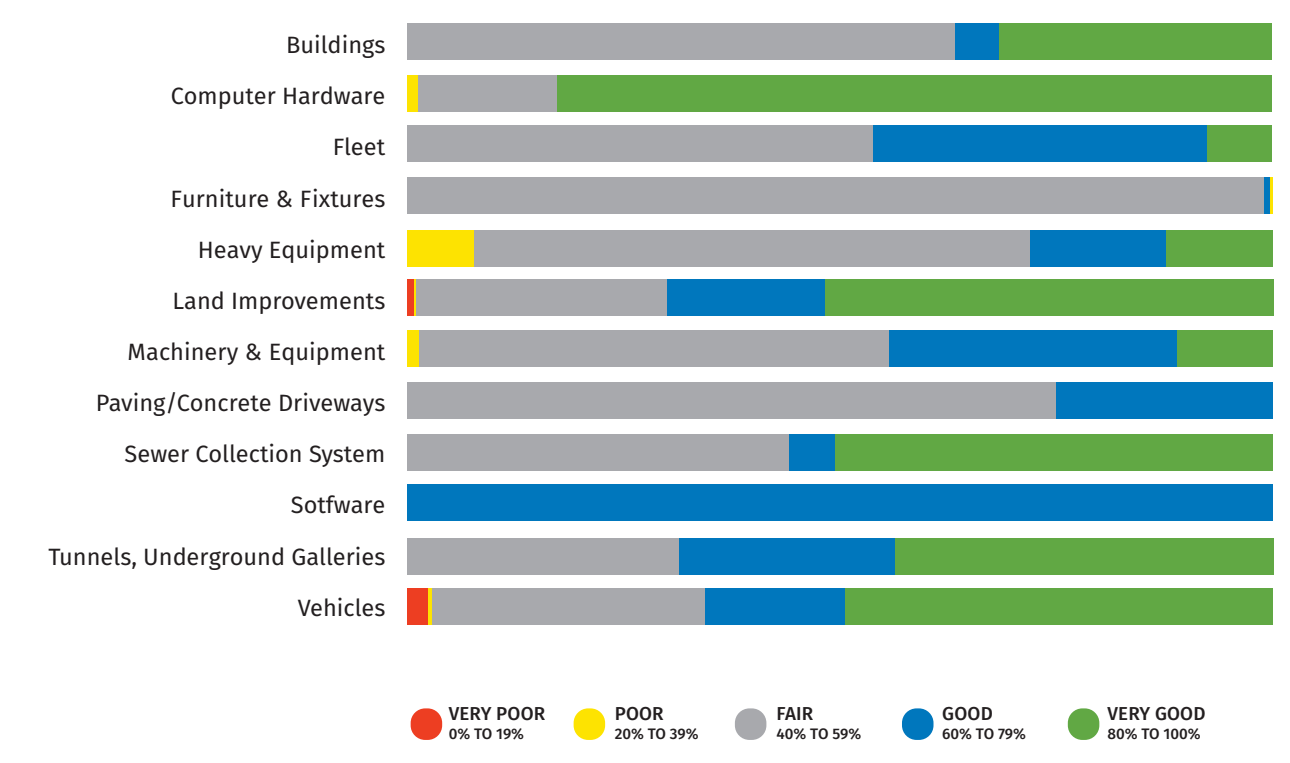


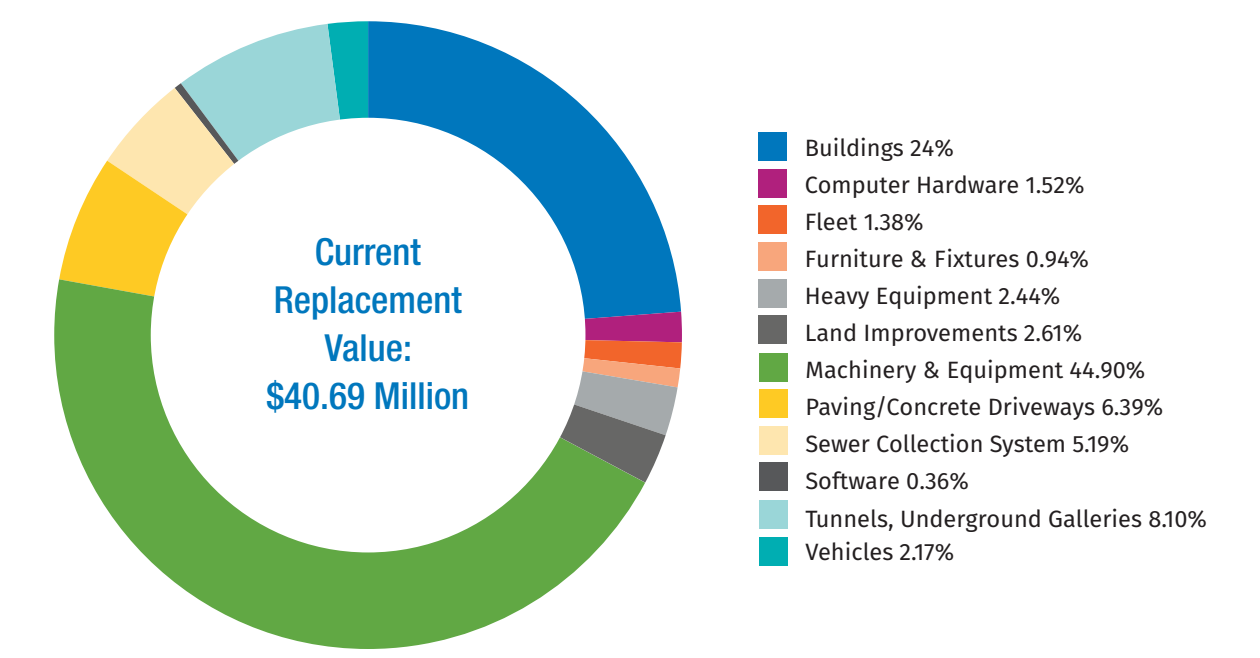
ASSET MANAGEMENT

Condition Assessment by Asset Category



TransAqua owns, operates and maintains a resilient and robust system that embraces preventative maintenance concepts to keep the system assets operating in the most difficult conditions. The WWTF has backup generators and redundant equipment to ensure continuous wastewater treatment service. The overall condition of TransAqua's infrastructure is fair to very good depending on the asset component.

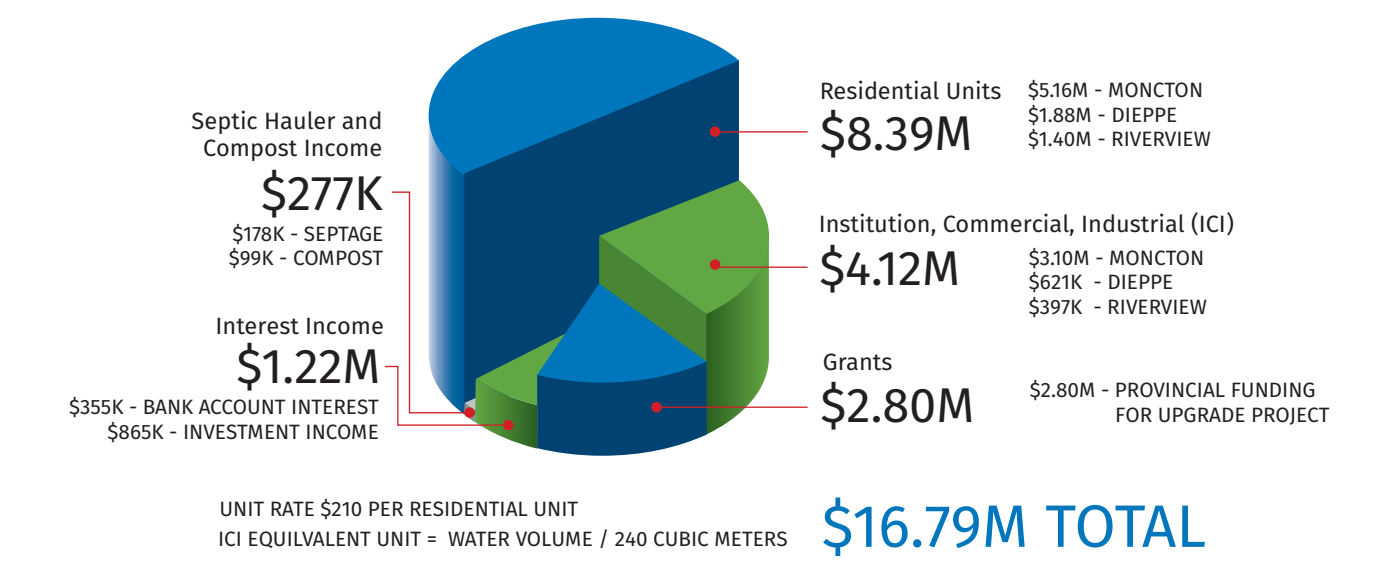
TransAqua's wastewater assets depreciated by \$4.12 Million in 2022 and the average annual renewal expenditure over the next 15 years is \$2.71 Million in order to maintain a "Fair" or above rating. Assets that fall into the "Poor" or "Very Poor" category face increased maintenance costs and downtime along with the risk of catastrophic failure.



FINANCIAL PICTURE

The 2022 rate of \$210 / Residential Unit has been the same since 2016. The number of Meter Equivalent Units for billing purposes by the Commission is to be determined by each Municipality by calculating the total annual volume of water consumption by Institution, Commercial and Industrial users divided by the Meter Equivalent Unit conversion factor which is currently set at 240 cubic metres per year.

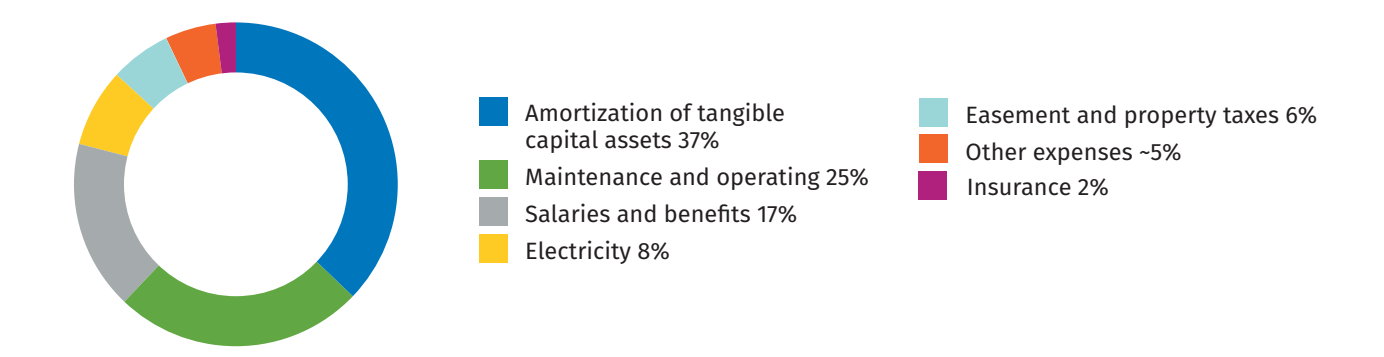
2022 Revenue Breakdown



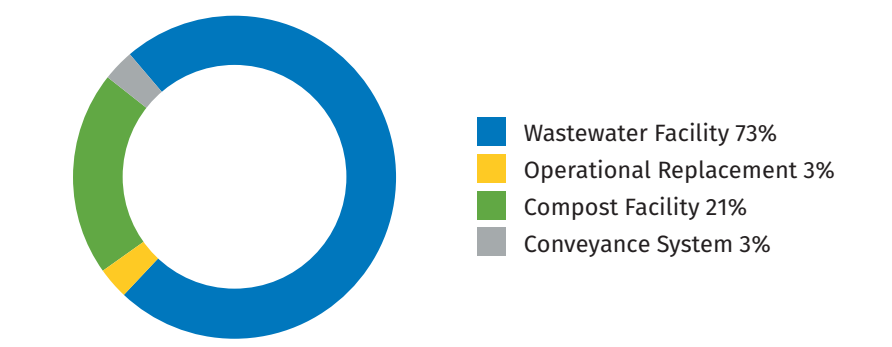
TransAqua's Operating Budget for 2022 is \$10.31 Million. TransAqua's breakdown of expenses is shown below:

Operating Expenses: \$11.11 Million

GMWC's Capital Program adheres to the 2019-2023 GMWC Strategic Plan's Perspective to provide fiduciary stewardship with prudent financial planning that balances short-term operating needs with long-term public amenity and infrastructure requirements. It is necessary to ensure that appropriate capital investments are made to advance GMWC and ratepayer priorities in a fiscally prudent and financially sustainable manner while considering global external economic conditions that could directly impact ratepayers.



Capital Expenditures: \$11.67 Million



TREASURER'S REPORT

This year TransAqua has closed the upgrade project under budget through some very difficult conditions through a pandemic and a challenging supply chain. The 2016 budgeted capital needed for the project was \$90.40M while the actual amount at closing of the project is \$88.81M. The final claim of \$1.14M has been submitted to RDC, and there is a remaining holdback of \$1.13M by Infrastructure Canada that can only be claimed once the project closed. The required reports have been submitted and it is expected that this amount will be remitted by March 31st, 2023.

As of December 31, 2022, actual operating expenses totalled \$11.11M compared to a budgeted amount of \$10.31M. Variances to budget consist of an unplanned expense for trucking biosolids to an offsite location costing \$363K, higher production of biosolids totalled \$153K, and additional water charges of \$108K. Depreciation is over budget due to a combination of timing of project capitalization and 2022 budget assumptions. Actual revenues are \$16.79M compared to a budget of \$16.35M. Variances to budget consist of the purchase of unbudgeted new investments with favourable interest rates that increased

JPO
Jean-Pierre Ouellette
Treasurer

investment income by \$800K. Septic loads were higher than anticipated by \$100K and lower than budget grant revenue of (\$455K) due to the project closing under budget.

Budgeted capital expenditures were \$17.32M while \$11.67M were spent. Variances are due to being underspent in Operational Replacement by \$936K, Wastewater Facility by \$4.56M, Conveyance System by \$1.45M and overspent by (\$1.19M) in Compost Facility.

Please go to www.transaqua.ca/commission/annual-budget-and-capital-plan to see GMWC's 2022 Audited Financial Statements.



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MISSION VISION

To collect and treat wastewater in a reliable, cost-efficient and environmentally responsible manner.

To be an outstanding environmental steward supporting regional planning, economic development and quality of life for the communities of Dieppe, Moncton and Riverview.

VALUES

GMWC's journey toward a sustainable and innovative organization has allowed the Commission Board and staff to become a team who always upholds GMWC's Values.

TEAMWORK	ACCOUNTABILITY	INTEGRITY	ACHIEVEMENT RESULTS ORIENTED	EFFECTIVE COMMUNICATION
Working well with people is an absolute necessity. This is best accomplished with healthy debate & meaningful discussion to find the best conclusion & eventual decisions for forward process. Teamwork & Mutual Respect for one another are essential to our success.	At the core of accountability is reliability and personal responsibility. Therefore, we value the ability of our staff and organization to work diligently and honor our commitments. We will also take responsibility for our work and promptly correct mistakes to the greatest extent possible.	Integrity is the quality of being honest and having strong moral principles. Integrity comes in many forms, but the most important traits that we expect here are dependability, honesty, trustworthiness, respect, loyalty and good judgement.	The ability to focus on achieving efficient, timely, quality results by directing efforts on expected outcomes, setting challenging goals, focusing effort on the goals, and meeting or exceeding them within expected timeframes.	Openly communicating in a compelling, honest, persuasive and articulate manner, ensuring the message is clear, understood and consistent with TransAqua objectives. Exchanges ideas and willingly explores a variety of perspectives that respects unique individuals, audiences and circumstances.

MESSAGE FROM THE CHAIR AND GENERAL MANAGER

It is hard to imagine that 40 years ago, Greater Moncton was still discharging its wastewater into the Petitcodiac River without any form of treatment. How things have changed. Today, citizens of our region can take pride in knowing that they can rely on one of the most sophisticated wastewater treatment facilities in all of Canada.

The road travelled over four decades is considerable and 2022 will forever be remembered as the year the Greater Moncton Wastewater Commission's WWTF Upgrade and Modernization Project was officially completed. The Project, undertaken over a six-year period, successfully brought Greater Moncton's wastewater in line with the federal effluent regulation on time in 2020. The last few phases were delayed due to supply chain issues that also plagued many other projects and the world economy. Despite a few delays at the end, overall, the \$90.4 million initiative came in \$1.6 million under budget at the end of 2022.

The Upgrade Project has had unintended consequences, both positive and negative. On the positive side, the wastewater facility is more efficient than expected, which means that it is successfully diverting more biosolids away from the Petitcodiac River than expected. The operation is extracting approximately 46% more biosolids than before the upgrade, whereas it was only expecting a 25% increase.

This is excellent news for the Petitcodiac River and the environment in general, but it also means that more biosolids need to be processed above ground. The wastewater treatment facility went from producing approximately 11,000 tonnes of biosolids in 2020 to over 16,000 tonnes in 2021 and closer to 17,000 tonnes in 2022. This excess volume of biosolids has proven challenging for TransAqua to handle at its compost facility, which means that, in all likelihood, some fugitive odours have reached Moncton's North End neighbourhoods. TransAqua has proactively taken several measures to minimize the risk of fugitive odours in the future. The organization remains highly confident in the effectiveness of its odour containment strategies.

While the completion of the WWTF Upgrade and Modernization Project and the work on odour issues in Moncton's North End consumed a large portion of staff and Board time, the organization continued to take on other operational priorities, such as completing the Asset Management Plan including a Risk Management analysis, Investment Strategy, Cybersecurity, Energy Management and Information System and an Energy Treasure Hunt exercise with NB Power. The Commission unveiled its inaugural Infrastructure Report Card and Business Plan to the public in 2022.

On behalf of the organization, we would like to use this opportunity to thank those who have worked to advance our vision and mission this past year. This includes our hard-working staff and Board members and, of course, our municipal partners.



Michel Desjardins
Chair



R. Kevin Rice, B.Sc., CET
General Manager

STAFF



Front Row left to right: Justin Cormier, Chris Petrie, Stella Richard, Candace Jonah, Kevin Rice, Sharon Doucette, Grant Wilson, Lawton Hicks'

Back row left to right: Gordon Buck, Gerald Leclerc, Peter Brown, Burtis Hayes, Jordan Welsh, Philip Chase

Missing: Ralph Green, Colby Perry, Chris Garnett

HONOURS



The Greater Moncton Wastewater Commission received the **Atlantic Canada Water and Wastewater Association's 2022 Project of the Year Award**.

Peter Brown, CET, Operations Manager achieved the **Class 4 Wastewater Treatment certification**, the highest level in Canada!

Justin Cormier, RSE, Wastewater Treatment Maintenance achieved the **Class 1 Wastewater Treatment certification**.

Gerald LeClerc, Class 3 Wastewater Treatment Operator-in-Training achieved the **Class 2 Wastewater Treatment and Wastewater Collection certifications**.

Ralph Green, Wastewater Treatment Maintenance achieved the **Class 1 Wastewater Collection certification**.

GOVERNANCE



COMMISSION MEMBERS

During the year, the Board also continued to strengthen its governance framework. It amended several policies including Bylaw No. 1 (to clarify the roles of its Executive members), the Code of Business Ethics and Confidentiality, Records Information Management Policy, Sponsorship Policy and Visitor and Contractor Sign-In Sign-Out Policy. Furthermore, the Board adopted some new policies including the Energy Management Policy and the Compost Facility Odour Control Plan.

In 2022, the City of Dieppe appointed Victor Cormier to replace Commissioner Yves Gagnon who had completed a term of 4 years. Town of Riverview appointee Gerald Lundquist announced his resignation in October and had not yet been replaced by year-end.

JEAN-PIERRE OUELLETTE
Representing Dieppe
Current term to September 2023

- Treasurer of the Commission Board
- Member of Executive Committee
- Member of Finance, Audit and Governance Committee

JENNIFER DINGMAN, PhD
Representing Riverview
Current term to August 2025

- Commission Member
- Member of Finance, Audit and Governance Committee

MICHEL DESJARDINS
Representing Moncton
Current term to September 2024

- Chair of the Commission Board
- Member of Executive Committee

BRENDA DORE-KIDNEY
Representing Moncton
Current term to September 2024

- Secretary of the Commission Board
- Member of Executive Committee

VICTOR CORMIER
Representing Dieppe
Current term to September 2026

- Commission Member

VACANCY - Representing Riverview - *Current term to October 2024* - Commission Member

PUBLIC OUTREACH

TransAqua plays a significant role in raising awareness of the importance of wastewater treatment on public health and the environment. TransAqua provides meaningful sponsorship including in-kind services throughout 2022 for the following organizations: GMCC, Eco360, Fundy Biosphere Region, Nature Moncton, Sentinelles Petitcodiac Riverkeeper, Petitcodiac Watershed Alliance, Light-Up Riverview and various schools.

TransAqua maintains a bilingual website, www.transaqua.ca, to promote its current communication strategy, to keep the local community informed of its operations and goals for the future and allow for the public to register to receive information. TransAqua engages in weekly social

media campaigns, generates a quarterly Newsletter, provides information to those people that have registered for updates, advertises digitally and on radio providing the "Tip of the Week", has Open Houses and participates with international environmental initiatives (ex. 4 Oceans). Many wastewater treatment facility tours were provided in 2022.

TransAqua's public information booth could be visited at a Moncton Wildcats game with Eco360, The Riverview Fire Open House and the Fundy Biosphere Region's 2nd annual Swim-a-Thon for a Clean Ocean. The "Win your Water and Sewer Bill up to \$1,000" contest was popular with two very happy winners drawn in the third week of December.



MONCTON NORTH END ODOUR ISSUE AND COMPOSTING

TransAqua submitted the GMWC Compost Facility Odour Control Plan to the New Brunswick Department of Environment and Local Government as requested. A local engineering consulting firm and the GORE representative provided operational reviews with recommendations. TransAqua has fulfilled all identified short-term measures by installing a fogging system to help neutralize fugitive odours at the compost facility, cleaning up the site, transporting and disposing of biosolids at another approved facility, increasing the biosolids to bark ratio, monitoring the wind direction prior to turning compost piles, covering all Phase 1 and 2 piles and regular site monitoring.

TransAqua worked to fulfill its long-term commitments by retrofitting Compost Pad #3 with bunker styel walls in 2022. Two new compost covers were received in early 2023. Six additional compost covers are expected to arrive by late May 2023. Compost Pad #2 retrofit with walls will be complete by the end of February 2023. Construction of Compost Pad #4 will begin in spring 2023 and repairs and retrofit of Compost Pad #1 will begin in fall 2023.

PARTNERS / STAKEHOLDERS



ASSET MANAGEMENT

TransAqua – the Greater Moncton Wastewater Commission owns and operates wastewater collection, conveyance and treatment and compost infrastructure along with several operational assets such as trucks, heavy equipment, laboratory, land, compost toilets along the Riverfront Trail, etc. The collector and trunk sewers intercept 80 untreated sewer outfalls from flowing into the Petitcodiac River. GMWC currently owns infrastructure with a value of approximately \$182.98 Million with a net book value of \$124.56 Million after depreciation at the end of 2022.

