



## Public Water System Annual Report 2025



<b>Name:</b>	Neepawa Water Treatment Plant
<b>Name of Owner:</b>	Town of Neepawa
<b>Manager of Operations:</b>	Denis Saquet, C.E.T.
<b>Water &amp; Wastewater Supervisor:</b>	Kevin Levandosky
<b>Operators:</b>	Dustin Poncsak Courtney Gilmore Tyler Shannon

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## 1. **Introduction:**

The 2025 Public Water Supply System Annual Report summarizes the water utility's ability to produce safe potable water and the Town of Neepawa's efforts to ensure compliance with provincial regulations and continually improve the water supply system.

The Town of Neepawa owns and operates its public water supply system, which 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 Town's water supply system operates under a provincial license. The Operating License has a five-year term and prescribes the terms and conditions required in order for the Utility to remain in compliance with the Act.

## 2. **Description of the Water System**

The Town of Neepawa water treatment facility provides potable drinking water to a population of 5,685 residents and business units within the Town and approximately 450 more to the Municipality of North Cypress Langford and 650 in the Rural Municipality of Rosedale.

### • **Water Supply Source**

The Town of Neepawa sources its water from the Assiniboine Delta Aquifer by way of two well sites. The Oberon well site is roughly 19 kilometers south of Neepawa and hosts two wells with a pumping capacity of 50 litres per second. The Hummerston well site is located roughly 24 kilometers southeast of Neepawa and hosts three wells with a pumping capacity of 40 litres per second. Raw water is pumped from either, or both sites, depending on demand.

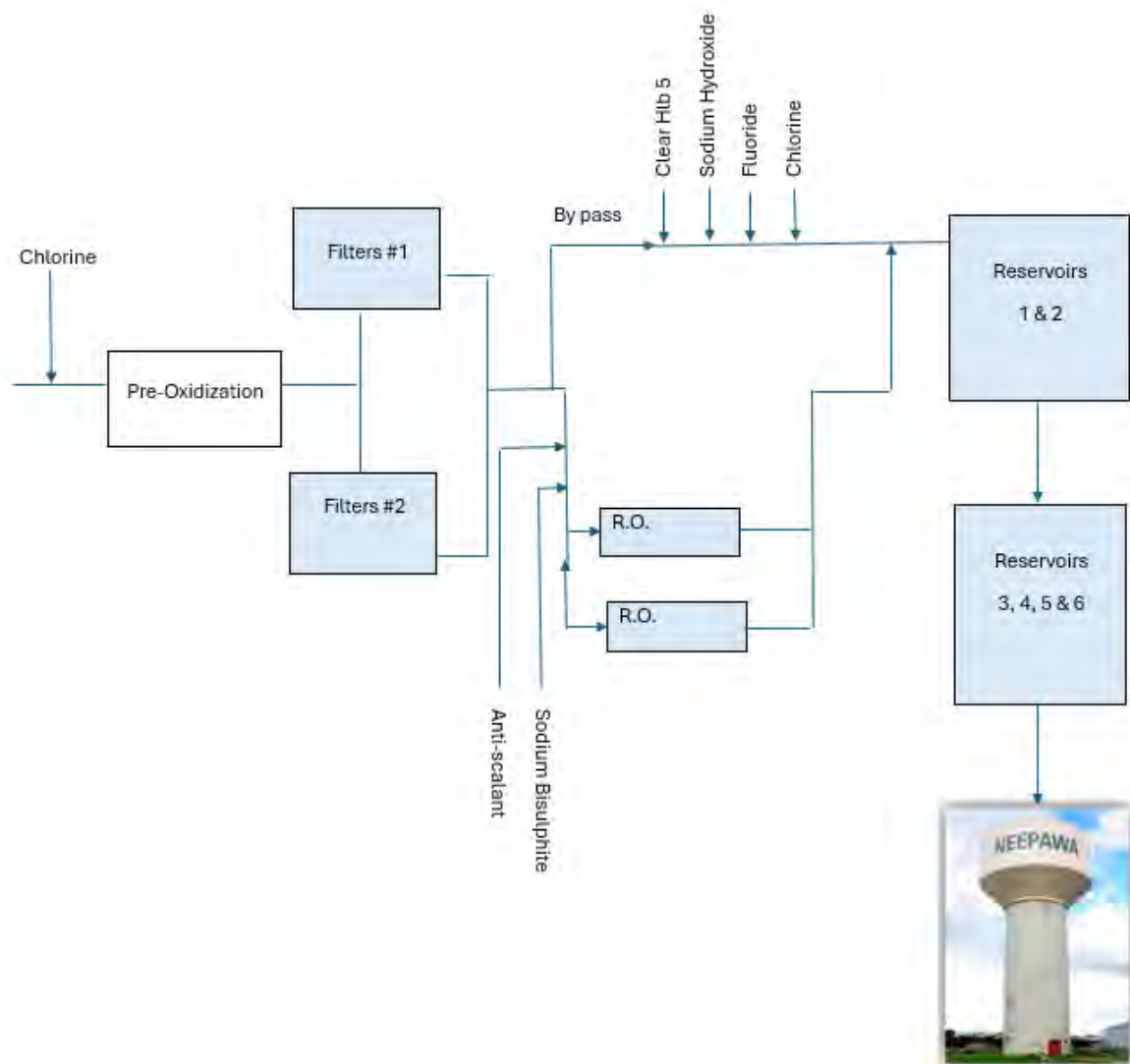
### • **Water Treatment Process**

Treatment consists of two gravity filters with Pyrolusite and anthracite media, followed by two reverse osmosis filtration trains with a bypass for blending.

The present water treatment system was upgraded in 2013 and provides the ability to treat water up to 75 litres per second. Water treatment consists of the following process:

- Add chlorine to pre-oxidize the iron/manganese/arsenic, which is then filtered out.
- Add sodium bisulphite and anti-scalant to remove the oxygenizing rate potential of the water and help keep water minerals from plugging or scaling the reverse osmosis (RO) membrane.
- Treat the water by using the Reverse Osmosis (RO) membrane unit
- Blend RO water with filtered water (approx. 60 /40 blend)
- Add sodium hydroxide, chlorine, clearhib 4 and fluorosilicic acid prior to entering the reservoir. The sodium hydroxide balances the pH level of the water; chlorine disinfects the water to make it safe; clearhib 4 reduces the corrosion of the Towns' infrastructure (water lines) and the fluorosilicic acid (fluoride) provides dental protection.

- **Water Process Flow Diagram (PFD)**



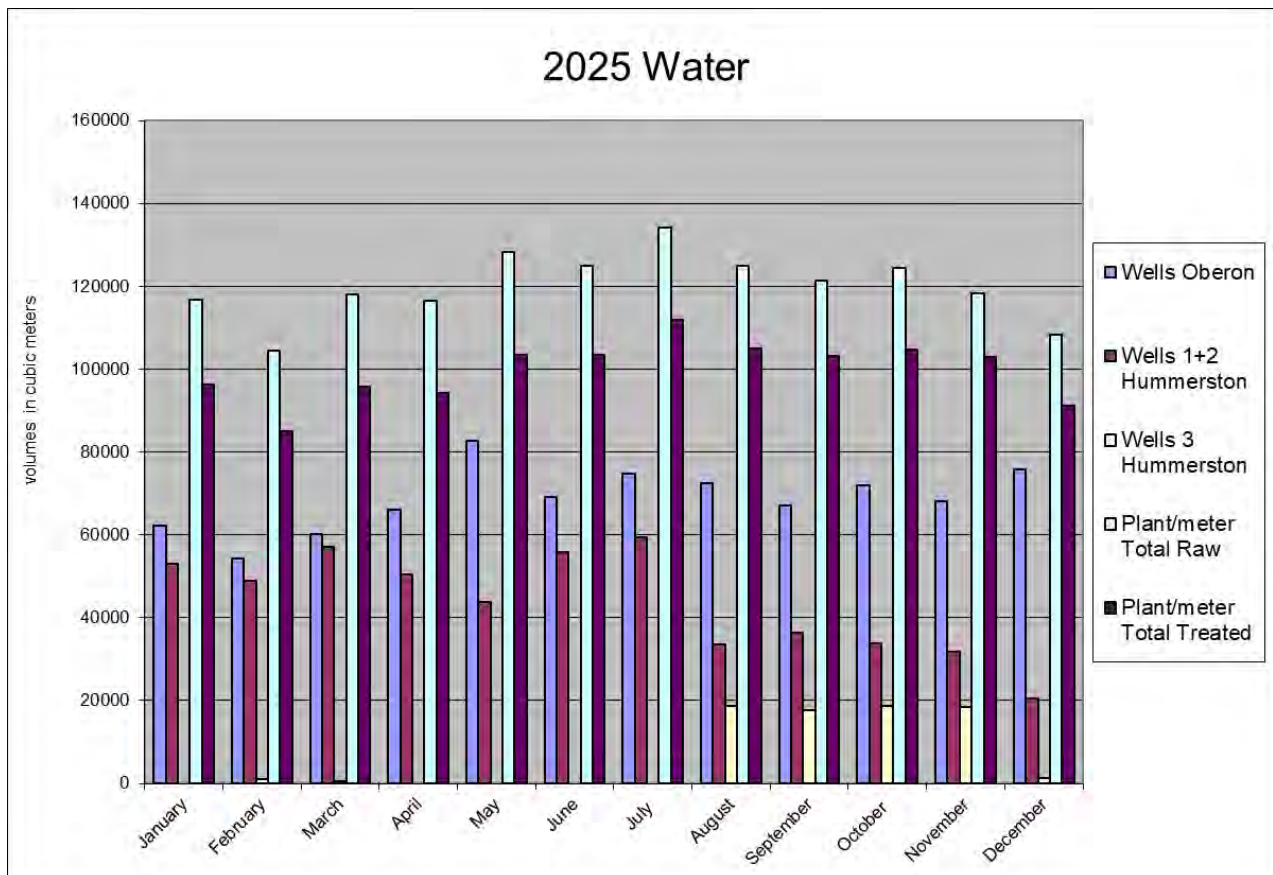
- **Water Storage**

Neepawa's water storage infrastructure provides for an overall storage capacity of 6,237 C.M. or 6,237,000 liters of treated water as follows:

- two in-ground reservoirs at the water plant. One under the original 1962 plant with a storage capacity of 587 C.M., & the second under the 1995 addition with a storage capacity of 670 C.M.;
- a new water stand-alone water reservoir commissioned in late 2022; built immediately adjacent to the water treatment plant, with a storage capacity of 2,800 C.M.; and
- a water tower situated along Gill Drive with a storage capacity of 2,180 C.M. Constructed in 1982, the water tower is routinely inspected to identify and address necessary repairs.

• Raw/Treated Water 2025

2025	Oberon Wells	Hummerston Wells 1+2	Hummerston Well 3	Plant/Meter Total Raw	Total Treated
January	62,188	52,952	0	116,865	96,310
February	54,396	48,832	1,107	104,423	85,041
March	60,281	57,192	543	118,025	95,753
April	66,139	50,392	0	116,504	94,294
May	82,659	43,756	0	128,285	103,476
June	69,196	55,804	0	124,992	103,446
July	74,693	59,528	0	134,165	111,979
August	72,570	33,460	18,794	124,821	105,074
September	67,063	36,441	17,773	121,274	103,204
October	71,909	33,830	18,653	124,392	104,738
November	68,233	31,635	18,358	118,226	102,908
December	75,703	20,374	1,246	108,239	91,272
<b>Total</b>	<b>825,030</b>	<b>524,196</b>	<b>76,474</b>	<b>1,440,211</b>	<b>1,197,495</b>
<b>Average</b>	<b>68,121</b>	<b>43,683</b>	<b>6,839</b>	<b>121,088</b>	<b>100,566</b>
<b>Max</b>	<b>82,659</b>	<b>59,528</b>	<b>18,794</b>	<b>134,165</b>	<b>111,979</b>
<b>Min.</b>	<b>54,396</b>	<b>20,374</b>	<b>0</b>	<b>104,423</b>	<b>85,041</b>



- **Classification and Certification**

Pursuant to the Water and Wastewater Facility Operators Regulation under *The Environment Act*, Neepawa's water supply system is classified as a Class 3 Water Treatment Plant and a Class 2 Water Distribution System.

Operator certification and facility classification falls under *The Environment Act's* Water and Wastewater Facility Operators Regulation, whereby individuals who operate the water treatment plant require certification. Levels range from 1 to 4 dependent on the size of the water system. Conditional certification means that the employee has passed the exam for that level, however has not completed enough CEU's (continuing education units) or work experience for complete certification.

WT – Water Treatment                      WD – Water Distribution  
WWC – Wastewater Collection    WWT – Wastewater Treatment

**Plant Operator Certifications:**

Kevin Levandosky, Supervisor    Level 2 Certification (WD 2, WWC 2, WT 2, WWT 2)

Courtney Gilmore                      Level 3 (WD 2, WWC 2, WT 3, WWT 1)

Dustin Poncsak                        Level 3 (WD 2, WWC 2, WT 3, WWT 2)

Tyler Shannon                         Level 1 (WD 1, WWC 2, WT 1, WWT 1)

### 3. Water Quality Standards

The Province of Manitoba has adopted a number of water quality standards from the Health Canada *Guidelines for Canadian Drinking Water Quality*. The health-based parameters express the maximum acceptable concentrations for drinking water. Concentration values in excess of the guidelines constitute a health-related issue and require corrective actions. Public water systems are required to monitor chlorine levels and undertake regular bacterial testing. The 2024 results for the Town of Neepawa water treatment system are as follows:

**ALS Results Evaluation – Raw & Treated Analytical Report**

This report was completed on February 17, 2026.

Required every three years, this report replaces the previous analysis published in 2023 Certificate of Analysis.

[\(2026 ALS Analytical Results Evaluation attached\).](#)

The image shows a screenshot of an analytical results report from ALS. The report title is 'Analytical Results Evaluation'. It contains a table with columns for 'Parameter', 'Unit', 'Result', 'Method', 'Frequency', 'Location', and 'Status'. The table lists various water quality parameters such as pH, Total Hardness, Calcium Hardness, Magnesium Hardness, Total Dissolved Solids (TDS), Chloride, Sulfate, Nitrate, Ammonia Nitrogen, Total Nitrogen, Total Phosphorus, and various metals like Lead, Copper, and Cadmium. The results are presented in a structured format with numerical values and units.

### ***Bacteriological Monitoring & Reporting***

The Office of the Drinking Water directive on regulatory information for public water systems requires the Town to conduct mandatory bacterial analysis on our water on a bi-weekly basis to test for Total Coliform (TC) and E. coli (EC). The regulation requires less than one EC per 100-millimeter sample of water, and less than one TC per 100-millimeter sample of water, collected from the distribution system. These tests provide valuable information to ensure that there is no water borne bacteria in the water and that the water is safe to drink. Chlorine (CL) is tested in treated water.

Total coliforms are a group of bacteria commonly found in the environment, for example in soil or vegetation, as well as the intestines of mammals, including humans. Total coliform bacteria are not likely to cause illness, but their presence indicates that your water supply may be vulnerable to contamination by more harmful microorganisms. Escherichia coli (E.coli) is the only member of the total coliform group of bacteria that is found only in the intestines of mammals, including humans. The presence of E.coli in water indicates recent fecal contamination and may indicate the possible presence of disease-causing pathogens, such as bacteria, viruses, and parasites. Although most strains of E.coli bacteria are harmless, certain strains, such as E.coli 0157:H7, may cause illness.

*(2025 Bacti Testing Report attached)*

#### **4. Water Analysis and Quality 2025**

To fulfill the general chemistry monitoring requirement of the Operating License, the Town regularly submitted water samples from the **Neepawa PWS** for chemical analysis. Any problems are immediately reported to the Drinking Water Officer and a report is provided each month.

**All parameters measured in the treated water met the applicable health-based maximum acceptable concentrations (MAC) and aesthetic objectives set by the *Guidelines for Canadian Drinking Water Quality (GCDWQ)*.**

- ***Water System Incidents and Corrective Actions***

No instances of non-compliance were issued in 2025.

- ***Drinking Water Safety Orders, Warnings, and Charges***

None issued.

- ***Boil Water Advisory's and Actions Taken:***

The Town issued a Boil Water Advisory on October 21, 2025 following scheduled maintenance to the water system resulting in a loss of pressure in that portion of the Neepawa distribution system on Mountain Avenue from William Street to Hospital Street.

The required notifications provided by the Drinking Water Officer were posted on each affected property and each property was once again notified when the orders were lifted. In addition, a copy of each notice was posted on the Town's social media website and updated accordingly. No issues or incidents were noted.

- ***Disinfection System***

Chlorine monitoring, the standards of minimum 0.5 mg/L in the treated water and minimum 0.1 mg/L. The system met the required disinfection standards 100% of the time in 2025.

## **5. Water Supply System Maintenance and Upgrades**

- Work was completed on the PTH 16 Watermain Extension project. The intent of this project was to extend water services to SW 34-14-15W and more specifically to provide service to a new regional hospital. This project also included the installation of a redundancy loop, to facilitate an uninterrupted water source to the new hospital and to Hylife foods, whereby water can be drawn from either the Town's water tower, or the reservoir located at the water treatment plant.
- Work was also completed to install a third well at the Oberon well site, as well as 5.2 kms of new raw water supply pipeline to twin the existing line from the Oberon well site. The entire scope of this project focuses on extending water services to SW 34-14-15W for the purpose of growth and development and was prompted by the construction of a new regional hospital.
- Water services were extended into a new 10-unit condominium subdivision on Dominion Road.
- Approximately 32 new meters of various sizes were installed by municipal staff.
- Twelve private service renewals were completed during the Second Avenue paving project in addition to three others in Town.
- Approximately \$13,000 was invested in staff education and training.
- The raw water distribution line from the aquifer lines (approx. 20 km) is swabbed annually to improve raw water quality.
- The in-town hydrant flushing program and valve exercising program only occurred in the fall. This takes approximately one week to complete.
- Fall/Winterizing Hydrant Inspection program – staff inspect all hydrants prior to freeze up.

## **6. Seasonal Service**

In accordance with Water Services Guidelines, all of the Town of Neepawa seasonal services (campground, swimming pool, golf course, etc.) were flushed and bacti tested in 2025 prior to consumer connection.

## **7. Emergency Notifications**

The Town of Neepawa has the ability to share information with the public via All-Net Connect, which is an electronic notification program that allows residents to receive important information by phone, email or through text messaging. Information is also posted on the Town's website. In instances whereby a particular notification is very limited in scope, the Town will prepare paper notifications for posting on the door of each affected residence or business.

## **8. Future Expansion and Upgrading Plans**

- **Water Extensions Project “320”**

Neepawa is expanding to create a new 200+ home subdivision. Work has been started to develop a water & sewer design to handle this first phase and the additional 250 homes still needed after phase 1. Neepawa purchased multiple properties in 2024 and started some of the infrastructure in 2025 and will continue this year in 2026. Phase 1 involves the development of 58 Acres with consultants already designing all the services required.  
*Anticipated Completion Date: 2027*
- **Raw Water Supply Upgrades**

Results of a water supply study initiated in 2022, concluded that the addition of another well site and a booster station, away from the Oberon and Hummerston well sites would improve the Town’s ability to ensure a consistent supply of raw water, alleviate the pressure on the existing well sites, and provide for some redundancy. To date, test holes have confirmed a well location and work continues on securing property for the booster station.  
*Anticipated Completion Date: 2026*
- **Water Tower Repair & Maintenance**

The water tower has a buildup of sediment and numerous rust spots requiring repair. The tower must be drained, which we anticipate will expose other issues requiring repairs. Rust spots will be sanded down and the entire interior of the tower epoxied. The exterior of the tower will be given a new paint job. This project will ensure the health and safety of those on the distribution system and proper maintenance of the facility. While this project remains a priority of the Town, it has been necessary to postpone its focus to allow for projects with greater priority to be actioned.  
*Anticipated Start Date: 2026*
- **Third RO Train for Neepawa WTP**

Neepawa has experienced substantial community growth, that growth has added to increased demand for treated water. Neepawa has been sustaining this demand, but breakdowns have brought forward serious concerns and fears about the quality of our water. It is our desire to install a 3rd RO enabling us to rotate the units and provide opportunities to repair equipment without compromising the quality of our water.  
*Anticipated Start Date: 2027/28*
- **Neepawa Distribution Flow and Pressure Analysis**

The last physical pressure and flow report the Town generated is from 1999, with Neepawa on-going expansion, renewals, looping and new mains that have been installed in the 25+ years since our last report. We have been working with models over the years building off prior reports.  
*Anticipated Start Date: 2027/2028*

## 9. Closing

The Town of Neepawa recognizes the importance of informing all water users of the system’s operations. For any questions related to this report or the water utility, please contact the Town at 204-476-7600 or by e-mail at [info@neepawa.ca](mailto:info@neepawa.ca).

Work Order : WP2602103  
 Client : Manitoba Conservation & Climate  
 Project : Neepawa - PWS 149.00



**Analytical Results Evaluation**

Analyte	CAS Number	Method/Lab	Client sample ID		Client sampling date / time	Sub-Matrix	Unit	Neepawa Regional 1 - Raw		Neepawa Regional 2 - Treated		Neepawa Regional 3 - Distribution	
			Raw	Result				Treated	Result	Distribution	Result		
<b>Matrix: Water</b>													
<b>Field Tests</b>													
Chlorine, free, field	7782-50-5	EF001WP			17-Feb-2026 16:00	Water	mg/L	0.00	0.75	0.71			
Chlorine, total, field	7782-50-5	EF001WP			17-Feb-2026 16:00	Water	mg/L	0.00	0.89	0.78			
<b>Sample Preparation</b>													
Disolved carbon filtration location		EP358WP						lab	lab				
<b>Physical Tests</b>													
<b>Absorbance, UV (@ 254nm)</b>													
Alkalinity, bicarbonate (as CaCO3)		E404WP				AU/cm	0.0450	0.0200					
Alkalinity, carbonate (as CaCO3)		E280WP				mg/L	280	155					
Alkalinity, hydroxide (as CaCO3)		E280WP				mg/L	<1.0	<1.0					
Alkalinity, total (as CaCO3)		E280WP				mg/L	<1.0	<1.0					
Colour, true		E280WP				mg/L	280	155					
Conductivity		E328WP				CU	<5.0	<5.0					
Hardness (as CaCO3), from total CaMg		E100WP				µS/cm	544	309					
Langelier Index (@ 4°C)		EC100A-WP				mg/L	281	126					
Langelier Index (@ 60°C)		EC105A-WP					0.426	0.280					
pH		EC105A-WP					1.19	1.05					
Solids, total dissolved [TDS]		E108WP				pH units	7.78	8.20					
Turbidity		E162-LWP				mg/L	277	152					
		E121WP				NTU	0.29	<0.10					



Work Order : WP2602103  
 Client : Manitoba Conservation & Climate  
 Project : Neepawa - PWS 149.00

Analyte	CAS Number	Method/Lab	Sub-Matrix	Client sample ID		
				Client sampling date / time	Neepawa Regional 1 - Raw	Neepawa Regional 2 - Treated
				17-Feb-2026 15:00	17-Feb-2026 16:00	17-Feb-2026 16:00
				Water	Water	Water
				WP2602103-001	WP2602103-002	WP2602103-003
				Result	Result	Result
<b>Physical Tests</b>						
Transmittance, UV (@ 254nm)	E404/WP	% Tr/cm		90.2	95.5	
<b>Anions and Nutrients</b>						
<b>Ammonia, total (as N)</b>						
Bromide	7664-41-7	E299/WP	mg/L	0.104	0.0178	
Chloride	24959-67-9	E235.BI-T/WP	mg/L	0.021	<0.010	
Fluoride	16887-00-6	E235.CH/WP	mg/L	2.34	2.68	
Nitrate (as N)	18984-46-8	E235.F/WP	mg/L	0.228	0.650	
Nitrite (as N)	14797-55-8	E235.NO3-L/WP	mg/L	0.281	0.187	
Sulfate (as SO4)	14797-65-0	E235.NO2-L/WP	mg/L	<0.0010	<0.0010	
	14808-76-8	E235.SO4/WP	mg/L	21.3	10.6	
<b>Organic / Inorganic Carbon</b>						
Carbon, dissolved organic [DOC]	E358-L/WP	mg/L		2.49	1.13	
Carbon, total organic [TOC]	E355-L/WP	mg/L		2.04	0.99	
<b>Ion Balance</b>						
Anion sum	EC101A/WP	meq/L		6.14	3.44	
Cation sum (total)	EC101A/WP	meq/L		6.09	3.33	
Ion balance (cations/anions)	EC101A/WP	%		99.2	98.8	
Ion balance (APHA)	EC101A/WP	%		-0.409	-1.62	
<b>Total Metals</b>						
Aluminum, total	7429-90-5	E420/WP	µg/L	0.91	1.3	1.8

Work Order : WP2602103  
 Client : Manitoba Conservation & Climate  
 Project : Neepawa - PWS 149.00



Analyte	CAS Number	Method/Lab	Unit	Client sample ID					
				Neepawa Regional 1 - Raw	Neepawa Regional 2 - Treated	Neepawa Regional 3 - Distribution			
				17-Feb-2026 16:00	17-Feb-2026 16:00	17-Feb-2026 16:00	Water	Water	Water
				WP2602103-001	WP2602103-002	WP2602103-003	Result	Result	Result
<b>Total Metals</b>									
Arsimony, total	7440-36-0	E420WP	µg/L	0.033	0.019	0.050			
Arsenic, total	7440-38-2	E420WP	µg/L	4.80	1.86	2.01			
Barium, total	7440-38-3	E420WP	µg/L	240	117	124			
Beryllium, total	7440-41-7	E420WP	µg/L	0.0048	0.0011	0.0011			
Bismuth, total	7440-69-9	E420WP	µg/L	0.0037	0.00063	0.0010			
Bo,un, total	7440-42-8	E420WP	µg/L	55	48	48			
Cadmium, total	7440-43-9	E420WP	µg/L	0.0012	Not Detected	0.0011			
Calcium, total	7440-70-2	E420WP	µg/L	73100	32600	33600			
Cesium, total	7440-46-2	E420WP	µg/L	0.0027	0.0023	0.0012			
Chromium, total	7440-47-3	E420WP	µg/L	Not Detected	0.055	0.066			
Cobalt, total	7440-48-4	E420WP	µg/L	0.066	Not Detected	Not Detected			
Copper, total	7440-50-8	E420WP	µg/L	0.20	4.32	26.4			
Iron, total	7439-80-6	E420WP	µg/L	35	1.9	6.4			
Lead, total	7439-92-1	E420WP	µg/L	0.034	0.0082	0.056			
Lithium, total	7439-93-2	E420WP	µg/L	19.8	10.0	10.3			
Magnesium, total	7439-95-4	E420WP	µg/L	24000	10900	11500			
Manganese, total	7439-96-5	E420WP	µg/L	284	0.80	1.03			
Molybdenum, total	7439-98-7	E420WP	µg/L	3.34	1.42	1.37			
Nickel, total	7440-02-0	E420WP	µg/L	0.30	0.11	0.16			



Work Order : WP2602103  
 Client : Manitoba Conservation & Climate  
 Project : Neepawa - PWS 149.00

Analyte	CAS Number	Method/Lab	Client sample ID		Sub-Matrix	Unit	Neepawa Regional									
			1 - Raw	2 - Treated			3 - Distribution	Result	Result	Result						
			Raw	Treated			Distribution									
			17-Feb-2026	17-Feb-2026	17-Feb-2026	Water	Water	Water	16:00	Water	WP2602103-001	WP2602103-002	WP2602103-003	Result	Result	Result
			Client sampling date / time	Client sampling date / time	Client sampling date / time											
<b>Matrix: Water</b>																
<b>Total Metals</b>																
<b>Phosphorus, total</b>						µg/L	25	729	781							
Potassium, total	7723-14-0	E420WP				µg/L	2860	1540	1620							
Rubidium, total	7440-09-7	E420WP				µg/L	1.22	0.67	0.69							
Selenium, total	7782-49-2	E420WP				µg/L	0.240	0.119	0.128							
Silicon, total	7440-21-3	E420WP				µg/L	11700	5610	5960							
Silver, total	7440-22-4	E420WP				µg/L	Not Detected	Not Detected	0.0016							
Sodium, total	7440-23-5	E420WP				µg/L	8580	17700	17700							
Strontium, total	7440-24-6	E420WP				µg/L	289	132	131							
Sulfur, total	7704-34-9	E420WP				µg/L	7530	3710	3730							
Tellurium, total	13494-80-9	E420WP				µg/L	0.080	Not Detected	Not Detected							
Thallium, total	7440-29-0	E420WP				µg/L	0.0028	Not Detected	Not Detected							
Tin, total	7440-29-1	E420WP				µg/L	Not Detected	Not Detected	Not Detected							
Titanium, total	7440-31-5	E420WP				µg/L	Not Detected	0.059	Not Detected							
Tungsten, total	7440-32-6	E420WP				µg/L	0.072	0.056	0.094							
Uranium, total	7440-33-7	E420WP				µg/L	Not Detected	Not Detected	Not Detected							
Vanadium, total	7440-61-1	E420WP				µg/L	2.99	1.34	1.43							
Zinc, total	7440-62-2	E420WP				µg/L	0.064	0.052	0.061							
	7440-68-6	E420WP				µg/L	5.6	0.73	3.4							



Work Order : WP2602103  
 Client : Manitoba Conservation & Climate  
 Project : Neepawa - PWS 149.00

Analyte	CAS Number	Method/Lab	Client sample ID		Sub-Matrix	Unit	Neepawa Regional 1 - Raw			Neepawa Regional 2 - Treated			Neepawa Regional 3 - Treated Distribution		
			Client sampling date / time	17-Feb-2026 18:00			17-Feb-2026 18:00	17-Feb-2026 18:00	17-Feb-2026 18:00	17-Feb-2026 18:00	17-Feb-2026 18:00	17-Feb-2026 18:00	17-Feb-2026 18:00		
<b>Matrix: Water</b>															
<b>Total Metals</b>															
<b>Zirconium, total</b>	7440-67-7	E420/WP	µg/L	Not Detected	0.023	Not Detected	0.023	Not Detected	0.023	Not Detected	0.023	Not Detected	0.023	Not Detected	0.023
<b>Volatile Organic Compounds</b>															
<b>Benzene</b>	71-43-2	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
Bromodichloromethane	75-27-4	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
<b>Bromoform</b>	75-25-2	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
Chloroform	67-66-3	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
<b>Dibromochloromethane</b>	124-48-1	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
Dichloromethane	75-09-2	E81D/WT	mg/L	<0.0010	voids	<0.0010	voids	<0.0010	voids	<0.0010	voids	<0.0010	voids	<0.0010	voids
<b>Ethylbenzene</b>	100-41-4	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
Methyl-tert-butyl ether (MTBE)	1634-04-4	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
<b>Tetrachloroethylene</b>	127-18-4	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
Toluene	108-88-3	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
<b>Trichloroethane, 1,1,1-</b>	71-55-6	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
Trichloroethane, 1,1,2-	79-00-5	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
<b>Trichloroethylene</b>	79-01-6	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
Xylene, m+p-	179601-23-1	E81D/WT	mg/L	<0.00040	voids	<0.00040	voids	<0.00040	voids	<0.00040	voids	<0.00040	voids	<0.00040	voids
<b>Xylene, o-</b>	95-47-6	E81D/WT	mg/L	<0.00030	voids	<0.00030	voids	<0.00030	voids	<0.00030	voids	<0.00030	voids	<0.00030	voids
Xylenes, total	1330-20-7	E81D/WT	mg/L	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids	<0.00050	voids
<b>BTEX, total</b>	----	E81D/WT	mg/L	<0.0010	voids	<0.0010	voids	<0.0010	voids	<0.0010	voids	<0.0010	voids	<0.0010	voids



<b>Lab. Bac.T.</b>			<b>Lab149</b>		
Date/2025	Free CL	Total CL	TC	EC	# of Tests
2025-01-07	0	0	0	0	
	0.83	0.95	0	0	
	0.64	0.75	0	0	1
2025-01-21	0	0	0	0	
	0.66	0.78	0	0	
	0.64	0.73	0	0	2
2025-02-04	0	0	0	0	
	0.71	0.81	0	0	
	0.68	0.79	0	0	3
2025-02-18	0	0	0	0	
	0.61	0.72	0	0	
	0.78	0.82	0	0	4
2025-03-04	0	0	0	0	
	0.68	0.79	0	0	
	0.45	0.55	0	0	5
2025-03-18	0	0	0	0	
	0.84	0.95	0	0	
	0.64	0.73	0	0	6
2025-04-01	0	0	0	0	
	0.77	0.89	0	0	
	0.79	0.86	0	0	7
2025-04-15	0	0	0	0	
	0.81	0.94	0	0	
	0.76	0.89	0	0	8
2025-04-29	0	0	0	0	
	0.75	0.88	0	0	
	0.67	0.74	0	0	9
2025-05-13	0	0	0	0	
	0.61	0.71	0	0	
	0.56	0.67	0	0	10
2025-05-27	0	0	0	0	
	0.84	0.99	0	0	
	0.55	0.64	0	0	11
2025-06-10	0	0	0	0	
	0.75	0.89	0	0	
	0.64	0.72	0	0	12
2025-06-24	0	0	0	0	
	0.71	0.82	0	0	
	0.74	0.81	0	0	13
2025-07-08	0	0	0	0	
	0.71	0.82	0	0	
	0.66	0.74	0	0	14
2025-07-22	0	0	0	0	
	0.75	0.89	0	0	
	0.75	0.87	0	0	15
2025-08-05	0	0	0	0	
	0.71	0.83	0	0	

	0.56	0.64	0	0	16
2025-08-19	0	0	0	0	
	0.75	0.89	0	0	
	0.55	0.64	0	0	17
2025-09-02	0	0	0	0	
	0.78	0.94	0	0	
	0.69	0.79	0	0	18
2025-09-16	0	0	0	0	
	0.77	0.96	0	0	
	0.59	0.65	0	0	19
2025-09-30	0	0	0	0	
	0.71	0.93	0	0	
	0.62	0.71	0	0	20
2025-10-14	0	0	0	0	
	0.76	0.92	0	0	
	0.54	0.68	0	0	21
2025-10-28	0	0	0	0	
	0.86	0.99	0	0	
	0.67	0.71	0	0	22
2025-11-11	0	0	0	0	
	0.74	0.88	0	0	
	0.64	0.72	0	0	23
2025-11-25	0	0	0	0	
	0.75	0.88	0	0	
	0.74	0.86	0	0	24
2025-12-09	0	0	0	0	
	0.71	0.85	0	0	
	0.73	0.84	0	0	25
2025-12-23	0	0	0	0	
	0.73	0.87	0	0	
	0.69	0.79	0	0	26
Seasonal Bact and line Flushing					
Date	Free CL	Total CL	Results	Results	
May/07/2025	0.72	0.82	0	0	
May/07/2025	0.68	0.71	0	0	
May/07/2025	0.61	0.66	0	0	
May/07/2025	0.80	0.84	0	0	
May/07/2025	0.69	0.78	0	0	
May/07/2025	0.70	0.73	0	0	
Oct/01/2025	0.45	0.48	0	0	
Oct/06/2025	0.37	0.42	0	200	Failed
Oct/14/2025	0.71	0.84	0	0	
Oct/15/2025	0.68	0.74	0	0	
Oct/23/2025	0.76	0.82	0	0	
Oct/24/2025	0.85	0.91	0	0	
Nov/18/2025	0.56	0.71	0	0	
Nov/19/2025	0.53	0.59	0	0	



275 Hamilton Street, P.O. Box  
339 Neepawa, MB, R0J 1H0  
Telephone (204) 476-7600 Fax (204) 476-7624  
info@neepawa.ca

On <<date>>, Town of Neepawa Water Treatment Plant Staff sampled the tap water from your property, located at <<>>. Results were returned and determined that your lead sampling levels were elevated.

What is Lead? Lead is a bluish grey metal found naturally in the environment. Lead can be found in the air, soil, food, water and in certain consumer products. Lead is not found in Manitoba's natural water sources, such as groundwater or surface water utilized for drinking. Lead was used as an acceptable material for water service lines up until 1975. Plumbing materials and fittings such as solder, faucets or valves in older homes built prior to 1990 may also contain lead. You can confirm it's a lead pipe by gently scratching the surface with a coin. If it's lead, scratching the pipe will leave a shiny silver metal mark. Lead is released into drinking water from lead containing parts in the distribution system or building plumbing systems. Lead service lines are the most significant sources of lead in drinking water.

In 2019, Health Canada lowered the lead health-based guideline from 0.010 to 0.005 mg/l. In 2020, Manitoba adopted Health Canada's guideline as a standard in the Drinking Water Quality Standards Regulation.

Lead can be released into the drinking water by the materials used in the distribution system when the chemistry of the treated water causes a reaction, changes in water source or treated water quality or the length of time water sits in the pipes. Fetuses and young children are the most sensitive to the effects of lead exposure, which can have neurological development and behavioral effects. At slightly higher levels of lead exposure, effects on the kidney and increased blood pressure have been reported in adults.

Manitoba has begun a residential lead testing program. Priority is being given to older, larger communities with known lead systems, according to the lead monitoring requirements set out by the Drinking Water Officer. In 2018, Town staff went door to door to every property with water service, and identified the service line material. Staff will now be taking water samples from every property that had a lead service identified.

The Office of Drinking Water and Province of Manitoba recommend that you immediately begin using an NSF-certified point-of-use treatment device, which is a reverse osmosis system, that will remove the lead from the water. You must also make arrangements to have your water service line (the line that distributes water from the water main in the street, to your home) replaced.

As per By-Law 3204-2, Management & Regulation of Waterworks & Wastewater System:  
*Water &/or Wastewater Connection (Mains to Property Line)*

48. *The construction and connection from the water and wastewater mains to the property line, shall be undertaken by the Town, with the property owner responsible for the respective surcharge per Section 80, or in accordance with costs and charges as may be adopted and approved by Council from time to time.*

**Water &/or Wastewater Service (Property Line to Building)**

49. *All costs of construction and connection from the property line to the building shall be the total responsibility of the property owner. The name of a qualified tradesperson or contractor and material list must be approved in writing by the Town, prior to the start of work. Work must be in accordance with provincial standards. A qualified tradesperson or contractor employed by the owner or occupier of premises, connecting to the Water and/or Wastewater Systems shall be deemed to be the agent of such owner or occupier and the Town will not be responsible for the acts of the tradesperson.*

*The Town reserves the right to request that any connection to the Town's water and/or wastewater mains be designed by a Professional Engineer.*

80. *Where a lot or property is within a developed residential area and the associated infrastructure debt for the construction and installation of the water and/or wastewater mains within the street has been retired, either by local improvement plan or paid by the municipality; and where a property is not, or has not been, serviced with a water and/or wastewater connection (i.e., main to property line);*
- *the Town shall install the Service Connection(s) to the front property boundary and shall charge the owner of the property a residential installation and surface restoration surcharge in amount of five thousand (\$5,000.00) dollars for each service required (i.e., water &/or wastewater); or*
  - *in the event that the Water and Wastewater Connections are installed in a common trench not exceeding 3 m (10 ft.) in width, and 7.5 m (25 ft.) in length, and at the discretion of the Manager, only one installation and surface restoration surcharge of five thousand (\$5,000.00) dollars will be charged to the property owner.*
81. *Where a lot is within a developed residential area where the infrastructure debt has been retired and an entire water or wastewater Service Line needs to be replaced due to age or condition, the Town shall perform that portion of the Service Line replacement for the affected property from the main to the property line for the charge established in Section 80(b). Property owners shall also be responsible for the cost of that portion of the Service Line from the property line to the structure, the cost of restoring connection of the service at the structure and the interior plumbing system and private property restoration.*

83. *Property owners refusing to participate in a renewal program and having a water service connection or line that is of a condition or material unacceptable to the Manager as per Section 82(a): shall still be subject to having the Water Connection renewed at the same cost as if the entire water service line was being replaced from the main to the building. Costs associated with renewing the water connection shall be collected under the authority of Subsection 252(2) of The Municipal Act in the like manner as a property tax; and shall still be subject to having the Water Connection renewed at the same cost as if the entire water service line was being replaced from the main to the building. Costs associated with renewing the water connection shall be collected under the authority of Subsection 252(2) of The Municipal Act in the like manner as a property tax*

The Town of Neepawa offers a subsidization of the service line replacement program, at a cost of \$5000, and recommends that your sewer service be renewed at the same time. Please contact Denis Saquet, Manager of Operations at 204-476-7655 or [operations@neepawa.ca](mailto:operations@neepawa.ca) as soon as possible to make arrangements for this service renewal. It is important to note that this is not an optional renewal, but is mandatory. Should we not hear from you within sixty (60) days, the renewal will be scheduled and all associated costs added to property taxes.

Once again, your water was sampled on <<date>>. Town of Neepawa Water Treatment Staff will continue to test all known lead locations within Neepawa.

Regards,

Denis Saquet, C.E.T.  
Manager of Operations

## 2025 Lead Sampling Results Report

Type of Service	Tap placement or Post	Date Tested	Results	Pass/Over
3/4" LEAD	Done 2023	July/25/2023	0.00164	Pass
1/2" LEAD	Done 2024	June/25/2024	0.0217	Over
3/4" LEAD	Done 2023	Oct/3/2023	0.01370	Over
3/4" LEAD	Done 2023	Oct/3/2023	0.00651	Over
3/4" LEAD	Done 2024	July/09/2024	0.00357	Pass
3/4" LEAD	Done 2024	July/09/2024	0.00357	Pass
3/4" LEAD	Done 2023	Sept/05/2023	0.00140	Pass
3/4" LEAD	Done 2023	Oct/31/2023	0.03950	Over
3/4" LEAD	Done 2024	Jan/23/2024	0.00075	Pass
3/4" LEAD	Done 2024	July/09/2024	0.00133	Pass
3/4" LEAD	Post			
3/4" LEAD	Post			
3/4" LEAD	Done 2024	Aug/06/2024	0.00669	Over
3/4" LEAD	Done 2024	Aug/06/2024	0.00738	Over
1/2" LEAD	Post House			
3/4" LEAD	South Tap			
3/4" LEAD	Post House			
3/4" LEAD	Done 2024	Feb/06/2024	0.0366	Over
3/4" LEAD	Done 2024	Mar/19/2024	0.00182	Pass
3/4" LEAD	Done 2024	July/23/2024	0.0364	Over
3/4" LEAD	Done 2024	June/11/2024	0.0109	Over
1/2" LEAD	Done 2023	Nov/14/2023	0.00199	Pass
3/4" LEAD	Done 2024	Sept/03/2024	0.00096	Pass
3/4" LEAD	Done 2024	June/11/2024	0.00879	Over
3/4" LEAD	Done 2023	Nov/28/2023	0.02350	Over
3/4" LEAD				
3/4" LEAD	Done 2023	June/13/2023	0.00178	Pass
3/4" LEAD	Done 2024	April/2/2024	0.26200	Over
1/2" LEAD	Post			
3/4" LEAD	Done 2024	July/23/2024	0.00457	Pass
3/4" LEAD	Post			
3/4" LEAD	Done 2023	May/30/2023	0.00378	Pass
1 1/2" LEAD	Done 2023	July/11/2023	0.16100	Over
1/2" LEAD	Done 2024	Feb/20/2024	0.00146	Pass
3/4" LEAD	Done 2024	Jan/09/2024	0.00138	Pass
5/8" LEAD	Done 2023	May/04/2023	0.00405	Pass
3/4" LEAD	Post			
1/2" LEAD				

3/4" LEAD	East Outside Tap			
3/4" LEAD	Done 2023	Aug/22/2023	0.01600	Over
3/4" LEAD	Done 2024	Mar/05/2024	0.00701	Over
3/4" LEAD	North Tap			
1" LEAD	Done 2023	Aug/08/2023	0.00191	Pass
3/4" LEAD	Post			
3/4" LEAD	South Outside Tap			
3/4" LEAD	South Outside Tap			
3/4" LEAD	North Tap Oustide			
3/4" LEAD	Done 2023	Oct/17/2023	0.08090	Over
3/4" LEAD	Post			
3/4" LEAD	Done 2023	Dec/27/2023	0.043600	Over
3/4" LEAD	Done 2023	Dec/27/2023	0.000197	Pass
3/4" LEAD	Post			
3/4" LEAD	South Tap			
3/4" LEAD	Post			
3/4" LEAD	Done 2024	Aug/20/2024	0.00139	Pass
3/4" LEAD	Done 2024	Aug/20/2024	ALS Lost	Samples
3/4" LEAD	South Tap	Oct/15/2024	0.00687	Over
3/4" LEAD	South Tap	May/28/2025	0.00862	Over
3/4" LEAD	Post			
3/4" LEAD	Post			
3/4" LEAD	Post	Mar/4/2025	0.00655	Over
3/4" LEAD	Post House			
3/4" LEAD	Post House			
3/4" LEAD	Done 2023	May/30/2023	0.00512	Over
3/4" LEAD	Done 2023	June/27/2023	0.00154	Pass
3/4" LEAD		March/18/2025	0.0249	Over
3/4" LEAD	Back Alley Outside Tap			
3/4" LEAD				
3/4" LEAD	Done 2023	Dec/12/2023	0.05410	Over
3/4" LEAD	Done 2023	Dec/12/2023	0.00606	Over
3/4" LEAD	Back Outside Tap	June/25/2024	0.0012	Pass