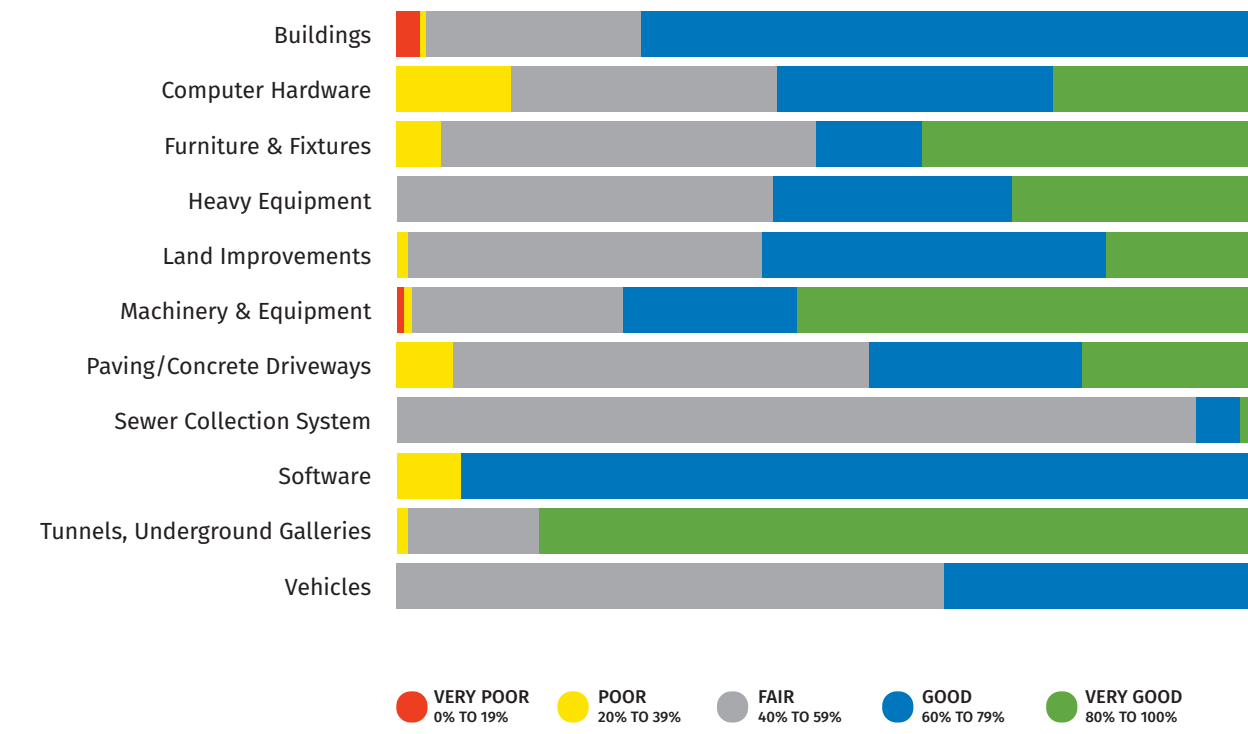


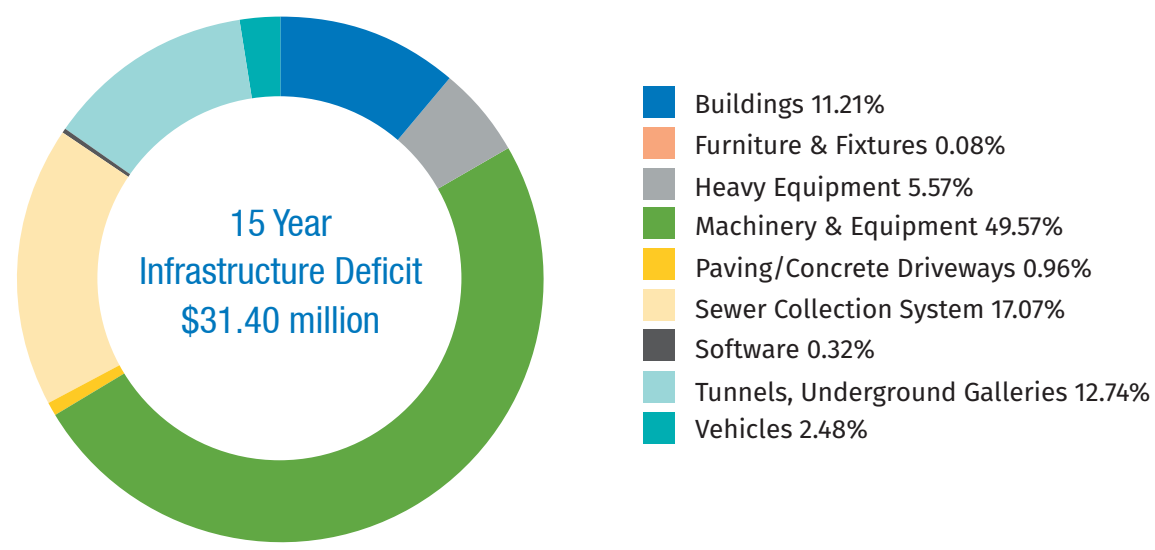
ASSET MANAGEMENT

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.

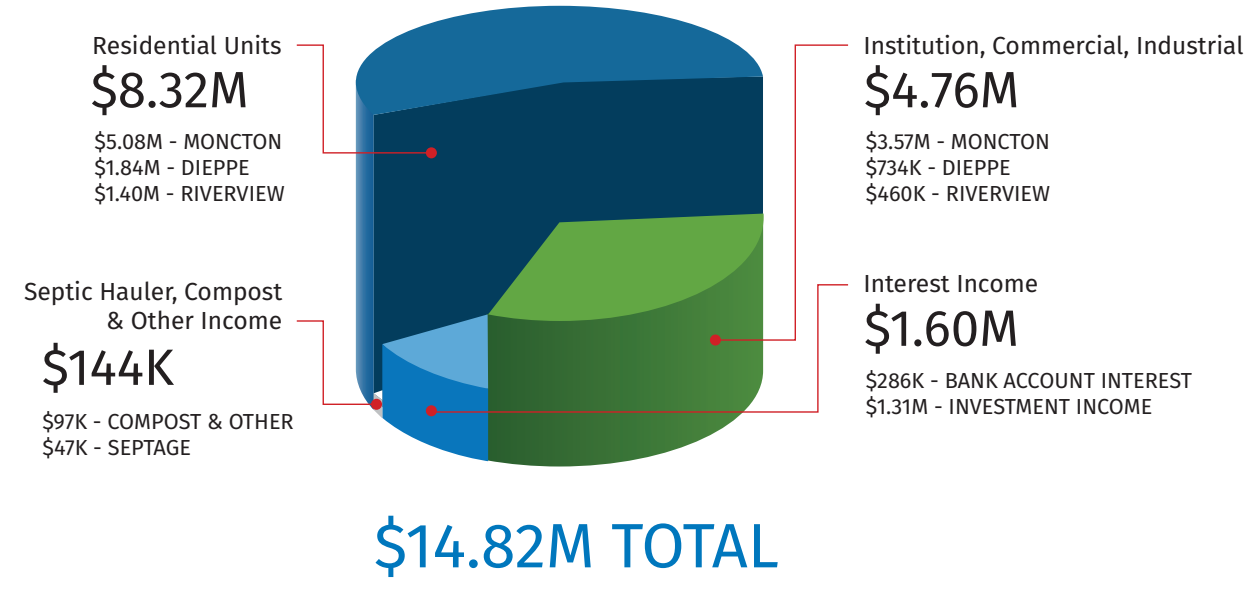
TransAqua's wastewater assets depreciated by \$4.39 million in 2023 and the average annual renewal expenditure over the next 15 years is \$2.09 million in order to maintain a "Fair" or above rating. Assets that fall into the "Poor" or "Very Poor" category face increased maintenance costs and downtime along with the risk of catastrophic failure.



FINANCIAL PICTURE

The 2023 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.

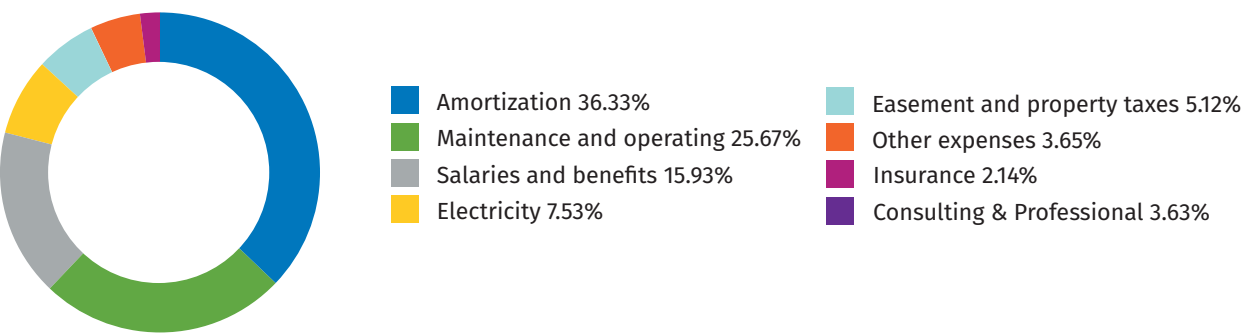
2023 Revenue Breakdown



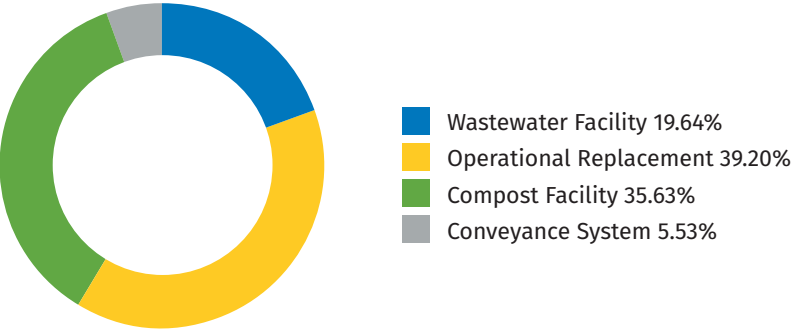
TransAqua's Operating Budget for 2023 is \$10.56 million. TransAqua's breakdown of expenses is shown below:

Operating Expenses: \$12.29 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: \$6.66 million



TREASURER'S REPORT

In a year that has seen inflationary pressures increase the cost of living and rapidly increasing population growth across the Tri-community, TransAqua has remained firmly focused on our ratepayers by maintaining the same unit rate of \$210 unit since 2016.

Actual revenues are \$14.82 million compared to a budget of \$14.83 million. Investment interest income continues to strengthen revenue by contributing \$1.60 million from GIC's purchased in 2022.

As of December 31, 2023, actual operating expenses totalled \$12.29 million compared to a budgeted amount of \$10.56 million. With older assets, increased reactive maintenance costs occurred. TransAqua has begun a shift of prioritization to replacing assets at the end of their life cycle and increasing preventative maintenance to reduce reactive maintenance costs. In 2023, critical assets were identified and a spare parts inventory has been created contributing to maintenance and operating expenses being over budget by \$542 thousand, in addition to higher production of biosolids being over budget by \$301 thousand. Depreciation is over budget by \$710 thousand due to a combination of the timing of the Upgrade Project capitalization and 2023 budget assumptions.

Budgeted capital expenditures were \$8.44 million while \$6.66 million was spent based on supply chain issues. Many replacement

assets are long delivery items that will not be received until 2024. Variances are due to being underspent in Operational Replacement by \$1.13 million (semi-trailer truck, centrifuge back drives, flowmeter), Conveyance System by \$133 thousand (security system), Compost Facility by \$1.32 million (Pad #1 bunker wall retrofit and floor slab repairs and pad #4 mechanical and electrical work). Actual cost for some contract pricing was higher than the budget estimate overspent by \$803 thousand at the Wastewater Facility (Main Pumping Station roof and emergency bar screen replacement with a fine screen).

Please go to www.transaqua.ca/commission/annual-budget-and-capital-plan to see GMWC's 2023 Audited Financial Statements.

Jennifer Dingman
Treasurer

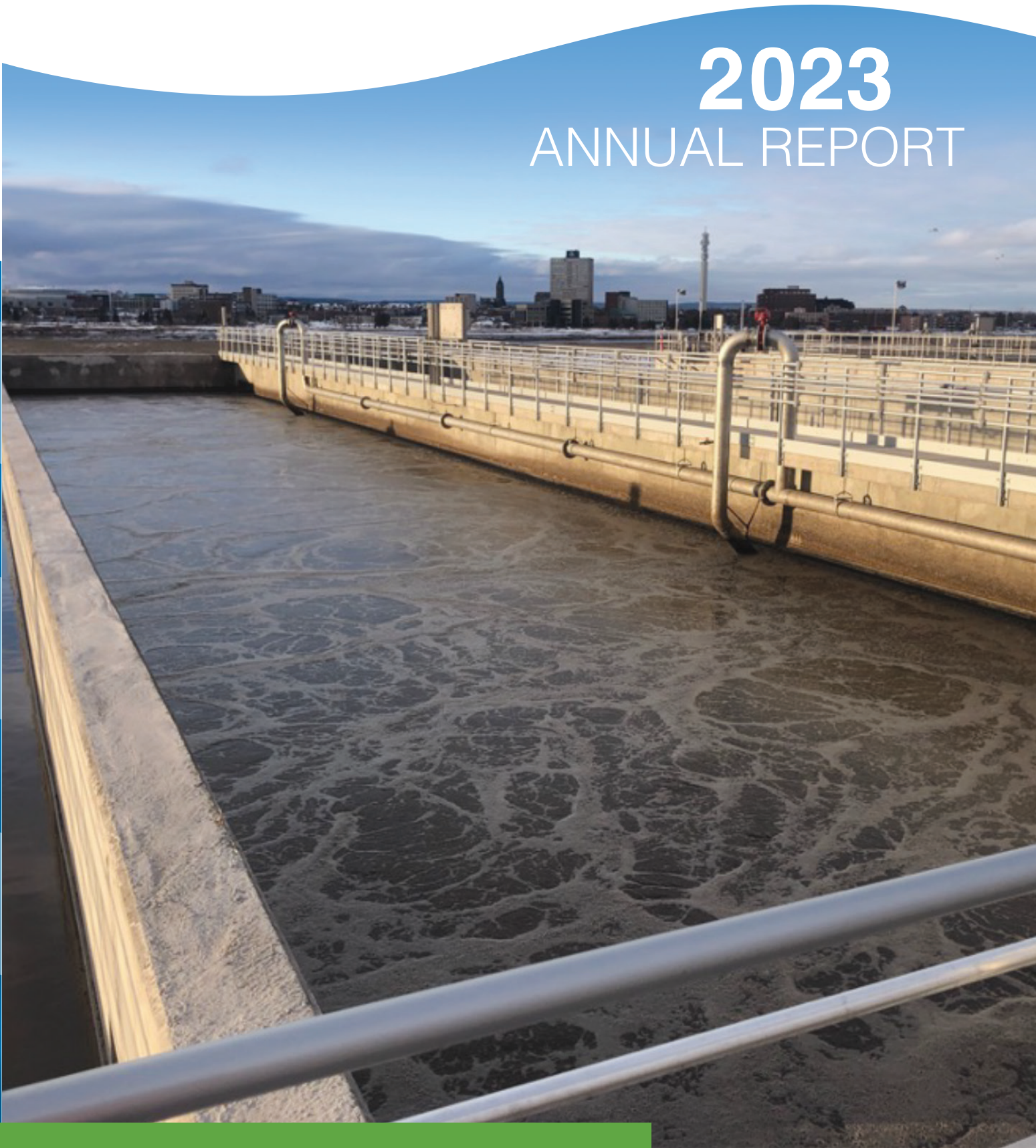


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2023
ANNUAL REPORT



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	INNOVATION	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 progress. 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 remarkable to reflect on the transformation that Greater Moncton has undergone in the last 40 years. Back then, wastewater was discharged directly into the Petitcodiac River without any treatment. It was a time when we turned our back to the river.

The journey over these four decades has been a significant one, and 2023 will be forever etched in our memory as the year the Greater Moncton Wastewater Commission (TransAqua) celebrated the official opening of its new wastewater treatment facility.

It is a source of great pride to TransAqua that the community seems to be reclaiming its river as a symbol of pride, hope, resilience, and beauty. The evidence is clear: thousands of people are enjoying the restored Petitcodiac every week; large buildings are coming up in Moncton, Dieppe and Riverview, all facing the river. TransAqua is proud to have been part of this massive transformation and will continue to work towards making the community healthier, prouder, and more connected to its natural surroundings.

Of course, the effectiveness of the wastewater treatment facility, combined with a significant growth in population in Greater Moncton, means that more biosolids are produced and need to be dealt with above ground. TransAqua has been hard at work addressing some of the challenges associated with larger volumes of biosolids. The organization remains confident in the effectiveness of its measures, especially those designed to minimize fugitive odours.

As TransAqua marked its 40th anniversary and continued improving its compost facility, the organization embraced additional operational priorities in 2023. The new strategic plan for the next four years revolves around governance, outreach, innovation, and sustainability.



Michel Desjardins
Chair



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

An accountability framework policy was adopted, and the organization actively participated in two public events related to its composting operation. In addition, TransAqua initiated testing for PFAS (forever chemicals) in effluent and compost. Among other notable achievements, a partnership with a consulting firm was established to develop a successful agricultural biosolid compost program, ensuring long-term sustainability for the agricultural community.

In closing, we extend our gratitude to everyone who contributed to advancing our vision and mission in the past year. This includes our dedicated staff, Board members, and, of course, our valued municipal partners.

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



Gerald Leclerc achieved the **Class 3 Wastewater Treatment certification**



Philip Chase achieved the **National Compost Operator certification**.



Justin Cormier achieved the **Class 1 and Class 2 Wastewater Collection and Class 2 Wastewater Treatment certifications**.



CBCL received the **ACE Pinnacle Award** for its work with TransAqua on the WWTF Upgrade and Modernization Project.

GOVERNANCE



COMMISSION MEMBERS

During the year, the Board also continued to strengthen its governance framework. It amended several policies including the Employee Guide and Policy Manual, Purchasing Policy, Biosolids Management Policy, and Public Meeting Procedural Policy. Furthermore, the Board adopted a new Accountability Framework Policy. The Commission approved the new Energy Management and Bypass Pumping Strategies while amending the Business Continuity Plan.

In 2023, the City of Dieppe appointed Mona-Lisa Lavallée to replace Commissioner Jean-Pierre Ouellette who had completed a term of 4 years. The Town of Riverview appointed Nicolas Cormier to replace Gerald Lundquist until the term expires in October 2024.

BRENDA DORE-KIDNEY
Representing Moncton
Current term to September 2024

- Secretary of the Commission Board
- Member of Executive Committee

NICOLAS CORMIER
Representing Riverview
Current term to October 2024

- Commission Member

JENNIFER DINGMAN, PhD
Representing Riverview
Current term to August 2025

- Treasurer of the Commission Board
- Member of Executive Committee
- 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

MONA-LISA LAVALLÉE
Representing Dieppe
Current term to September 2027

- Commission Member

VICTOR CORMIER
Representing Dieppe
Current term to September 2026

- 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 2023 for the following organizations: GMCC, Eco360, Fundy Biosphere Region, Nature Moncton, Sentinelles Petitcodiac Riverkeeper, Petitcodiac Watershed Alliance, Light-Up Riverview, NB Invasive Species Council, 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 2023.

In 2023, TransAqua's public information booth could be visited at a Moncton Wildcats game with Eco360, Coverdale Community Garden and the Fundy Biosphere Region's 3rd 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.



Congratulations to Anne McNeil from the City of Moncton and Gisele Rushton from the City of Moncton who are the winners of the 2023 Win your Water and Sewer Bill up to \$1000 contest!



TransAqua held an Open House at its Moncton Compost Facility in June 2023.



TransAqua held an Open House at its Wastewater Treatment Facility in August 2023.

COMPOSTING

The wastewater treatment facility went from producing 11,233 tonnes of biosolids in 2020 to 19,422 tonnes in 2023, a 72.9% increase! In 2023, TransAqua completed compost pad #4 expanding the capacity of the compost facility. Approximately 7,608 tonnes of approved compost were reintroduced into the tri-community and 270 tonnes were provided to the agricultural community in Kent County.

TransAqua's secondary biological treatment facility experienced two major incidents where illegal contaminants (oil, volatile organic compounds) disrupted the bioreactor destroying much of the bacteria. Removing impacted biomass led to creating an additional 2,000 tonnes of biosolids.

TransAqua has proactively taken several measures to minimize the risk of fugitive odours with the biggest impacts involving the cleaning of the air trench lines and employing new methods to improve securing the pile covers. TransAqua will begin adding liquid lime into the wastewater treatment process in January 2024 to reduce odours at the wastewater treatment facility including the biosolids.

TransAqua began testing for PFAS in the wastewater effluent and compost in 2023. All results are well below Environment and Climate Change Canada's proposed regulatory limits. Testing will continue in 2024 to create a robust baseline.

TransAqua's Five Rivers Compost Facility is at 80% capacity at the end of 2023. The Commission hosted a community introduction meeting in May to meet our new neighbours and outline who we are, what we do and how composting biosolids is beneficial to the environment. Staff worked diligently on resolving the community's concerns and reported monthly progress updates. Issues resolved include a nearby bridge inspection, increased road maintenance, East Brook full scan sampling including PFAS analysis. TransAqua constructed a public compost bin to provide free compost to the community.

In 2023, TransAqua entered a 5-year agreement with LP Consulting to promote TransAqua's compost in the agriculture sector, provide technical expertise on the use of TransAqua's compost, liaise with government and industry representatives including farmers to develop and build relationships to help TransAqua become a trusted and reliable industry partner.

PARTNERS / STAKEHOLDERS

Canada

New Brunswick

MONCTON

Dieppe

Riverview



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 70 untreated sewer outfalls from flowing into the Petitcodiac River. GMWC currently owns infrastructure with a value of approximately \$189.24 million with a net book value of \$126.81 million after depreciation at the end of 2023.

