

2022 Budget Notes

Toronto Water

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Description

Toronto Water manages one of the largest water, wastewater and stormwater systems in North America, 24 hours a day, seven days a week.

Toronto Water's services ensure that over 3.6 million residents and businesses in Toronto, and portions of York and Peel have access to safe drinking water, safely treated wastewater and stormwater management.

Why We Do It

Drinking water is delivered to people (residents, businesses, visitors and the Industrial, Commercial, Institutional sector in Toronto and York Region) in a safe and reliable manner to protect public health.

Wastewater is collected from people (residents, businesses and the Industrial, Commercial, Institutional sector in Toronto and Peel Region) and treated in a safe and environmentally sustainable way to protect public health.

Stormwater (rain and melted snow) is collected or diverted to help prevent the risk of property flooding, control erosion and improve water quality to protect public health and Toronto's waterways.

The City of Toronto aims to deliver these outcomes equitably, efficiently and with excellent customer service to help improve the lives of Torontonians and work to earn their trust and confidence.

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What Service We Provide

Water Treatment & Supply

Who We Serve: Water account holders and water consumers.

What We Deliver: Supply +435 billion litres annually of safe potable water. Continuous distribution of potable water through +6,100 km of watermains and City-owned water services.

How Much Resources (gross 2022 operating budget): \$197 million

Wastewater Collection & Treatment

Who We Serve: Wastewater account holders, wastewater producers, public & private landowners

What We Deliver: Return to Lake Ontario +400 billion litres annually of treated wastewater. Continuous conveyance of wastewater through +5,600 km of sewers.

How Much Resources (gross 2022 operating budget): \$231 million

Stormwater Management

Who We Serve: Public and private landowners

What We Deliver: Continuous conveyance of stormwater (rainwater and melted snow) through +4,900km of storm sewers.

How Much Resources (gross 2022 operating budget): \$44 million

Budget at a Glance

2022 OPERATING BUDGET

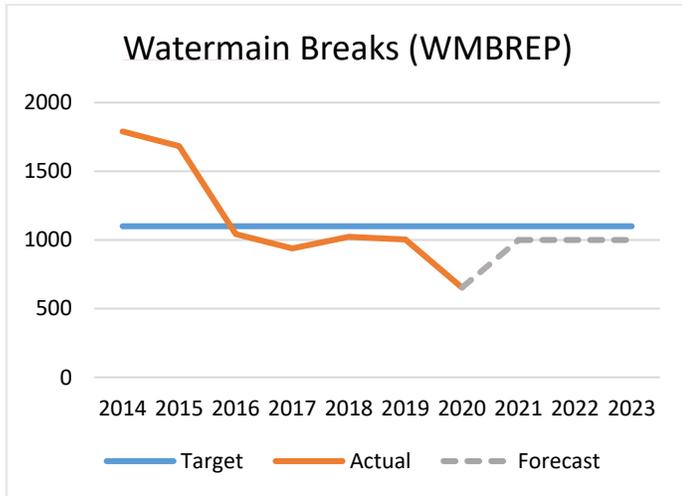
| \$Billion | 2022 | 2023 | 2024 |
|----------------------|---------|---------|---------|
| Revenues | \$1.447 | \$1.478 | \$1.522 |
| Gross Expenditures | \$0.471 | \$0.482 | \$0.491 |
| Capital Contribution | \$0.976 | \$0.996 | \$1.031 |
| Approved Positions | 1,883.3 | 1,891.3 | 1,892.3 |

2022 - 2031 10-YEAR CAPITAL PLAN

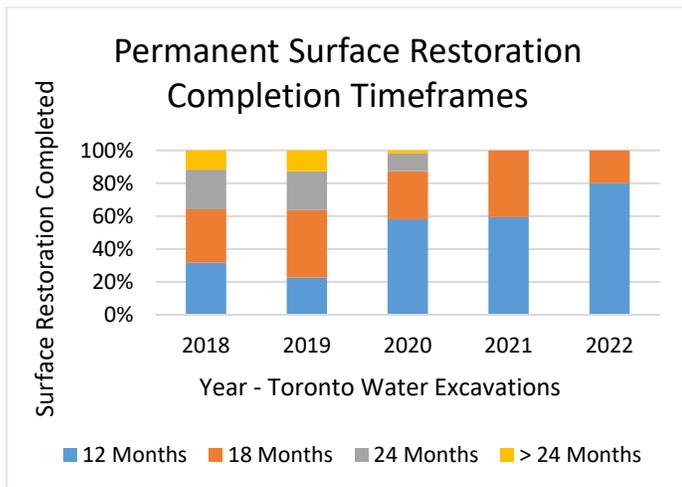
| \$Billion | 2022 | 2023-2031 | Total |
|--------------------|---------|-----------|----------|
| Gross Expenditures | \$1.409 | \$13.673 | \$15.082 |
| Debt | \$0.000 | \$0.000 | \$0.000 |

Note: Includes 2021 carry forward funding

How Well We Are Doing – Behind the Numbers



- Toronto Water currently operates over 5,500km of water distribution pipes that provide safe and reliable drinking water to the residents, businesses and visitors of Toronto and York Region.
- Toronto Water has made significant capital investments in infrastructure renewal projects (i.e. water main replacement, cathodic protection and structural lining) that have contributed to the gradual decline in watermain breaks.
- Inclement weather (extreme cold or temperature fluctuations) continues to be the leading cause of watermain breaks followed by excavation activities, corrosive soils and ground settling.
- Toronto Water is investing \$1.94 billion in the 2022-2031 Staff Recommended budget for capital improvements that will contribute towards ensuring an overall good condition of the local water distribution network.



- In July 2018, Toronto Water assumed responsibility for the permanent surface restoration program within the public right-of-way (ROW) (for sewer/water service repairs and upgrades and watermain/sewer breaks) previously managed by Transportation Services.
- Permanent restoration requires the replacement of asphalt and concrete where City construction has occurred.
- Each year, Toronto Water completes an average of 8,500 excavations within the ROW and approximately 5,000 of these locations require permanent surface restoration.
- The goal of the Toronto Water program is to minimize the time between excavation and permanent restoration. In 2020, and trending in 2021, 60% of permanent road restorations are now completed within 12 months. In 2022, the target is to increase this to 80% being completed within 12 months.

How Well We Are Doing (● 80% - 100%; ● 64 - 79%; ● 63% and under)

| Service | Measure | 2019 Actual | 2020 Actual | 2021 Target | 2021 Projection | *Status | 2022 Target | 2023 Target |
|--|---|----------------|----------------|--------------|-----------------|---------|--------------|--------------|
| Outcome Measures | | | | | | | | |
| Water Treatment & Supply | Watermain Breaks per 100 km of Water Distribution Pipe | 16.5 per 100km | 10.7 per 100km | 22 per 100km | 22 per 100km | ● | 22 per 100km | 22 per 100km |
| Water Treatment & Supply | Drinking Water Non-Compliance | 0 | 1 | 0 | 0 | ● | 0 | 0 |
| Water Treatment & Supply | Percent Time Operating Within 276 kPA to 793 kPA Requirements | 97.0% | 99.1% | 99.5% | 99.1% | ● | 99.5% | 99.5% |
| Wastewater Collection & Treatment | Non-Compliance Events (Wastewater Treatment) | 1 | 0 | 0 | 0 | ● | 0 | 0 |
| Wastewater Collection & Treatment | Mainline Backups per 100 KM of Pipe | 3.6 | 3.4 | 4.0 | 4.0 | ● | 4.0 | 4.0 |
| Stormwater Management | ML of Dedicated (designed) Stormwater Storage Capacity | 1,248 ML | 1,248 ML | 1,248 ML | 1,248 ML | ● | 1,248 ML | 1,248 ML |
| Service Level Measures | | | | | | | | |
| Water Treatment & Supply | Water Treatment Non-Compliance Events | 0 | 1 | 0 | 0 | ● | 0 | 0 |
| Water Treatment & Supply | Target Pressure Limits (Pressure Maintenance) | 97.0% | 99.1% | 99.5% | 99.1% | ● | 99.5% | 99.5% |
| Wastewater Collection & Treatment | Pumping Station Outages | 0 | 0 | 0 | 0 | ● | 0 | 0 |

| Service | Measure | 2019 Actual | 2020 Actual | 2021 Target | 2021 Projection | *Status | 2022 Target | 2023 Target |
|--|--|----------------|----------------|----------------|-----------------|---------|----------------|----------------|
| Wastewater Collection & Treatment | Wastewater Treatment Non-Compliance Events | 1 | 0 | 0 | 0 | ● | 0 | 0 |
| Stormwater Management | Number stormwater ponds inspected/maintained | 1,069 | 1,080 | 990 | 1,116 | ● | 990 | 1,080 |
| Other Measures | | | | | | | | |
| Water Treatment & Supply | Electrical kWh per ML of Water Pumped | 344 kWh per ML | 309 kWh per ML | 330 kWh per ML | 309 kWh per ML | ● | 330 kWh per ML | 330 kWh per ML |
| Wastewater Collection & Treatment | Percent Biosolids Beneficially Used (ABTB) | 100% | 100% | 100% | 100% | ● | 100% | 100% |
| Stormwater Management | Water Course Inlet/Outlet Inspections | 4,025 | 6,175 | 3,000 | 3,000 | ● | 3,000 | 3,000 |

COVID-19 IMPACT AND RECOVERY

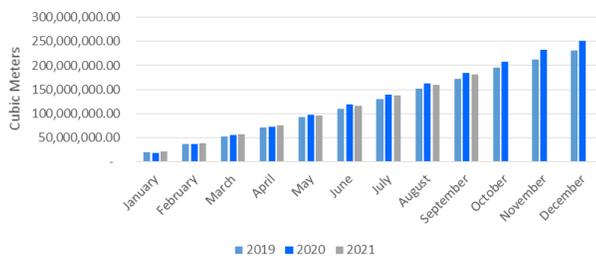
2022 Impact and Recovery

Operating Budget Impact

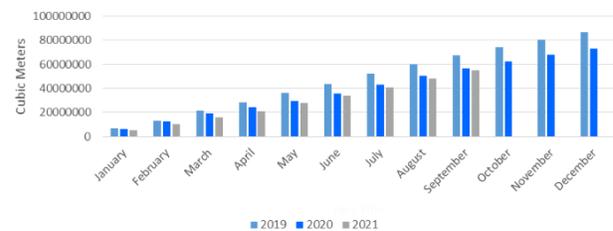
- A projected \$13.690 million loss in sale of water and private water agreements in 2021 due to lower consumption impacted by weather and stay at home orders and closures/slowdowns in Industrial, Commercial and Institutional sector (ICI). Year-end results can vary significantly due to the uncertainty of consumption levels impacted by weather, a change in consumer habits and/or a change in government orders for closures. The savings from hiring delays and other underspending will be used to offset COVID-19 related revenue losses. The loss in sale of water are not considered to be permanent losses and are not anticipated to continue in 2022.
- Continued costs for health and safety supplies and protocols are included in the 2022 Operating Budget

Estimated (not billed) Water Consumption Comparisons

Residential Consumption Comparison
(2021, 2020, 2019 Cumulative)



ICI Consumption Comparison
(2021, 2020, 2019 Cumulative)



Service Level Changes

- Toronto Water continues to provide safe drinking water; safe collection and treatment of wastewater; and, stormwater management during the global pandemic. There are no impacts to service levels as a result of COVID-19.

EXPERIENCES, CHALLENGES AND PRIORITIES

Our Experience and Success

- Long-term \$2.6 billion Don River and Central Waterfront projects now actively underway. Phase 1, the Coxwell Bypass Tunnel, at 10.5km long and 6.3m in diameter, will intercept combined sewer overflows and stormwater discharges from 23 sewer outfalls improving beach, river and lake water quality.
- Replaced/rehabilitated approximately 90km of watermains to help reduce watermain breaks and ensure customers have reliable safe drinking water.
- Invested \$16.181 million in upgrades to aging water reservoirs/water pumping stations to ensure safe, reliable storage and distribution of drinking water.
- Replaced/rehabilitated approximately 140km of aging sewers to address state-of-good-repair (SOGR) needs.
- Invested \$231.733 million in critical upgrades to the Ashbridges Bay Wastewater Treatment Plant the second largest treatment plant in Canada serving more than 1.5 million people.
- The Toronto Water Customer Care Centre (CCC) was initiated in 2017 resulting in \$0.747 million in savings due the reduction of 8 positions. From January 1, 2021 to October 1, 2021, there were approximately 194,220 interactions including: incoming/outbound calls, emails and outbound calls for COVID-19 pre-screening for customer service required for homes/businesses. The CCC allows for the management of a surge in call volumes including the ability to make outbound calls during complex and lengthy severe weather incidents or emergencies.
- Historical Asset Valuation: Toronto Water's core assets were valued at \$28 billion for water, wastewater and stormwater infrastructure based on historical cost of constructed assets inflated to estimate its replacement as well as appraisal valuations. Introduced in 2006, this approach was utilized in response to guidance from the Public Sector Account Board for tangible capital assets.
 - Regulation: In 2017, Province of Ontario enacted Ontario Regulation 588/17 Asset Management Planning (AMP) for Municipal Infrastructure to support improvements in municipal asset management:
 - The legislation aims to standardize how Ontario municipalities plan their infrastructure, share best practices and enable the collection of comparable data for long-term planning and budgeting. City of Toronto to complete asset management plans as of July 1, 2022 for the City's Core Infrastructure Assets (water, wastewater, stormwater, roads, bridges and culverts asset groups).
 - Updated Asset Valuation: The Toronto Water AMP has been completed and the updated replacement cost of Toronto Water's infrastructure is \$83 billion. The asset replacement valuation takes into consideration recent appraisal reports for facilities and average unit rates for pipe installation based on bid pricing. The replacement costs will continue to be evaluated as costs can vary significantly based on site constraints and conditions, project delivery approach, project bundling, market conditions and material price fluctuations.
 - Toronto City Council: The AMP will be at City Council on November 9, 2021 for final approval.

Key Challenges and Risks

- **Capital construction costs:** Staff have observed some increases in tender costs for certain work types. Explanations for cost escalations are speculative at this time (may be partly due to supply chain reliability and COVID-19). Current tenders are being closely monitored. In the event of high pricing, some projects may be deferred until prices are stable.
- **Adequate reserve balances to fund state-of-good-repair program:** Capital delivery programming that focuses on short and long-term forecasting and critical outcomes.
- **Investment in technology that puts customer service, security and efficiency first:** Resources and long-term planning are critical to ensure replacement and sustainment of outdated technology. For example, the Enterprise Work Management System (EWMS), the new 311 Enterprise Customer Relationship Management System (ECRM) and new Cyber Security Threat protection software and procedures.
- **Asset readiness/critical response processes:** Ensure operational resilience and minimize risk to assets during extreme weather occurrences.

Priority Actions

- **Customer Service:** Ensure efficient and effective response times for customer service demands including improved customer service culture, technology and infrastructure.
- **Workforce Strategies:** Ongoing development of hiring strategies during the hiring slow down period for critical, vulnerable and hard to fill positions including on-the-job training programs and planning for demographic changes.
- **State-of-Good-Repair:** Continued long-term investment in SOGR projects and reducing the backlog to \$359.0 million by 2031.
- **Growth:** Development of strategy to manage pressure on linear infrastructure in growth areas.
- **Resiliency:** Long-term significant investment in Council approved Wet Weather Flow Master Plan projects to protect the environment and lake, river and stream water quality including \$2.27 billion for the Basement Flooding Protection Program, completion of Environmental Assessments for all Basement Flooding Studies Areas by 2023 and investing \$1.32 billion over the 10-years to implement the Don River and Central Waterfront project, with all project phases forecasted for completion in 2038.
- **Modernization:** Planning for resources to implement, support and maintain new technologies including cybersecurity

RECOMMENDATIONS

The City Manager and Chief Financial Officer and Treasurer recommend that:

1. City Council approve the 2022 Operating Budget for Toronto Water of \$471.228 million gross, \$1,447.021 million revenue and \$975.793 million net for the following services:

Service:

| | Gross Expenditures (\$000s) | Revenue (\$000s) | Capital from Current Contribution (\$000s) |
|-----------------------------------|------------------------------------|-------------------------|---|
| Water Treatment & Supply | 196,749.6 | 632,947.6 | 436,198.0 |
| Wastewater Collection & Treatment | 230,918.1 | 803,249.1 | 572,331.0 |
| Stormwater Management | 43,560.4 | 10,824.2 | -32,736.2 |
| Total Program Budget | 471,228.1 | 1,447,020.9 | 975,792.8 |

2. City Council approve the 2022 staff complement for Toronto Water of 1,883.3 positions comprised of 130 capital position and 1,753.3 operating positions.
3. City Council approve 2022 Capital Budget for Toronto Water with cash flows and future year commitments totaling \$8,001.172 million as detailed by project in [Appendix 6a](#).
4. City Council approve the 2023-2031 Capital Plan for Toronto Water totalling \$7,081.173 million in project estimates as detailed by project in [Appendix 6b](#).
5. City Council request that all sub-projects with third party financing be approved conditionally, subject to the receipt of such financing in 2022 and if such funding is not forthcoming, their priority and funding be reassessed by City Council relative to other City-financed priorities and needs.

2022 OPERATING BUDGET

2022 OPERATING BUDGET OVERVIEW

Table 1: 2022 Operating Budget by Service

| (In \$000s) | 2020 Actual | 2021 Budget | 2021 Projection* | 2022 Budget | Change v. 2021 Projection | |
|---|--------------------|--------------------|--------------------|--------------------|---------------------------|-------------|
| By Service | \$ | \$ | \$ | \$ | \$ | % |
| Revenues | | | | | | |
| Water Treatment & Supply | 629,265.6 | 619,109.7 | 616,307.0 | 632,947.6 | 16,640.6 | 2.7% |
| Wastewater Collection & Treatment | 799,401.6 | 785,617.5 | 776,704.7 | 803,249.1 | 26,544.4 | 3.4% |
| Stormwater Management | 7,958.1 | 10,609.2 | 9,526.7 | 10,824.2 | 1,297.5 | 13.6% |
| Total Revenues | 1,436,625.4 | 1,415,336.3 | 1,402,538.4 | 1,447,020.9 | 44,482.5 | 3.2% |
| Expenditures | | | | | | |
| Water Treatment & Supply | 199,478.0 | 195,791.0 | 186,333.1 | 196,749.6 | 10,416.5 | 5.6% |
| Wastewater Collection & Treatment | 214,464.9 | 229,905.6 | 216,285.8 | 230,918.1 | 14,632.3 | 6.8% |
| Stormwater Management | 33,295.9 | 43,127.5 | 40,840.1 | 43,560.4 | 2,720.3 | 6.7% |
| Sub-Total - Gross Expenditures | 447,238.8 | 468,824.0 | 443,459.0 | 471,228.1 | 27,769.1 | 6.3% |
| Capital Contribution | 989,386.6 | 946,512.3 | 946,512.3 | 975,792.8 | 29,280.5 | 3.1% |
| Surplus (2021 Projection) | | | 12,567.1 | | (12,567.1) | (100.0%) |
| Sub-Total - Capital Contribution | 989,386.6 | 946,512.3 | 959,079.4 | 975,792.8 | 16,713.4 | 1.7% |
| Total Gross Expenditures | 1,436,625.4 | 1,415,336.3 | 1,402,538.4 | 1,447,020.9 | 44,482.5 | 3.2% |
| Approved Positions** | 1,841.3 | 1,841.3 | N/A | 1,883.3 | N/A | N/A |

*2021 Projection based on Q2 Variance Report

**YoY comparison based on approved positions

Table 1 above details the 2022 recommended Operating Budget of \$471.228 million in gross expenditures and \$975.793 million in capital contributions and provides a comparison to 2021 projected year-end actuals. Given the financial impacts of COVID-19 on 2021 actuals, a further comparison of the 2022 Base Budget to the 2021 Council approved Budget is provided below:

- 2022 Base Expenditure Budget of \$471.228 million reflects a \$2.404 million net increase from the 2021 Council approved Budget.
- 2022 Base Revenue Budget of \$1,447.021 million reflects a \$31.685 million net increase from the 2021 Council approved Budget.

COSTS TO MAINTAIN EXISTING SERVICES

Total 2022 Base Budget expenditures of \$471.228 million gross reflect an increase of \$27.769 million in spending above 2021 projected year-end actuals, predominantly arising from:

- Salaries and benefits increases due to cost of living adjustments and filled vacancies in 2022 as Toronto Water continues to implement its hiring strategy that had been in place prior to COVID-19 hiring slow down.
- Slow-down in spending related to production costs, including hydro impacted by lower consumption of water sold in 2021 is not anticipated to continue in 2022, resulting in higher costs more reflective of pre-pandemic levels.
- Inflationary increases for utilities, chemicals and contract services.
- Operating costs for salaries and benefits from completed capital projects, including 32 positions to operate new facilities and infrastructure, and deliver capital projects.
- Annualised costs from the transfer of the Utility Cut Program from Transportation Services, requiring the addition of 8 positions to sustain the program's success and continue the improved service levels.

- Above pressures are partially offset by base expenditure savings arising from a line by line review, other operational efficiency savings, and higher revenues from sale of water to Region of York, new water service connections, and other revenue.

The 2022 Operating Budget recommends a 3 per cent rate increase. Approximately 67 per cent of Toronto Water's 2022 Operating Budget or 3 per cent above the 2021 approved capital contribution (prior to the 2021 projected surplus) will go towards the annual capital reserve contribution to fund the 10 year Capital Plan.

EQUITY IMPACTS OF BUDGET CHANGES

No significant equity impacts: The changes in Toronto Water's 2022 Operating Budget do not have any significant equity impacts.

2022 OPERATING BUDGET KEY DRIVERS

The 2022 Operating Base Budget for Toronto Water is \$471.228 million gross or 6.3% higher than the 2021 Projected Actuals. Table 2 below summarizes the key cost drivers for the base budget.

Table 2: 2022 Operating Budget by Revenue / Expenditure Category

| Category (In \$000s) | 2019 | 2020 | 2021 | 2021 | 2022 | 2022 Change from 2021 | |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|-------------|
| | Actual | Actual | Budget | Projection* | Budget | \$ | % |
| | \$ | \$ | \$ | \$ | \$ | \$ | % |
| Sale of Water and Other Revenues | 1,263,595.9 | 1,349,418.9 | 1,336,943.1 | 1,320,726.9 | 1,368,825.9 | 48,099.0 | 3.6% |
| User Fees | 70,696.6 | 70,623.8 | 61,899.9 | 65,404.6 | 63,075.2 | (2,329.3) | (3.6%) |
| Transfers From Capital | 7,296.6 | 9,084.5 | 9,364.3 | 9,278.0 | 10,432.2 | 1,154.3 | 12.4% |
| Contribution From Reserves/Reserve Funds | 4,278.6 | 7,182.0 | 6,814.3 | 6,814.3 | 4,351.0 | (2,463.3) | (36.1%) |
| Inter-Divisional Recoveries | 133.8 | 316.3 | 314.7 | 314.7 | 336.5 | 21.8 | 6.9% |
| Total Revenues | 1,346,001.5 | 1,436,625.4 | 1,415,336.3 | 1,402,538.4 | 1,447,020.9 | 44,482.5 | 3.2% |
| Salaries and Benefits | 176,938.9 | 180,819.3 | 187,541.6 | 180,341.6 | 190,819.7 | 10,478.1 | 5.8% |
| Materials & Supplies | 94,819.6 | 96,504.4 | 106,902.2 | 96,699.9 | 105,281.9 | 8,582.0 | 8.9% |
| Equipment | 3,151.7 | 2,199.2 | 2,835.3 | 2,184.2 | 2,687.5 | 503.3 | 23.0% |
| Service and Rent | 66,552.4 | 66,747.4 | 75,474.6 | 69,340.8 | 75,197.4 | 5,856.7 | 8.4% |
| Contribution To Reserves/Reserve Funds | 10,674.8 | 10,706.3 | 10,690.2 | 10,690.2 | 12,397.8 | 1,707.6 | 16.0% |
| Other Expenditures | 15,753.8 | 24,917.7 | 16,816.0 | 17,687.6 | 18,179.3 | 491.7 | 2.8% |
| Inter-Divisional Charges | 66,389.4 | 65,344.6 | 68,564.1 | 66,514.7 | 66,664.4 | 149.8 | 0.2% |
| Total Gross Expenditures | 434,280.6 | 447,238.8 | 468,824.0 | 443,459.0 | 471,228.1 | 27,769.1 | 6.3% |
| Capital Contribution | 911,720.9 | 989,386.6 | 946,512.3 | 946,512.3 | 975,792.8 | 29,280.5 | 3.1% |
| Surplus (2021 Projection) | | | | 12,567.1 | | (12,567.1) | (100.0%) |
| Capital Contribution | 911,720.9 | 989,386.6 | 946,512.3 | 959,079.4 | 975,792.8 | 16,713.4 | 1.7% |

*2021 Projection based on Q2 Variance Report

Key Base Drivers:

Salaries and Benefits: Include increases due to cost of living adjustments and anticipated positions to be filled. In addition, the increase include 16 positions to operate new facilities and infrastructure, 16 positions to deliver capital projects, 8 positions linked to the transfer of the Utility Cut Program from Transportation Services, and 4 positions to support the increasing volume and complexity of development applications, wholly funded by development application review fees. Above increases are partially offset by a reduction of 2 dedicated transit positions linked to decreasing work volume on the Eglinton Crosstown, funded by third party revenue.

Materials and Supplies: Include natural gas and chemical inflationary increases higher than Consumer Price Index (CPI) and CPI increases on existing material contracts, partially offset by ongoing hydro efficiencies. The 2022 budget also include provisions for contingencies and estimates based on fluctuating weather conditions.

Services and Rents: Include CPI inflationary increases on existing service contracts. The 2022 budget also include provisions for contingencies and estimates based on fluctuating weather conditions.

Contributions to Reserves: Include increases in contribution to insurance reserves to better align with a full cost recovery model.

Contribution to Capital: Approximately 67 per cent of the 2022 Operating Budget will go towards the capital reserve contribution to fund the 10-year Capital Plan, representing a 3 per cent increase over 2021 projected capital reserve contribution (prior to the 2021 projected surplus).

Revenue Changes: Include rate increase of 3 per cent on sale of water that will go towards the annual capital reserve contribution. Water consumption and other revenues from private water agreements are expected to rebound as restrictions ease and non-essential businesses return to operations. Above increases are partially offset by a reduction in contributions from reserves linked to Utility Cut Backlog delivered by Transportation Services to match projected interdivisional charges from Transportation Services.

Offsets and Efficiencies:

The 2022 Operating Budget includes \$5.599 million in gross expenditure and \$6.689 million in net expenditures reductions attributed to:

Line-by-Line: A reduction in base expenditures in materials and supplies and other non-salary costs contributes to Toronto Water's efforts to manage continuous cost increases from internal and external sources.

Efficiencies: Ongoing hydro savings and efficiencies that Toronto Water has been able to achieve through implementation of various utility conservation oriented initiatives. These initiatives contribute to climate resiliency and reduced Greenhouse Gas emissions. Toronto Water has also utilized technology to improve on efficiency in contract administration and estimates, contributing to savings in contracted service costs

Revenue Increase: Various user fee revenue increased to align to projected actual volume and inflationary rate increases.

Note:

For additional information on 2022 key cost drivers refer to [Appendix 2](#) for a summary of balancing actions.

2023 & 2024 OUTLOOKS

Table 3: 2023 and 2024 Outlooks

| (\$000s) | 2021 Projection | 2022 Budget | 2023 Outlook | 2024 Outlook |
|-----------------------------------|--------------------|------------------|------------------|--------------------|
| Revenues | 1,402,538.4 | 1,447,020.9 | 1,477,956.0 | 1,522,104.4 |
| Gross Expenditures | 443,459.0 | 471,228.1 | 481,900.3 | 490,740.3 |
| Capital Contribution | 946,512.3 | 975,792.8 | 996,055.7 | 1,031,364.0 |
| Surplus (2021 Projection) | 12,567.1 | | | |
| Total Capital Contribution | 959,079.4 | 975,792.8 | 996,055.7 | 1,031,364.0 |
| Approved Positions | N/A | 1,883.3 | 1,891.3 | 1,892.3 |

Key drivers

The 2023 Outlook with total gross expenditures of \$481.900 million reflects an anticipated \$10.672 million or 2.3 per cent increase in gross expenditures above the 2022 Operating Budget. The 2024 Outlook expects a further increase of \$8.840 million or 1.8 per cent above 2023 gross expenditures.

These changes arise from the following:

- Inflationary increases for salaries and benefits and annualized impact of 2022 added positions.
- Anticipated inflationary increases for utilities, chemicals, other materials and supplies, contracted services, contributions to Toronto and Region Conservation Authority and payment in lieu of taxes.
- Operating impacts of completed capital projects, including an anticipated 8 **(2023)** and 1 **(2024)** additional positions required to operate new facilities and infrastructure and deliver capital projects.

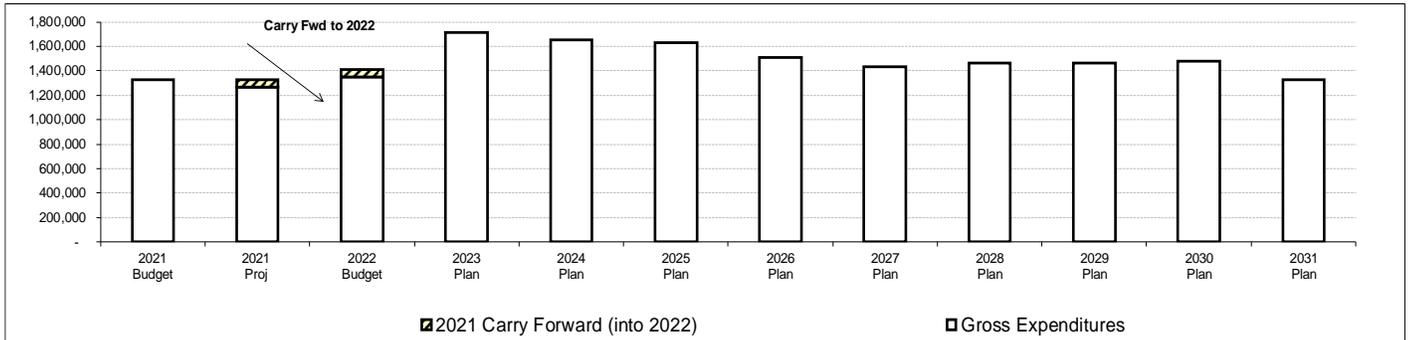
Revenues are expected to increase as a result of an anticipated 3 per cent water rate increase in 2023 and a further 3 per cent increase in 2024.

**2022 – 2031
CAPITAL BUDGET AND PLAN**

2022 – 2031 CAPITAL BUDGET & PLAN OVERVIEW

Chart 1: 10-Year Capital Plan Overview (\$000)

10-Year Capital Plan Overview



| In \$000's | 2021 | | 2022 Capital Budget and 2023 - 2031 Capital Plan | | | | | | | | | | Total 10 Year Plan |
|--|--|------------------|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------|
| | Budget | Projected Actual | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | |
| | Gross Expenditures by Project Category: | | | | | | | | | | | | |
| Health & Safety & Legislated | 200,579 | 181,961 | 173,167 | 145,838 | 120,929 | 113,521 | 69,523 | 51,861 | 59,297 | 79,270 | 76,096 | 49,296 | 938,798 |
| SOGR | 676,439 | 626,714 | 676,181 | 848,027 | 776,890 | 810,941 | 797,414 | 739,347 | 733,757 | 678,844 | 609,074 | 586,204 | 7,256,679 |
| Service Improvement & Growth | 453,620 | 413,621 | 559,316 | 718,934 | 752,710 | 708,718 | 641,125 | 644,715 | 673,336 | 701,642 | 793,572 | 692,800 | 6,886,868 |
| Total by Project Category | 1,330,638 | 1,222,296 | 1,408,664 | 1,712,799 | 1,650,529 | 1,633,180 | 1,508,062 | 1,435,923 | 1,466,390 | 1,459,756 | 1,478,742 | 1,328,300 | 15,082,345 |
| Financing: | | | | | | | | | | | | | |
| Reserves/Reserve Funds | 1,217,480 | - | 1,266,977 | 1,579,461 | 1,515,717 | 1,501,305 | 1,388,215 | 1,323,341 | 1,343,617 | 1,363,118 | 1,379,995 | 1,240,779 | 13,902,525 |
| Development Charges | 102,237 | - | 124,471 | 95,166 | 88,244 | 98,995 | 104,219 | 104,496 | 112,345 | 90,033 | 92,483 | 81,346 | 991,798 |
| Region of York & Other Revenue | 5,595 | - | 2,598 | 14,878 | 13,067 | 8,709 | 7,371 | 8,086 | 8,570 | 6,605 | 6,264 | 6,175 | 82,323 |
| Disaster Mitigation & Adaption Fund (DMAF) | 5,326 | - | 14,618 | 23,294 | 33,501 | 24,171 | 8,257 | - | 1,858 | - | - | - | 105,699 |
| Total Financing | 1,330,638 | - | 1,408,664 | 1,712,799 | 1,650,529 | 1,633,180 | 1,508,062 | 1,435,923 | 1,466,390 | 1,459,756 | 1,478,742 | 1,328,300 | 15,082,345 |

*2021 Projection based on Q2 Variance Report.

Changes to Existing Projects

- The 2022-2031 Capital Budget and Plan reflects an increase of \$310.579 million as compared to the 2021-2030 Capital Budget and Plan. Key Changes include:
- Increased funding of \$349.307 million to support linear infrastructure renewal and upgrades.
- Increased funding of \$75.789 million to support the implementation of the Basement Flooding Protection Program.
- Readjusted funding for ten-year plan - 2022 revision of \$280.276 million for the Wet Weather Flow program, based on revised project schedules and priorities.
- Increased funding of \$172.542 million to support the infrastructure at the Wastewater Treatment Plants.

New Projects

- The 2022-2031 Capital Budget and Plan does not include new programs. Some of the key investments are as follows:
- \$7.257 billion for SOGR projects to ensure the replacement or rehabilitation of aging water mains and sewers and investment in the aging water and wastewater facilities.
- \$5.156 billion for Service Improvement projects including \$2.270 billion in Basement Flooding Protection projects, and \$1.323 billion to support the Don River and Central Waterfront project.
- \$0.939 billion for Legislative and Health & Safety projects
- \$1.731 billion for Growth Projects.

Capital Needs Constraints

- Toronto Water does not have any unmet needs over the 10-year planning horizon.

Note:

For additional information, refer to [Appendix 6](#) for a more detailed listing of the 2022 and 2023-2031 Capital Budget & Plan by project; [Appendix 7](#) for Reporting on Major Capital Projects – Status Update; and [Appendix 8](#) for Capital Needs Constraints, respectively

2022 – 2031 CAPITAL BUDGET AND PLAN**\$15.1 Billion 10-Year Gross Capital Program**

| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| Plant & Facilities | Underground Infrastructure | Stormwater Management | Basement Flooding Protection Program | Engineering, Yard & Network Improvements |
| \$4.315B 29% | \$5.710B 38% | \$1.828B 12% | \$2.270B 15% | \$0.959B 6% |
| Water Filtration Plants; Wastewater Treatment Plants; Pumping Stations; and Storage & Reservoirs <input checked="" type="checkbox"/> | Watermain and Sewer Replacement/Rehabilitation; Water Service Replacement; and New Connections <input checked="" type="checkbox"/> | Wet Weather Flow Projects (end of pipe, infrastructure erosion protection); Don River & Central Waterfront <input checked="" type="checkbox"/> | Engineering Studies; Implementation Basement Flooding Protection; Subsidy Program <input checked="" type="checkbox"/> | Engineering Support; Business & Technology; Yards & buildings; Water Efficiency & Metering <input checked="" type="checkbox"/> |

- Project supports Climate Resiliency and / or Greenhouse Gas (GHG) Reduction*

*Information above includes full project / sub-project 2022-2031 Budget and Plan cash flows. Does not break out the climate component costs separately

How the Capital Program is Funded

| City of Toronto | | Provincial Funding | Federal Funding | |
|-------------------------------------|--------------|----------------------------|---|-----------|
| \$ 14,976.6M 99.3% | | \$0.0M 0% | \$ 105.7M 0.7% | |
| Reserve Draws | \$ 13,902.5M | | Disaster Mitigation and Adaptation Fund | \$ 105.7M |
| Development Charges | \$991.8M | | | |
| Region of York and Other* | \$ 82.3M | | | |

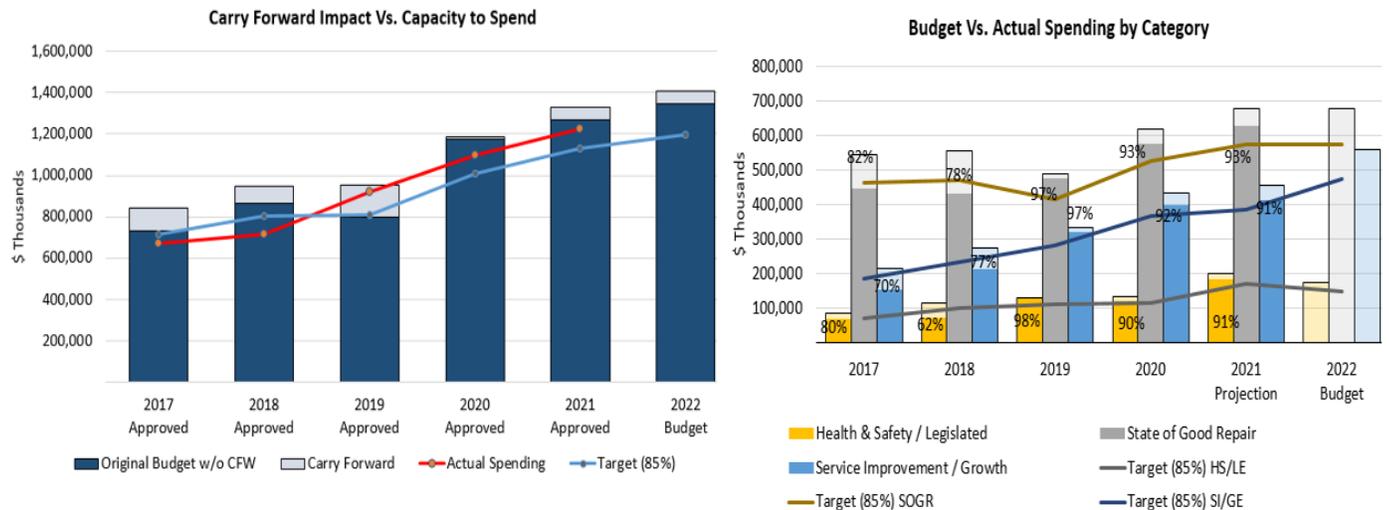
* Toronto Water's 10-Year Capital Plan includes forecasted funding of \$80 million for the expected Toronto Region & Conservation Authority (TRCA) Watercourse Erosion Control project, to be spent between 2023 and 2031. It is assumed that approximately 67% (\$53 million) will be funded by other orders of government. The funding has yet to be secured.

CAPACITY TO SPEND REVIEW

The 10-Year Capital Plan has been developed with consideration of historical demonstrated ability to spend within any given year of the ten year capital plan. A review was undertaken to ensure budgets align with Toronto Water's ability to spend and the market's capacity to deliver.

A key component in determining an appropriate level of annual cash flows includes historical capacity to spend reviews by project categories (Chart 2 below) as well as the level of projected 2021 underspending that will be carried forward into 2022 to complete capital work.

Chart 2 – Capacity to Spend



Capacity to Spend Review Impact on the 10-Year Plan

The 2022-2031 Capital Budget and Plan represents Toronto Water's largest investment in infrastructure renewal totalling \$15.082 billion over 10 years. The 2022 Capital Budget of \$1.409 billion (including carry forward funding of \$62.202 million) is higher than the historic 5-year average budget.

Toronto Water's actual spending over the previous five years, from 2016 to 2020, has averaged \$816 million per year, with capital spending exceeding \$1.096 billion in 2020. In 2021, Toronto Water is forecasting to spend \$1.222 billion or 91.9 per cent of the Approved 2021 Capital Budget.

In recent years, Toronto Water has awarded a series of large scale multi-year projects, with approximately \$2.3 billion committed for already awarded works (as of October 2021). In addition to regularly scheduled annual construction programs, the 2022 cashflow will support the continued delivery of on-going multi-year contracts. Additionally, in the remainder of 2021 or in 2022 Toronto Water will be issuing an additional approximately \$723 million in works supporting the following 6 large projects:

- Ashbridges Bay Wastewater Treatment Plant (ABTP) D Building and Polymer Upgrade construction projects (\$60 million and \$112 million respectively);
- Fairbanks Silverthorn Tunnel Local Sewers Contracts 3 and 4 (\$142 million);
- Highland Creek Wastewater Treatment Plant (HCTP) Firm Capacity and Fluidized Bed Incineration construction projects (\$230 million and \$118 million respectively);
- Clark Water Treatment Plant Stand-by Power (\$62 million).

The 2022 Capital Budget of \$1.409 billion supports the delivery of current on-going large scale multi-year projects, as well as new projects forecasted for award in 2022.

Based on the review of historical capital spending constraints and a capacity to spend review, \$245.703 million in capital spending originally cash flowed in 2022 has been adjusted to reflect updated cost estimates and to align with current delivery forecasts, including deferrals to 2023 and future years. Key adjustments to the Capital Plan are noted below:

- The *Ashbridges Bay Wastewater Treatment Plant* 2022 cashflow has been reduced by \$57.118 million to reflect updated project cost estimates and delivery schedules for several projects including the Polymer Upgrade, Waste Activated Sludge Upgrade Construction, Heating and Air Systems and Integrated Pumping Station Construction projects.
- The *Watermain Replacement* 2022 cashflow has been reduced by \$19.837 million to reflect updated project costs, delivery timelines and project completions.
- The *Sewer Replacement* 2022 cashflow has been reduced by \$17.168 million to reflect updated project costs, scope and delivery timelines.
- The *Basement Flooding Protection Program* 2022 cashflow has been reduced by \$37.309 million to reflect updated project delivery schedules. Although the 2022 cashflow has been reduced, the overall 10-year Basement Flooding Protection Program will increase by \$75.789 million (2022-2031). Realignments occurred as a result of a project by project review to identify individual project readiness to tender in 2022 and 2023, as well as updated delivery timelines for on-going works.
- The *Trunk Sewers Program* 2022 cashflow has been reduced by \$36.310 million to reflect updated to reflect updated project costs, scope, project completions and to incorporate updated delivery schedules.

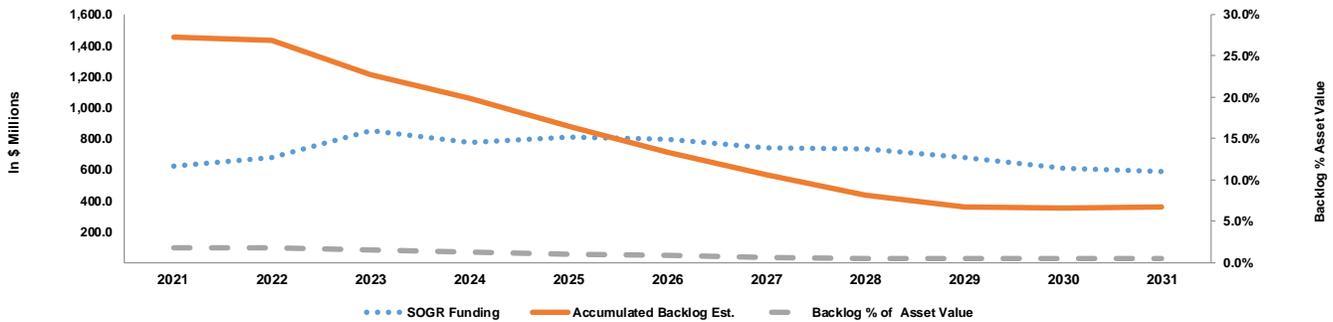
The 2022 Financial Model assumes that 85 per cent of the net Capital Budget and Plan will be drawn from Toronto Water's Capital Reserve and Water, Sanitary and Stormwater Management Development Charge Reserves based on historical capital completion levels, so as not to overstate actual projected funding requirements.

STATE OF GOOD REPAIR (SOGR) FUNDING & BACKLOG

The chart below depicts the SOGR funding and accumulated backlog estimates for key asset classes in Toronto Water: linear infrastructure and facilities.

Chart 3: Total SOGR Funding & Backlog

State of Good Repair (SOGR) Funding & Backlog



| \$ Millions | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SOGR Funding | 623.3 | 676.2 | 848.0 | 776.9 | 810.9 | 797.4 | 739.3 | 733.8 | 678.8 | 609.1 | 586.2 |
| Accumulated Backlog Est. | 1,456.3 | 1,433.6 | 1,212.3 | 1,059.1 | 875.3 | 710.8 | 563.4 | 434.6 | 360.2 | 354.1 | 359.0 |
| Backlog % of Asset Value | 1.8% | 1.7% | 1.5% | 1.3% | 1.0% | 0.8% | 0.7% | 0.5% | 0.4% | 0.4% | 0.4% |
| Total Asset Value | 83,167.1 | 83,314.2 | 83,513.0 | 84,342.9 | 85,206.6 | 85,968.1 | 86,472.8 | 86,811.1 | 87,141.2 | 87,445.7 | 88,186.2 |

* 2021 SOGR funding is based on recent estimates

- Toronto Water’s infrastructure is aging with an accumulated SOGR backlog estimated at \$1.456 billion by the end of 2021, which includes both linear (watermains and sewers) and facility/plant infrastructure (water treatment plants, wastewater treatment plants, pumping stations). This represents 1.8 per cent of the total replacement value of Toronto Water’s assets, which at the end of 2021 are estimated to be \$83.167 billion.
- The 2022-2031 Budget and Capital Plan allocates a total of \$7.257 billion over 10 years, including \$676.181 million in 2022 (or 48.0 per cent of the 2022 Capital Budget) to address the renewal needs of Toronto Water’s aging infrastructure. This significant investment into Toronto Water infrastructure will ensure continued and reliable service to residents, businesses and visitors, reducing the SOGR backlog to \$359.0 million in 2031, reducing the backlog to less than 0.5 percent of Toronto Water’s overall asset value.
- Approximately 56.5 per cent or \$823.035 million of Toronto Water’s infrastructure backlog is associated with aging linear watermain and sewer infrastructure. The 2022-2031 Budget and Capital Plan allocates a total of \$4.677 billion to address deteriorated linear infrastructure.
- Approximately 43.5 per cent or \$633.217 million of Toronto Water’s infrastructure backlog is associated with the facilities backlog. The 2022-2031 Capital Budget and Plan allocates a further \$2.580 billion for infrastructure renewal projects at water and wastewater treatment facilities. SOGR works at the water and wastewater facilities may include renewal of existing buildings, and process equipment and machinery, etc.

Stormwater management facilities (stormwater ponds and underground storage tanks) are not included in the SOGR backlog analysis as they are relatively new assets, as well as stream restoration from erosion. Restoration of watercourses is planned on a priority basis to protect existing infrastructure and in coordination with the Toronto Region Conservation Authority based on site conditions resulting from extreme weather events.

OPERATING IMPACT OF COMPLETED CAPITAL PROJECTS

The 10-Year Capital Plan will impact future year Operating Budgets by \$8.923 million net over the 2022-2031 period and an increase of 28 positions for planned completion of new equipment and facilities.

Table 4: Net Operating Impact Summary
(In \$000's)

| Projects | 2022 Budget | | 2023 Plan | | 2024 Plan | | 2025 Plan | | 2026 Plan | | 2022-2026 | | 2022-2031 | |
|--|----------------|-------------|----------------|-------------|----------------|------------|----------------|-----------|--------------|-----------|----------------|-------------|----------------|-------------|
| | \$000s | Positions | \$000s | Positions | \$000s | Positions | \$000s | Positions | \$000s | Positions | \$000s | Positions | \$000s | Positions |
| Previously Approved | | | | | | | | | | | | | | |
| D BUILDING PHASE 2 | | | | | 350.0 | | | | | | 350.0 | | 350.0 | |
| DISINFECTION SYSTEM CONSTRUCTION | | | 789.1 | 2.0 | 218.4 | | | | | | 1,007.5 | 2.0 | 1,007.5 | 2.0 |
| INTEGRATED PUMPING STATION (IPS) - CONSTRUCTION | 17.8 | 0.3 | 13.3 | | | | | | | | 31.1 | 0.3 | 1,731.1 | 0.3 |
| AERATION TANK 12 & 13 | 17.8 | 0.3 | 13.3 | | | | | | | | 31.1 | 0.3 | 31.1 | 0.3 |
| WASTE ACTIVATED SLUDGE UPGRADE - CONSTRUCTION | | | (620.0) | | | | 1,500.0 | | | | 880.0 | | 880.0 | |
| NTPP - PROCESS IMPROVEMENTS | | | 618.7 | 1.0 | 42.3 | | | | | | 661.0 | 1.0 | 661.0 | 1.0 |
| CHEMICAL & RESIDUALS MANAGEMENT CONST | | | | | 32.5 | 0.5 | 80.0 | | | | 112.5 | 0.5 | 112.5 | 0.5 |
| PLANTWIDE HVAC UPGRADES | | | | | (50.0) | | | | | | (50.0) | | (50.0) | |
| ISLAND PHOTOVOLTAIC SYSTEM | | | | | | | (242.0) | | | | (242.0) | | (242.0) | |
| HVAC REHAB CONSTRUCTION | | | | | (150.0) | | | | | | (150.0) | | (150.0) | |
| STANDBY POWER - PHASE 2 - ENG | | | | | | | | | 82.0 | | 82.0 | | 232.0 | |
| STANDBY POWER - PHASE 2 - CONSTRUCTION | | | | | | | (1.0) | | (2.0) | | (3.0) | | (16.0) | |
| SOURCE WATER PROTECTION - LAKE ONTARIO COLLABORATIVE | | | | | 94.3 | | 194.0 | | | | 288.3 | | 388.3 | |
| PUMPING STATION REHAB - PHASE 2 - CONSTRUCTION | (51.4) | | | | | | | | | | (51.4) | | (51.4) | |
| WATER SUSTAINABILITY PROGRAM (STANDBY POWER - ELLESMERE) | (28.0) | | | | | | | | | | (28.0) | | (28.0) | |
| STANDBY POWER - ROSEHILL | (1.0) | | | | | | | | | | (1.0) | | (1.0) | |
| BASEMENT FLOODING RELIEF - GROUP 2 | | | 100.0 | | | | | | | | 100.0 | | 100.0 | |
| SEWER REHABILITATION - CWD | 113.8 | 2.0 | 168.1 | 1.0 | 53.3 | | | | | | 335.3 | 3.0 | 335.3 | 3.0 |
| WATERMAIN ASSET PLANNING | 272.6 | 4.0 | 409.6 | 2.0 | 107.5 | | | | | | 789.8 | 6.0 | 789.8 | 6.0 |
| TRUNK SEWER REHABILITATION - 2019 | 71.3 | 1.0 | 105.4 | 1.0 | 53.3 | | | | | | 230.0 | 2.0 | 230.0 | 2.0 |
| SCADA UPGRADES FOR WWT | 272.2 | 4.0 | 477.1 | 4.0 | 219.4 | | | | | | 968.7 | 8.0 | 968.7 | 8.0 |
| PCS UPGRADES 2017 | 216.7 | 3.0 | 160.5 | | | | | | | | 377.2 | 3.0 | 377.2 | 3.0 |
| Enterprise Systems Integration | 81.8 | 1.0 | 58.4 | | | | | | | | 140.2 | 1.0 | 140.2 | 1.0 |
| FACILITY RENOVATION | | | | | 72.0 | | | | | | 72.0 | | 72.0 | |
| Sub-Total: Previously Approved | 983.7 | 15.5 | 2,293.5 | 11.0 | 1,043.1 | 0.5 | 1,531.0 | | 80.0 | | 5,931.4 | 27.0 | 7,868.4 | 27.0 |
| New Projects - Future Years | | | | | | | | | | | | | | |
| UV DISINFECTION - CONSTRUCTION | | | | | 32.5 | 0.5 | 645.0 | | 215.0 | | 892.5 | 0.5 | 892.5 | 0.5 |
| LARGE DIAMETER CSP RENEWAL | | | | | | | 100.0 | | | | 100.0 | | 100.0 | |
| DCW - HRT | 17.8 | 0.3 | 13.3 | | | | | | | | 31.1 | 0.3 | 31.1 | 0.3 |
| Don & Waterfront Trunk/CSO Construction - PHASE 2 | 17.8 | 0.3 | 13.3 | | | | | | | | 31.1 | 0.3 | 31.1 | 0.3 |
| Sub-Total: New Projects - Future Years | 35.7 | 0.5 | 26.6 | | 32.5 | 0.5 | 745.0 | | 215.0 | | 1,054.8 | 1.0 | 1,054.8 | 1.0 |
| Total (Net) | 1,019.4 | 16.0 | 2,320.1 | 11.0 | 1,075.6 | 1.0 | 2,276.0 | | 295.0 | | 6,986.2 | 28.0 | 8,923.2 | 28.0 |

Previously Approved projects

- Increase in operating costs for salaries, benefits, chemicals, energy, utilities and contracted services from previously approved projects at Ashbridges Bay and North Toronto Wastewater Treatment plants and Toronto Island Treatment Plant, including work arising from, Supervisory control and data acquisition (SCADA) and Process Control System upgrades, Watermain Asset Planning and Sewer Rehabilitation. In 2023, upgrades at the Ashbridges Bay Treatment Plant (waste activated sludge) will generate savings of \$0.620 million.

New projects – Future Years

- Increase in operating costs for salaries, benefits, chemicals, utilities and contracted services primarily for plant-wide implementation/construction of ultraviolet disinfection facilities.

APPENDICES

Appendix 1

COVID-19 Financial Impact and Recovery - Operating

| | | In \$ Thousands | | |
|------------------------------|-----------------|-----------------|----------------|----------------|
| COVID-19 Impacts | 2021 Net | 2022 | | |
| | | Revenues | Gross | Net |
| Revenue Loss | | | | |
| Sale of Water Volume | 12,690.0 | | | |
| Private Water Agreements | 1,000.0 | | | |
| Sub-Total | 13,690.0 | | | |
| Expenditure Increase | | | | |
| Health and Safety Protocols | 859.2 | | 1,131.6 | 1,131.6 |
| Sub-Total | 859.2 | | 1,131.6 | 1,131.6 |
| Total COVID-19 Impact | 14,549.2 | | 1,131.6 | 1,131.6 |

Appendix 2

2022 Balancing Actions

| (\$000s) | | | | | | | | | | |
|--|------------------------------|---------------|---------|----------------|------------------|------------------|-----------|--------------------|-----|------------------|
| Recommendation | Savings Type | Equity Impact | AG Recs | 2022 | | | | 2023 (Incremental) | | |
| | | | | Revenue | Gross | Net | Positions | Gross | Net | Positions |
| Region of York-Rate change | Revenue Increase (User Fees) | No Impact | No | 299.3 | | (299.3) | | | | (358.4) |
| Inflationary Factor - User Fees | Revenue Increase (User Fees) | No Impact | No | 791.0 | | (791.0) | | | | (1,313.9) |
| Realignment to Actuals - Line by Line (Decrease) | Line By Line | No Impact | No | | (1,519.7) | (1,519.7) | | | | |
| Efficiencies - Water & Wastewater - Utilities | Efficiencies | No Impact | No | | (3,455.5) | (3,455.5) | | | | |
| Efficiencies - Other | Efficiencies | No Impact | No | | (623.7) | (623.7) | | | | |
| Total Balancing Actions | | | | 1,090.3 | (5,598.9) | (6,689.2) | | | | (1,672.3) |

Appendix 3

Summary of 2022 Service Changes

N/A

Appendix 4

Summary of 2022 New / Enhanced Service Priorities Included in Budget

N/A

Appendix 5

Summary of 2022 New / Enhanced Service Priorities Not Included in Budget

N/A

Appendix 6

2022 Capital Budget; 2023 - 2031 Capital Plan Including Carry Forward Funding

| (In \$000s) | 2022 Budget | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2027 Plan | 2028 Plan | 2029 Plan | 2030 Plan | 2031 Plan | 2022 - 2031 Total | Health & Safety & Legislated | SOGR | Growth & Improved Service |
|---|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------------|------------------------------|-----------|---------------------------|
| ASHBRIDGES BAY WWTP - BUILDING SERVICES & SITE DEV | 1,758 | 438 | 13 | - | - | - | - | - | - | 1,300 | 3,509 | | | 3,509 |
| ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM | 92,681 | 50,020 | 29,445 | 41,814 | 4,933 | 600 | 3,700 | 3,300 | 10 | 10 | 226,513 | 218,243 | | 8,270 |
| ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HANDLING <input checked="" type="checkbox"/> | 35,227 | 31,861 | 47,392 | 91,918 | 163,919 | 150,684 | 146,379 | 140,469 | 157,233 | 175,757 | 1,140,839 | | 862,900 | 277,939 |
| ASHBRIDGES BAY WWTP - O&M UPGRADES | 2,600 | 2,630 | 2,710 | 2,790 | 2,790 | 2,960 | 3,005 | 3,140 | 3,240 | 3,337 | 29,202 | | 29,202 | |
| ASHBRIDGES BAY WWTP - ODOUR CONTROL | 1,161 | - | - | - | - | - | - | - | - | - | 1,161 | | | 1,161 |
| ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING <input checked="" type="checkbox"/> | 45,600 | 53,597 | 53,222 | 71,993 | 55,027 | 41,064 | 36,554 | 5,170 | 622 | - | 362,849 | | 355,928 | 6,921 |
| ASHBRIDGES BAY WWTP REHAB <input checked="" type="checkbox"/> | 18,210 | 85,354 | 86,274 | 58,234 | 45,471 | 21,556 | 26,810 | 24,220 | 20,870 | 11,750 | 398,749 | 6,873 | 349,480 | 42,396 |
| ASHRIDGES BAY TP YR2005 | 10 | 72 | - | - | - | - | - | - | - | - | 82 | | 82 | |
| BASEMENT FLOODING RELIEF <input checked="" type="checkbox"/> | 227,205 | 306,836 | 338,227 | 282,522 | 223,744 | 206,921 | 180,722 | 172,733 | 170,961 | 159,828 | 2,269,699 | | | 2,269,699 |
| BUSINESS IT PROJECTS | 1,106 | 2,185 | 1,160 | 860 | 510 | - | - | - | - | - | 5,821 | | | 5,821 |
| BUSINESS SYSTEM INFRASTRUCTURE - PW <input checked="" type="checkbox"/> | 14,376 | 17,324 | 11,754 | 5,557 | 5,058 | 3,556 | 4,549 | 3,654 | 3,359 | 3,395 | 72,582 | | | 72,582 |
| CLARK RESIDUE MGMT. FACILITIES | 23 | 20 | - | - | - | - | - | - | - | - | 43 | 43 | | |
| DIST W/M REHABILITATION | 69,630 | 61,874 | 72,164 | 72,295 | 73,206 | 71,406 | 71,306 | 71,206 | 65,460 | 65,260 | 693,807 | | 693,807 | |
| DIST W/M REPLACEMENT | 133,499 | 148,182 | 117,593 | 122,215 | 119,350 | 113,500 | 113,500 | 113,500 | 113,600 | 114,000 | 1,208,939 | | 1,023,562 | 185,377 |
| DIST WATER SERVICE REPAIR | 51,939 | 50,821 | 49,153 | 47,045 | 44,270 | 40,945 | 40,945 | 40,945 | 41,246 | 41,246 | 448,555 | 437,193 | 11,362 | |
| DISTRICT WATERMAINS - NEW | 10 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 4,510 | | | 4,510 |
| DON & WATERFRONT TRUNK CSO | 82,445 | 82,203 | 64,145 | 35,764 | 34,724 | 88,539 | 128,700 | 236,550 | 333,050 | 236,800 | 1,322,920 | | | 1,322,920 |
| EMERY CREEK POND <input checked="" type="checkbox"/> | 60 | 425 | - | - | - | - | - | - | - | - | 485 | | | 485 |
| ENGINEERING | 71,046 | 88,936 | 77,282 | 72,345 | 73,407 | 71,417 | 70,768 | 64,762 | 52,435 | 53,713 | 696,111 | | 696,111 | |
| ENGINEERING STUDIES <input checked="" type="checkbox"/> | 290 | 458 | 140 | 280 | 70 | 70 | 70 | 70 | 70 | 70 | 1,588 | 200 | 760 | 628 |
| EQUIPMENT REPLACEMENT & REHABILITATION | 2,414 | 1,494 | 25 | - | - | - | - | - | - | - | 3,933 | | 3,933 | |
| FJ HORGAN W.T.P. R&R <input checked="" type="checkbox"/> | 7,712 | 9,058 | 3,357 | 2,273 | 2,245 | 865 | 215 | 210 | 200 | 200 | 26,335 | 579 | 18,880 | 6,876 |
| HARRIS W.T.P. R&R <input checked="" type="checkbox"/> | 5,387 | 8,207 | 5,764 | 7,240 | 11,659 | 11,500 | 12,550 | 7,800 | 500 | 500 | 71,107 | | 62,356 | 8,751 |
| HIGHLAND CREEK WWTP - BUILDING SERV & SITE DEV | 8,537 | 4,129 | 3,658 | 3,548 | 3,548 | 4,935 | 5,559 | 3,352 | - | - | 37,266 | | 37,266 | |
| HIGHLAND CREEK WWTP - ODOUR CONTROL <input checked="" type="checkbox"/> | 1,176 | 5,197 | 3,020 | 25 | 417 | 1,000 | 6,500 | 11,300 | 10,500 | 5,400 | 44,535 | 44,334 | | 201 |
| HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING <input checked="" type="checkbox"/> | 11,993 | 22,945 | 42,300 | 44,828 | 30,712 | 19,404 | 12,805 | 31,591 | 28,650 | 22,105 | 267,333 | | 22,050 | 245,283 |
| HIGHLAND CREEK WWTP UPGRADES <input checked="" type="checkbox"/> | 33,709 | 33,646 | 44,454 | 64,534 | 54,001 | 51,610 | 50,184 | 62,110 | 48,080 | 23,650 | 465,978 | 63,527 | 147,691 | 254,760 |
| HORGAN TRUNK MAIN EXPANSION | 10,635 | 21,237 | 21,000 | 7,850 | 630 | 38 | - | - | - | - | 61,390 | | | 61,390 |
| HUMBER T.P. <input checked="" type="checkbox"/> | 361 | 315 | 315 | 383 | 325 | 290 | 344 | 364 | 311 | 325 | 3,333 | | | 3,333 |
| HUMBER WWTP - LIQUID TREATMENT & HANDLING | 20,761 | 7,100 | 3,641 | 1,500 | 5,226 | 32,275 | 32,500 | 32,500 | 18,500 | 12,500 | 166,503 | | 166,503 | |
| HUMBER WWTP - O&M UPGRADES | - | - | - | - | - | - | - | - | - | - | - | | | - |
| HUMBER WWTP - ODOUR CONTROL | 3,053 | 4,127 | 1,578 | 3 | 3 | 500 | - | - | - | 500 | 9,764 | 9,764 | | |
| HUMBER WWTP UPGRADES <input checked="" type="checkbox"/> | 36,968 | 43,488 | 36,536 | 36,221 | 36,452 | 35,950 | 22,360 | 9,860 | 100 | - | 257,935 | 4,966 | 177,637 | 75,332 |

Appendix 6 (Con't)

2022 Capital Budget; 2023 - 2031 Capital Plan Including Carry Forward Funding

| (In \$000s) | 2022 Budget | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2027 Plan | 2028 Plan | 2029 Plan | 2030 Plan | 2031 Plan | 2022 - 2031 Total | Health & Safety & Legislated | SOGR | Growth & Improved Service |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|------------------------------|------------------|---------------------------|
| ISLAND W.T.P. R&R | 8,273 | 21,211 | 27,284 | 34,062 | 17,067 | 7,393 | 2,617 | 3,235 | 375 | 525 | 122,042 | 62,332 | 35,768 | 23,942 |
| Land Acquisition for Source Water Protect | 10,900 | 14,600 | 11,067 | 7,200 | 10,900 | 11,000 | 11,000 | 11,000 | 11,000 | 11,000 | 109,667 | | | 109,667 |
| LAWRENCE ALLAN REVITALIZATION PLAN | 5,379 | 3,766 | 7,553 | 6,376 | 3,340 | - | - | 2,150 | 2,150 | 2,150 | 32,864 | | | 32,864 |
| METERING & METER READING SYS | 4,082 | 2,742 | 4,132 | 1,501 | 1,501 | 1,501 | 1,501 | 1,501 | 1,501 | 1,501 | 21,463 | | | 21,463 |
| NEW SERVICE CONNECTIONS | 52,136 | 47,521 | 50,384 | 47,610 | 47,610 | 47,610 | 47,610 | 47,610 | 47,610 | 47,610 | 483,311 | | | 483,311 |
| NEW SEWER CONSTRUCTION | 17,479 | 20,375 | 15,501 | 13,250 | 16,298 | 11,345 | 1,065 | 1,100 | 1,050 | 1,000 | 98,463 | | | 98,463 |
| NORTH TORONTO WTP UPGRADES | 11,965 | 9,254 | 4,744 | 223 | 20 | - | - | - | - | - | 26,206 | 9,554 | | 16,652 |
| OPERATIONAL SUPPORT | 3,509 | 14,252 | 11,056 | 4,817 | 5,673 | 2,216 | 2,536 | 4,161 | 2,736 | 1,911 | 52,867 | | 3,750 | 49,117 |
| PW ENGINEERING | 10,049 | 11,172 | 8,775 | 4,686 | 3,640 | 3,164 | 2,225 | 1,225 | 1,225 | 1,225 | 47,386 | | 26,135 | 21,251 |
| REGENT PARK CAPITAL CONTRIBUTION | - | - | - | - | - | - | - | - | - | - | - | | | |
| RL CLARK W.T.P. R&R | 330 | 693 | 2,900 | 1,180 | 1,055 | 1,605 | 265 | 265 | 250 | 250 | 8,793 | | 8,793 | |
| SEWAGE PUMPING STATION UPGRADES | 15,241 | 16,330 | 22,694 | 15,920 | 12,595 | 6,261 | 12,595 | 8,615 | 6,430 | 2,100 | 118,781 | 81,190 | 31,996 | 5,595 |
| SEWER ASSET PLANNING | 24,128 | 27,697 | 22,204 | 23,650 | 23,650 | 23,650 | 23,650 | 23,650 | 23,650 | 23,650 | 239,579 | | 177,065 | 62,514 |
| SEWER REPLACEMENT PROGRAM | 12,825 | 30,137 | 28,966 | 32,324 | 30,759 | 26,947 | 30,250 | 26,750 | 26,750 | 22,750 | 268,458 | | 268,458 | |
| SEWER SYSTEM REHABILITATION | 87,398 | 98,434 | 106,700 | 105,713 | 106,065 | 104,927 | 104,982 | 105,482 | 103,589 | 103,589 | 1,026,879 | | 1,020,980 | 5,899 |
| STREAM RESTORATION & EROSION CONTROL | 16,536 | 18,950 | 17,229 | 23,201 | 26,260 | 21,240 | 18,029 | 11,975 | 11,936 | 7,686 | 173,042 | | 173,042 | |
| SWITCH GEAR TRANSFORMER | 3,542 | 9,400 | 9,400 | 7,699 | 54 | - | - | - | - | - | 30,095 | | 30,095 | |
| SWM TRCA FUNDING | 4,837 | 5,259 | 5,391 | 5,498 | 5,632 | 5,775 | 5,915 | 6,045 | 6,050 | 6,053 | 56,455 | | | 56,455 |
| SWM END OF PIPE FACILITIES | 350 | 1,660 | 640 | 3,100 | 2,671 | 1,750 | 2,167 | 1,840 | 1,246 | 18,500 | 33,924 | | | 33,924 |
| SWM SOURCE CONTROL PROG | 35 | - | - | - | - | - | - | - | - | - | 35 | | | 35 |
| TRANSMISSION R&R | 21,909 | 42,819 | 27,775 | 24,279 | 19,975 | 30,197 | 37,240 | 44,455 | 67,722 | 69,077 | 385,448 | | 377,948 | 7,500 |
| TRUNK SEWER SYSTEM | 45,869 | 66,561 | 44,442 | 132,400 | 146,272 | 138,200 | 163,480 | 95,825 | 71,576 | 53,130 | 957,755 | | 343,425 | 614,330 |
| TRUNK WATERMAIN | 1,838 | 2,054 | 3,672 | 705 | 5 | 5 | - | - | - | - | 8,279 | | 5,234 | 3,045 |
| TRUNK WATERMAIN EXPANSION | 441 | 1,591 | - | - | - | 700 | 1,000 | 300 | 1,000 | 1,000 | 6,032 | | | 6,032 |
| W&WW LABORATORIES | 1,891 | 2,653 | 12,500 | 11,235 | 10,210 | 210 | 210 | 210 | 210 | 210 | 39,539 | | 2,716 | 36,823 |
| WATER EFFICIENCY PROGRAM | 597 | 593 | 524 | 531 | 538 | 545 | 552 | 560 | 568 | 576 | 5,584 | | | 5,584 |
| WATER SUSTAINABILITY PROGRAM | 178 | 2,433 | - | - | - | - | - | - | - | - | 2,611 | | | 2,611 |
| WESTERN BEACHES RETROFIT | 2,540 | 16,329 | 10,666 | 3,350 | 50 | - | - | - | - | - | 32,935 | | 32,935 | |
| WET WEATHER FLOW MP | 29,283 | 18,182 | 15,125 | 10,456 | 6,025 | 3,295 | 4,985 | 4,890 | 3,440 | 3,340 | 99,021 | | 14,727 | 84,294 |
| WT&S PLANTWIDE | 23,542 | 61,452 | 62,383 | 37,677 | 18,000 | 14,302 | 21,991 | 17,606 | 17,181 | 17,321 | 291,455 | | 42,941 | 248,514 |
| Total Expenditures (including carry forward from 2021) | 1,408,664 | 1,712,799 | 1,650,529 | 1,633,180 | 1,508,062 | 1,435,923 | 1,466,390 | 1,459,756 | 1,478,742 | 1,328,300 | 15,082,345 | 938,798 | 7,256,679 | 6,886,868 |

☑ - Project supports Climate Resiliency and / or Greenhouse Gas (GHG) Reduction*

☑ - Project includes workforce development requirements as outlined in the City's Social Procurement Program

*Information above includes full project / sub-project 2022-2031 Budget and Plan cash flows. Does not break out the climate component costs separately

Appendix 6a

2022 Cash Flow and Future Year Commitments Including Carry Forward Funding

| (In \$000s) | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | Total 2022 Cash Flow & FY Commits | Previously Approved | Change in Scope | New w/ Future Year |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------------------------------|---------------------|-----------------|--------------------|
| ASHBRIDGES BAY WWTP - BUILDING SERVICES & SITE DEV | 1,758 | 438 | 13 | | | | | | | | 2,209 | 1,554 | 655 | |
| ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM | 92,681 | 50,020 | 29,445 | 41,814 | 4,283 | | | | | | 218,243 | 207,460 | 10,783 | |
| ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HANDLING | 35,227 | 31,861 | 47,392 | 91,918 | 163,919 | 150,684 | 146,279 | 139,469 | 137,233 | 120,757 | 1,064,739 | 816,024 | 218,003 | 30,712 |
| ASHBRIDGES BAY WWTP - O&M UPGRADES | 2,600 | 2,630 | 2,710 | 2,790 | 2,790 | | | | | | 13,520 | 5,516 | 8,004 | |
| ASHBRIDGES BAY WWTP - ODOUR CONTROL | 1,161 | | | | | | | | | | 1,161 | 1,947 | (786) | |
| ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING | 45,600 | 53,597 | 53,222 | 71,993 | 55,027 | 41,064 | 36,554 | 5,170 | 622 | | 362,849 | 305,130 | 57,719 | |
| ASHBRIDGES BAY WWTP REHAB | 18,210 | 85,354 | 86,274 | 58,234 | 45,471 | 20,256 | 25,510 | 22,920 | 19,570 | 10,450 | 392,249 | 367,735 | 24,514 | |
| ASHRIDGES BAY TP YR2005 | 10 | 72 | | | | | | | | | 82 | 334 | (252) | |
| BASEMENT FLOODING RELIEF | 227,205 | 305,436 | 330,494 | 244,735 | 159,013 | 124,564 | 66,246 | 41,368 | 27,395 | 6,262 | 1,532,718 | 1,229,274 | 245,294 | 58,150 |
| BUSINESS IT PROJECTS | 1,106 | 2,185 | 1,160 | 860 | 510 | | | | | | 5,821 | 3,641 | 2,180 | |
| BUSINESS SYSTEM INFRASTRUCTURE - PW | 14,376 | 16,274 | 8,524 | 540 | 135 | | | | | | 39,849 | 32,491 | 7,358 | |
| CLARK RESIDUE MGMT. FACILITIES | 23 | 20 | | | | | | | | | 43 | 181 | (138) | |
| DIST W/M REHABILITATION | 69,630 | 61,268 | 33,458 | 15,574 | 6,950 | 200 | 100 | | | | 187,180 | 159,359 | 27,821 | |
| DIST W/M REPLACEMENT | 133,499 | 148,182 | 117,593 | 35,215 | 11,250 | | | | | | 445,739 | 115,483 | (21,850) | 352,106 |
| DIST WATER SERVICE REPAIR | 51,939 | 47,921 | 38,308 | 18,850 | 6,325 | | | | | | 163,343 | 86,694 | 16,649 | 60,000 |
| DISTRICT WATERMANS - NEW | 10 | 500 | | | | | | | | | 510 | 508 | 2 | |
| DON & WATERFRONT TRUNK CSO | 82,445 | 80,053 | 56,645 | 21,764 | 3,224 | 89 | | | | | 244,220 | 193,713 | 32,458 | 18,049 |
| EMERY CREEK POND | 60 | 425 | | | | | | | | | 485 | 500 | (15) | |
| ENGINEERING | 71,046 | 47,473 | 22,012 | 8,765 | 4,398 | 1,161 | 72 | 72 | | | 154,999 | 95,907 | 59,092 | |
| ENGINEERING STUDIES | 290 | 458 | 80 | | | | | | | | 828 | 450 | 378 | |
| EQUIPMENT REPLACEMENT & REHABILITATION | 2,414 | 1,494 | 25 | | | | | | | | 3,933 | 3,909 | 24 | |
| FJ HORGAN W.T.P. R&R | 7,712 | 9,058 | 3,357 | 2,273 | 2,245 | 665 | 15 | 10 | | | 25,335 | 17,271 | 8,064 | |
| HARRIS W.T.P. R&R | 5,387 | 7,757 | 5,114 | 4,040 | 509 | | | | | | 22,807 | 18,896 | 3,911 | |
| HIGHLAND CREEK WWTP - BUILDING SERV & SITE DEV | 8,537 | 4,129 | 3,658 | 3,548 | 3,548 | 4,935 | 5,559 | 3,352 | | | 37,266 | 29,449 | 7,817 | |
| HIGHLAND CREEK WWTP - ODOUR CONTROL | 1,176 | 5,197 | 3,020 | 25 | 17 | | | | | | 9,435 | 4,107 | 5,328 | |
| HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING | 11,993 | 22,945 | 42,300 | 44,300 | 29,128 | 17,293 | 11,750 | 10,147 | 50 | | 189,906 | 164,901 | 25,005 | |
| HIGHLAND CREEK WWTP UPGRADES | 33,709 | 33,141 | 24,424 | 34,254 | 15,581 | 13,900 | 12,804 | 9,740 | 3,385 | 3,600 | 184,538 | 149,026 | 6,402 | 29,110 |
| HORGAN TRUNK MAIN EXPANSION | 10,635 | 21,237 | 21,000 | 7,850 | 630 | 38 | | | | | 61,390 | 59,876 | 1,514 | |
| HUMBER T.P. | 361 | 315 | 315 | 383 | 325 | 290 | 344 | 364 | 311 | 325 | 3,333 | 1 | 3,332 | |
| HUMBER WWTP - LIQUID TREATMENT & HANDLING | 20,761 | 6,950 | 2,641 | 150 | 226 | 275 | | | | | 31,003 | 30,971 | 32 | |
| HUMBER WWTP - O&M UPGRADES | | | | | | | | | | | | 408 | (408) | |
| HUMBER WWTP - ODOUR CONTROL | 3,053 | 4,127 | 1,578 | 3 | 3 | 500 | | | | 500 | 9,764 | 9,166 | 598 | |

Appendix 6a (Con't)

2022 Cash Flow and Future Year Commitments Including Carry Forward Funding

| (In \$000s) | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | Total 2022 Cash Flow & FY Commits | Previously Approved | Change in Scope | New w/ Future Year |
|--|------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------------------------|---------------------|-----------------|--------------------|
| HUMBER WWTP UPGRADES | 36,968 | 43,488 | 35,036 | 29,221 | 29,452 | 28,950 | 15,360 | 4,360 | 100 | | 222,935 | 197,088 | 12,439 | 13,408 |
| ISLAND W.T.P. R&R | 8,273 | 19,461 | 23,984 | 32,962 | 16,992 | 6,743 | 367 | 260 | | 150 | 109,192 | 86,863 | 14,079 | 8,250 |
| Land Acquisition for Source Water Protect | 10,900 | 600 | 467 | | | | | | | | 11,967 | 1,107 | 10,860 | |
| LAWRENCE ALLAN REVITALIZATION PLAN | 5,379 | 3,766 | 7,553 | 6,376 | 3,340 | | | | | | 26,414 | 10,880 | 1,533 | 14,001 |
| METERING & METER READING SYS | 4,082 | 2,742 | 4,132 | 1,501 | 1,501 | 1,501 | 1,501 | 1,501 | 1,501 | 1,501 | 21,463 | 19,883 | 1,580 | |
| NEW SERVICE CONNECTIONS | 52,136 | 41,686 | 37,774 | | | | | | | | 131,596 | 125,035 | 6,561 | |
| NEW SEWER CONSTRUCTION | 17,479 | 20,255 | 7,951 | 1,950 | 923 | 345 | | | | | 48,903 | 47,002 | 1,901 | |
| NORTH TORONTO WTP UPGRADES | 11,965 | 9,254 | 4,744 | 223 | 20 | | | | | | 26,206 | 27,721 | (1,515) | |
| OPERATIONAL SUPPORT | 3,509 | 13,957 | 10,761 | 2,340 | 1,002 | 105 | 425 | 2,050 | 825 | | 34,974 | 14,400 | 19,574 | 1,000 |
| PW ENGINEERING | 10,049 | 11,172 | 8,700 | 4,111 | 2,950 | 2,106 | 1,000 | | | | 40,088 | 30,331 | 8,207 | 1,550 |
| REGENT PARK CAPITAL CONTRIBUTION | | | | | | | | | | | | 3,121 | (3,121) | |
| RL CLARK W.T.P. R&R | 330 | 533 | 250 | 250 | 250 | | | | | | 1,613 | 1,462 | 151 | |
| SEWAGE PUMPING STATION UPGRADES | 15,241 | 16,330 | 22,644 | 15,445 | 11,620 | 3,931 | 9,665 | 8,560 | 6,410 | 2,100 | 111,946 | 101,310 | 9,586 | 1,050 |
| SEWER ASSET PLANNING | 24,128 | 21,322 | 12,754 | 500 | 400 | | | | | | 59,104 | 56,838 | 2,266 | |
| SEWER REPLACEMENT PROGRAM | 12,825 | 25,137 | 13,466 | 12,324 | 4,509 | 4,447 | 3,500 | | | | 76,208 | 42,526 | (2,933) | 36,615 |
| SEWER SYSTEM REHABILITATION | 87,398 | 94,264 | 79,418 | 23,088 | 8,533 | 945 | | | | | 293,646 | 157,773 | 135,873 | |
| STREAM RESTORATION & EROSION CONTROL | 16,536 | 18,364 | 11,309 | 7,552 | 5,205 | 2,983 | 3,694 | 1,194 | 1,085 | 449 | 68,371 | 44,062 | 24,309 | |
| SWITCH GEAR TRANSFORMER | 3,542 | 9,400 | 9,400 | 7,699 | 54 | | | | | | 30,095 | 24,680 | 5,415 | |
| SWM TRCA FUNDING | 4,837 | | | | | | | | | | 4,837 | | 4,837 | |
| SWM END OF PIPE FACILITIES | 350 | 1,660 | 640 | 3,100 | 2,671 | 1,000 | 1,417 | 840 | 246 | 3,500 | 15,424 | 104,014 | (88,590) | |
| SWM SOURCE CONTROL PROG | 35 | | | | | | | | | | 35 | 20 | 15 | |
| TRANSMISSION R&R | 21,909 | 42,344 | 25,415 | 11,429 | 540 | 2,017 | 1,800 | 850 | 850 | 400 | 107,554 | 81,080 | 11,474 | 15,000 |
| TRUNK SEWER SYSTEM | 45,869 | 66,286 | 39,147 | 113,810 | 120,877 | 115,130 | 127,250 | 64,645 | 56,911 | 51,349 | 801,274 | 760,185 | 40,039 | 1,050 |
| TRUNK WATERMAIN | 1,838 | 2,054 | 3,672 | 705 | 5 | 5 | | | | | 8,279 | 9,072 | (793) | |
| TRUNK WATERMAIN EXPANSION | 441 | 1,591 | | | | | | | | | 2,032 | 1,954 | 78 | |
| W&WW LABORATORIES | 1,891 | 2,443 | 12,290 | 11,025 | 10,000 | | | | | | 37,649 | 36,765 | 884 | |
| WATER EFFICIENCY PROGRAM | 597 | 593 | 524 | 231 | 238 | | | | | | 2,183 | 1,367 | 816 | |
| WATER SUSTAINABILITY PROGRAM | 178 | 2,433 | | | | | | | | | 2,611 | 2,398 | 213 | |
| WESTERN BEACHES RETROFIT | 2,540 | 16,329 | 10,666 | 3,350 | 50 | | | | | | 32,935 | 30,831 | 2,104 | |
| WET WEATHER FLOW MP | 29,283 | 15,722 | 11,630 | 4,766 | 285 | 155 | 145 | | | | 61,986 | 59,310 | 2,676 | |
| WT&S PLANTWIDE | 23,542 | 61,302 | 62,033 | 34,527 | 12,100 | 4,327 | 986 | 416 | 461 | 461 | 200,155 | 124,606 | 28,549 | 47,000 |
| Total Expenditure (including carry forward from 2021) | 1,408,664 | 1,615,005 | 1,391,122 | 1,038,363 | 749,024 | 550,604 | 472,343 | 317,288 | 256,955 | 201,804 | 8,001,172 | 6,315,566 | 998,555 | 687,051 |

Appendix 6b

2023 - 2031 Capital Plan

| (In \$000s) | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2027 Plan | 2028 Plan | 2029 Plan | 2030 Plan | 2031 Plan | 2023 - 2031 Total | Health & Safety & Legislated | SOGR | Growth & Improved Service |
|--|---------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------|------------------|-------------------|------------------------------|------------------|---------------------------|
| ASHBRIDGES BAY WWTP - BUILDING SERVICES & SITE DEV | | | | 650 | 600 | 3,700 | 3,300 | 10 | 1,300 | 1,300 | | | 1,300 |
| ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM | | | | | | 100 | 1,000 | 20,000 | 55,000 | 76,100 | | | 8,270 |
| ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HANDLING | | | | | | 2,960 | 3,005 | 3,140 | 3,337 | 15,682 | | 25,000 | 51,100 |
| ASHBRIDGES BAY WWTP - O&M UPGRADES | | | | | | 1,300 | 1,300 | 1,300 | 1,300 | 6,500 | | 6,500 | |
| ASHBRIDGES BAY WWTP REHAB | | | | | | | | | | | | | |
| BASEMENT FLOODING RELIEF | 1,400 | 7,733 | 37,787 | 64,731 | 82,357 | 114,476 | 131,365 | 143,566 | 153,566 | 736,981 | | | 736,981 |
| BUSINESS SYSTEM INFRASTRUCTURE - PW | 1,050 | 3,230 | 5,017 | 4,923 | 3,556 | 4,549 | 3,654 | 3,359 | 3,395 | 32,733 | | | 32,733 |
| CLARK RESIDUE MGMT. FACILITIES | | | | | | | | | | | | | |
| DIST W/M REHABILITATION | 606 | 38,706 | 56,721 | 66,256 | 71,206 | 71,206 | 71,206 | 65,460 | 65,260 | 506,627 | | 506,627 | |
| DIST W/M REPLACEMENT | | | 87,000 | 108,100 | 113,500 | 113,500 | 113,500 | 113,600 | 114,000 | 763,200 | | 639,700 | 123,500 |
| DIST WATER SERVICE REPAIR | 2,900 | 10,845 | 28,195 | 37,945 | 40,945 | 40,945 | 40,945 | 41,246 | 41,246 | 285,212 | 285,212 | | |
| DISTRICT WATERMANS - NEW | | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 4,000 | | | 4,000 |
| DON & WATERFRONT TRUNK CSO | 2,150 | 7,500 | 14,000 | 31,500 | 88,450 | 128,700 | 236,550 | 333,050 | 236,800 | 1,078,700 | | | 1,078,700 |
| EMERY CREEK POND | | | | | | | | | | | | | |
| ENGINEERING | 41,463 | 55,270 | 63,580 | 69,009 | 70,256 | 70,696 | 64,690 | 52,435 | 53,713 | 541,112 | | 541,112 | |
| ENGINEERING STUDIES | | 60 | 280 | 70 | 70 | 70 | 70 | 70 | 70 | 760 | | 760 | |
| FJ HORGAN W.T.P. R&R | | | | | 200 | 200 | 200 | 200 | 200 | 1,000 | | 1,000 | |
| HARRIS W.T.P. R&R | 450 | 650 | 3,200 | 11,150 | 11,500 | 12,550 | 7,800 | 500 | 500 | 48,300 | | 48,300 | |
| HIGHLAND CREEK WWTP - BUILDING SERV & SITE DEV | | | | 400 | 1,000 | 6,500 | 11,300 | 10,500 | 5,400 | 35,100 | 35,100 | | |
| HIGHLAND CREEK WWTP - ODOUR CONTROL | | | | | | | | | | | | | |
| HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING | | | 528 | 1,584 | 2,111 | 1,055 | 21,444 | 28,600 | 22,105 | 77,427 | | | 77,427 |
| HIGHLAND CREEK WWTP UPGRADES | 505 | 20,030 | 30,280 | 38,420 | 37,710 | 37,380 | 52,370 | 44,695 | 20,050 | 281,440 | 39,100 | 12,140 | 230,200 |
| HUMBER WWTP - LIQUID TREATMENT & HANDLING | 150 | 1,000 | 1,350 | 5,000 | 32,000 | 32,500 | 32,500 | 18,500 | 12,500 | 135,500 | | 135,500 | |
| HUMBER WWTP UPGRADES | | 1,500 | 7,000 | 7,000 | 7,000 | 7,000 | 5,500 | | | 35,000 | | 35,000 | |
| ISLAND W.T.P. R&R | 1,750 | 3,300 | 1,100 | 75 | 650 | 2,250 | 2,975 | 375 | 375 | 12,850 | | 10,000 | 2,850 |
| Land Acquisition for Source Water Protect | 14,000 | 10,600 | 7,200 | 10,900 | 11,000 | 11,000 | 11,000 | 11,000 | 11,000 | 97,700 | | | 97,700 |
| LAWRENCE ALLAN REVITALIZATION PLAN | | | | | | | 2,150 | 2,150 | 2,150 | 6,450 | | | 6,450 |
| NEW SERVICE CONNECTIONS | 5,835 | 12,610 | 47,610 | 47,610 | 47,610 | 47,610 | 47,610 | 47,610 | 47,610 | 351,715 | | | 351,715 |
| NEW SEWER CONSTRUCTION | 120 | 7,550 | 11,300 | 15,375 | 11,000 | 1,065 | 1,100 | 1,050 | 1,000 | 49,560 | | | 49,560 |
| OPERATIONAL SUPPORT | 295 | 295 | 2,477 | 4,671 | 2,111 | 2,111 | 2,111 | 1,911 | 1,911 | 17,893 | | 3,750 | 14,143 |
| PW ENGINEERING | | 75 | 575 | 690 | 1,058 | 1,225 | 1,225 | 1,225 | 1,225 | 7,298 | | 1,250 | 6,048 |
| RL CLARK W.T.P. R&R | 160 | 2,650 | 930 | 805 | 1,605 | 265 | 265 | 250 | 250 | 7,180 | | | 7,180 |
| SEWAGE PUMPING STATION UPGRADES | | 50 | 475 | 975 | 2,330 | 2,930 | 55 | 20 | | 6,835 | | 5,850 | 985 |
| SEWER ASSET PLANNING | 6,375 | 9,450 | 23,150 | 23,250 | 23,650 | 23,650 | 23,650 | 23,650 | 23,650 | 180,475 | | 118,300 | 62,175 |
| SEWER REPLACEMENT PROGRAM | 5,000 | 15,500 | 20,000 | 26,250 | 22,500 | 26,750 | 26,750 | 26,750 | 22,750 | 192,250 | | | 192,250 |
| SEWER SYSTEM REHABILITATION | 4,170 | 27,282 | 82,625 | 97,532 | 103,982 | 104,982 | 105,482 | 103,589 | 103,589 | 733,233 | | | 733,233 |
| STREAM RESTORATION & EROSION CONTROL | 586 | 5,920 | 15,649 | 21,055 | 18,257 | 14,335 | 10,781 | 10,851 | 7,237 | 104,671 | | | 104,671 |
| SWM TRCA FUNDING | 5,259 | 5,391 | 5,498 | 5,632 | 5,775 | 5,915 | 6,045 | 6,050 | 6,053 | 51,618 | | | 51,618 |
| SWM END OF PIPE FACILITIES | | | | | 750 | 750 | 1,000 | 1,000 | 15,000 | 18,500 | | | 18,500 |
| TRANSMISSION R&R | 475 | 2,360 | 12,850 | 19,435 | 28,180 | 35,440 | 43,605 | 66,872 | 68,677 | 277,894 | | 277,894 | |
| TRUNK SEWER SYSTEM | 275 | 5,295 | 18,590 | 25,395 | 23,070 | 36,230 | 31,180 | 14,665 | 1,781 | 156,481 | | 156,481 | |
| TRUNK WATERMAIN EXPANSION | | | | | 700 | 1,000 | 300 | 1,000 | 1,000 | 4,000 | | | 4,000 |
| W&WW LABORATORIES | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 1,890 | | 1,890 | |
| WATER EFFICIENCY PROGRAM | | | 300 | 300 | 545 | 552 | 560 | 568 | 576 | 3,401 | | | 3,401 |
| WET WEATHER FLOW MP | 2,460 | 3,495 | 5,690 | 5,740 | 3,140 | 4,840 | 4,890 | 3,440 | 3,340 | 37,035 | | 12,500 | 24,535 |
| WT&S PLANTWIDE | 150 | 350 | 3,150 | 5,900 | 9,975 | 21,005 | 17,190 | 16,720 | 16,860 | 91,300 | | | 91,300 |
| Total Expenditures | 97,794 | 259,407 | 594,817 | 759,038 | 885,319 | 994,047 | 1,142,468 | 1,221,787 | 1,126,496 | 7,081,173 | 359,412 | 3,592,570 | 3,129,191 |

Appendix 7

Reporting on Major Capital Projects: Status Update

| Division/Project name | 2021 Cash Flow (Active Projects) | | | Total Project Cost (Active Projects) | | Status | Start Date | End Date | | On Budget | On Time |
|---|--|-----------|-----------------|---|--------------|-----------|------------|----------|---------|-----------|---------|
| | Appr. | YTD Spend | YE Projec Spend | Appr. Budget | Life to Date | | | Planned | Revised | | |
| <i>Toronto Water</i> | | | | | | | | | | | |
| St Claire - Reservoir Rehabilitation | 198 | 3 | 2,079 | 34,518 | 26,997 | Completed | Jan-14 | Dec-22 | Dec-22 | Ⓞ | Ⓞ |
| Comments: | Extensive consultation was undertaken through the design phase to address community concerns regarding park access and restoration. Project is nearing completion. | | | | | | | | | | |
| Explanation for Delay: | | | | | | | | | | | |
| ROSEHILL PS REHAB (CPW060-11) | 333 | 15 | 81 | 8,124 | 4,766 | Completed | Jan-15 | Dec-22 | Dec-22 | Ⓞ | Ⓞ |
| Comments: | Projects are nearing completion with reduced expenditures. | | | | | | | | | | |
| Explanation for Delay: | | | | | | | | | | | |
| OUTFALL CONSTRUCTION (CWW039-06) | 81,553 | 17,476 | 80,098 | 278,899 | 103,345 | On Track | Jan-18 | Dec-25 | Dec-25 | Ⓞ | Ⓞ |
| Comments: | Construction started in early 2019, and is proceeding on track in 2021. | | | | | | | | | | |
| Explanation for Delay: | | | | | | | | | | | |
| Don & Waterfront Trunk/CSO Const - PHASE 1 (CWW480-03) | 62,934 | 32,497 | 70,000 | 411,419 | 253,002 | On Track | Jan-18 | Jan-24 | Jan-24 | Ⓞ | Ⓞ |
| Comments: | Construction started in 2018, and is proceeding ahead of the forecast in 2021. | | | | | | | | | | |
| Explanation for Delay: | | | | | | | | | | | |

| | | |
|------------------------------|--|-------------------------------------|
| On/Ahead of Schedule | Ⓞ | >70% of Approved Project Cost |
| Minor Delay < 6 months | Ⓜ | Between 50% and 70% |
| Significant Delay > 6 months | Ⓡ | < 50% or > 100% of Approved Project |

Appendix 8

Summary of Capital Needs Constraints

(In \$ Millions)

- The 2022-2031 Capital Budget and Plan is based on the capacity to deliver (85 per cent spending rate included for planning purposes).
- Toronto Water does not have any unmet needs over the 10-year planning horizon.

Appendix 9

2022 User Fee Changes

(Excludes User Fees Adjusted for Inflation)

- Toronto Water does not have any other changes to its existing user fees

Appendix 10

Inflows and Outflows to/from Reserves and Reserve Funds 2022 Operating Budget

Program Specific Reserve / Reserve Funds

| Reserve / Reserve Fund Name (in \$000s) | Reserve / Reserve Fund Name | Withdrawals (-) / Contribution (+) | | |
|--|-----------------------------|------------------------------------|------------------|----------------|
| | | 2022 | 2023 | 2024 |
| | | \$ | \$ | \$ |
| Beginning Balance | | 20,295.3 | 6,464.1 | 2,001.5 |
| Vehicle Replacement Reserve | XQ1012 | | | |
| Withdrawals (-) | | (19,620.4) | (12,251.9) | (6,307.9) |
| Contribution (+) | | 5,789.3 | 7,789.3 | 5,789.3 |
| Total Reserve / Reserve Fund Draws / Contribution | | (13,831.2) | (4,462.6) | (518.6) |
| Balance at Year-End | | 6,464.1 | 2,001.5 | 1,482.9 |

* Based on 6-month 2021 Reserve Fund Variance Report

| Reserve / Reserve Fund Name (in \$000s) | Reserve / Reserve Fund Name | Withdrawals (-) / Contribution (+) | | | | | | | | | |
|--|-----------------------------|------------------------------------|------------------|------------------|------------------|-----------------|-----------------|---------------|---------------|---------------|----------------|
| | | 2022 Budget | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2027 Plan | 2028 Plan | 2029 Plan | 2030 Plan | 2031 Plan |
| | | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ | \$ |
| Beginning Balance | | 1,081,897 | 976,585 | 634,768 | 382,646 | 165,544 | 68,025 | 50,793 | 51,292 | 55,289 | 81,158 |
| Water & Wastewater Capital Reserves | XR6003 & XR6004 | | | | | | | | | | |
| Withdrawals (-) | | | | | | | | | | | |
| - TW Capital Program | | (1,076,930) | (1,342,542) | (1,288,359) | (1,276,109) | (1,179,983) | (1,124,840) | (1,142,074) | (1,158,650) | (1,172,996) | (1,054,662) |
| - Others | | (7,880) | (3,146) | (2,096) | (1,701) | (1,738) | (2,169) | (3,209) | (11,191) | (3,898) | (3,940) |
| Contribution (+) | | | | | | | | | | | |
| - From Operations | | 975,793 | 996,056 | 1,031,364 | 1,056,596 | 1,082,450 | 1,108,886 | 1,145,018 | 1,173,039 | 1,201,739 | 1,231,134 |
| - Others: Interest | | 3,705 | 7,815 | 6,969 | 4,111 | 1,752 | 891 | 766 | 799 | 1,023 | 2,530 |
| Total Reserve / Reserve Fund Draws / Contribution | | (105,312) | (341,817) | (252,122) | (217,102) | (97,519) | (17,232) | 499 | 3,997 | 25,869 | 175,062 |
| Balance at Year-End | | 976,585 | 634,768 | 382,646 | 165,544 | 68,025 | 50,793 | 51,292 | 55,289 | 81,158 | 256,220 |

*Based on the most recent estimates

Appendix 10 (Con't)

Corporate Reserve / Reserve Funds

| Reserve / Reserve Fund Name (in \$000s) | Reserve / Reserve Fund Name | Withdrawals (-) / Contribution (+) | | |
|---|-----------------------------|------------------------------------|-----------------|-----------------|
| | | 2022 | 2023 | 2024 |
| | | \$ | \$ | \$ |
| Beginning Balance | | 16,140.6 | 22,749.1 | 29,357.5 |
| Insurance Replacement Reserve | XR1010 | | | |
| Withdrawals (-) | | | | |
| Contribution (+) | | 6,608.5 | 6,608.5 | 6,608.5 |
| Total Reserve / Reserve Fund Draws / Contribution | | 6,608.5 | 6,608.5 | 6,608.5 |
| Other Programs Reserve / Reserve Fund Draws / Contribution | | | | |
| Balance at Year-End | | 22,749.1 | 29,357.5 | 35,966.0 |

* Based on 6-month 2021 Reserve Fund Variance Report

Appendix 10 (Con't)

Inflows and Outflows to/from Reserves and Reserve Funds

2022 – 2031 Capital Budget and Plan

Corporate Reserve / Reserve Funds

| Reserve / Reserve Fund Name (In \$000s) | Project / Sub Project Name and Number | Contributions / (Withdrawals) | | | | | | | | | | Total |
|--|---|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------------|-----------------|------------------|
| | | 2022 Budget | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2027 Plan | 2028 Plan | 2029 Plan | 2030 Plan | 2031 Plan | |
| Water Development | Beginning Balance | 120,716 | 112,698 | 114,113 | 115,874 | 125,545 | 141,344 | 159,859 | 179,285 | 198,813 | 219,016 | |
| Charges | Withdrawals | | | | | | | | | | | |
| Reserve Fund XR2111 (in \$000s) | DIST W/M REPLACEMENT | (14,069) | (10,783) | (8,189) | (9,053) | (8,616) | (8,441) | (8,441) | (8,441) | (8,445) | (8,460) | (92,936) |
| | DISTRICT WATERMAINS - NEW | (9) | (255) | (255) | (255) | (255) | (255) | (255) | (255) | (255) | (255) | (2,304) |
| | HORGAN TRUNK MAIN EXPANSION | (9,040) | (10,831) | (10,710) | (4,004) | (321) | (20) | - | - | - | - | (34,925) |
| | ISLAND W.T.P. R&R | (127) | (774) | (1,162) | (1,099) | (766) | (377) | - | - | - | - | (4,304) |
| | LAWRENCE ALLAN REVITALIZATION PLAN | (4,572) | (1,921) | (3,852) | (3,251) | (1,703) | - | - | (1,097) | (1,097) | (1,097) | (18,590) |
| | PW ENGINEERING | (1,179) | (705) | (527) | (387) | (267) | (252) | (188) | (60) | (60) | (60) | (3,685) |
| | RL CLARK W.T.P. R&R | (3) | (21) | - | - | - | - | - | - | - | - | (25) |
| | TRANSMISSION R&R | (85) | (1,275) | (1,530) | (969) | - | - | - | - | - | - | (3,859) |
| | TRUNK WATERMAIN EXPANSION | (150) | (326) | - | - | - | - | - | - | - | - | (477) |
| | WATER EFFICIENCY PROGRAM | (507) | (303) | (268) | (271) | (275) | (278) | (281) | (286) | (290) | (294) | (3,052) |
| | WATER SUSTAINABILITY PROGRAM | (16) | (128) | - | - | - | - | - | - | - | - | (145) |
| | WT&S PLANTWIDE | (984) | (1,459) | (1,944) | (1,305) | (359) | (519) | (641) | (150) | (66) | (44) | (7,472) |
| | Total Withdrawals | (30,742) | (28,780) | (28,437) | (20,593) | (12,562) | (10,141) | (9,806) | (10,288) | (10,213) | (10,210) | (171,771) |
| | Contribution: | | | | | | | | | | | |
| | - Projected Contribution | 22,815 | 30,286 | 30,288 | 30,355 | 28,452 | 28,747 | 29,322 | 29,908 | 30,506 | 31,116 | 291,795 |
| | - Other Program/Agency Net Withdrawals and Contribution | (91) | (91) | (91) | (91) | (91) | (91) | (91) | (91) | (91) | (91) | (909) |
| | Total Contribution | 22,724 | 30,195 | 30,197 | 30,264 | 28,361 | 28,656 | 29,231 | 29,817 | 30,415 | 31,025 | 290,886 |
| | Balance at Year-End | 112,698 | 114,113 | 115,874 | 125,545 | 141,344 | 159,859 | 179,285 | 198,813 | 219,016 | 239,830 | |

* Based on the most recent estimates

Appendix 10 (Con't)

Corporate Reserve / Reserve Funds

| Reserve / Reserve Fund Name (In \$000s) | Project / Sub Project Name and Number | Contributions / (Withdrawals) | | | | | | | | | | Total | |
|---|---|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|-----------|
| | | 2022 Budget | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2027 Plan | 2028 Plan | 2029 Plan | 2030 Plan | 2031 Plan | | |
| Sanitary Development Charges Reserve Fund XR2112 (in \$000s) | Beginning Balance | 69,292 | 32,651 | 31,813 | 35,741 | 22,426 | (6,567) | (38,128) | (75,774) | (93,046) | (111,549) | | |
| | Withdrawals | | | | | | | | | | | | |
| | ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM | (11,650) | (3,771) | (2,222) | (3,155) | (323) | - | - | - | - | - | - | (21,121) |
| | ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HANDLING | (6,678) | (5,843) | (6,087) | (12,486) | (26,577) | (25,563) | (25,265) | (25,480) | (26,492) | (24,321) | | (184,791) |
| | ASHBRIDGES BAY WWTP - ODOUR CONTROL | (146) | - | - | - | - | - | - | - | - | - | - | (146) |
| | ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING | (4,759) | (3,113) | (3,002) | (2,160) | (1,229) | (241) | - | - | - | - | - | (14,504) |
| | ASHBRIDGES BAY WWTP REHAB | (63) | - | - | - | - | - | - | - | - | - | - | (63) |
| | ASHRIDGES BAY TP YR2005 | (1) | (5) | - | - | - | - | - | - | - | - | - | (6) |
| | BASEMENT FLOODING RELIEF | (18,522) | (14,412) | (14,302) | (9,924) | (5,998) | (3,913) | (3,856) | (2,740) | (1,840) | (1,918) | | (77,427) |
| | DON & WATERFRONT TRUNK CSO | (9,211) | (5,361) | (4,514) | (2,699) | (2,621) | (6,681) | (9,712) | (13,096) | (18,567) | (11,303) | | (83,764) |
| | HIGHLAND CREEK WWTP - ODOUR CONTROL | (122) | (149) | - | - | (31) | (76) | (490) | (853) | (792) | (407) | | (2,920) |
| | HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING | (935) | (1,090) | (1,935) | (2,139) | (1,403) | (860) | (611) | (507) | (3) | - | | (9,483) |
| | HIGHLAND CREEK WWTP UPGRADES | - | - | - | (76) | (79) | - | - | - | - | - | | (155) |
| | HUMBER WWTP - LIQUID TREATMENT & HANDLING | (2,610) | (536) | (275) | (113) | (394) | (2,435) | (2,452) | (2,452) | (1,396) | (944) | | (13,607) |
| | HUMBER WWTP - ODOUR CONTROL | (384) | (311) | (119) | - | - | (37) | - | - | - | (37) | | (889) |
| | LAWRENCE ALLAN REVITALIZATION PLAN | - | - | - | - | - | - | - | - | - | - | | - |
| | NEW SEWER CONSTRUCTION | (11,126) | (8,200) | (5,246) | (3,940) | (4,556) | (3,202) | (527) | (536) | (523) | (510) | | (38,365) |
| | SEWAGE PUMPING STATION UPGRADES | (1,605) | (776) | (989) | (593) | (65) | (113) | (642) | (642) | (483) | (158) | | (6,066) |
| | SEWER ASSET PLANNING | (632) | (506) | (275) | (275) | (274) | (275) | (275) | (275) | (275) | (275) | | (3,334) |
| | SEWER REPLACEMENT PROGRAM | (807) | (1,087) | (931) | (1,063) | (1,029) | (833) | (833) | (833) | (833) | (833) | | (9,081) |
| | SEWER SYSTEM REHABILITATION | (513) | (138) | - | - | - | - | - | - | - | - | | (650) |
| | TRUNK SEWER SYSTEM | (3,345) | (4,125) | (4,760) | (23,386) | (30,033) | (33,413) | (39,997) | (17,825) | (16,234) | (15,960) | | (189,077) |
| | Total Withdrawals | (73,108) | (49,421) | (44,656) | (62,007) | (74,612) | (77,642) | (84,660) | (65,238) | (67,437) | (56,667) | (655,448) | |
| | Contribution: | | | | | | | | | | | | |
| | - Projected Contribution | 36,978 | 49,095 | 49,097 | 49,203 | 46,131 | 46,594 | 47,526 | 48,477 | 49,447 | 50,436 | | 472,984 |
| | - Other Program/Agency Net Withdrawals and Contribution | (512) | (512) | (512) | (512) | (512) | (512) | (512) | (512) | (512) | (512) | | (5,120) |
| | Total Contribution | 36,466 | 48,583 | 48,585 | 48,691 | 45,619 | 46,082 | 47,014 | 47,965 | 48,935 | 49,924 | 467,864 | |
| | Balance at Year-End | 32,651 | 31,813 | 35,741 | 22,426 | (6,567) | (38,128) | (75,774) | (93,046) | (111,549) | (118,292) | | |

* Based on the most recent estimates

| Reserve / Reserve Fund Name (In \$000s) | Project / Sub Project Name and Number | Contributions / (Withdrawals) | | | | | | | | | | Total | |
|--|---|-------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------|
| | | 2022 Budget | 2023 Plan | 2024 Plan | 2025 Plan | 2026 Plan | 2027 Plan | 2028 Plan | 2029 Plan | 2030 Plan | 2031 Plan | | |
| Stormwater Management Development Charges Reserve Fund XR2113 (in \$000s) | Beginning Balance | 52,830 | 46,147 | 41,371 | 37,184 | 33,396 | 28,836 | 24,785 | 21,021 | 17,561 | 14,430 | | |
| | Withdrawals | | | | | | | | | | | | |
| | EMERY CREEK POND | (8) | (32) | - | - | - | - | - | - | - | - | - | (40) |
| | Land Acquisition for Source Water Protect | - | (302) | (216) | (131) | (224) | (226) | (226) | (226) | (226) | (226) | | (2,003) |
| | LAWRENCE ALLAN REVITALIZATION PLAN | - | - | - | - | - | - | - | - | - | - | | - |
| | STREAM RESTORATION & EROSION CONTROL | (310) | (215) | (139) | (139) | (179) | (60) | (3) | - | - | - | | (1,046) |
| | SWM TRCA FUNDING | (609) | (397) | (407) | (415) | (425) | (436) | (446) | (456) | (456) | (456) | | (4,504) |
| | SWM END OF PIPE FACILITIES | (43) | (126) | (48) | (234) | (201) | (133) | (164) | (139) | (94) | (1,397) | | (2,579) |
| | WESTERN BEACHES RETROFIT | (320) | (1,233) | (805) | (252) | (3) | - | - | - | - | - | | (2,613) |
| | WET WEATHER FLOW MP | (661) | (386) | (300) | (375) | (379) | (184) | (188) | (180) | (184) | (188) | | (3,025) |
| | Total Withdrawals | (1,951) | (2,690) | (1,914) | (1,546) | (1,412) | (1,039) | (1,028) | (1,002) | (961) | (2,267) | (15,809) | |
| | Contribution: | | | | | | | | | | | | |
| | - Projected Contribution | 10,907 | 14,481 | 14,482 | 14,513 | 13,607 | 13,743 | 14,018 | 14,298 | 14,584 | 14,876 | | 139,509 |
| | - TW Operating | (195) | (195) | (195) | (195) | (195) | (195) | (195) | (195) | (195) | (195) | | (1,950) |
| | - Other Program/Agency Net Withdrawals and Contribution | (15,444) | (16,372) | (16,560) | (16,560) | (16,560) | (16,560) | (16,560) | (16,560) | (16,560) | (16,560) | | (164,296) |
| | Total Contribution | (4,732) | (2,086) | (2,273) | (2,242) | (3,148) | (3,012) | (2,737) | (2,457) | (2,171) | (1,879) | (26,737) | |
| | Balance at Year-End | 46,147 | 41,371 | 37,184 | 33,396 | 28,836 | 24,785 | 21,021 | 17,561 | 14,430 | 10,284 | | |

* Based on the most recent estimates

Appendix 11

Glossary

Approved Position: Permanent or temporary positions that support the delivery of City services and service levels as approved by Council.

Actuals: An actual financial amount paid (or received) for the delivery of City services (these exclude any commitments to be paid in the future).

Capacity to Spend: Ability to spend money along with the capacity to deliver projects as demonstrated by historic spending patterns and approved contractual obligations.

Capital Budget: A Capital Budget is the City's plan to acquire / build assets or extend the useful life of existing assets; an example of a capital expenditure is the construction of a new community centre.

Capital Needs Constraints: The capital needs that cannot be accommodated within the capital plan that the Division or Agency have the capacity to deliver.

Complement: Positions that support the delivery of City services and service levels as approved by Council.

Efficiencies: Reductions in the cost of delivering a service without a reduction in service level.

New / Enhanced: New and enhanced service changes resulting in an increase in service levels from what was previously approved by Council.

Operating Budget: An Operating Budget is the City's annual plan to provide services to the residents of Toronto; the budget includes all revenues and expenses needed to provided services; an example of an operating cost would be the cost to run the TTC subways.

Operating Impact of Completed Capital Projects: The additional expense (or savings) and positions needed to operate or maintain a new asset; an example would be the additional expense and staff needed to operate a recently completed community centre.

Rate Supported Budget: Budget fully funded by user fees such as Solid Waste, Toronto Water and Toronto Parking Authority

State of Good Repair (SOGR): The cost of maintaining assets to ensure they are able to support the delivery of City services and meet service outcomes

Tax Supported Budget: Budget funded by property taxes.

User Fees: Program generated fee and rental revenue for the use of its services (such as the TTC fare, ice rental fees and various City permits).