentachlorophenol [µg/L]	0.15	0.15 <MDL	0.15 <MDL

MAC - Maximum Acceptable Concentration  
 AO/OG - Aesthetic Objective / Operational Guideline  
 MDL - SGS Method Detection Limit

Dioxins/Furans - sub-contracted to Wellington Laboratories.  
 Note: Cyanide reported as total cyanide. The total cyanide incorporates all species of cyanide including free cyanide.  
 NDOGT - No Data: Overgrown with Target Bacteria

*Catharine Arnold*  
 Catharine Arnold, B.Sc., C.Chem  
 Project Specialist,  
 Environment, Health & Safety

**SGS Canada Inc.**  
P.O. Box 4300 - 185 Concession St.  
Lakefield - Ontario - K0L 2H0  
Phone: 705-652-2000 FAX: 705-652-6365

**Project :** Contract #: 2021-081001QA

28-November-2022

**City of Saint John**  
**Attn :** Richard Graves

**Date Rec. :** 19 October 2022  
**LR Report:** CA17204-OCT22  
**Reference:** Mastercard

PO Box 1971  
Saint John, NB  
E2L 4L1, Canada

**Copy:** #1

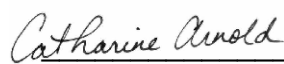
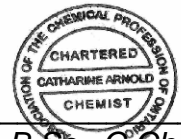
Phone: (506) 632-6144  
Fax:(506) 658-4740

## CERTIFICATE OF ANALYSIS

### Final Report

Sample ID	Sample Date & Time	Temp Upon Receipt °C	Geosmin ng/L	MIB ng/L
1: Analysis Start Date		---	21-Oct-22	21-Oct-22
2: Analysis Start Time		---	18:17	18:17
3: Analysis Completed Date		---	25-Oct-22	25-Oct-22
4: Analysis Completed Time		---	17:41	17:41
5: MDL		---	3	3
6: NBSID15509 Latimer Lake Raw	18-Oct-22 10:00	10.0	3 <MDL	3 <MDL

MDL - SGS Method Detection Limit

  
  
**Catharine Arnold, B.Sc., C.Chem**  
**Project Specialist,**  
**Environment, Health & Safety**





**SGS Canada Inc.**  
P.O. Box 4300 - 185 Concession St.  
Lakefield - Ontario - K0L 2H0  
Phone: 705-652-2000 FAX: 705-652-6365

**City of Saint John**  
Attn : Richard Graves

PO Box 1971  
Saint John, NB  
E2L 4L1, Canada

Phone: (506) 632-6144  
Fax:(506) 658-4740

**Project :** Contract #: 2021-081001QA

28-November-2022

**Date Rec. :** 15 November 2022  
**LR Report:** CA16720-NOV22  
**Reference:** To Be Paid by Mastercard

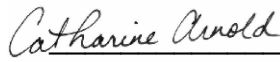

**Copy:** #1

## CERTIFICATE OF ANALYSIS

### Final Report

Sample ID	Sample Date & Time	Temp Upon Receipt °C	Geosmin ng/L	MIB ng/L
1: Analysis Start Date		---	16-Nov-22	16-Nov-22
2: Analysis Start Time		---	21:47	21:47
3: Analysis Completed Date		---	18-Nov-22	18-Nov-22
4: Analysis Completed Time		---	14:41	14:41
5: MDL		---	3	3
6: NBSID15509 Latimer Lake Raw	14-Nov-22 10:00	7.0	3 <MDL	3 <MDL

MDL - SGS Method Detection Limit

  
  
**Catharine Arnold, B.Sc., C.Chem**  
**Project Specialist,**  
**Environment, Health & Safety**

## Appendix T

### 2022 Water Quality Flushing's Inventory



**SAINT JOHN WATER  
2022 WATER QUALITY FLUSHINGS**

No Continuous Flushing Required in 2022

# Appendix U

## 2022 Bulk Water Testing

### Latimer Lake and South Bay Wellfield

## Comprehensive Water Quality Analysis 2022

Parameter	Units	CDWQG MAC	Latimer Lake	Southbay Wellfield
Sample date			August 15, 2022	August 15, 2022
<b>INORGANIC PARAMETERS</b>				
Antimony (total)	mg/L	0.006	< 0.0006	< 0.0006
Alkalinity (total, as CaCO <sub>3</sub> )	mg/L	30-500	8	145
Aluminum	mg/L	2.9	0.011	< 0.001
Ammonia (total, as N)	mg/L		< 0.04	< 0.04
Arsenic (total)	mg/L	0.01	0.0002	0.0013
Barium (total)	mg/L	2	0.0085	0.0924
Boron (total)	mg/L	5	0.008	0.048
Bromate	mg/L	0.01	< 0.005	< 0.005
Cadmium (total)	mg/L	0.007	0.000003	0.000009
Calcium (total)	mg/L		3.44	72.6
Chloride	mg/L	* ≤ 250 *	6.0	97.0
Chromium (total)	mg/L	0.05	0.00020	0.00024
Colour	TCU	* ≤ 15*	11	< 3
Copper (total)	mg/L	2	0.0006	0.0003
Cyanide (free)	mg/L		< 0.002	< 0.002
Cyanide (total)	mg/L	0.2	< 0.002	< 0.002
Fluoride	mg/L	1.5	< 0.06	0.08
Hardness (total, as CaCO <sub>3</sub> )	mg/L	* ≤ 500 *	11	231
Iron (total)	mg/L	* ≤ 0.3 *	0.012	0.011
Lead (total)	mg/L	0.005	0.00002	< 0.00001
Magnesium (total)	mg/L		0.655	12.1
Manganese (total)	mg/L	0.12	0.0076	0.0068
Mercury (total)	mg/L	0.001	0.00004	0.00006
Nitrate (as N)	mg/L	10	0.021	0.752
Nitrate + Nitrite (as N)	mg/L	10	0.021	0.757
Nitrilotriacetic acid / NTA	mg/L	0.4	< 0.03	< 0.03
Nitrite (as N)	mg/L	1	< 0.003	0.005
pH		7.00 - 10.5	7.04	8.10
Selenium (total)	mg/L	0.05	0.00007	0.00019
Sodium (total)	mg/L	* ≤ 200 *	3.89	25.1
Sulphate	mg/L	* ≤ 500 *	1.9	42.0
Sulphide (total, as S)	mg/L	* ≤ 0.05 *	< 0.006	< 0.006
Total dissolved solids / TDS	mg/L	* ≤ 500 *	51	389
Turbidity	NTU	1	0.30	0.10
Uranium (total)	mg/L	0.02	0.000019	0.00326
Zinc (total)	mg/L	* ≤ 5 *	< 0.002	< 0.002
Chlorate	mg/L	1	< 0.01	0.02
Chlorite	mg/L	1	< 0.01	< 0.01
Chloramines (calc)	mg/L		< 0.02	< 0.02
Residual Chlorine	mg/L		0.02	< 0.02
Total Chlorine	mg/L		0.02	< 0.02

CDWQG - Canadian Drinking Water Quality Guidelines

MAC - Maximum Acceptable Concentration

\*AO\* - Aesthetic Objective

mg/L - milligrams per liter

µg/L - micrograms per liter

ng/L - nanograms per liter

## Comprehensive Water Quality Analysis 2022

Parameter	Units	CDWQG MAC	Latimer Lake	Southbay Wellfield
Sample date			August 15, 2022	August 15, 2022
<b>ORGANIC PARAMETERS</b>				
1,1-Dichloroethylene	ug/L	14	< 0.33	< 0.33
1,2-Dichlorobenzene	ug/L		< 0.41	< 0.41
1,2-Dichloroethane	ug/L	5	< 0.35	< 0.35
1,4-Dichlorobenzene	ug/L	5	< 0.36	< 0.36
2,3,4,6-Tetrachlorophenol	ug/L	100	< 0.20	< 0.20
2,4,6-Trichlorophenol	ug/L	5	< 0.25	< 0.25
2,4-Dichlorophenol	ug/L	900	< 0.15	< 0.15
2-Methylisoborneol	ng/L		< 3	< 3
Benzene	ug/L	5	< 0.32	< 0.32
Benzo[a]pyrene	ug/L	0.04	< 0.004	< 0.004
Bromodichloromethane	ug/L		< 0.26	< 0.26
Bromoform	ug/L		< 0.34	< 0.34
Carbon tetrachloride	ug/L	2	< 0.17	< 0.17
Chloroform	ug/L		< 0.29	0.38
Dibromochloromethane	ug/L		< 0.37	< 0.37
Dichloromethane	ug/L	50	< 0.35	< 0.35
Dissolved Organic Carbon	mg/L		4	< 1
Ethylbenzene	ug/L	140	< 0.33	< 0.33
Geosmin	ng/L		< 3	< 3
Methane	L/m <sup>3</sup>	*3*	< 0.02	< 0.02
Microcystin-LR	ug/L	1.5	< 0.1	< 0.1
Monochlorobenzene	ug/L		< 0.3	< 0.3
m-Xylene	ug/L		< 0.43	< 0.43
N-Nitrosodimethylamine (NDMA)	ug/L	0.04	< 0.0009	< 0.0009
Organic Nitrogen	mg/L		0.10	< 0.05
o-Xylene	ug/L		< 0.17	< 0.17
Pentachlorophenol / PCP	ug/L	60	< 0.15	< 0.15
Polychlorinated Biphenyls / PCBs	ug/L		< 0.04	< 0.04
Tetrachloroethylene	ug/L	10	< 0.35	< 0.35
Toluene	ug/L	60	< 0.36	< 0.36
Total Kjeldahl Nitrogen / TKN	mg/L		0.10	< 0.05
Total Trihalomethanes / TTHM	ug/L	100	< 0.37	0.38
Total Xylenes	ug/L	90	< 0.43	< 0.43
Trichloroethylene	ug/L	5	< 0.44	< 0.44
Vinyl chloride	ug/L	2	< 0.17	< 0.17
Total Coliform	cfu	0	ND	0
E. Coli	cfu	0	ND	0

CDWQG - Canadian Drinking Water Quality Guidelines

MAC - Maximum Acceptable Concentration

\*AO\* - Aesthetic Objective

mg/L - milligrams per liter

µg/L - micrograms per liter

ng/L - nanograms per liter

pg/L - picograms per liter

Bq/L - Becquerels per liter

TCU - True Color Units

NTU - Nephelometric Turbidity Units

L/m<sup>3</sup> - Liters per cubic meter

## Comprehensive Water Quality Analysis 2022

Parameter	Units	CDWQG MAC	Latimer Lake	Southbay Wellfield
Sample date			August 15, 2022	August 15, 2022
<b>PESTICIDES</b>				
2,4-Dichlorophenoxyacetic acid / 2,4-D	ug/L	100	< 0.19	< 0.19
Alachlor	ug/L		< 0.02	< 0.02
Aldicarb	ug/L		< 0.01	< 0.01
Aldrin + dieldrin	ug/L		< 0.01	< 0.01
Atrazine	ug/L	5	< 0.01	< 0.01
Atrazine + N-dealkylated metabolites	ug/L	5	< 0.01	< 0.01
Atrazine-desethyl	ug/L		< 0.01	< 0.01
Azinophos-methyl	ug/L	20	< 0.05	< 0.05
Bendiocarb	ug/L		< 0.01	< 0.01
Bromoxynil	ug/L	5	< 0.33	< 0.33
Carbaryl	ug/L		< 0.05	< 0.05
Carbofuran	ug/L		< 0.01	< 0.01
Chlordane	ug/L		< 0.01	< 0.01
Chlorpyrifos	ug/L	90	< 0.02	< 0.02
Cyanazine	ug/L		< 0.03	< 0.03
Diazinon	ug/L	20	< 0.02	< 0.02
Dicamba	ug/L	120	< 0.20	< 0.20
Diclofop-methyl	ug/L	9	< 0.40	< 0.40
Dimethoate	ug/L	20	< 0.06	< 0.06
Dinoseb	ug/L	10	< 0.36	< 0.36
Diquat	ug/L	50	< 1	< 1
Diuron	ug/L	150	< 0.03	< 0.03
Glyphosate	ug/L	280	< 1	< 1
Heptachlor	ug/L		< 0.01	< 0.01
Heptachlor & heptachlor epoxide	ug/L		< 0.01	< 0.01
Dichlorodiphenyltrichloroethane (DDT)	mg/L	100	< 0.00001	< 0.00001
Lindane	mg/L	100	< 0.00001	< 0.00001
Malathion	ug/L	190	< 0.02	< 0.02
MCPA	mg/L	100	< 0.00012	< 0.00012
Methoxychlor	ug/L	900	< 0.01	< 0.01
Metolachlor	ug/L	50	< 0.01	< 0.01
Metribuzin	ug/L	80	< 0.02	< 0.02
Paraquat	ug/L		< 1	< 1
Parathion	ug/L	50	< 0.02	< 0.02
Phorate	ug/L	2	< 0.01	< 0.01
Picloram	ug/L	190	< 1	< 1
Prometryn	ug/L		< 0.03	< 0.03
Simazine	ug/L	10	< 0.01	< 0.01
Temephos	ug/L		< 0.01	< 0.01
Terbufos	ug/L	1	< 0.01	< 0.01
Triallate	ug/L		< 0.01	< 0.01
Trifluralin	ug/L	45	< 0.02	< 0.02
2,4,5-Trichlorophenoxyacetic acid	ug/L		< 0.22	< 0.22

CDWQG - Canadian Drinking Water Quality Guidelines

MAC - Maximum Acceptable Concentration

\*AO\* - Aesthetic Objective

mg/L - milligrams per liter

µg/L - micrograms per liter

ng/L - nanograms per liter

pg/L - picograms per liter

## Comprehensive Water Quality Analysis 2022

Parameter	Units	CDWQG MAC	Latimer Lake	Southbay Wellfield
Sample date			August 15, 2022	August 15, 2022
<b>RADIOLOGICAL</b>				
Gross Alpha	Bq/L	0.5	< 0.1	< 0.1
Gross Beta	Bq/L	1.0	0.2	< 0.1
Tritium	Bq/L	7000	< 100	< 100
<b>DIOXINS &amp; FURANS</b>				
2,3,7,8-TCDD	pg/L		< 2.15	< 1.84
1,2,3,7,8-Pentachlorodioxin	pg/L		< 1.86	< 1.88
1,2,3,4,7,8-Hexachlorodioxin	pg/L		< 1.86	< 2.23
1,2,3,6,7,8-Hexachlorodioxin	pg/L		< 1.70	< 1.93
1,2,3,7,8,9-Hexachlorodioxin	pg/L		< 1.72	< 1.86
1,2,3,4,6,7,8-Heptachlorodioxin	pg/L		< 3.36	< 3.51
OCDD	pg/L		28.8	< 29.9
2,3,7,8-TCDF	pg/L		< 1.28	< 1.07
1,2,3,7,8-Pentachlorofuran	pg/L		< 1.37	< 1.24
2,3,4,7,8-Pentachlorofuran	pg/L		< 1.40	< 1.31
1,2,3,4,7,8-Hexachlorofuran	pg/L		< 1.42	< 0.85
1,3,4,6,7,8-Hexachlorofuran	pg/L		< 1.52	< 0.95
2,3,4,6,7,8-Hexachlorofuran	pg/L		< 1.66	< 0.95
1,2,3,7,8,9-Hexachlorofuran	pg/L		< 1.79	< 1.01
1,2,3,4,6,7,8-Heptachlorofuran	pg/L		< 1.39	< 1.04
1,2,3,4,7,8,9-Heptachlorofuran	pg/L		< 2.02	< 1.44
OCDF	pg/L		< 3.98	< 3.59

CDWQG - Canadian Drinking Water Quality Guidelines

MAC - Maximum Acceptable Concentration

\*AO\* - Aesthetic Objective

mg/L - milligrams per liter

µg/L - micrograms per liter

ng/L - nanograms per liter

pg/L - picograms per liter

Bq/L - Becquerels per liter

TCU - True Color Units

NTU - Nephelometric Turbidity Units

L/m<sup>3</sup> - Liters per cubic meter