WOODSTOCK

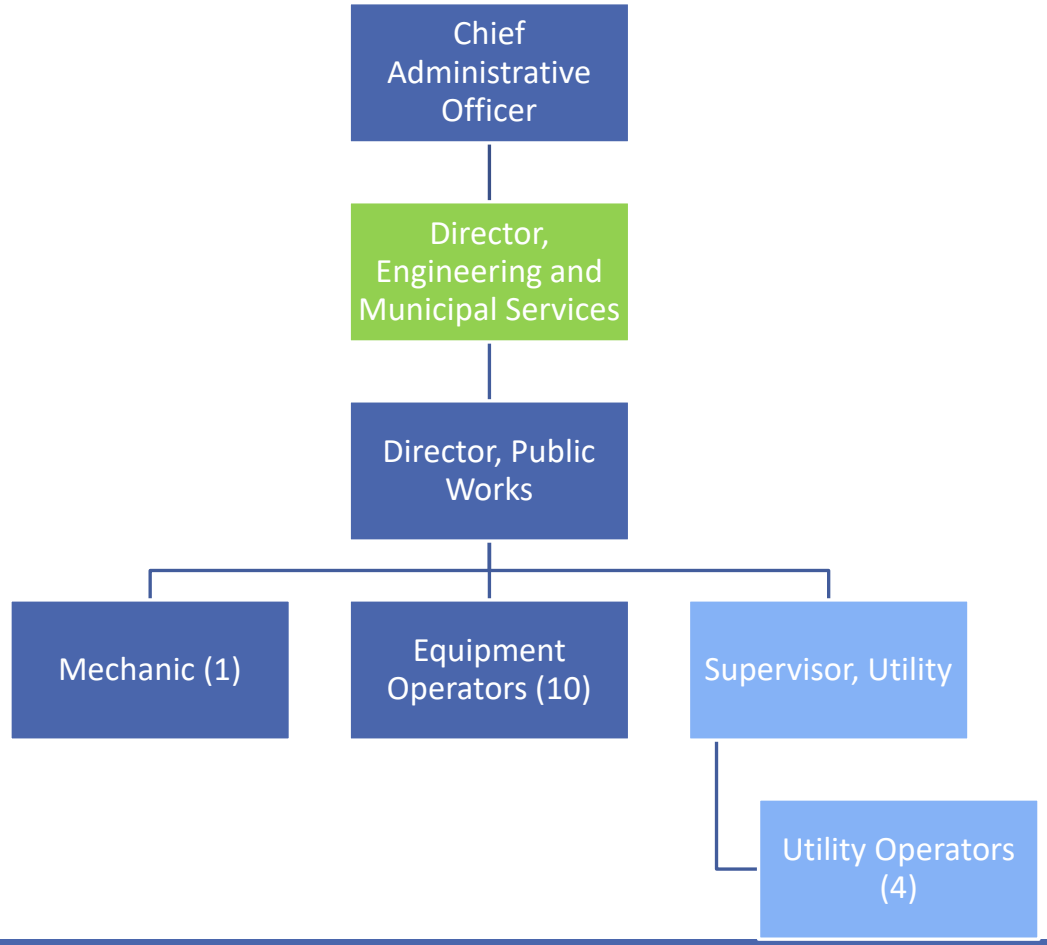
Presentation to Council
2025 Utilities Review

FEBRUARY 24, 2026

Mandate of Utilities

1. Maintain the supply of drinking water at required quantity and quality levels,
2. Increase the security of that supply by developing well #3,
3. Ensure the distribution infrastructure operates effectively,
4. Ensure the waste and storm water collection infrastructure operates effectively,
5. Maintain the proper treatment and disposal of wastewater,
6. Do the above safely, and within budget.

Utilities Organization Structure



Recruiting for a Director, Engineering and Municipal Services, who will then determine if Utilities reports directly to him/her.

Budget Comparison

Revenue and Expense Utility	2025 Budget	2026 Budget	2026 Change	2026 % Change
Revenue - water and sewer				
Residential and Commercial	$1,965,050	$2,120,000	$154,950	7.89%
Other fees and income	$210,504	$210,504	$0	0.00%
Total Revenue	**$2,175,554**	**$2,330,504**	**$154,950**	**7.12%**
Expenses				
Water Expenses	$1,080,735	$991,040	-$89,695	-8.30%
Sewer Expenses	$936,447	$848,640	-$87,807	-9.38%
Total Operating Expenses	**$2,017,182**	**$1,839,680**	**-$177,502**	**-8.80%**
Fiscal Services				
Interest and Principal	$64,134	$64,616	$482	0.75%
Capital	$69,736	$348,365	$278,629	399.55%
(Surplus) Deficit carried in	$24,502	$77,843	$53,341	217.70%
	$158,372	**$490,824**	**$332,452**	209.92%
Total Expenses	**$2,175,554**	**$2,330,504**	**$154,950**	**7.12%**

2025 Major Capital Expenditures

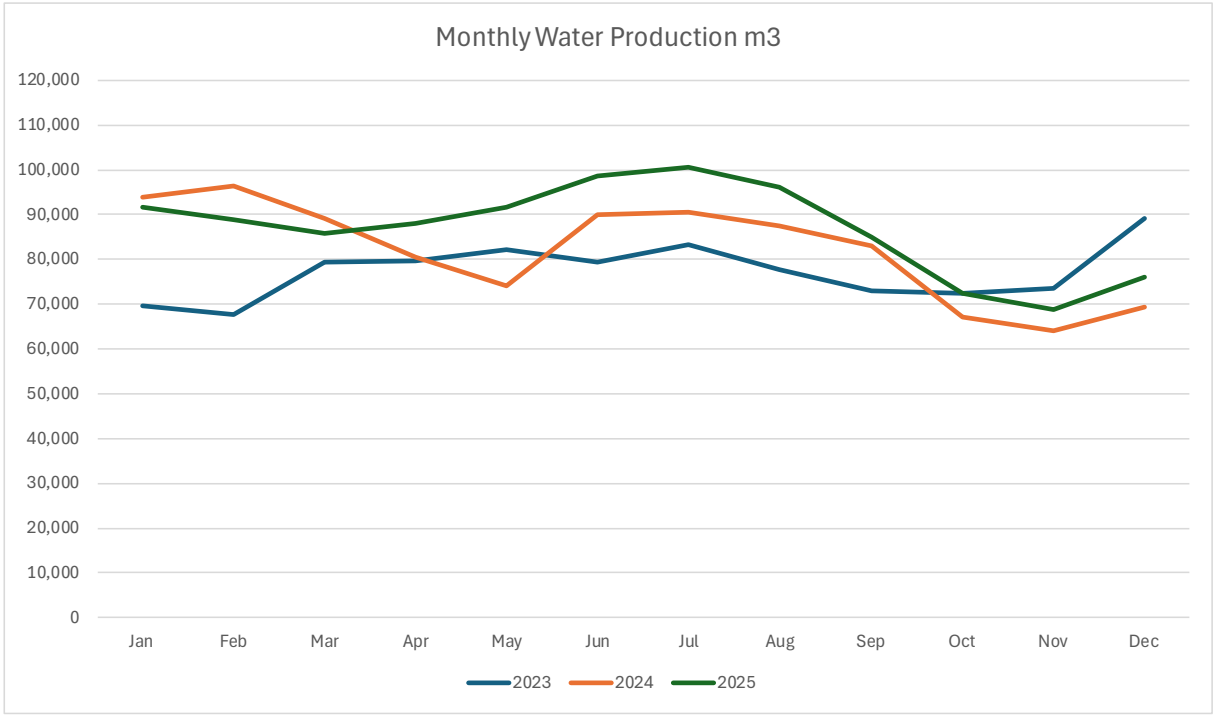
Well #3 Drilling and Development	$ 669,837
Building Purchase - Utility portion	$ 198,843
Well House PLC Upgrade	$ 25,996
St Andrew's Booster pumps (2)	$ 38,812
Backhoe purchase	$ 211,700
Heller Road Transformer upgrade	$ 12,410
Total 2025 Capital Spend	$1,157,597

Spending funded by a combination of Regional Development Commission support, Municipal Borrowing, and direct capital budget.

Water Production

Water Production, m3

Month	2023	2024	2025
Jan	69,553	93,950	91,586
Feb	67,599	96,471	88,777
Mar	79,296	89,100	85,883
Apr	79,633	80,571	87,958
May	82,283	74,120	91,690
Jun	79,308	89,945	98,503
Jul	83,377	90,475	100,551
Aug	77,775	87,473	96,115
Sep	72,982	82,934	84,978
Oct	72,551	67,217	72,434
Nov	73,452	64,041	68,883
Dec	89,025	69,357	75,988
Average	77,236	82,138	86,946
Annual	926,834	985,654	1,043,346
Change		6.3%	5.9%



1 million m3 = 220 million Imperial Gallons

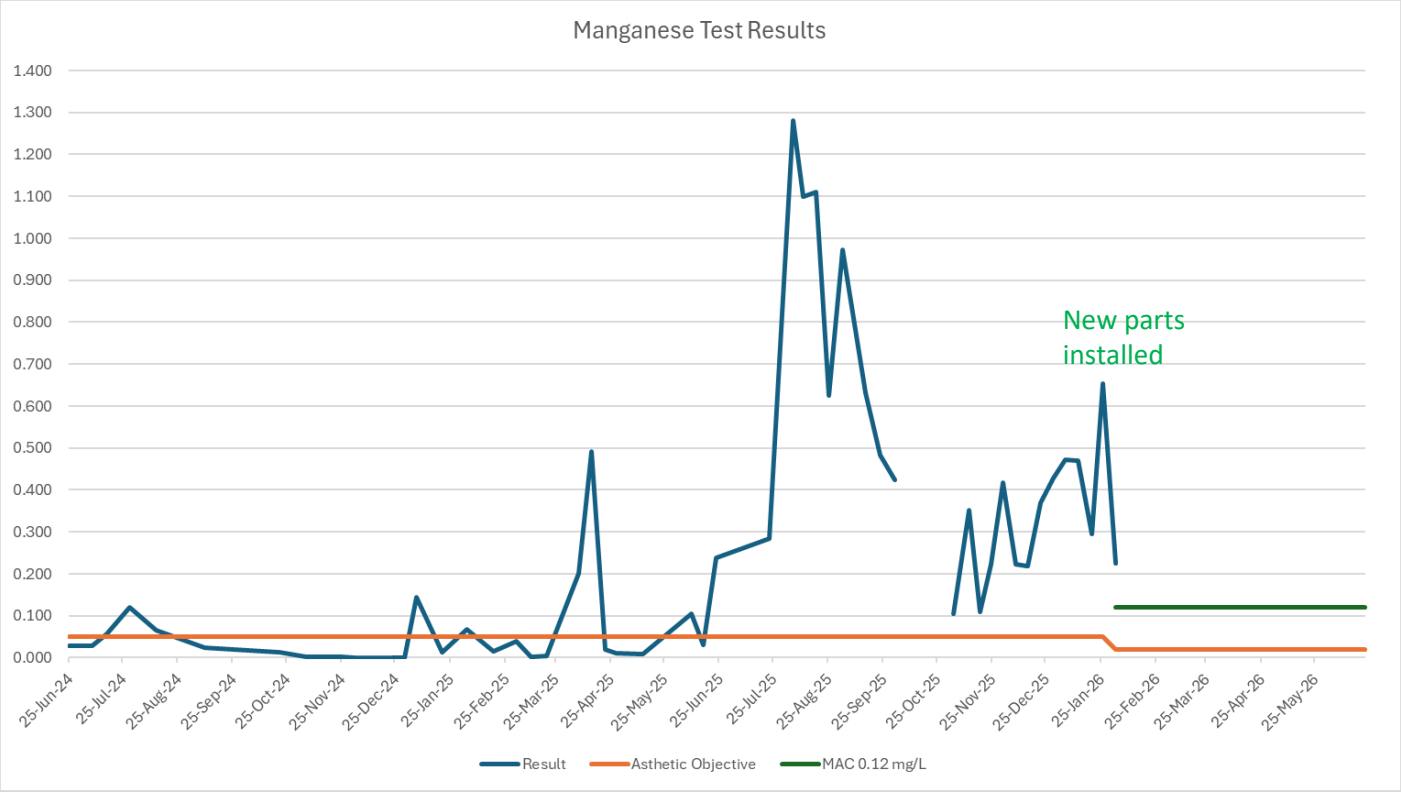
Status of Well #3

- Well # 3 was drilled March 3rd, hitting water at 157 feet.
- Well development and 72 hour testing completed in August.
- Results of testing compiled, analyzed and submitted to Department of Environment and Local Government in October.
- Well approval at 1,524 Imp gallons per minute received November 25.
- Well house is prepared to accept the new water line.
- Awaiting arrival of pitless adapter and flow meters to finalize connection.

Manganese Levels

- From June 2024 to May 2025 we maintained good control, with an average of 0.057mg/L
- In June 2025 we experienced spikes in manganese levels above 1.00 mg/L, which then fluctuated between 0.20 and 0.50 mg/L for the balance of the year.
- In June we brought in the manufacturer of the treatment system for a full inspection. The manufacturer produced thirteen recommendations including programming changes, and meter and valve replacements. Parts were ordered, some having long lead times.
- All recommendations were completed by the end of January 2026 with the final arrival of parts.
- We continue to monitor the system as the bacteria levels re-establish, monitoring daily with in-house tests as well as our regular bi-weekly external testing.
- We are costing out the potential of a replacement water treatment system for future requirements.
- We will expand our consultation with third party experts regarding testing protocols and locations.

Manganese Levels



- In mid- February 2026, the Province reduced the aesthetic objective from 0.05mg/L to 0.02 mg/L, and for the first time added a maximum allowable concentration of 0.12 mg/L to match the Canada Drinking Water Guidelines.

- We have requested guidance from the Department of Health on actions required if MAC is exceeded.

Testing of Personal Wells

- New Brunswick recommends that private wells be tested twice annually for bacteria and other contaminants, preferably in the spring and fall.
- Water sample bottles and sampling instructions may be obtained from the Woodstock Service New Brunswick location or RPC Analytical Services offices in Fredericton.

Well Water Safety Checklist

New Brunswick Nouveau Brunswick

WELL WATER: A Safety Checklist

APPROXIMATELY 40% of New Brunswickers depend on drilled, dug, or spring-fed wells for their drinking and household water. It's important to know how to ensure the safety of your well water supply.

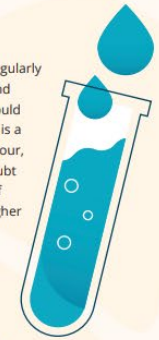
MAINTENANCE

Wells are supplied by aquifers, or underground reserves, which are generally protected by the overlying soil. However, well water can be affected by improperly maintained or damaged well casings. That's why regular maintenance is so important.

1. Periodically inspect your well for problems such as: cracked, corroded, or damaged well casings, pumps, or pipes; or a broken or missing well cap.
2. Slope the surrounding area to drain surface runoff away from the well.
3. Disinfect wells through chlorination at least once per year in the spring or fall, or after long periods of non-use. An instructional brochure is available from the Department of Environment and Local Government.
4. Avoid mixing or using household pesticides or fertilizers, degreasers, fuels, and other pollutants near the well.
5. Do not dispose of wastes in dry or abandoned wells.
6. Protect your well and keep the area free from pet and animal waste.
7. Do not cut off the well casing below the land surface. If this has already occurred, have the casing extended to 30 cm above ground level.
8. Complete routine septic system maintenance every 2-3 years as recommended by the Department of Health and never dispose of hazardous materials in a septic system.
9. Any new well construction, modification, or decommissioning must be carried out by a licensed well driller.

TESTING

Well water should be tested regularly for the presence of bacteria and chemical contamination. It should be tested immediately if there is a change in its clarity, colour, odour, or taste, or if you have any doubt regarding its safety. The risk of well contamination may be higher after an extended dry spell, following heavy rains, or after lengthy period of non-use.



1. Well water should be tested for bacteria twice per year, in spring and fall.
2. Test for inorganic compounds (such as nitrates, arsenic, and fluoride) every two to three years.
3. Test for organic compounds if there has been a recent incident, like a petroleum spill near the well, or if the water source has been exposed to chemicals.
4. Carefully follow all instructions for taking a water sample and use RPC Analytical Services or an accredited laboratory to have the sample analyzed.
5. Seek advice for testing and corrective action from the Department of Environment and Local Government, the Department of Health, a licensed well driller, or water treatment specialist.

SAMPLE COLLECTION

Water sampling kits can be obtained from select Service New Brunswick service centre locations as well as from RPC Analytical Services offices in Fredericton and Moncton. Each sampling kit contains: a small clear plastic sample bottle, a water sample submission form and instructions entitled 'Water Sampling Procedure.'

1. Read and follow sampling instructions carefully to ensure sample integrity. It is important to keep the sample refrigerated.
2. Fill out the water sample submission form. Do not forget the following information:
   - full name
   - complete address
   - daytime phone number
   - sample date and time
   - property identification number (PID), which can be found on your tax form or by calling Service New Brunswick at: 1-888-762-8600.
3. Return your refrigerated water sample within 24 hours of collection. Return both the sample and the submission form to the same place you received your water sample kit.
4. Refer to the 'Water Sampling Procedure' for a complete list of pick-up and drop-off locations. They can also be found here.

A FINAL NOTE

When you request to have your water tested for bacteria, well water samples analyzed at the RPC Analytical Services laboratory are tested for two primary sources of bacteria: total coliforms, which occur naturally in soil and in the intestines of humans and animals, and Escherichia coli, or E. coli which are found only in the intestines of humans and animals.

The results of your well water test will be shared with you and will be compared to the maximum acceptable concentrations for bacteria under the New Brunswick Drinking Water Quality Guidelines.

WE'RE HERE TO HELP. FOR ADDITIONAL INFORMATION:

Department of Environment and Local Government, Healthy Environments Branch

506 453 2690
elg/egl-info@gnb.ca
www.gnb.ca/environment

Infrastructure Condition

Water Infrastructure Health

Well House US gpm

Well #1	
Well #2	750
Well #3	1828
Generator	

Water Treatment

Tank Condition		Cosmetic work only
Controls & Valves		Refurbished 2026
Media		Refreshed 2026
Chlorine pumps		

Booster Stations

	Pump 1	Pump 2	Pump 3	Aux Pump	Generators
Heller Road					none
Eastwood					
Neal					none
St. Andrews					none
Wallace Street					

Storage Tanks

Eastwood		Refurbishment due
St. Andrews		
Charles St.		

Lift Stations

	Pump 1	Pump 2	Generator	Chambers	Overflow
JR's			none		
Searle			none		
Water St.			none	Grit Chamber	
King St.			none		Plug old overflow
Everett St.			none		
Lower Main			none	Rebuild	
Connell St.			none		
Ironwood			none		

Waste Treatment Plant

Intake		
Diffusers		Replace 2028
Lagoon		
Chlorinator		Rebuild 2026
Outflow		
Curtain		Replace 2027
Generator, SCADA	portable now	

2025 Infrastructure activity

- System mapping - we again hired two students to continue detailed mapping of our utilities system. This is providing greater visibility and accuracy to the location of all hydrants, valves, manholes and other structural elements, speeding response and repair times in case of water breaks.
- Valve mapping, exercising and repair. We continued the identification, exercising and repair of valves, replacing or repairing as found. Increased valve control decreases the area impacted by water breaks, and the time taken to isolate and repair those breaks.
- St. Andrews booster station was upgraded from one pump to three pumps, providing the required redundancy to ensure capability to provide water in both the St. Andrews and Eastwood Heights distribution systems.
- The Heller Road booster station received a significant electrical transformer upgrade to ensure continued ability to provide water for the Heller Road system.

2025 Infrastructure activity

- Replaced two failed pumps at the Wallace Street booster station. This station has three pumps in place so there was no interruption in service.
- Replaced four non-operating fire hydrants.
- Systematic hydrant flushing occurred in late August and into September, with further flushing occurring as needed throughout the fall to clear lines and better control manganese buildup within the system.
- The Utilities and Public Works teams responded to and repaired twelve water breaks in 2025, plus repaired six water services.
- The Utilities team assisted Boissonnault-McGraw in the analysis and planning for infrastructure upgrades and expansions that will be required in the near to mid future as housing development continues within Ward 4.

2025 Infrastructure activity

- Pumps were repaired, and where necessary, upgraded at our lift stations throughout the system, including J.R.'s, King Street, Water Street and Lower Main Street.
- All lift stations were investigated for conditions, flows and required upgrades by Boissonnault-McGraw with the priority report coming in 2026 Q1.
- The integration of the Woodstock First Nations wastewater system into our treatment plant was successfully completed in 2025.
- A replacement chlorination/dechlorination unit was designed and received approval to construct from ELG in 2025, and was given approval by Council to proceed.
- A four-year plan for capital requirements at the wastewater plant is being prepared, including a new baffle curtain and a review of the air diffusion system.

Major Utility Capital Requirements

Utility Capital Four Year Plan (proposed)

Description	Estimate	Timing
Well # 3 - complete and commission	$185,000	2026
Spring Court sewer upgrades	$2,117,000	2026
Waste water chlorination/dechlorination	$150,000	2026
JR's Lift station, variable speed drives	$25,000	2026
Waste water treatment generator SCADA	$15,000	2026
Waste water Curtain replacement	$225,000	2027
Lr Main lift station, chamber & pipe rebuild	$90,000	2027
Searle Street PLC power replacement	$25,000	2027
St. Andrews Booster station generator	TBD	2027
Waste water diffuser replacement	TBD	2028
Water Street lift station grit chamber	$50,000	2028
Eastwood Reservoir refurbishment	$1,200,000	2029
Total	$4,082,000	
4 Year average	$1,020,500	

This amount does not include any funds for renewal of underground water and sewer infrastructure.

Proposed Residential Billing Rates

Proposed annual residential rate structure (subject to approval)

Class	2025	2026	2027	2028
Residential, Tier 1	$650.00	$725.00	$800.00	$850.00
Residential, Tier 2 (default)	$775.00	$800.00	$825.00	$850.00
Residential, Tier 3	$825.00	$850.00	$850.00	$850.00
Residential, Tier 4	$925.00	$925.00	$925.00	$850.00
Residential, added rental unit	$400.00	$450.00	$500.00	$550.00
Multi unit, per unit	$400.00	$450.00	$500.00	$550.00