



**2025  
PUBLIC WATER SUPPLY SYSTEM  
ANNUAL REPORT**

Brandon, Manitoba

## 2025 PUBLIC WATER SUPPLY SYSTEM Annual Report

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## **INTRODUCTION**

### **1.0 PREAMBLE**

The City of Brandon Water Supply System is pleased to present this year’s Annual Report. This report provides information about the quality of water services delivered to the City of Brandon every day. The goal is to provide all water users with a safe and reliable drinking water supply and to inform existing and future users of the efforts made to continually improve the water supply system.

The City of Brandon (the City) owns and operates its public water supply system and it is regulated by the Province’s Office of Drinking Water to produce potable water under the *Drinking Water Safety Act*. In accordance with the *Drinking Water Safety Act*, the City’s water supply system operates under a provincial licence. The Operating Licence has a five-year term and prescribes the terms and conditions required in order for the Utility to remain in compliance with the *Act*. The *Act* and supporting regulations can be viewed at the following website:

- [Environment and Climate Change | Province of Manitoba \(gov.mb.ca\)](https://www.gov.mb.ca)

This Annual Report will cover all compliance and non-compliance issues within the regulations and will discuss any corrective actions required to bring non-compliance issues within compliance as per the regulations.

### **2.0 DESCRIPTION OF THE WATER SUPPLY SYSTEM**

The City of Brandon has been providing water to the community since 1893, and in its current location since 1905. The City’s current Public Water Supply System provides potable water to an estimated 61,860 residents. The treated water that the water system provides has a defined number of parameters that are used to establish and monitor potable water quality. These parameters are to be in compliance with the Province of Manitoba *Drinking Water Quality Standards Regulation* under the *Drinking Water Safety Act*.

The Province of Manitoba regulates the City of Brandon water infrastructure and designates the associated facility classifications as stated in the *Water and Wastewater Facility Operators Regulation* under the *Environment Act*, as indicated in **Table 1**. The Operators in each of the facilities must obtain individual Certifications through training and experience to match those of the facility where they work.

**Table 1. City of Brandon Water Facility Classifications**

<b>Facility</b>	<b>Classification</b>
Water Treatment Facility	Class IV
Water Distribution Facility	Class IV

## **2.1 Water Treatment Source Water Supply**

The City's Water Treatment Facility draws its source from the Assiniboine River. The Assiniboine's flow in Brandon is primarily controlled upstream by the Shellmouth Dam located north of Russell, Manitoba. Major tributaries to the Assiniboine River are the Qu'Appelle River from the west and the Little Saskatchewan River from the north, with dams at Minnedosa, Rapid City, and Rivers, Manitoba.

Water flows from the Assiniboine River to the City's intake wells through four gates located in the intake structure on the riverbank. From these gates, the water flows into two separate intake chambers and then through 1500 mm pipes from each chamber to a central circular well. From the circular well, the water flows through a 1500 mm pipe approximately 300 meters to the raw water wells located inside the Water Treatment Facility.

Potassium permanganate and activated carbon are added to the raw water, prior to entering the Water Treatment Facility, to help reduce taste and odor producing compounds during the spring and summer months.

## **2.2 Water Treatment Process**

The City of Brandon currently utilizes a conventional water treatment process. The multiple barrier treatment approach is the guiding principle for providing safe drinking water. Low lift pumps deliver the raw water directly to three solid contact units inside the Water Treatment Facility. These units have a combined nominal design capacity of 54ML (million liters) per day. The two smaller process trains each have a nominal design capacity of 13.6ML per day. The largest process train has a nominal design capacity of 27.2ML per day. Each process train combines the functions of solids contacting, mixing, coagulation, flocculation, solids-water separation and sludge removal inside a single tank. Alum is added at the low lift pumps for coagulation and anionic polymer is added to the solids contact unit for flocculation. Lime and soda ash are added into the solids contact units to soften the water.

Chemicals are added to the solids contact units by feed pipes from the new chemical plant's feed systems. These pipes extend down into the reaction zone of the solids contact units. The excess sludge that is formed settles and is removed from the process by blow down valves at the bottom of each of these units. This sludge goes to a receiving station where the heavier particles settle to the bottom and the clear water overflows a weir and goes back to the river. The heavier sludge is pumped to a gravity thickener inside the Sludge Dewatering Facility where it is mixed with anionic and cationic polymers, then pumped onto belt presses where the water is separated via the belt presses. The dried sludge from the Sludge Dewatering Facility is transported and used on farmers' fields for soil conditioning purposes. Approximately 42-63 tonnes of sludge is removed per day.

Following the treatment softening process in the solids contact units, carbon dioxide is diffused through the water in a re-carbonation basin to control the pH level in the water so that it is suitable for human consumption and provides corrosion control for pipes. The stabilized water from the re-carbonation basin flows through 16 rapid sand filters into clear well storage located inside the Water Treatment Facility. Before the finished water is pumped to the distribution system, chlorine is added to the water for disinfection and fluoride is added for tooth protection. To provide an extra measure of safety, the water is finally disinfected with ultraviolet light before it is distributed from the Water Treatment Facility.

### **2.3 Distribution System**

The high lift pumps at the Water Treatment Facility convey water to the distribution system and the 9th Street Reservoir. There are also two transfer pumps inside the Water Treatment Facility that can pump directly to the Reservoir, bypassing the distribution system. These transfer pumps can act as a backup for the high lift pumps to move water through the City. The Reservoir provides a short term water reserve for the City if additional water demand is required. There are four booster pumping stations located on the distribution system which help to maintain constant water pressure throughout the City, in addition to the pumping station located at the Reservoir.

The water distribution system network includes nearly 274kms of watermain pipe, ranging in size from 150mm to 900mm diameter. There are approximately 14,700 individual water service connections in Brandon.

### **2.4 Groundwater Supply**

The City maintains two emergency supply wells along the Assiniboine River Valley. These wells were completed in 1996 in order to provide the City with a short-term emergency back-up source of water in the event that the Assiniboine River source becomes temporarily interrupted. Although the annual groundwater withdrawal is limited, since 2011 the City has been authorized to use the wells on a non-emergency basis. Well water is blended with the river source during spring runoff and other periods when the river turbidity is high or the quality is poor from elevated organic carbon and hardness. Turtle Crossing Well is planned to be back in service in 2028 after extensive damage due to flooding.

The City is in year four of a five year ground water monitoring program to collect comprehensive data, analysis and an interpretation of the Assiniboine River Valley Aquifer and Assiniboine Delta Aquifer hydrogeological system with the expertise of consulting engineers. While this work is required for continued use of the aquifer, the analysis will inform decision makers on the long-term viability of this water supply for back up emergency situations that may arise.

## WATER QUALITY

### 3.0 WATER QUALITY STANDARDS

The following regulatory requirements form the basis of the City’s water supply system operation in regards to monitoring and reporting in accordance with the Operating Licence. The standards are unchanged from the previous year.

#### 3.1 List of Water Quality Standards

The Province of Manitoba has adopted a number of health-based parameters that the water supply system is required to achieve. The water quality standards are specified in **Table 2**.

**Table 2. Water Quality Standards**

Parameter	Quality Standard
Total coliform	Less than one total coliform bacteria detectable per 100 mL in all treated and distributed water
<i>E.coli</i>	Less than one <i>E. coli</i> bacteria detectable per 100 mL in all treated and distributed water
Chlorine residual	<ul style="list-style-type: none"> <li>• A free chlorine residual of at least 0.5 mg/L in water entering the distribution system following a minimum contact time of 20 minutes</li> <li>• A free chlorine residual of at least 0.1 mg/L at all times at any point in the water distribution system</li> </ul>
Ultraviolet Disinfection	<ul style="list-style-type: none"> <li>• 95% of water produced per month is disinfected within validated conditions</li> </ul>
Turbidity	<ul style="list-style-type: none"> <li>• Less than or equal to 0.3 NTU in 95% of the measurements in a month of the effluent from each operating filter</li> <li>• Not exceed 0.3 NTU for more than 12 consecutive hours of filter operation</li> <li>• Not exceed 1.0 NTU for any continuous measurement</li> </ul>
Total Trihalomethanes (THMs)	Less than or equal to 0.10 mg/L as locational running annual average of quarterly samples
Total Haloacetic acids (HAAs)	Less than or equal to 0.08 mg/L as locational running annual average of quarterly samples
Total Microcystins	Less than or equal to 0.0015mg/L
Arsenic	Less than or equal to 0.01 mg/L
Benzene	Less than or equal to 0.005 mg/L

Ethylbenzene	Less than or equal to 0.14 mg/L
Fluoride	Less than or equal to 1.5 mg/L
Lead	Less than or equal to 0.005 mg/L in the water distribution system
Manganese	Less than or equal to 0.12mg/L
Nitrate	Less than or equal to 45 mg/L measured as Nitrate (10 mg/L measured as Nitrogen)
Nitrite	Less than or equal to 45 mg/L as Nitrite (1 mg/L measured as Nitrogen)
Trichloroethylene	Less than or equal to 0.005 mg/L
Tetrachloroethylene	Less than or equal to 0.03 mg/L
Toluene	Less than or equal to 0.06 mg/l
Total xylenes	Less than or equal to 0.09 mg/l
Uranium	Less than or equal to 0.02 mg/L

#### 4.0 WATER QUALITY RESULTS

The results of the City’s water testing program are detailed, as required, in the following sections.

##### 4.1 Bacteriological

As indicated in **Table 2**, the Office of Drinking Water directive on regulatory information for public water systems requires less than one *Escherichia Coli* (*E. coli*) per 100-milliliter sample of water, and less than one Total Coliform per 100-milliliter sample of water, collected from the water distribution system.

The Water Treatment Facility Operators collect weekly water samples from the Assiniboine River, the laboratory tap in the Water Treatment Facility, and 18 separate locations throughout the entire City to confirm bacteriological compliance. In 2025, there were over 900 routine tests performed for Total Coliform and *E. coli* from the City’s water distribution system.

##### 4.2 Disinfection

On Monthly Disinfection Reports, the City must record and report the results of disinfection monitoring to the Senior Regional Drinking Water Officer. Corrective Action Report forms must also be completed in instances where adequate chlorine residuals have not been met.

The minimum chlorine residual entering the distribution system following at least 20 minutes of contact time at the Water Treatment Facility is 0.5 mg/L. The chlorine dosing and residuals at the Water Treatment Facility are to be controlled to ensure that this requirement is met using online analyzers and continuous monitoring. This is an extremely important part of the operation in order to disinfect the water against bacteria and viruses. Chlorine residuals are also monitored and maintained throughout the distribution system to ensure adequate disinfection. With over 107,000 online samples taken in 2025, there were no incidences recorded where the disinfectant residual went below the minimum requirement of 0.5mg/L.

Every week the Water Treatment Facility Operators test the water for chlorine residuals at each of the bacteriological sample locations throughout the City. The City is required to maintain at least 0.10 mg/L free chlorine residual in the distribution system. With over 936 free chlorine samples collected in 2025, there were no incidences where the residual was less than 0.10 mg/L.

To guard against an outbreak of *Giardia lamblia* and *Cryptosporidium*, the Water Treatment Facility's ultraviolet (UV) light disinfection equipment and controls must be maintained to achieve results greater than or equal to 95% of the water produced per month undergoing UV light disinfection within validated conditions and at a minimum dose of 24 mJ/cm<sup>2</sup>. In 2025, the Water Treatment Facility operated and maintained the ultraviolet disinfection systems as required by the regulators. Regular monthly ultraviolet disinfection reports are submitted to the Office of Drinking Water.

### **4.3 Turbidity**

The water supply system has to meet specific turbidity standards and ensure that appropriate monitoring and reporting programs are in place to demonstrate compliance with the standards. The Water Treatment Facility has 16 rapid sand filters, each with online turbidity instruments that measure the turbidity continuously. These readings are recorded on trend charts and spreadsheets on the computer system every five (5) minutes.

The turbidity standard requires that water leaving the filters are to be less than or equal to 0.3 NTU (turbidity units) in at least 95% of all measurements each month, must not exceed 0.3 NTU for more than 12 consecutive hours, and must never exceed 1.0 NTU at any time. Throughout the year, the filters consistently met all turbidity performance standards with no incidents of non-compliance. When routine operational adjustments were required, corrective actions were performed promptly, and the system's multi-barrier treatment approach ensured that there was no risk to public health.

### **4.4 Chemical**

The annual audit report indicates that all of chemical results from the treated water samples met the water quality standard. Chemical results are primarily reported on quarterly, with averages included herein; however, Haloacetic Acids (HAAs) and Trihalomethanes (THMs)

results are included as annual running averages of quarterly samples. The 2025 results of all chemical tests are summarized in **Table 3**, **Table 4**, and **Table 5**.

**Table 3. Treated Water Chemical Sample Results**

Parameter	Water Quality Standard	Source Water (mg/L)	Civic Works Sample (mg/L)
Arsenic	Less than or equal to 0.01 mg/L	0.00489	0.00160
Benzene	Less than or equal to 0.005 mg/L	<0.00050	<0.00050
Ethylbenzene	Less than or equal to 0.14 mg/L	<0.00050	<0.00050
Fluoride	Less than or equal to 1.5 mg/L	0.161	0.482
Lead	Less than or equal to 0.005 mg/L in the water distribution system	0.00042	0.000147
Nitrate	Less than or equal to 45 mg/L measured as Nitrate (10 mg/L measured as Nitrogen)	0.00012	0.00042
Nitrite	Less than or equal to 45 mg/L measured as Nitrate (1 mg/L measured as Nitrogen)	<0.0020	<0.0020
Trichloroethylene	Less than or equal to 0.005 mg/L	<0.00050	<0.00050
Tetrachloroethylene	Less than or equal to 0.03 mg/L	<0.00050	<0.00050
Toluene	Less than or equal to 0.06 mg/L	<0.00050	<0.00050
Total xylenes	Less than or equal to 0.09 mg/L	<0.00064	<0.00064
Uranium	Less than or equal to 0.02 mg/L	0.000277	0.000159

**Note:** Average for quarterly samples of source and treated

The chemical results of water tests performed at the standard sample locations were in compliance with the requirements of the Operating Licence, as shown in **Table 3**.

HAAs and THMs are chemicals that are categorized as Disinfection By-Products and are not found in the City’s source water. When chlorine is added to water with organic matter, the chemical reaction can result in by-products, the most common of which are HAA and THM. With chlorine as the City’s primary disinfectant, used to destroy or inactivate many harmful microorganisms, it is important to monitor the occurrence of the Disinfection By-Products in the distribution system.

**Table 4. HAAs Sample Results**

Date	Sample Location				Limit (mg/L)
	Willowdale 7-11 (mg/L)	Reservoir (mg/L)	Civic Works (mg/L)	1 <sup>st</sup> Street Booster Station (mg/L)	
Feb 4/25	0.039	0.041	0.048	0.043	<b>0.08</b>
May 5/25	0.064	0.084	0.084	0.075	
Aug 5/25	0.048	0.046	0.050	0.035	
Nov 3/25	0.058	0.052	0.073	0.046	
Average	<b>0.052</b>	<b>0.056</b>	<b>0.064</b>	<b>0.050</b>	

**Note:** HAA results were below the locational running annual average of quarterly samples, which are to be less than or equal to 0.08 mg/L

As defined in the Operating Licence, the HAAs quality standard is to be less than or equal to 0.08 mg/L as locational running annual average of quarterly samples. The Office of Drinking Water has identified sample locations and months for collecting samples for HAAs for the City. Based on these results the City of Brandon was in compliance and met the Provincial standards for 2025.

**Table 5. THMs Sample Results**

Date	Sample Location					Limit (mg/L)
	Water Plant (mg/L)	Comfort Inn (mg/L)	Waverly (mg/L)	Civic Works (mg/L)	River Heights (mg/L)	
Feb 4/25	0.049	0.122	0.091	0.116	0.100	<b>0.10</b>
May 5/25	0.086	0.130	0.134	0.156	0.139	
Aug 5/25	0.060	0.115	0.149	0.152	0.150	
Nov 3/25	0.057	0.122	0.118	0.151	0.121	
Average	<b>0.063</b>	<b>0.122</b>	<b>0.123</b>	<b>0.144</b>	<b>0.128</b>	

**Note:** THM results were above the locational running annual average of quarterly samples, which are to be less than or equal to 0.10 mg/L

As defined in the Operating Licence, the THMs quality standard is to be less than or equal to 0.10 mg/L as locational running annual average of quarterly samples. The Office of Drinking



approximately 14,000 properties in Brandon. The mailout package contained information on how residents could determine if they had a lead water service connection coming into their home, the health risks associated with lead in drinking water, how they could test their drinking water for lead concentrations, and what steps to take if their test results were found to be above the current National Drinking Water Guidelines.

In spring of 2025, the City embarked on a social media campaign to inform residents about lead in drinking water, sampling and mitigation, using Facebook, Instagram and X. This plan utilized the same information produced in 2024, including directing residents to the City of Brandon website where the information continues to be publicly available:

- [City of Brandon - Lead Water Services Information](#)

In addition to the informational campaigns, the City developed and rolled out a 2016 Water Filter Rebate Program, to provide eligible property owners/residents with a cash rebate of up to \$250 to assist with the purchase of water filtration systems and/or filters which meet the NSF/ANSI-53 certification for the removal of lead. This program has continued annually since that time, including in 2025. This program will continue to run in 2026.

Lead service line replacement is the best method of lead leaching mitigation, though the financial commitment to do so can be the deciding factor for many homeowners. The City is reviewing the policy in place to make this option more viable to homeowners on both the public-side and private-side of the lead service line.

As an additional long-term solution, the City of Brandon has completed the evaluation of orthophosphate dosing in the water treatment process to mitigate corrosion control and lead leaching in effected service connections through a corrosion control study. Orthophosphate dosing implementation will begin in 2026.

#### **4.6 Random Daytime Testing Lead Results**

As per **Table 2**, the City is required to meet the Provincial guideline for lead concentration in the water distribution system, which is 0.005 mg/L. The City has tested and reported on lead sampling at commercial and institutional sample sites for many years and continues to do so in compliance with the Operating Licence. Residential lead testing and reporting has been required under the City's Operating Licence for several years, using a Random Daytime sampling method with the same lead concentration limit. Although the Province provided guidance for residential sampling, it did not specify exact addresses to be included.

This year, the City broadened its residential sampling strategy to include a wider range of homes, rather than focusing exclusively on residences with a potential for lead service lines. In past years, sampling targeted only those locations more likely to show elevated lead concentrations due to suspected lead service materials. Expanding the sampling area allowed the City to significantly increase participation, resulting in more than 300 residential test results.

Importantly, by including homes outside the areas known or suspected to have lead service lines, the results now offer a more representative assessment of water quality across the entire community.

The Random Daytime Test (RDT) method continued to be used as the best estimate of in-home lead concentrations, in accordance with Provincial guidelines. For comparison purposes, the City also collected samples following a 5-minute flush at the same locations. This secondary method aligns with guidance previously provided to residents and demonstrates the impact of flushing service lines prior to water consumption.

**Table 6** summarizes the residential lead testing results collected for 2025.

**Table 6. Residential Random Daytime Testing (RDT) for Lead**

Sample Method	Minimum (mg/L)	Maximum (mg/L)	Average (mg/L)	Limit (mg/L)	% of samples above Guideline
RDT sample	0.00005	0.0889	0.00179	0.005	10%
5-min Flush sample	0.00005	0.0164	0.00068		5%

A total of 482 residential locations picked up sampling kits, and 310 residents voluntarily submitted water samples for testing and reporting. All 310 submitted samples were deemed viable and are included in this report. Based on the Random Daytime Test (RDT) method, 90% of the homes tested were below the National Drinking Water Guideline of 0.005 mg/L. The results from the 5-minute flush samples showed further reduction in lead exposure, with 95% of samples falling below the same guideline value.

The Province of Manitoba website provides additional details on lead guidelines:

- [www.gov.mb.ca/sd/water/drinking-water/lead/index.html](http://www.gov.mb.ca/sd/water/drinking-water/lead/index.html)

#### 4.7 Fluoride

Manitoba Health and Healthy Living monitor the fluoridation program. They recommend a fluoride range of 0.5-0.9 mg/L, with 0.7 mg/L as the optimal level in drinking water. The City has adjusted and monitors fluoride dosing in the drinking water to comply with this recommendation.

## **SYSTEM OPERATION**

### **5.0 LICENCE TO IMPOUND WATER**

In order to divert water from the Assiniboine River for treatment and consumption, the City of Brandon is required to operate under a provincial Licence in accordance the provisions of *The Water Rights Act*. The City's current Licence was renewed in April 2022. The term of this licence is for five years.

### **6.0 OPERATIONAL REQUIREMENTS**

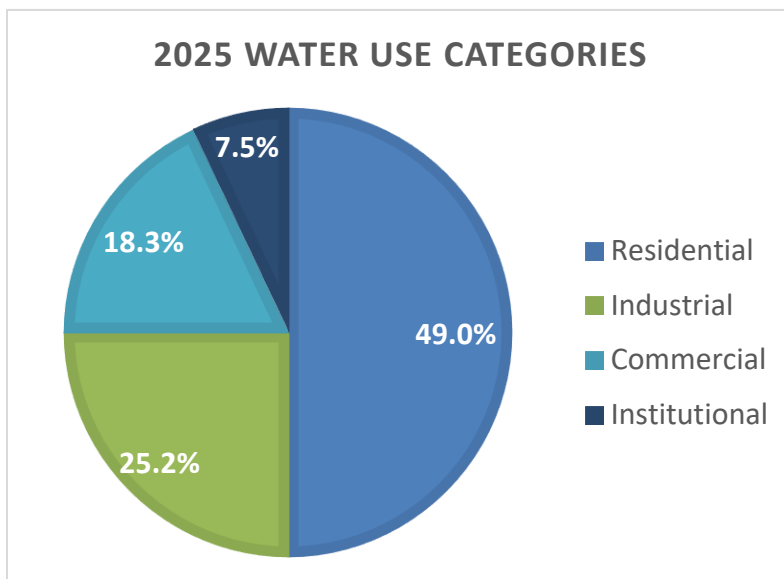
The City of Brandon Public Water Supply System has met its regulatory testing and monitoring requirements in 2025.

The City's Public Water Supply System Annual Report was reviewed, updated and submitted to the Office of Drinking Water prior to March 31<sup>st</sup> as required under the Operating Licence.

The City's Advisory Notification Plan was reviewed, updated and submitted to the Office of Drinking Water prior to May 1<sup>st</sup>. This submittal is due annually as per the Operating Licence.

### **7.0 WATER USE**

Water usage is categorized annually, as the demand for water varies based on the use case.



In 2025, approximately 49 percent of the water distributed was used for domestic purposes such as washing, food preparation, lawn sprinklers, toilets, and bathing. In addition, industry consumed approximately 25.2 percent, commercial customers used approximately 18.3 percent, and the remaining 7.5 percent was used by institutions, including schools, government, and churches.

### **8.0 SAFETY ORDERS & WARNINGS**

A safety order or warning may be issued by the City or by the Province if there is a risk to water quality or if an investigation is required within the public water system. They are typically temporary in nature.

### 8.1 Drinking Water Safety Orders and Actions Taken in Response

In 2025, the City of Brandon issued 118 Boil Water Maintenance Advisories to homes as a proactive measure while work was being completed on watermains in the effected area. Each Boil Water Maintenance Advisory impacted small, isolated areas of the distribution system.

### 8.2 Warnings Issued or Charges Laid on the Public Water Supply System

There were no Drinking Water Safety warnings issued or charges laid on the City of Brandon Public Water Supply System in 2025.

## 9.0 WATER SUPPLY SYSTEM UPGRADES IN 2025

These renewals and construction will improve service reliability in the surrounding areas.

### 9.1 Distribution System Upgrades

Distribution watermain replacements and new installations are summarized in **Table 7**:

**Table 7. City of Brandon 2025 Distribution System Upgrades**

Category	Watermain Location	Size & Length
Replacement	1 <sup>st</sup> Street – Richmond to Brandon Ave • Replaced cast iron water main with PVC • Replaced water connection pipes with copper & municipex	300mm – 37meters 200mm – 631 meters 150mm – 49 meters 19mm copper – 928 meters 25mm copper – 19 meters 38mm municipex – 22 meters
Replacement	26 <sup>th</sup> Street – Park Ave to Victoria Ave • Replaced water services to copper • Replaced water connection pipes with municipex	19mm copper – 112 meters 51mm municipex – 34 meters

### 9.2 Water Treatment Facility Expansion & Upgrades

In 2025, the preventative maintenance program at the Water Treatment Facility and Booster Stations met internal targets. The existing facilities also saw reinvestment as part of the regular facility maintenance program. This included manufacturer equipment inspections, instrument calibrations, piping renewals, as well as pump and motor rebuilds and replacements.

The City of Brandon, through the services of their consulting engineer, is nearing completion on the design of the Water Treatment Facility expansion and upgrade. The overall expansion will

consist of a new Membrane Treatment Facility, a new Chemical Building, and a new raw water Intake and Settling Pond, as well as upgrades to the existing Facility to prolong the useful life span.

Funding through the Investing in Canada Infrastructure Program was announced as a joint partnership between the Federal, Provincial and Local governments for the next phases of Brandon's Water Treatment Facility expansion. Work on site began in the fall of 2025 for the new Membrane Building. Additional construction is planned following the completion of design and tenders. Construction will be underway for several years to complete the extensive project.

## **10.0 WATER DISTRIBUTION MAINTENANCE**

The water distribution system at times requires both emergency and preventative maintenance. Watermain breaks are repaired by City staff as quickly as possible on an emergency basis. Preventative maintenance programs help to reduce emergencies, with the watermain flushing program being the most extensive.

The watermain flushing program is a technique used to clean water distribution pipes of sediments that build up over time. This is accomplished by strategic manipulation of fire hydrants and valves to force water at high velocities through the system from previously flushed sections, from source to extremities. The flushing program is conducted annually and provides the following system benefits:

- Improved water quality
- Improved system hydraulic capacity
- Improved system operation by identifying weak or problem areas
- Improved/restored chlorine residual
- Increased life of system components including, valves, pumps, etc.

The City's watermain flushing program begins in the spring and runs into the late fall each year. The program goal is to have all zones in the City of Brandon flushed as a preventative maintenance activity. Last year 13% of the watermains were unidirectionally flushed. The total length of watermains that were flushed for 2025 was 49,580 meters (49.58kms).

## **11.0 CLOSING**

The City recognizes the importance of informing all water users of the system's operation. For any questions related to this report or the water utility, please contact the City by phone at: 204-729-2190 or by email at: [a.howe@brandon.ca](mailto:a.howe@brandon.ca).