



Toronto 2016 BUDGET

CAPITAL BUDGET NOTES



Toronto and Region Conservation Authority (TRCA)

2016 – 2025 CAPITAL BUDGET AND PLAN OVERVIEW

TRCA has stewardship of assets which are comprised of land, land improvements, buildings, infrastructure and capital work-in-progress in the Don, Rouge, Highland, Etobicoke-Mimico and Humber watersheds, as well as along the waterfront.

Approximately \$175.529 million or 99.3% of funding included in the 10-Year Capital Plan is allocated to State of Good Repair projects which provide funding for major maintenance of existing waterfront erosion control structures, environmental rehabilitation, watershed monitoring and management, facilities retrofit, and damage caused by high intensity and localized storms.

The 10-Year Capital Plan also allocates \$1.200 million or 0.07% of total funding for service improvement projects for the Waterfront Planning.

Highlights

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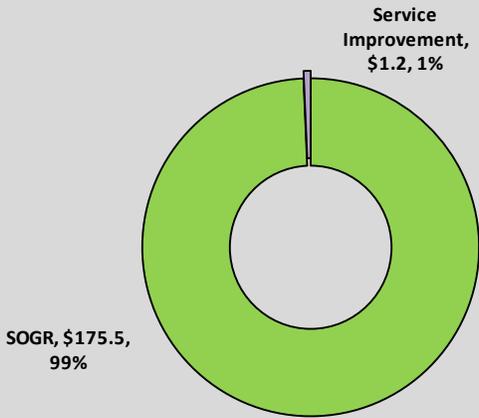
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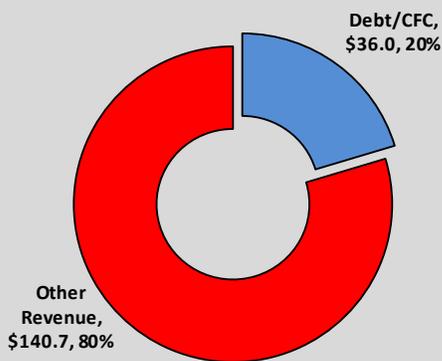
Capital Spending and Financing

2016-2025 Capital Budget and Plan by Expenditures Category



\$176.729 Million

2016-2025 Capital Budget and Plan by Funding Source



\$176.729 Million

Where does the money go?

The 2016–2025 Capital Budget and Plan totalling \$176.729 million provides funding for these major areas:

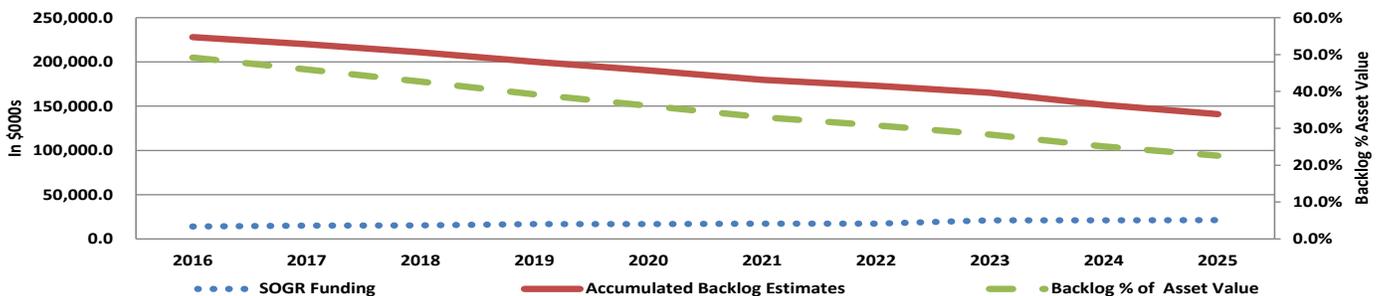
- Major maintenance of existing waterfront erosion control structures;
- Environmental rehabilitation
- Watershed monitoring and management;
- Facilities retrofit; and
- Damage caused by high intensity and localized storms.

Where does the money come from?

- New debt funding of \$36.000 million comprises 20% of TRCA's 10-year capital funding which is in line with the debt affordability guideline in each year of the 10-year planning period.
- \$140.729 million or 80% of the 10-Year Capital Plan fund \$46.729 million in Toronto Water contribution to partially fund TRCA projects related to water quality and quantity and supplementary Toronto Water funding of \$94.000 million for projects that will address critical erosion issues.

State of Good Repair Backlog

The 10-Year Capital Plan includes cash flow funding of \$175.529 million for State of Good Repair to address the backlog. The SOGR backlog as a % of asset replacement value will decrease from 49.2% in 2016 to 22.6% in 2025.



Key Issues & Priority Actions

State of Good Repair Backlog - TRCA's State of Good Repair backlog remains high due to increasing issues related to erosion and damage from high intensity, localized storms, as well as growing costs of construction and maintenance.

- ✓ The 10-Year Capital Plan provides \$175.529 million for such State of Good Repair projects as Waterfront & Valley Erosion Control, Waterfront Development and Critical Erosion Control & Floodworks.



Priority Restoration / Rejuvenation Projects - Continued development and urbanization of the Toronto region will continue to compromise natural features, communities, and processes. As climate change continues to progress, the number of sites requiring restoration and/or regeneration is anticipated to increase.

- ✓ Critical Erosion / Floodworks and Waterfront & Valley Erosion Control [projects total \$115.9 million or 66% of the TRCA 10-Year Capital Plan.

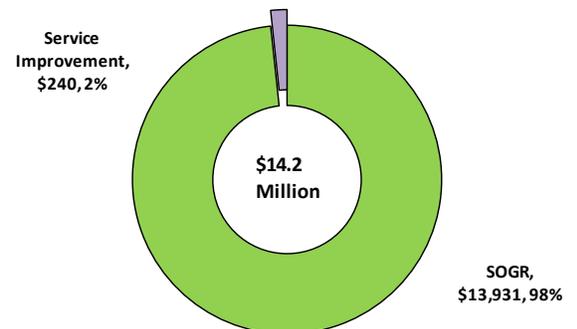


2016 Capital Budget Highlights

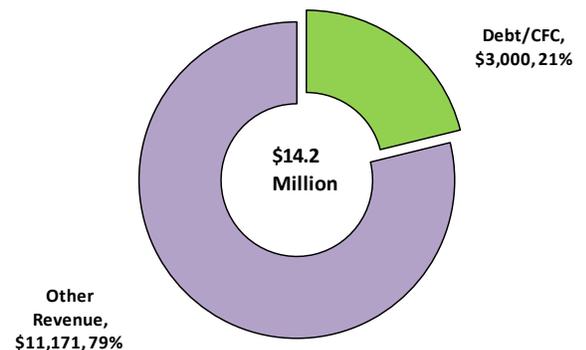
The 2016 Capital Budget for TRCA of \$14.171 million will provide funding to continue the following major projects:

- Critical Erosion & Floodworks (\$7 million): funding to address critical erosion control needs and damage caused by various storms.
- Living City Action Plan & Greenspace Acquisition (\$2.776 million): funding for monitoring and re-naturalization of watercourses, water quality and habitat improvements.
- Waterfront & Valley Erosion Control (\$1.550 million): funding for valley and shoreline erosion protection initiatives.
- Waterfront Development (\$1.233 million): funding for site preparation and monitoring at various waterfront sites.
- Black Creek Village Retrofit (\$0.350 million): funding to address the backlog of restoration and major maintenance.
- TRCA Administrative Infrastructure and Information Technology Improvements (\$0.922 million): funding for new administrative offices and to upgrade and replace TRCA's information systems.

2016 Capital Budget by Project Category



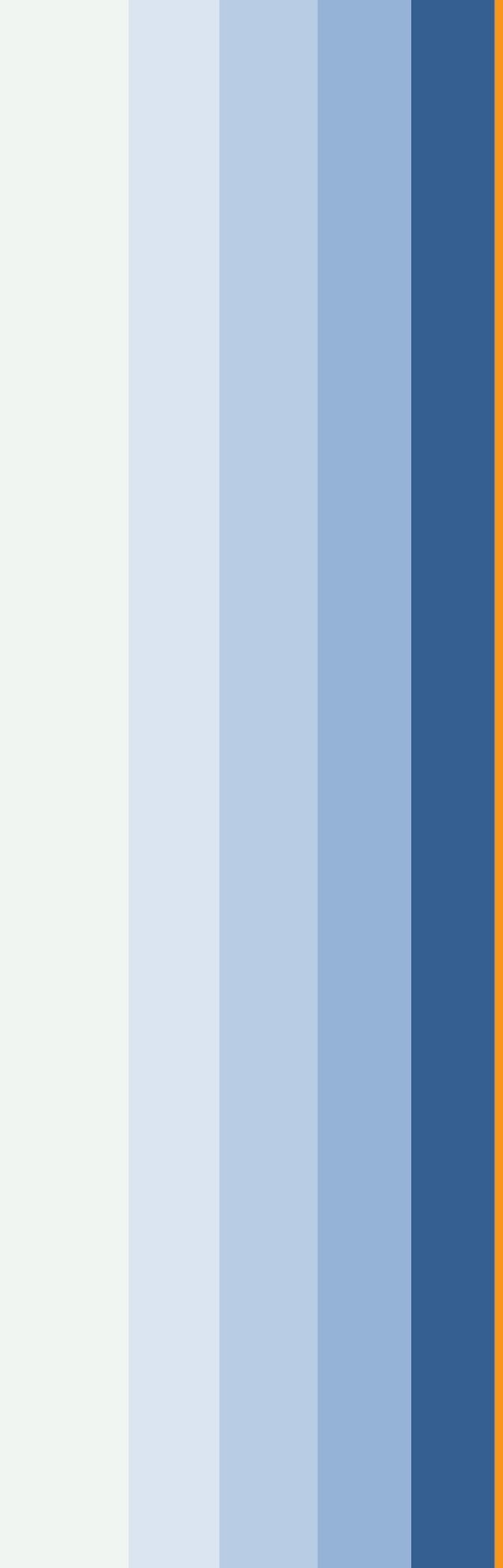
2016 Capital Budget by Funding Source



Actions for Consideration

Approval of the 2106 Preliminary Budget as presented in these notes requires that:

1. City Council approve the 2016 Capital Budget for Toronto and Region Conservation Authority with a total project cost and 2016 cash flow of \$14.171 million.
2. City Council approve the 2017-2025 Capital Plan for Toronto and Region Conservation Authority totalling \$162.558 million in project estimates, comprised of \$15.275 million for 2017; \$15.382 million for 2018; \$16.992 million for 2019; \$17.104 million for 2020; \$17.219 million for 2021; \$17.337 million for 2022; \$20.958 million for 2023; \$21.082 million in 2024; and \$21.209 million in 2025
3. City Council request that the General Manager of Toronto Water and the Chief Executive Officer of TRCA, in consultation with Financial Planning Division, work more closely together on the selection of priorities for erosion control and source water protection projects in the City of Toronto, in light of the additional City investment for these initiatives.
4. City Council request that the Chief Executive Officer of the Toronto and Region Conservation, in consultation with the General Managers of Parks, Forestry & Recreation, Toronto Water, and Transportation Services work together to develop the business cases for the unfunded priority projects consistent with the City of Toronto's Capital Budget Instructions and Guidelines for consideration in the 2017-2026 Capital Plan.
5. City Council request the Chief Executive Officer of the Toronto and Region Conservation Authority to provide Capital Budget Quarterly Variance reporting by project in accordance with City requirements.
6. City Council request that, once the Environmental Assessment for the Scarborough Waterfront Access Plan is received, the Chief Executive Officer of the Toronto and Region Conservation Authority, and the Chief Financial Officer with input from the General Managers of Toronto Water, Transportation Services and Parks, Forestry and Recreation review the elements and requirements according to funding eligibility prior to the 2017 Budget cycle.
7. City Council request the Chief Executive Officer of the Toronto and Region Conservation Authority to report back on a potential Capital Master Plan as part of the 2018 Budget Cycle to assist with the development of a long range funding strategy to address watershed priority projects.

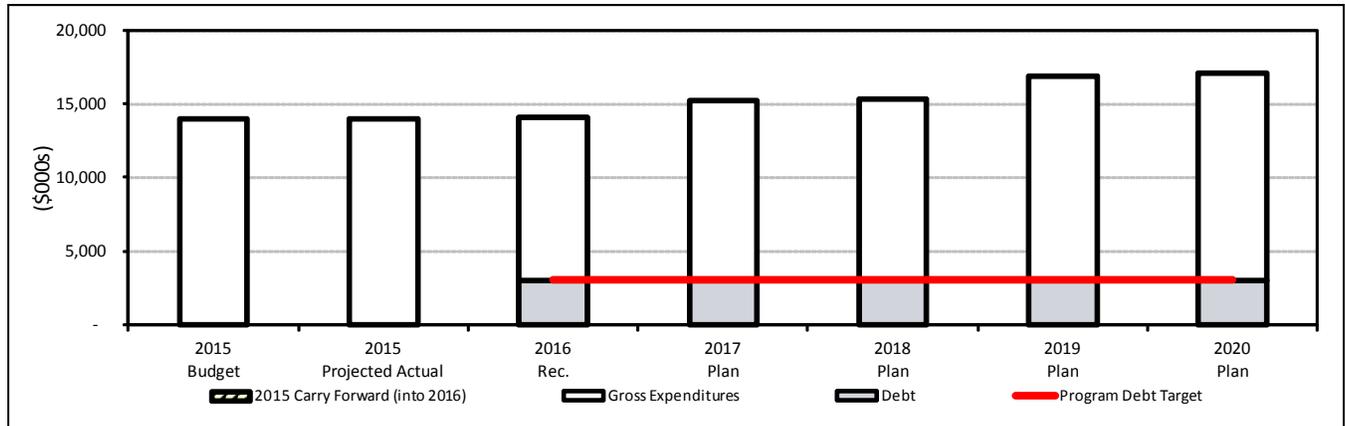


Part I:

10-Year Capital Plan

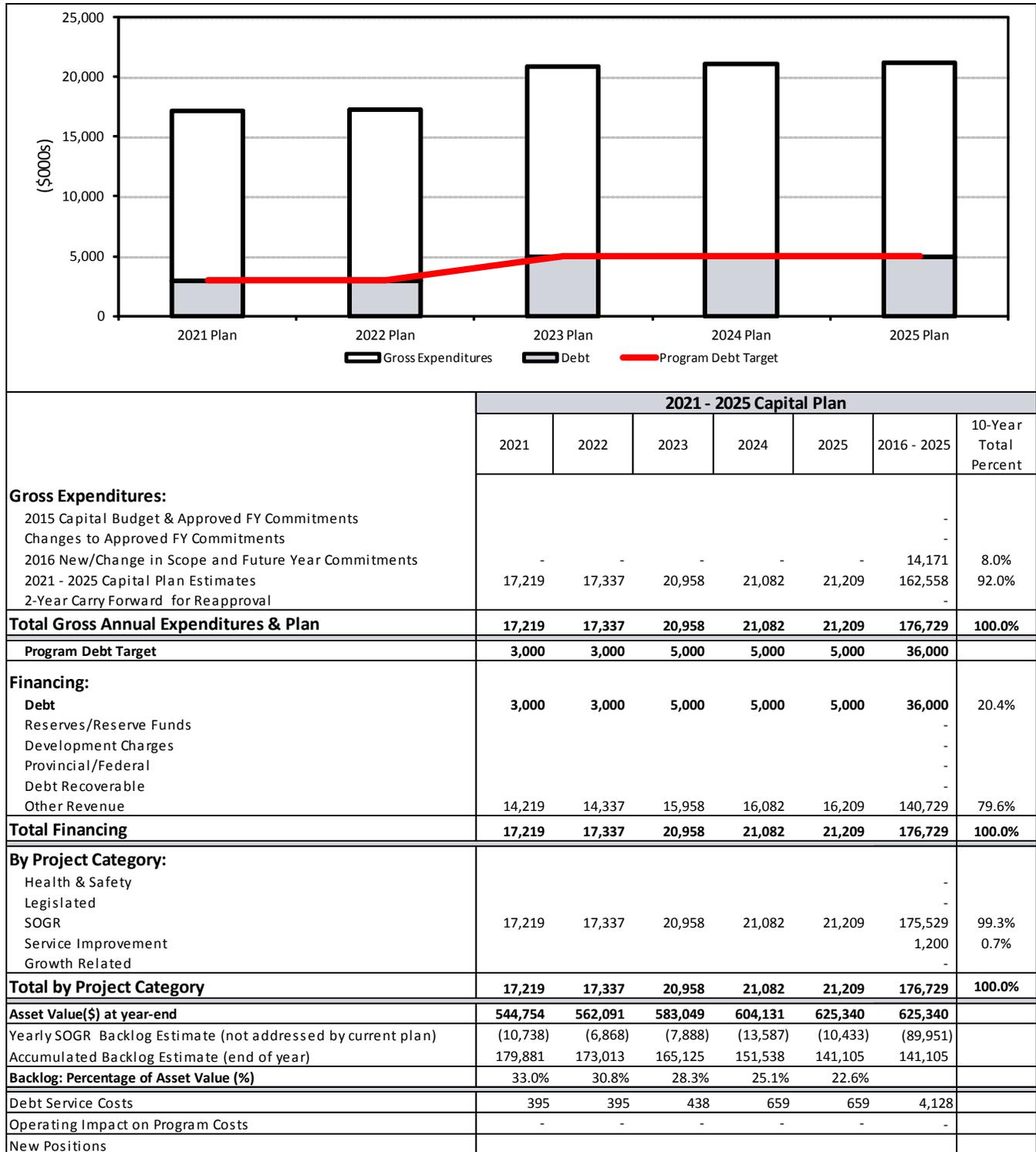
10 Year Capital Plan

Table 1a
2016 Preliminary Budget, 2017-2020 Preliminary Capital Plan



| | | 2016 Capital Budget and 2017 - 2020 Capital Plan | | | | | | | | | |
|--|--|--|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------------|--|
| | | 2015 | | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 - 2020 | 5-Year Total Percent | |
| | | Budget | Projected Actual | | | | | | | | |
| Gross Expenditures: | | | | | | | | | | | |
| 2015 Capital Budget & Approved FY Commitments | | 14,069 | 14,069 | | | | | | | | |
| Changes to Approved FY Commitments | | | | | | | | | | | |
| 2016 New/Change in Scope and Future Year Commitments | | | | 14,171 | | | | 14,171 | 18.0% | | |
| 2017 - 2020 Capital Plan Estimates | | | | | 15,275 | 15,382 | 16,992 | 17,104 | 64,753 | 82.0% | |
| 2-Year Carry Forward for Reapproval | | | | | | | | | | - | |
| 1-Year Carry Forward to 2016 | | | | | | | | | | | |
| Total Gross Annual Expenditures & Plan | | 14,069 | 289,690 | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 78,924 | 100.0% | |
| Program Debt Target | | | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 15,000 | | |
| Financing: | | | | | | | | | | | |
| Debt | | | | 3,000 | 3,000 | 3,000 | 3,000 | 3,000 | 15,000 | 19.0% | |
| Reserves/Reserve Funds | | | | | | | | | | | |
| Development Charges | | | | | | | | | | | |
| Provincial/Federal | | | | | | | | | | | |
| Debt Recoverable | | | | | | | | | | | |
| Other Revenue | | | | 11,171 | 12,275 | 12,382 | 13,992 | 14,104 | 63,924 | 81.0% | |
| Total Financing | | - | | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 78,924 | 100.0% | |
| By Project Category: | | | | | | | | | | | |
| Health & Safety | | | | | | | | | | | |
| Legislated | | | | | | | | | | | |
| SOGR | | | | 13,931 | 15,035 | 15,142 | 16,752 | 16,864 | 77,724 | 98.5% | |
| Service Improvement | | | | 240 | 240 | 240 | 240 | 240 | 1,200 | 1.5% | |
| Growth Related | | | | | | | | | | | |
| Total by Project Category | | | | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 78,924 | 100.0% | |
| Asset Value (\$) at year-end | | 449,811 | | 463,742 | 478,777 | 493,919 | 510,671 | 527,535 | 527,535 | | |
| Yearly SOGR Backlog Estimate (not addressed by current plan) | | | | (2,941) | (8,082) | (9,138) | (10,738) | (9,538) | (40,437) | | |
| Accumulated Backlog Estimate (end of year) | | 231,056 | | 228,115 | 220,033 | 210,895 | 200,157 | 190,619 | 190,619 | | |
| Backlog: Percentage of Asset Value (%) | | 51.4% | | 49.2% | 46.0% | 42.7% | 39.2% | 36.1% | | | |
| Debt Service Costs | | | | 40 | 364 | 388 | 395 | 395 | 1,582 | | |
| Operating Impact on Program Costs | | | | - | - | - | - | - | - | | |
| New Positions | | | | | | | | | | | |

Table 1b
2021 - 2025 Preliminary Capital Plan

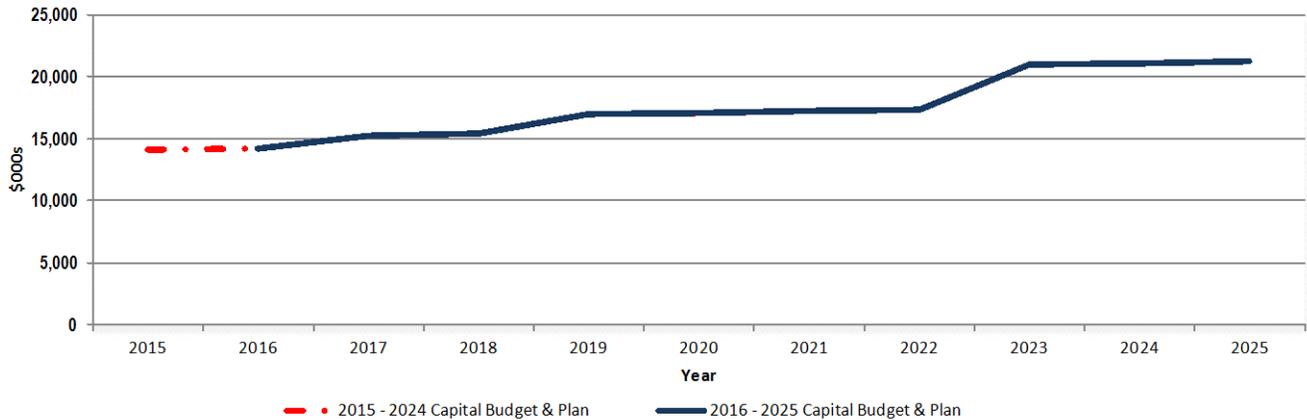


Key Changes to the 2015 - 2024 Approved Capital Plan

The 2016 Capital Budget and the 2017 - 2025 Capital Plan reflects an increase of \$7.138 million in capital funding from the 2015 - 2024 Approved Capital Plan.

The table and chart below provide a breakdown of the \$7.138 million or 4.2% increase in the Capital Program on an annual basis from 2015 to 2025.

Chart 1
Changes to the 2015 -2024 Approved Capital Plan (In \$000s)



| (\$000s) | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 10-Year Total |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|
| 2015 - 2024 Capital Budget & Plan | 14,069 | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 17,219 | 17,337 | 20,958 | 21,084 | | 169,591 |
| 2016 - 2025 Capital Budget & Plan | | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 17,219 | 17,337 | 20,958 | 21,082 | 21,209 | 176,729 |
| Change % | | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | (0.0%) | | 4.2% |
| Change \$ | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | (2) | | 7,138 |

As made evident in the chart above, the \$7.138 million increase in the Capital Program reflects the fact that 2025 includes supplementary Toronto Water funding that was added last year for Critical Erosion Control and Floodworks capital project.

As reflected in Table 2 below, changes to the 2015 – 2024 Approved Capital Plan, specifically the \$0.002 million decrease in capital funding over the nine common years of the Capital Plans (2016 – 2024) arise from a small adjustment for the Living City Action Plan capital project in 2024.

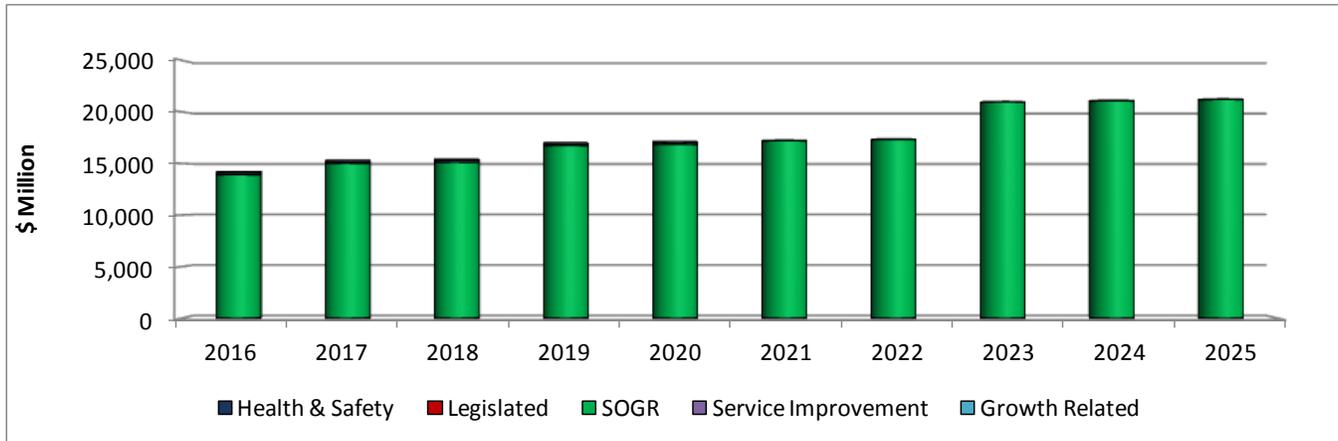
Table 2
Summary of Project Changes (In \$000s)

| \$000s | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2016 - 2024 Total |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|
| 2015 - 2024 Capital Budget & Plan | 14,069 | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 17,219 | 17,337 | 20,958 | 21,084 | | 155,522 |
| 2016 - 2025 Capital Budget & Plan | | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 17,219 | 17,337 | 20,958 | 21,082 | 21,209 | 155,520 |
| Capital Budget & Plan Changes (2015 - 2023) | | - | - | - | - | - | - | - | - | (2) | | (2) |

| | Total Project Cost | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2016 - 2024 | 2025 | Revised Total Project Cost |
|----------------------------|--------------------|------|------|------|------|------|------|------|------|------|-------------|--------|----------------------------|
| <i>Previously Approved</i> | | | | | | | | | | | | | |
| Living City Action Plan | 32,779 | - | - | - | - | - | - | - | - | (2) | (2) | 3,814 | 36,591 |
| Total Previously Approved | 176,729 | - | - | - | - | - | - | - | - | (2) | (2) | 21,209 | 197,936 |
| Total Changes | | - | - | - | - | - | - | - | - | (2) | (2) | 21,209 | |

2016 – 2025 Preliminary Capital Plan

Chart 2
2016 – 2025 Capital Plan by Project Category (In \$000s)



As illustrated in the chart above, the 10-Year Capital Plan for TRCA of \$176.729 million provides 99.3% funding for State of Good Repair (SOGR) projects and 0.7% for Service Improvement projects.

- State of Good Repair projects total \$175.529 million and provide funding for major maintenance of existing waterfront erosion control structures, environmental rehabilitation, watershed monitoring and management, facilities retrofit and damage caused by high intensity and localized storms.
- Service Improvement funding provides \$1.600 million for such waterfront development initiatives as Tommy Thompson Park.

The following table details projects, by category, included in the 2016 – 2025 Capital Budget and Plan for TRCA:

Table 3
Summary of Capital Plan by Project Category (In \$000s)

| | Total App'd Cash Flows to Date* | 2016 Budget | 2017 Plan | 2018 Plan | 2019 Plan | 2020 Plan | 2021 Plan | 2022 Plan | 2023 Plan | 2024 Plan | 2025 Plan | 2016 - 2025 Total | Rec'd Total Project Cost |
|---|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------|--------------------------|
| Total Expenditures by Category | | | | | | | | | | | | | |
| State of Good Repair | | | | | | | | | | | | | |
| <i>Greenspace Land Acquisition</i> | N/A | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1,000 | N/A |
| <i>Waterfront & Valley Erosion Control</i> | N/A | 1,550 | 1,550 | 1,600 | 1,600 | 1,600 | 1,600 | 1,600 | 3,600 | 3,600 | 3,600 | 21,900 | N/A |
| <i>Black Creek Pioneer Village Retrofit</i> | N/A | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 3,500 | N/A |
| <i>Living City Action Plan</i> | N/A | 2,776 | 2,880 | 2,987 | 3,097 | 3,209 | 3,324 | 3,442 | 3,563 | 3,687 | 3,814 | 32,779 | N/A |
| <i>Waterfront Development</i> | N/A | 1,233 | 1,233 | 1,183 | 1,183 | 1,183 | 1,423 | 1,423 | 1,423 | 1,423 | 1,423 | 13,130 | N/A |
| <i>TRCA Information Technology</i> | N/A | 264 | 264 | 264 | 264 | 264 | 264 | 264 | 264 | 264 | 264 | 2,640 | N/A |
| <i>Critical Erosion Control & Floodworks Needs</i> | N/A | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 20,000 | N/A |
| <i>TRCA Administrative Infrastructure Project</i> | N/A | 658 | 658 | 658 | 658 | 658 | 658 | 658 | 658 | 658 | 658 | 6,580 | N/A |
| <i>Critical Erosion - Water Funded Enhancements</i> | N/A | 5,000 | 6,000 | 6,000 | 7,500 | 7,500 | 7,500 | 7,500 | 9,000 | 9,000 | 9,000 | 74,000 | N/A |
| Sub-Total | | 13,931 | 15,035 | 15,142 | 16,752 | 16,864 | 17,219 | 17,337 | 20,958 | 21,082 | 21,209 | 175,529 | - |
| Service Improvements | | | | | | | | | | | | | |
| <i>Waterfront Development- Tommy Thompson Park</i> | N/A | 240 | 240 | 240 | 240 | 240 | | | | | | 1,200 | N/A |
| Sub-Total | | 240 | 240 | 240 | 240 | 240 | | | | | | 1,200 | - |
| Total Expenditures by Category (excluding carry forward) | | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 17,219 | 17,337 | 20,958 | 21,082 | 21,209 | 176,729 | - |

*Life to Date approved cash flows are provided for multi-year capital projects with cash flow approvals prior to 2016, excluding ongoing capital projects (i.e. Civic Improvement projects)

2016 – 2025 Capital Projects

The 10-Year Capital Plan supports TRCA's objectives of Creating a Living City which encompasses flood protection, erosion control, waterfront regeneration, acquisition of environmentally significant properties and environmental rehabilitation.

State of Good Repair (SOGR)

- SOGR projects account for \$175.529 million or 99.3% of the total 10-Year Capital Plan and include the following major initiatives.
 - *Greenspace Land Acquisition* (\$1.000 million): The project provides funding for acquisition of small, environmentally significant land parcels within the watershed of the City; as well as fund surveys, appraisals and staff work on lands acquired through the development process, routine easements and right of way.
 - *Waterfront and Valley Erosion Control* (\$21.900 million): The project funds the for annual inspection of known erosion hazard sites, as well as valley and shoreline erosion protection initiatives at a number of sites within Toronto, including Lake Ontario shorelines, which pose risk to residential dwellings, commercial and industrial buildings, public greenspace and infrastructure.
 - *Black Creek Pioneer Village* (\$3.500 million): The project provides funding to addressing urgent aging infrastructure and accessibility issues at the Black Creek Pioneer Village and carrying out patio repairs and gallery improvements at the Visitors' Centre.
 - *Living City Action Plan* (\$32.779 million): The project funds monitoring and re-naturalization of watercourses, water quality and habitat improvements at sites in the Don, Rouge, Highland, Etobicoke, Mimico and Humber watersheds. This project also funds channel maintenance, flood control works and watershed plans, and Canada Goose Management and Migratory Bird Corridor Programs.
 - *Waterfront Development* (\$13.130 million): The project provides funding for site planning, preparation and monitoring at various waterfront sites including Tommy Thompson Park, as well as dredging of the Keating channel and Ashbridges Bay.
 - *Critical Erosion Control and Floodworks Needs* (\$20.000 million): The project provides funding of to acquire or implement erosion control works to protect a number of properties that were deemed at risk through detailed geotechnical investigations, to carry out flood control channel maintenance work at the Yonge-York Mills Channel, Black Creek Channel as well as Sheppard and Malvern Channels; and to address damage to city-wide private and public property caused by various storms.
 - *TRCA Infrastructure Technology* (\$2.640 million): The project fund upgrades and replacement of TRCA's servers and network devices and operating systems to ensure adequate capacity and integration of databases and other tools to enhance service delivery, as well as upgrade the existing phone system.
 - *Critical Erosion and Floodworks – Water Funded Enhancements* (\$74.000 million): The project provides funding of for remedial erosion control work for the Gibraltar Point and six weirs located on the Humber River, protection of property and existing infrastructure against the hazards of river erosion and slope instability; as well as erosion control and floodwork identified through annual inspections.

Service Improvements

- Service Improvement projects account for \$1.200 million or 0.7% of the total 10-year funding and are entirely allocated to the waterfront parkland development at Tommy Thompson Park.

2016 Capital Budget and Future Year Commitments

Included as a sub-set of the 10-Year Capital Plan is the 2016 Budget and Future Year Commitments, that consists of 2016 and future year cash flows for projects previously approved by Council; adjustments (Scope Change) to those previously approved projects; as well as new projects that collectively require Council approval to begin, continue or complete capital work.

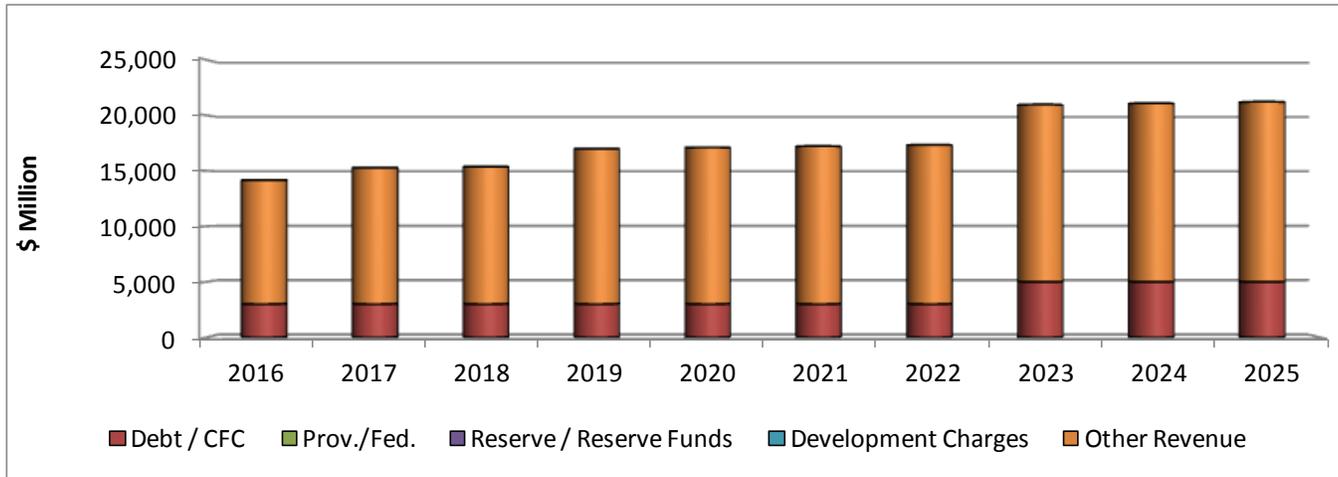
- Table 3a below lists the 2016 Cash Flows for TRCA. There are no future year commitments.

Table 3a
2016 Cash Flow & Future Year Commitments (In \$000s)

| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | Total 2016 Cash Flow & FY Commits |
|--|---------------|------|------|------|------|------|------|------|------|------|-----------------------------------|
| Expenditures: | | | | | | | | | | | |
| New w/Future Year | | | | | | | | | | | |
| Greenspace Land Acquisition | 100 | | | | | | | | | | 100 |
| Waterfront & Valley Erosion Control | 1,550 | | | | | | | | | | 1,550 |
| Black Creek Pioneer Village Retrofit | 350 | | | | | | | | | | 350 |
| Living City Action Plan | 2,776 | | | | | | | | | | 2,776 |
| Waterfront Development | 1,233 | | | | | | | | | | 1,233 |
| TRCA Information Technology | 264 | | | | | | | | | | 264 |
| Critical Erosion Control & Floodworks Needs | 2,000 | | | | | | | | | | 2,000 |
| TRCA Administrative Infrastructure Project | 658 | | | | | | | | | | 658 |
| Critical Erosion - Water Funded Enhancements | 5,000 | | | | | | | | | | 5,000 |
| Waterfront Development- Tommy Thompson Park | 240 | | | | | | | | | | 240 |
| Subtotal | 14,171 | - | - | - | - | - | - | - | - | - | 14,171 |
| Total Expenditure | 14,171 | - | - | - | - | - | - | - | - | - | 14,171 |
| Financing: | | | | | | | | | | | |
| Debt/CFC | 3,000 | | | | | | | | | | 3,000 |
| Debt Recoverable | | | | | | | | | | | |
| Other | 11,171 | | | | | | | | | | 11,171 |
| Reserves/Res Funds | | | | | | | | | | | |
| Development Charges | | | | | | | | | | | |
| Provincial/Federal | | | | | | | | | | | |
| Total Financing | 14,171 | - | - | - | - | - | - | - | - | - | 14,171 |

Approval of the 2016 Capital Budget will require funding of \$14.171 million for such new projects Waterfront & Valley Erosion Control, Living City Action Plan, Waterfront Development, Critical Erosion Control & Floodworks Needs and Critical Erosion – Water Funded Enhancements.

Chart 3
2016 – 2025 Capital Plan by Funding Source (In \$000s)

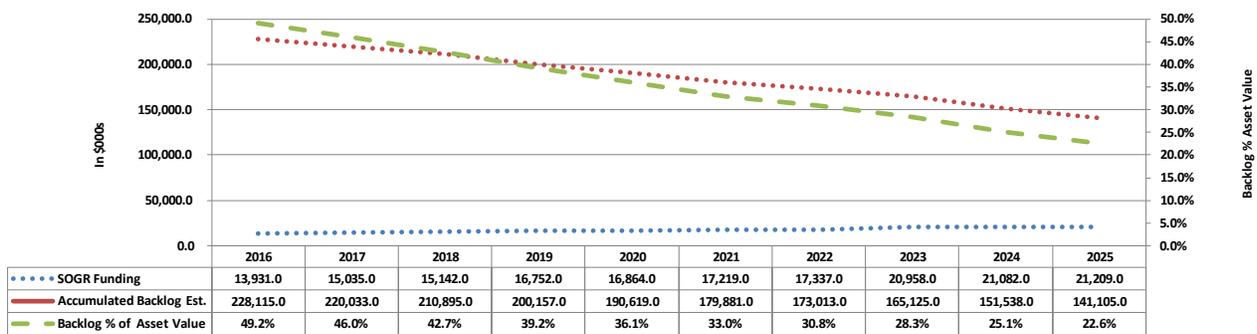


The 10-Year Capital Plan of \$176.729 million cash flow funding will be financed by the following sources:

- Debt, which accounts for \$36.000 million or 20% of the financing over the 10-year period and is in line with the debt affordability guideline in each year of the 10-year planning period.
- Toronto Water rate funding, which accounts for \$140.729 million or 80% of the financing over the 10-year period.

State of Good Repair (SOGR) Backlog

Chart 4
SOGR Funding & Backlog (In \$000s)



The 10-Year Capital Plan dedicates \$175.529 million to SOGR spending over 10-Year Capital Plan, which on average is \$17.553 million annually.

- TRCA's infrastructure consists of land, land improvements, buildings, infrastructure and capital work-in-progress in its overall watershed areas.

- TRCA faces many of the same pressures as City Programs and Agencies in dealing with aging infrastructure, the failure of which may create threats to safety of people and property. With over 400 valley and waterfront erosion control structures in the City of Toronto that must be monitored and repaired on a regular basis, TRCA has continually reallocated funds from other critical erosion projects for maintenance and monitoring requirements.
- In recent years, issues related to erosion and damage from high intensity, localized storms have increased. This has added to outstanding state of good repair work and potential safety issues. The addition of supplementary Toronto Water contributions, specifically for erosion control works, has begun to address these issues.
- At the end of 2015, TRCA will have a backlog of a state of good repair work estimated at \$231.056 million, representing 51.4% of the asset value estimated at \$449.811 million.
- The SOGR backlog estimate includes maintenance of natural environment through activities such as erosion control and source water protection; as well as the restoration of facilities such as the Black Creek Pioneer Village and TRCA's Head office building.
- State of Good Repair funding included in the 10-Year Capital Plan will reduce SOGR backlog to \$141.105 million or 22.6% of the asset replacement value in 2025.
- The state of good repair backlog by asset category is presented in the table below:

Table 4
SOGR Backlog by Asset Category (In \$000s)

| Total | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| State of Good Repair Funding | 13,931 | 15,035 | 15,142 | 16,752 | 16,864 | 17,219 | 17,337 | 20,958 | 21,082 | 21,209 |
| Accumulated Backlog Est. (yr end) | 228,115 | 220,033 | 210,895 | 200,157 | 190,619 | 179,881 | 173,013 | 165,125 | 151,538 | 141,105 |
| Backlog %Asset Value | 49.2% | 46.0% | 42.7% | 39.2% | 36.1% | 33.0% | 30.8% | 28.3% | 25.1% | 22.6% |
| Asset Value | 463,742 | 478,777 | 493,919 | 510,671 | 527,535 | 544,754 | 562,091 | 583,049 | 604,131 | 625,340 |
| Watershed | | | | | | | | | | |
| State of Good Repair Funding | 13,828 | 14,941 | 15,092 | 16,702 | 16,814 | 17,169 | 17,287 | 20,908 | 21,032 | 21,159 |
| Accumulated Backlog Est. (yr end) | 225,671 | 217,683 | 208,595 | 197,907 | 188,419 | 177,731 | 170,913 | 163,075 | 149,538 | 139,155 |
| Backlog %Asset Value | 54.4% | 50.6% | 46.9% | 42.9% | 39.4% | 35.9% | 33.3% | 30.6% | 27.0% | 24.2% |
| Asset Value | 414,854 | 429,795 | 444,887 | 461,589 | 478,403 | 495,572 | 512,859 | 533,767 | 554,799 | 575,958 |
| Infrastructure | | | | | | | | | | |
| State of Good Repair Funding | 103 | 94 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Accumulated Backlog Est. (yr end) | 2,444 | 2,350 | 2,300 | 2,250 | 2,200 | 2,150 | 2,100 | 2,050 | 2,000 | 1,950 |
| Backlog %Asset Value | 5.0% | 4.8% | 4.7% | 4.6% | 4.5% | 4.4% | 4.3% | 4.2% | 4.1% | 3.9% |
| Asset Value | 48,888 | 48,982 | 49,032 | 49,082 | 49,132 | 49,182 | 49,232 | 49,282 | 49,332 | 49,382 |

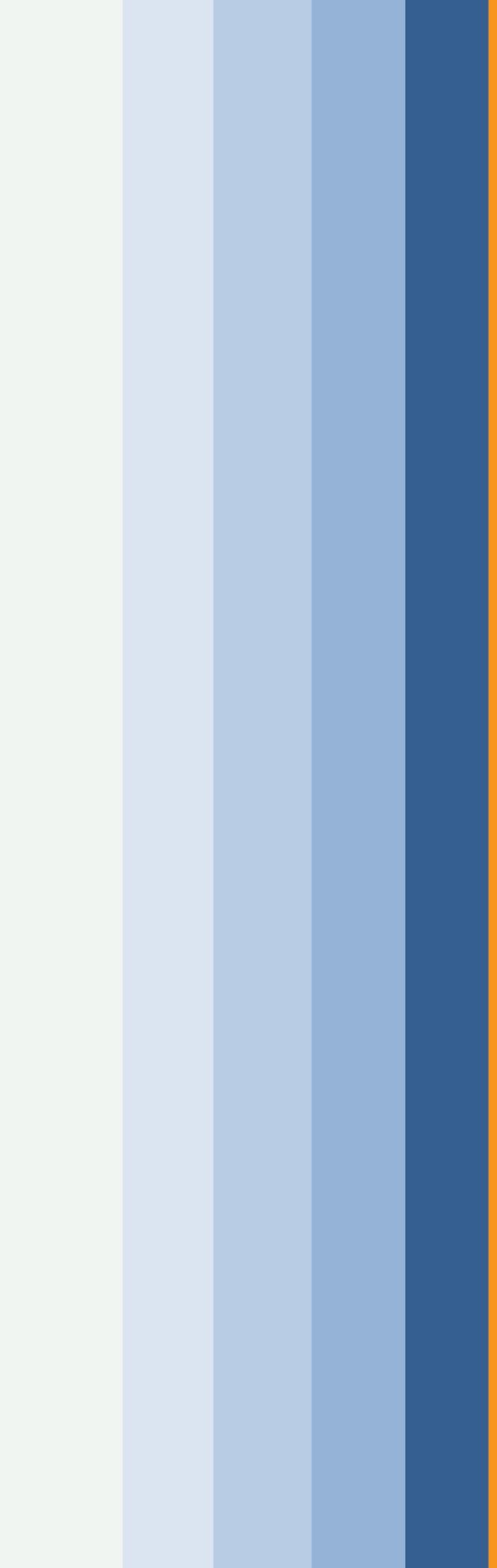
- In 2016, the accumulated state of good repair backlog for watershed assets will be \$225.671 million or 54.4% of their replacement value; and infrastructure related accumulated state of good repair backlog will be valued at \$2.444 million or 5.0% of their replacement value.

10-Year Capital Plan: Net Operating Budget Impact

TRCA typically absorbs the operating impact of its completed capital projects, except in cases where it transfers an asset arising from a completed project to the City to manage it on an ongoing basis. For example, upon completion of TRCA's capital work on ravine parkland, TRCA transfers over the operation of the park to Parks, Forestry and Recreation (PF&R) under the existing agreement between

TRCA and the City. This increased operational responsibility would impact the Operating Budget of Parks, Forestry and Recreation.

No such operating impacts have been identified for 2016. TRCA staff will work closely with PF&R staff to ensure that future year budget submissions identify any operating impacts.



Part II:

Issues for Discussion

Issues for Discussion

Issues Impacting the 2016 Capital Budget

Review of the Capital Plan

- At its meeting on March 10 and 11, 2015, EX3.4 2015 Capital & Operating Budgets, City Council recommended that the Deputy City Manager & Chief Financial Officer commence a detailed review of the City's 2016 – 2025 capital requirements as part of the City's 2016 Capital Budget process to ensure that debt affordability targets continue to be maintained, and report the results to Budget Committee early in the 2016 Budget process.

<http://www.toronto.ca/legdocs/mmis/2015/ex/bgrd/backgroundfile-77305.pdf>

- The 2016-2025 Preliminary Capital Plan provides funding to continue State of Good Repair projects previously approved by Council.
- TRCA projects were reviewed to ensure compliance with budget policies, Council directions and guidelines, strategic plans and affordability targets.
- The TRCA has no major capital projects included in the Capital Plan that meet the Auditor General's requirements for separate capital reporting.
- The TRCA is currently completing the Environmental Assessment for the Scarborough Waterfront Access Plan. If approved, this project will be included in the City's list of Major Capital Projects.

Erosion Control

At its meeting on March 10 and 11, 2015, EX3.4 2015 Capital & Operating Budgets, City Council adopted the following recommendation:

118. City Council request the General Manager, Toronto Water and the Chief Executive Officer, Toronto and Region Conservation Authority, in consultation with the Director, Financial Planning, to work more closely together on the selection of priorities for erosion control and source water protection projects in the City of Toronto, in light of the additional City investment for these initiatives.

- In 2015, TRCA identified additional critical erosion and flood protection projects across the City to protect against on-going land erosion and flagged additional funding requirements to Toronto Water. As a result, additional critical erosion funding of \$65.000 million, funded from Toronto Water, was approved in TRCA's Approved Capital Budget and 2016-2024 Capital Plan.
- This significant investment is dedicated to providing long-term protection for the Gibraltar Point Sector of the Toronto Islands, carrying out erosion control works on the six weirs (flow control structure) located on the Humber River, conducting erosion control work to supplement TRCA's ongoing Waterfront Major Maintenance program and additional erosion control and flood work identified through annual inspections.

- In 2015, Toronto Water and TRCA have been refining the criteria and processes for the selection of erosion and control and source protection projects. With the favourable weather conditions of 2015 (fewer large rain events), few new erosion control projects have been identified and the focus remains on reducing the backlog of works identified following the July 8, 2013 storm event. Priority activities, arising from the July 8, 2013 storm event, include the following:
 - pre-planning of critical erosion control and flood works projects, such as the development of work plans and preliminary budgets;
 - ongoing inspections to update priorities for repairs and remedial works;
 - minor and interim maintenance, such as installing hazard fencing, installing temporary armouring along creek banks to protect public safety and infrastructure, and removing unstable structures away from hazardous slopes and riverbanks; and
 - negotiation of the erosion control agreements with private landowners
- TRCA reports quarterly to the City and Toronto Water on the progress made on critical erosion and flood works projects.
- Starting in 2016, it is requested that TRCA report quarterly spending by project, as part of the City's Quarterly Capital Variance reporting process.

Issues Impacting the 10-Year Capital Plan

Unmet Needs

- The 2016 Preliminary Capital budget includes significant funding to deal with the most pressing erosion control projects, including those created by recent extreme weather events.
- TRCA has identified \$182.942 million of unmet needs, including \$60 million for the Scarborough Waterfront Access Trail that could not be accommodated within the existing debt targets and that go beyond erosion control and source water protection.
- These project include the restoration of the natural environment, the creation of recreation and transportation infrastructure such as visitor's centres, public access to the water, trails, and cycling paths. These projects have linkages to the service objectives of other City Programs including Parks, Forestry and Recreation, Toronto Water and Transportation Services.
- In addition to the erosion control works, TRCA has requested capital funding for projects relating to asset and infrastructure needs, land acquisition and other environmental studies. The following table lists TRCA's unfunded priorities:

| Project Description | Total Project Cost | Cash Flow (000's) | | | | | | | | | |
|--|--------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
| Council Requested | | | | | | | | | | | |
| Scarborough Waterfront Access Trail | 60,000 | | 6,000 | 6,000 | 6,000 | 6,000 | 6,000 | 7,500 | 7,500 | 7,500 | 7,500 |
| South Mimico Trail Connection | 2,000 | 1,300 | 700 | - | - | - | - | - | - | - | - |
| Sherway Trail Connection & Restoration Plan | 200 | 200 | - | - | - | - | - | - | - | - | - |
| Scarborough Bluffs West Project EA | 2,000 | 1,500 | 500 | - | - | - | - | - | - | - | - |
| Scarborough Bluffs West Project Implementation | 32,000 | - | - | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 | 4,000 |
| Tommy Thompson Park Enhancements | 17,312 | 1,500 | 990 | 4,267 | 2,555 | 2,000 | 2,000 | 2,000 | 2,000 | - | - |
| Authority Board Directed | | | | | | | | | | | |
| 81 - 83 Fishleigh Drive | 2,400 | 1,200 | 1,200 | - | - | - | - | - | - | - | - |
| TRCA Asset & Infrastructure Needs | | | | | | | | | | | |
| Long Term Office Accommodation Project | 9,000 | - | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| IT Infrastructure | 1,000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Black Creek Pioneer Village Retrofit | 4,000 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
| Assets Management Plan Analysis and Development | 500 | 250 | 250 | - | - | - | - | - | - | - | - |
| Assets Management Plan Implementation | 4,600 | - | - | 500 | 500 | 550 | 550 | 600 | 600 | 650 | 650 |
| Land Acquisition | | | | | | | | | | | |
| Greenlands Acquisition Project | 31,250 | 2,000 | 2,250 | 2,500 | 2,750 | 3,000 | 3,250 | 3,500 | 3,750 | 4,000 | 4,250 |
| Erosion Control | | | | | | | | | | | |
| Lower Humber Weirs EA and Implementation | 2,925 | 425 | 1,000 | 500 | 650 | 350 | - | - | - | - | - |
| Flood Mitigation Priority Enhancements | 1,500 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Special Policy Areas and Flood Vulnerable Areas Reviews | 1,500 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Other Studies and Initiatives | | | | | | | | | | | |
| Watershed Updates and Follow-up Program | 1,875 | 175 | 175 | 175 | 175 | 175 | 200 | 200 | 200 | 200 | 200 |
| Gatineau Hydro Corridor Revitalization (Scarb Butterfly Trail) | 1,000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Integrated Youth Development Program | 3,500 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 | 350 |
| Climate Research and Resilience | 750 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Sustainable Neighborhood Retrofit Action Plan | 1,175 | 75 | 75 | 100 | 100 | 100 | 125 | 125 | 150 | 150 | 175 |
| Partners in Project Green | 2,455 | 175 | 320 | 370 | 250 | 250 | 250 | 230 | 210 | 200 | 200 |
| Total | 182,942 | 10,125 | 15,785 | 20,737 | 19,305 | 18,750 | 18,700 | 20,480 | 20,735 | 19,025 | 19,300 |

- Given the extended list of unfunded capital work, which includes the Scarborough Waterfront Trail, consideration of these projects has been deferred to the 2017 Budget process to enable TRCA to provide additional information, including detailed business cases that outline project description, justification, major milestones and deliverables.
- Prior to the 2017 Budget process, it is requested that TRCA, Parks Forestry and Recreation, Toronto Water, and Transportation Services will meet quarterly (or more frequently as required) in a variety of issue specific technical groupings to review new hazards identified, discuss proposed projects and work plans, address permitting and natural feature protection requirements, and promote ongoing collaborative decision-making and efficient use of public funds.
- It is recommended that TRCA develop a comprehensive long range capital plan that takes these issues into consideration and aligns to Council priorities and the Strategic Action Plan. The Plan will also align to the City of Toronto's Ravine and Waterfront Strategy, and Co-ordinated Watercourse Management Plan, and the strategy to improve public realm.
- The 2016 Preliminary Budget and 10 Year Capital Plan has remained at the funding levels determined in the 2105 Council Approved 10 Year Plan pending consideration of comprehensive master Capital Plan for TRCA.

Unfunded Priority Projects - Scarborough Waterfront Access Plan

- At the Toronto and Region Conservation Authority's meeting, held on April 26, 2013, Resolution #A63/13 was approved as follows:

THAT the Authority request the City of Toronto to increase the TRCA annual capital budget contribution, beginning in 2014, by \$6 million dedicated to funding projects including the Scarborough Waterfront Trail, erosion control works, and land acquisition for source water protection.

- Toronto Water provided funding of \$1.5 million in 2014 to begin the environmental assessment (EA) work for the Scarborough Waterfront Access Plan and further funding of \$1.5 million was approved in 2015 to complete the environmental assessment.
- The Environmental Assessment is expected to be completed in early 2016.
- The vision of the Scarborough Waterfront Access Plan (SWAP) is a system of linked scenic landscapes both along the top of the bluffs and at the water's edge for the over 8 kilometre section of the shoreline between Bluffer's Park and East Point Park.
- The objectives of the Scarborough Waterfront Project are set out as follows:
 - Integrate existing shoreline infrastructure to provide safe public access to and along the waterfront, while respecting the natural and scientific importance of the Scarborough Bluffs;
 - Provide an environmentally sustainable waterfront experience including sweeping views and vistas, terrestrial aquatic habitat improvements, and recreational and cultural amenities; and
 - Assess opportunities to adjust shoreline erosion protection measures to facilitate cost and construction efficiencies.
- The Plan has three components: (i) completion of toe protection for Scarborough Bluffs, where they currently do not exist, between Brimley Rd (Bluffer Park) east to Highland Creek; (ii) construction of a multipurpose waterfront trail, and (iii) construction of access pathways from the top of the Bluffs to the Lake Ontario Waterfront. In addition, implicit in the concept is the need to enhance Lakefront Parks, such as Bluffer's Park.
- The scope of this project includes erosion control components as well as recreation and cycling infrastructure and has impacts on other City Programs. The completed assets and infrastructure are to be maintained by Parks, Forestry & Recreation as well as Transportation Services. As a result, only those aspects that address erosion control and source water protection will be eligible for water rate funding.
- Prior to finalizing the EA, TRCA will report back to Council with the cost for erosion components identified separately from the trail and waterfront access components of the plan (as recommended in the Staff Report titled: "Co-ordinated Watercourse Management Plan", PW31.14, Adopted by City Council on June 10-14, 2014)
- As part of the 2017 Budget cycle, appropriate funding sources will be reviewed and may include the reallocation of debt from other priorities.

- Operating Impacts arising from these projects must also be determined as the Parks, Forestry and Recreation Operating Budget must include these in future years.
- This project is excluded from TRCA's 2016 Capital Budget and 10-Year Capital Plan.
- Project costs for this project have been maintained at \$60.0 million pending completion of EA, with additional funding starting in 2017, as outlined in the table below:

| Project Description | Cash Flow | | | | | | | | | |
|---|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
| Scarborough Waterfront - Implementation | | 6,000.0 | 6,000.0 | 6,000.0 | 6,000.0 | 6,000.0 | 7,500.0 | 7,500.0 | 7,500.0 | 7,500.0 |

Issues Referred to the 2016 Capital Budget Process

Waterfront Projects

- At its meeting on March 10 and 11, 2015, City Council adopted EX3.1 - 2015 Rate Supported Budgets -Toronto Water and 2015 Water and Wastewater Rates and Service Fee, the following recommendation:
 19. *City Council request the General Manager, Toronto Water and the Deputy City Manager and Chief Financial Officer, in consultation with the General Manager, Parks, Forestry and Recreation and Chief Executive Officer, Toronto and Region Conservation Authority, to consider as part of the 2016 budget process, funding the following Toronto Waterfront projects:*
 - a. *\$1.5 million for Etobicoke Waterfront projects including Humber Bay Park and Mimico Park Trail enhancements;*
 - b. *\$1.5 million for Scarborough Waterfront projects including the Scarborough Bluffs Waterfront Trail Environmental Assessment; and*
 - c. *\$1.5 million for Toronto Waterfront projects including Tommy Thompson Park enhancements.*
 - These projects have been included in the TRCA's list of unmet needs for consideration of these projects was deferred to the 2017 budget cycle.
 - Additional information is needed to evaluate these projects. Consistent with the City of Toronto’s Capital planning process, TRCA was requested to develop business cases for these projects including project purpose, justification, and supplementary information, as appropriate, for the project that will assist in the decision making process.
- At its meeting on December 9 and 10, 2015, City Council adopted EX10.23 - 2016 Rate Supported Budgets –Toronto Water and Recommended 2016 Water and Wastewater Rates and Service Fees, adopted the following recommendation:
 11. *City Council include a Toronto Water Capital contribution towards the following project, identified as a priority restoration project by the Toronto and Region Conservation Authority,*

and identified as "shovel ready", as part of the 2016 Toronto Water Capital budget, with funds from the Toronto Water Capital Reserve as follows:

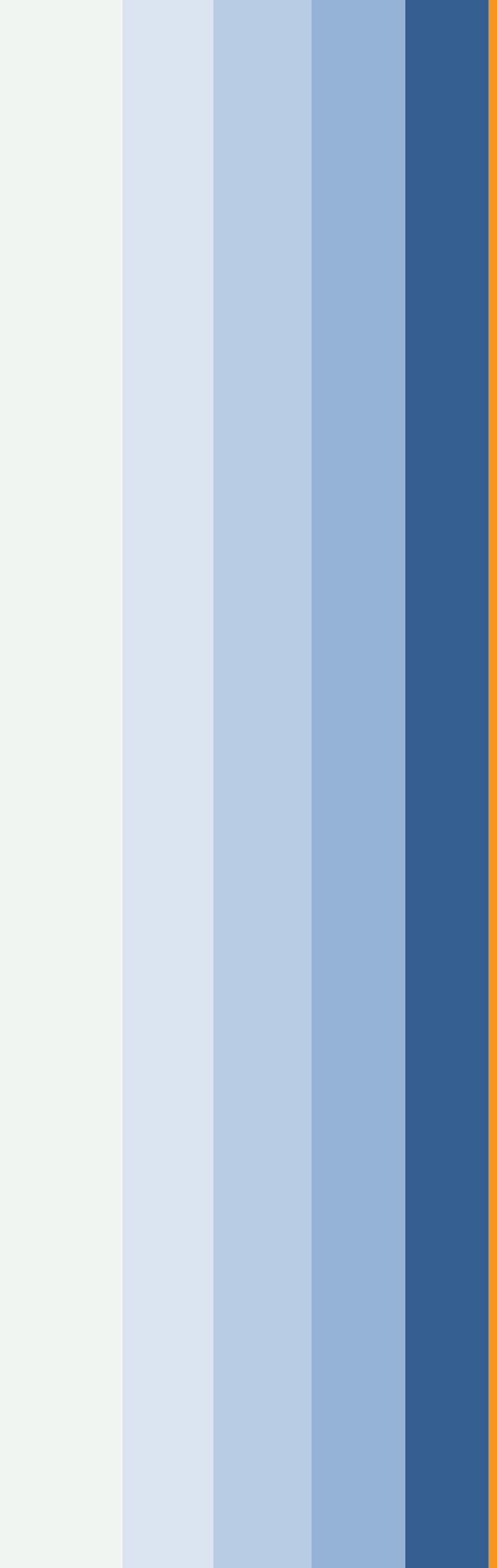
- \$2,000,000 for Scarborough Bluffs West Project Environmental Assessment with a total project cost of \$2,000,000 cash flowed over the 2 or 3 year life of the project.

- This project appears on the TRCA Unmet Needs list in the previous section, however, it is not included in the Preliminary 2016-2025 Capital Budget and Plan for TRCA, because of the timing of this Council decision.
- In addition to watercourse management and erosion control, the deliverables for these projects includes parklands, trails, visitor centres, and bicycles paths that would result in new infrastructure for Parks, Forestry & Recreation as well as Transportation Services to maintain.
- The City requires the future operating, maintenance and renewal costs to be determined as the impact on future Operating Budgets can be part of the overall consideration.
- TRCA has been requested to further develop the plan for these capital projects with input from the General Managers of Toronto Water, Transportation and Parks, Forestry & Recreation; and prior to finalizing the Class EA for the Etobicoke & Scarborough Waterfront report back to City Council with the costs for the erosion control component identified separately from the trails and waterfront access components.

Toronto Water – Contributions from the sale of water

- At its meeting on June 10-14, 2014, City Council adopted PW31.14 Co-ordinated Watercourse Management Plan the following recommendations:
 2. *City Council consider future funding for the Toronto and Region Conservation Authority Erosion Management Program in conjunction with the upcoming report by the Deputy City Manager and Chief Financial Officer, and the General Manager, Toronto Water to the Executive Committee on financing strategies to support Toronto Water's long term Capital Plan.*
 4. *City Council request the Toronto and Region Conservation Authority, with input from the General Manager of Toronto Water and the General Manager of Parks, Forestry and Recreation, to complete the Class Environmental Assessment for Black Creek Flood Management and report to Council on preferred measures to further mitigate valley land flooding of the Rockcliffe area in the Black Creek Watershed and a proposed funding mechanism.*
 6. *City Council request the Toronto and Region Conservation Authority, with input from the General Managers of Toronto Water, Transportation Services and Parks, Forestry and Recreation, to report back prior to finalizing the Class Environmental Assessment for the Scarborough Waterfront Access Plan with the costs for erosion control components identified separately from the trail and waterfront access components of the plan.*
- Funding for TRCA projects has historically come from both debt and Toronto Water as the projects supported erosion control, flood works and joint source water protection strategies.

- This funding combination has been employed as these projects often go beyond the mandate of Toronto Water and are not restricted to work that is eligible for water rate funding, as they include:
 - The creation of recreation and transportation infrastructure such as visitor's centres, public access to the water, trails, and cycling paths.
 - The protection of other City Division infrastructure or facilities that are affected by erosion in ravines, and stream and river valleys
 - The elimination of unmanaged informal trails
 - enhance habitat and natural corridor connections for local wildlife
 - prevent sedimentation which is a threat to aquatic species
 - Improve ecological function and resilience of shoreline to climate change



Appendices

Appendix 1 2015 Performance

2015 Key Accomplishments

In 2015, TRCA made significant progress and/or accomplished the following:

- ✓ Completed office move which consolidated most office staff into one location, maximizing efficiency, process improvements, service delivery and equipment usage.
- ✓ Operated and maintained three dams and three flood control channels. Dams were operated 86 times in 2015. All dams were inspected and tested to meet current Ontario dam safety regulations. Public Safety around Dam evaluations were completed on each dam to ensure public safety around structures.
- ✓ Reviewed development applications and participated in infrastructure planning decisions to mitigate or eliminate flood hazard to existing and planned communities. TRCA staff reviewed over 80 development applications in Toronto, as well as provided input into numerous City Environmental Assessment projects including TTC/Metrolinx, Wet Weather Flow and Basement Flooding projects.

2015 Financial Performance

**Table 9
2015 Budget Variance Analysis (In \$000's)**

| 2015 Approved | As of Sept. 30, 2015 | | Projected Actuals at Year End | | Unspent Balance | |
|---------------|----------------------|---------|-------------------------------|---------|-----------------|-----------|
| \$ | \$ | % Spent | \$ | % Spent | \$ Unspent | % Unspent |
| 14,069 | 10,376 | 73.8% | 14,069 | 100.0% | - | 0.0% |

* Based on 2015 Third Quarter Capital Variance Report

2015 Experience

At its meeting on December 9, 2015, Council approved the 2015 Capital Variance Report for the nine months ended September 30, 2015. Please refer to the attached link for the staff report regarding the details of variance explanations and year-end projections for TRCA:

<http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2015.EX10.28>

Impact of the 2015 Capital Variance on the 2016 Capital Budget

- There is no impact of the 2015 Capital Variance on the 2016 Capital Budget.

Appendix 2

Table 10
2016 Capital Budget; 2017 to 2025 Capital Plan (\$000s)

| Project | Total Project Cost | 2016 | 2017 | 2018 | 2019 | 2020 | 2016 - 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2016 - 2025 Total |
|--|--------------------|--------|------|------|------|------|-------------|------|------|------|------|------|-------------------|
| State of Good Repair: | | | | | | | | | | | | | |
| <i>Greenspace Land Acquisition</i> | 100 | 100 | | | | | 100 | | | | | | 100 |
| <i>Waterfront & Valley Erosion Control</i> | 1,550 | 1,550 | | | | | 1,550 | | | | | | 1,550 |
| <i>Black Creek Pioneer Village Retrofit</i> | 350 | 350 | | | | | 350 | | | | | | 350 |
| <i>Living City Action Plan</i> | 2,776 | 2,776 | | | | | 2,776 | | | | | | 2,776 |
| <i>Waterfront Development</i> | 1,233 | 1,233 | | | | | 1,233 | | | | | | 1,233 |
| <i>TRCA Information Technology</i> | 264 | 264 | | | | | 264 | | | | | | 264 |
| <i>Critical Erosion Control & Floodworks Needs</i> | 2,000 | 2,000 | | | | | 2,000 | | | | | | 2,000 |
| <i>TRCA Administrative Infrastructure Project</i> | 658 | 658 | | | | | 658 | | | | | | 658 |
| <i>Critical Erosion - Water Funded Enhancements</i> | 5,000 | 5,000 | | | | | 5,000 | | | | | | 5,000 |
| Sub-Total | | 13,931 | - | - | - | - | 13,931 | - | - | - | - | - | 13,931 |
| Service Improvements: | | | | | | | | | | | | | |
| <i>Waterfront Development - Tommy Thompson Park</i> | 240 | 240 | | | | | 240 | | | | | | 240 |
| Sub-Total | | 240 | - | - | - | - | 240 | - | - | - | - | - | 240 |
| Total (excluding carry forward funding) | | 14,171 | - | - | - | - | 14,171 | | | | | | 14,171 |

Appendix 3

2016 Capital Budget; 2017 to 2025 Capital Plan

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: 2016 Capital Budget; 2017 to 2025 Capital Plan

Toronto & Region Conservation Authority

| Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat. | | | | | | Current and Future Year Cash Flow Commitments | | | | | | | Current and Future Year Cash Flow Commitments Financed By | | | | | | | | | | | |
|---|----|--|----|----|----|---|-------|-------|-------|-------|--------------------|--------------------|---|---------------------------------------|--------------------|------------------------|----------|------------------|----------------------------|---------|--------|-------------------------------|--------------------|--------|
| | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | Total 2016-2020 | Total 2021-2025 | Total 2016-2025 | Provincial Grants and Subsidies | Federal Subsidy | Development Charges | Reserves | Reserve Funds | Capital from Current | Other 1 | Other2 | Debt - Recoverable Debt | Total Financing | |
| TRC000003 GREENSPACE LAND ACQUISITION (Toronto Sh | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 2 | Greenspace Land Acquisition Future Years project | CW | S6 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 0 | 0 | 0 | 500 |
| 1 | 5 | Greenspace Land Acquisition (active 09+) | CW | S5 | 03 | 100 | 100 | 100 | 100 | 100 | 500 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 0 | 0 | 0 | 500 |
| Sub-total | | | | | | 100 | 100 | 100 | 100 | 100 | 500 | 500 | 1,000 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 | 0 | 0 | 1,000 |
| TRC000017 WATERFRONT & VALLEY EROSION CONTROL | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 21 | POST 5 YEARS EROSION: ALL SITES | CW | S6 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 14,000 | 14,000 | 0 | 0 | 0 | 0 | 0 | 0 | 3,200 | 0 | 10,800 | 0 | 14,000 |
| 0 | 71 | Shoreline Monitoring & Maintenance 2009 and on | CW | S5 | 03 | 400 | 400 | 400 | 400 | 400 | 2,000 | 0 | 2,000 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 | 1,000 | 0 | 2,000 | |
| 0 | 76 | 2011+ Erosion Control Works Major Maintenance | CW | S5 | 03 | 1,150 | 1,150 | 1,200 | 1,200 | 1,200 | 5,900 | 0 | 5,900 | 0 | 0 | 0 | 0 | 0 | 2,950 | 0 | 2,950 | 0 | 5,900 | |
| Sub-total | | | | | | 1,550 | 1,550 | 1,600 | 1,600 | 1,600 | 7,900 | 14,000 | 21,900 | 0 | 0 | 0 | 0 | 0 | 0 | 7,150 | 0 | 14,750 | 0 | 21,900 |
| TRC000195 BLACK CREEK PIONEER VILLAGE RETROFIT | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 6 | Retrofit Activities for 2009+ | 08 | S5 | 03 | 300 | 300 | 300 | 300 | 350 | 1,550 | 0 | 1,550 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,550 | 0 | 1,550 | |
| 3 | 7 | Visitor Centre Active 2009+ | 08 | S5 | 03 | 50 | 50 | 50 | 50 | 0 | 200 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 200 | |
| 0 | 9 | Post Current 5 year Project | 01 | S6 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 1,750 | 1,750 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,750 | 0 | 1,750 | |
| Sub-total | | | | | | 350 | 350 | 350 | 350 | 350 | 1,750 | 1,750 | 3,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,500 | 0 | 3,500 |
| TRC000315 LIVING CITY ACTION PLAN (Formerly T.O.RAP | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 8 | ACTIVE Remedial Action Plan: Post 5 Year All Sites | CW | S6 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 17,830 | 17,830 | 0 | 0 | 0 | 0 | 0 | 0 | 17,830 | 0 | 0 | 0 | 17,830 |
| 11 | 21 | Sustainable Communities 2008+ | CW | S5 | 03 | 909 | 871 | 879 | 972 | 974 | 4,605 | 0 | 4,605 | 0 | 0 | 0 | 0 | 0 | 0 | 4,605 | 0 | 0 | 0 | 4,605 |
| 7 | 23 | Watershed Monitoring/Terrestrial Natural 2008+ | CW | S5 | 03 | 512 | 507 | 507 | 507 | 512 | 2,545 | 0 | 2,545 | 0 | 0 | 0 | 0 | 0 | 0 | 2,545 | 0 | 0 | 0 | 2,545 |
| 12 | 24 | Regional Watershed Management 2008+ | CW | S5 | 03 | 925 | 1,059 | 1,146 | 1,150 | 1,243 | 5,523 | 0 | 5,523 | 0 | 0 | 0 | 0 | 0 | 0 | 5,523 | 0 | 0 | 0 | 5,523 |
| 1 | 25 | Regeneration Sites 2008+ | CW | S5 | 03 | 430 | 443 | 455 | 468 | 480 | 2,276 | 0 | 2,276 | 0 | 0 | 0 | 0 | 0 | 0 | 2,276 | 0 | 0 | 0 | 2,276 |
| Sub-total | | | | | | 2,776 | 2,880 | 2,987 | 3,097 | 3,209 | 14,949 | 17,830 | 32,779 | 0 | 0 | 0 | 0 | 0 | 0 | 32,779 | 0 | 0 | 0 | 32,779 |
| TRC16 WATERFRONT DEVELOPMENT | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 21 | ACTIVE Wtrfrnt Dev:POST CURRENT 5 YEAR-ALL | CW | S6 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 7,115 | 7,115 | 0 | 0 | 0 | 0 | 0 | 0 | 3,275 | 0 | 3,840 | 0 | 7,115 |
| 3 | 37 | Wtrfrnt Dev:Environmental Monitoring & Maintenance | CW | S5 | 03 | 245 | 245 | 245 | 245 | 245 | 1,225 | 0 | 1,225 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,225 | 0 | 0 | 1,225 |
| 1 | 38 | Wtrfrnt Dev:Keating Channel Dredging | 30 | S5 | 03 | 320 | 320 | 320 | 320 | 320 | 1,600 | 0 | 1,600 | 0 | 0 | 0 | 0 | 0 | 0 | 1,600 | 0 | 0 | 0 | 1,600 |
| 4 | 39 | Wtrfrnt Dev:Tommy Thompson Park Interim Management | 30 | S5 | 04 | 240 | 240 | 240 | 240 | 240 | 1,200 | 0 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 | 0 | 0 | 1,200 |

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: 2016 Capital Budget; 2017 to 2025 Capital Plan

Toronto & Region Conservation Authority

| Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat. | | | | | | Current and Future Year Cash Flow Commitments | | | | | | Current and Future Year Cash Flow Commitments Financed By | | | | | | | | | | | | |
|---|---|--|----|----|----|---|--------|--------|--------|--------|--------------------|---|--------------------|---------------------------------------|--------------------|------------------------|---------------------|------------------|----------------------------|---------|--------|-------------------------------|--------------------|---------|
| | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | Total 2016-2020 | Total 2021-2025 | Total 2016-2025 | Provincial Grants and Subsidies | Federal Subsidy | Development Charges | Reserve Reserves | Reserve Funds | Capital from Current | Other 1 | Other2 | Debt - Recoverable Debt | Total Financing | |
| TRC908135 CRITICAL EROSION #2 WATER FUNDED ENH# | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 6 | Layer 2: Extra Floodworks Major Maintenance (2016) | CW | S5 | 03 | 800 | 0 | 0 | 0 | 0 | 800 | 0 | 800 | 0 | 0 | 0 | 0 | 0 | 0 | 800 | 0 | 0 | 0 | 800 |
| 0 | 7 | Layer 2: Extra Erosion Major Maintenance (2016) | CW | S5 | 03 | 2,900 | 0 | 0 | 0 | 0 | 2,900 | 0 | 2,900 | 0 | 0 | 0 | 0 | 0 | 0 | 2,900 | 0 | 0 | 0 | 2,900 |
| 0 | 8 | Layer 2:Extra Waterfront Major Maintenance (2016) | CW | S5 | 03 | 1,300 | 0 | 0 | 0 | 0 | 1,300 | 0 | 1,300 | 0 | 0 | 0 | 0 | 0 | 0 | 1,300 | 0 | 0 | 0 | 1,300 |
| Sub-total | | | | | | 5,000 | 6,000 | 6,000 | 7,500 | 7,500 | 32,000 | 42,000 | 74,000 | 0 | 0 | 0 | 0 | 0 | 0 | 74,000 | 0 | 0 | 0 | 74,000 |
| Total Program Expenditure | | | | | | 14,171 | 15,275 | 15,382 | 16,992 | 17,104 | 78,924 | 97,805 | 176,729 | 0 | 0 | 0 | 0 | 0 | 0 | 140,729 | 0 | 36,000 | 0 | 176,729 |

Report Phase 2 - Program 02 Toronto & Region Conservation Authority Program Phase 2 Sub-Project Category 01,02,03,04,05 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: 2016 Capital Budget; 2017 to 2025 Capital Plan**Toronto & Region Conservation Authority**

| | | Current and Future Year Cash Flow Commitments and Estimates | | | | | | | | | Current and Future Year Cash Flow Commitments and Estimates Financed By | | | | | | | | |
|--------------------------------|----------------------------|---|------|-------|------|------|--------------------|--------------------|--------------------|---------------------------------------|---|------------------------|---------------------|------------------|----------------------------|---------|--------|-------------------------------|--------------------|
| | | 2016 | 2017 | 2018 | 2019 | 2020 | Total 2016-2020 | Total 2021-2025 | Total 2016-2025 | Provincial Grants and Subsidies | Federal Subsidy | Development Charges | Reserve Reserves | Reserve Funds | Capital from Current | Other 1 | Other2 | Debt - Recoverable Debt | Total Financing |
| Sub- Priority | Project No. SubProj No. | Project Name Sub-project Name | Ward | Stat. | Cat. | | | | | | | | | | | | | | |
| Financed By: | | | | | | | | | | | | | | | | | | | |
| | Other1 (Internal) | | | | | | | | | | | | | | | | | | |
| | Debt | | | | | | | | | | | | | | | | | | |
| Total Program Financing | | | | | | | | | | | | | | | | | | | |

| Status Code | Description |
|-------------|--|
| S2 | S2 Prior Year (With 2016 and/or Future Year Cashflow) |
| S3 | S3 Prior Year - Change of Scope 2016 and/or Future Year Cost(Cashflow) |
| S4 | S4 New - Stand-Alone Project (Current Year Only) |
| S5 | S5 New (On-going or Phased Projects) |
| S6 | S6 New - Future Year (Commencing in 2017 & Beyond) |

| Category Code | Description |
|---------------|---|
| 01 | Health and Safety C01 |
| 02 | Legislated C02 |
| 03 | State of Good Repair C03 |
| 04 | Service Improvement and Enhancement C04 |
| 05 | Growth Related C05 |
| 06 | Reserved Category 1 C06 |
| 07 | Reserved Category 2 C07 |

Appendix 4

2016 Cash Flow and Future Year Commitments

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2016 Cash Flow and Future Year Commitments

Toronto & Region Conservation Authority

| Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat. | | | | | | Current and Future Year Cash Flow Commitments | | | | | | Current and Future Year Cash Flow Commitments Financed By | | | | | | | | | | | | |
|---|----|--|----|----|----|---|------|------|------|------|--------------------|---|--------------------|---------------------------------------|--------------------|------------------------|----------|------------------|----------------------------|---------|--------|-------------------------------|--------------------|-----|
| | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | Total 2016-2020 | Total 2021-2025 | Total 2016-2025 | Provincial Grants and Subsidies | Federal Subsidy | Development Charges | Reserves | Reserve Funds | Capital from Current | Other 1 | Other2 | Debt - Recoverable Debt | Total Financing | |
| TRC000003 GREENSPACE LAND ACQUISITION (Toronto Sh | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 5 | Greenspace Land Acquisition (active 09+) | CW | S5 | 03 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 100 |
| Sub-total | | | | | | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 100 |
| TRC000017 WATERFRONT & VALLEY EROSION CONTROL | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 71 | Shoreline Monitoring & Maintenance 2009 and on | CW | S5 | 03 | 400 | 0 | 0 | 0 | 0 | 400 | 0 | 400 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 200 | 0 | 400 | |
| 0 | 76 | 2011+ Erosion Control Works Major Maintenance | CW | S5 | 03 | 1,150 | 0 | 0 | 0 | 0 | 1,150 | 0 | 1,150 | 0 | 0 | 0 | 0 | 0 | 575 | 0 | 575 | 0 | 1,150 | |
| Sub-total | | | | | | 1,550 | 0 | 0 | 0 | 0 | 1,550 | 0 | 1,550 | 0 | 0 | 0 | 0 | 0 | 775 | 0 | 775 | 0 | 1,550 | |
| TRC000195 BLACK CREEK PIONEER VILLAGE RETROFIT | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 6 | Retrofit Activities for 2009+ | 08 | S5 | 03 | 300 | 0 | 0 | 0 | 0 | 300 | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 0 | 300 | |
| 3 | 7 | Visitor Centre Active 2009+ | 08 | S5 | 03 | 50 | 0 | 0 | 0 | 0 | 50 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 50 | |
| Sub-total | | | | | | 350 | 0 | 0 | 0 | 0 | 350 | 0 | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 | 0 | 350 | |
| TRC000315 LIVING CITY ACTION PLAN (Formerly T.O.RAP | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 21 | Sustainable Communities 2008+ | CW | S5 | 03 | 909 | 0 | 0 | 0 | 0 | 909 | 0 | 909 | 0 | 0 | 0 | 0 | 0 | 909 | 0 | 0 | 0 | 909 | |
| 7 | 23 | Watershed Monitoring/Terrestrial Natural 2008+ | CW | S5 | 03 | 512 | 0 | 0 | 0 | 0 | 512 | 0 | 512 | 0 | 0 | 0 | 0 | 0 | 512 | 0 | 0 | 0 | 512 | |
| 12 | 24 | Regional Watershed Management 2008+ | CW | S5 | 03 | 925 | 0 | 0 | 0 | 0 | 925 | 0 | 925 | 0 | 0 | 0 | 0 | 0 | 925 | 0 | 0 | 0 | 925 | |
| 1 | 25 | Regeneration Sites 2008+ | CW | S5 | 03 | 430 | 0 | 0 | 0 | 0 | 430 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 430 | |
| Sub-total | | | | | | 2,776 | 0 | 0 | 0 | 0 | 2,776 | 0 | 2,776 | 0 | 0 | 0 | 0 | 0 | 2,776 | 0 | 0 | 0 | 2,776 | |
| TRC16 WATERFRONT DEVELOPMENT | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 37 | Wtrfrnt Dev:Environmental Monitoring & Maintenance | CW | S5 | 03 | 245 | 0 | 0 | 0 | 0 | 245 | 0 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 245 | 0 | 0 | 245 | |
| 1 | 38 | Wtrfrnt Dev:Keating Channel Dredging | 30 | S5 | 03 | 320 | 0 | 0 | 0 | 0 | 320 | 0 | 320 | 0 | 0 | 0 | 0 | 0 | 320 | 0 | 0 | 0 | 320 | |
| 4 | 39 | Wtrfrnt Dev:Tommy Thompson Park Interim Management | 30 | S5 | 04 | 240 | 0 | 0 | 0 | 0 | 240 | 0 | 240 | 0 | 0 | 0 | 0 | 0 | 0 | 240 | 0 | 0 | 240 | |
| 2 | 40 | Wtrfrnt Dev :Information Management | CW | S5 | 03 | 50 | 0 | 0 | 0 | 0 | 50 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 50 | |
| 5 | 41 | Wtrfrnt Dev :Ashbridges Bay | 32 | S5 | 03 | 300 | 0 | 0 | 0 | 0 | 300 | 0 | 300 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 150 | 0 | 300 | |
| 12 | 43 | Tommy Thompson- Cell 2 Capping Phase 1 | 30 | S5 | 03 | 50 | 0 | 0 | 0 | 0 | 50 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 50 | |
| 4 | 47 | Toronto Waterfront Planning (Scarborough Shoreline | CW | S5 | 03 | 80 | 0 | 0 | 0 | 0 | 80 | 0 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 80 | |

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2016 Cash Flow and Future Year Commitments

Toronto & Region Conservation Authority

| Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat. | | | | | | Current and Future Year Cash Flow Commitments | | | | | | | Current and Future Year Cash Flow Commitments Financed By | | | | | | | | | | | |
|---|----|--|----|----|----|---|------|------|------|------|--------------------|--------------------|---|---------------------------------------|--------------------|------------------------|----------|------------------|----------------------------|---------|--------|-------------------------------|--------------------|--------|
| | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | Total 2016-2020 | Total 2021-2025 | Total 2016-2025 | Provincial Grants and Subsidies | Federal Subsidy | Development Charges | Reserves | Reserve Funds | Capital from Current | Other 1 | Other2 | Debt - Recoverable Debt | Total Financing | |
| TRC16 WATERFRONT DEVELOPMENT | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 48 | Waterfront Development ongoing Major Maintenance | CW | S5 | 03 | 188 | 0 | 0 | 0 | 0 | 188 | 0 | 188 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 188 | 0 | 188 | |
| Sub-total | | | | | | 1,473 | 0 | 0 | 0 | 0 | 1,473 | 0 | 1,473 | 0 | 0 | 0 | 0 | 0 | 520 | 0 | 953 | 0 | 1,473 | |
| TRC906093 TRCA INFORMATION TECHNOLOGY | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 4 | Info Technology:Replacement items 2008+ | CW | S5 | 03 | 264 | 0 | 0 | 0 | 0 | 264 | 0 | 264 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 264 | 0 | 264 | |
| Sub-total | | | | | | 264 | 0 | 0 | 0 | 0 | 264 | 0 | 264 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 264 | 0 | 264 |
| TRC907697 CRITICAL EROSION CONTROL & FLOODWOR | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 4 | Layer1:Flood Control:Hoggs,G.Ross,Black Cr Channel | 25 | S5 | 03 | 200 | 0 | 0 | 0 | 0 | 200 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 200 | |
| 0 | 28 | Layer1:EC 441-449 GUILDWOOD PARKWAY | 41 | S5 | 03 | 600 | 0 | 0 | 0 | 0 | 600 | 0 | 600 | 0 | 0 | 0 | 0 | 0 | 600 | 0 | 0 | 0 | 600 | |
| 0 | 29 | Layer1:Valley EC Hazards / July 8/13 Storm | CW | S5 | 03 | 1,200 | 0 | 0 | 0 | 0 | 1,200 | 0 | 1,200 | 0 | 0 | 0 | 0 | 0 | 1,200 | 0 | 0 | 0 | 1,200 | |
| Sub-total | | | | | | 2,000 | 0 | 0 | 0 | 0 | 2,000 | 0 | 2,000 | 0 | 0 | 0 | 0 | 0 | 2,000 | 0 | 0 | 0 | 0 | 2,000 |
| TRC908079 TRCAADMINISTRATIVE INFRASTRUCTURE PF | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 1 | Former Major Facilities Project now consolidated | CW | S5 | 03 | 460 | 0 | 0 | 0 | 0 | 460 | 0 | 460 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 460 | 0 | 460 | |
| 0 | 2 | Former Public use now consolidated | CW | S5 | 03 | 198 | 0 | 0 | 0 | 0 | 198 | 0 | 198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 198 | 0 | 198 | |
| Sub-total | | | | | | 658 | 0 | 0 | 0 | 0 | 658 | 0 | 658 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 658 | 0 | 658 |
| TRC908135 CRITICAL EROSION #2 WATER FUNDED ENH# | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 6 | Layer 2: Extra Floodworks Major Maintenance (2016) | CW | S5 | 03 | 800 | 0 | 0 | 0 | 0 | 800 | 0 | 800 | 0 | 0 | 0 | 0 | 0 | 800 | 0 | 0 | 0 | 800 | |
| 0 | 7 | Layer 2: Extra Erosion Major Maintenance (2016) | CW | S5 | 03 | 2,900 | 0 | 0 | 0 | 0 | 2,900 | 0 | 2,900 | 0 | 0 | 0 | 0 | 0 | 2,900 | 0 | 0 | 0 | 2,900 | |
| 0 | 8 | Layer 2:Extra Waterfront Major Maintenance (2016) | CW | S5 | 03 | 1,300 | 0 | 0 | 0 | 0 | 1,300 | 0 | 1,300 | 0 | 0 | 0 | 0 | 0 | 1,300 | 0 | 0 | 0 | 1,300 | |
| Sub-total | | | | | | 5,000 | 0 | 0 | 0 | 0 | 5,000 | 0 | 5,000 | 0 | 0 | 0 | 0 | 0 | 5,000 | 0 | 0 | 0 | 0 | 5,000 |
| Total Program Expenditure | | | | | | 14,171 | 0 | 0 | 0 | 0 | 14,171 | 0 | 14,171 | 0 | 0 | 0 | 0 | 0 | 11,171 | 0 | 3,000 | 0 | 0 | 14,171 |

Report Phase 2 - Program 02 Toronto & Region Conservation Authority Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05 User Fields ALL

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2016 Cash Flow and Future Year Commitments**Toronto & Region Conservation Authority**

| | | | | | | Current and Future Year Cash Flow Commitments and Estimates | | | | | | Current and Future Year Cash Flow Commitments and Estimates Financed By | | | | | | | | | | | |
|--------------------------------|----------------------------|----------------------------------|------|-------|------|---|----------|----------|----------|----------|--------------------|---|--------------------|---------------------------------------|--------------------|------------------------|---------------------|------------------|----------------------------|----------|--------------|-------------------------------|--------------------|
| | | | | | | 2016 | 2017 | 2018 | 2019 | 2020 | Total 2016-2020 | Total 2021-2025 | Total 2016-2025 | Provincial Grants and Subsidies | Federal Subsidy | Development Charges | Reserve Reserves | Reserve Funds | Capital from Current | Other 1 | Other2 | Debt - Recoverable Debt | Total Financing |
| Sub- Priority | Project No. SubProj No. | Project Name Sub-project Name | Ward | Stat. | Cat. | | | | | | | | | | | | | | | | | | |
| Financed By: | | | | | | | | | | | | | | | | | | | | | | | |
| | Other1 (Internal) | | | | | 11,171 | 0 | 0 | 0 | 0 | 11,171 | 0 | 11,171 | 0 | 0 | 0 | 0 | 0 | 11,171 | 0 | 0 | 0 | 11,171 |
| | Debt | | | | | 3,000 | 0 | 0 | 0 | 0 | 3,000 | 0 | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,000 | 0 | 3,000 |
| Total Program Financing | | | | | | 14,171 | 0 | 0 | 0 | 0 | 14,171 | 0 | 14,171 | 0 | 0 | 0 | 0 | 0 | 11,171 | 0 | 3,000 | 0 | 14,171 |

| Status Code | Description |
|-------------|--|
| S2 | S2 Prior Year (With 2016 and/or Future Year Cashflow) |
| S3 | S3 Prior Year - Change of Scope 2016 and/or Future Year Cost(Cashflow) |
| S4 | S4 New - Stand-Alone Project (Current Year Only) |
| S5 | S5 New (On-going or Phased Projects) |

| Category Code | Description |
|---------------|---|
| 01 | Health and Safety C01 |
| 02 | Legislated C02 |
| 03 | State of Good Repair C03 |
| 04 | Service Improvement and Enhancement C04 |
| 05 | Growth Related C05 |
| 06 | Reserved Category 1 C06 |
| 07 | Reserved Category 2 C07 |

Appendix 5

2016 Capital Budget with Financing Detail

(Phase 2) 02-Toronto & Region Conservation Authority

Sub-Project Category: 01,02,03,04,05

Type: B Sub-Project Status: S2

Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2016 Capital Budget with Financing Details
Toronto & Region Conservation Authority
Sub-Project Summary

| Project/Financing Priority Project | Project Name | Start Date | Completion Date | 2016 | Financing | | | | | | | | | |
|---------------------------------------|---|------------|-----------------|--------------|-----------------------------|-----------------|-------------------|----------|---------------|----------------------|--------------|----------|------------|--------------------|
| | | | | Cash Flow | Provincial Grants Subsidies | Federal Subsidy | Developmt Charges | Reserves | Reserve Funds | Capital From Current | Other 1 | Other 2 | Debt | Debt - Recoverable |
| 0 | <u>TRC908135 CRITICAL EROSION #2 WATER FUNDED ENHANCEMENTS</u> | | | | | | | | | | | | | |
| 0 | 6 Layer 2: Extra Floodworks Major Maintenance (2016) | 01/02/2016 | 12/31/2016 | 800 | 0 | 0 | 0 | 0 | 0 | 0 | 800 | 0 | 0 | 0 |
| 0 | 7 Layer 2: Extra Erosion Major Maintenance (2016) | 01/02/2016 | 12/31/2016 | 2,900 | 0 | 0 | 0 | 0 | 0 | 0 | 2,900 | 0 | 0 | 0 |
| 0 | 8 Layer 2:Extra Waterfront Major Maintenance (2016) | 07/03/2015 | 07/03/2015 | 1,300 | 0 | 0 | 0 | 0 | 0 | 0 | 1,300 | 0 | 0 | 0 |
| | Project Sub-total: | | | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 5,000 | 0 | 0 | 0 |
| 1 | <u>TRC000017 WATERFRONT & VALLEY EROSION CONTROL</u> | | | | | | | | | | | | | |
| 0 | 71 Shoreline Monitoring & Maintenance 2009 and on | 08/26/2008 | 08/26/2024 | 400 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 200 | 0 |
| 0 | 76 2011+ Erosion Control Works Major Maintenance | 09/09/2010 | 09/09/2024 | 1,150 | 0 | 0 | 0 | 0 | 0 | 0 | 575 | 0 | 575 | 0 |
| | Project Sub-total: | | | 1,550 | 0 | 0 | 0 | 0 | 0 | 0 | 775 | 0 | 775 | 0 |
| 2 | <u>TRC16 WATERFRONT DEVELOPMENT</u> | | | | | | | | | | | | | |
| 0 | 48 Waterfront Development ongoing Major Maintenance | 09/09/2011 | 09/09/2024 | 188 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 188 | 0 |
| 1 | 38 Wtrfrnt Dev:Keating Channel Dredging | 01/01/1995 | 01/01/2024 | 320 | 0 | 0 | 0 | 0 | 0 | 0 | 320 | 0 | 0 | 0 |
| 2 | 40 Wtrfrnt Dev :Information Management | 01/01/1995 | 12/31/2024 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 |
| 3 | 37 Wtrfrnt Dev:Environmental Monitoring & Maintenance | 01/01/1995 | 12/31/2025 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 245 | 0 |
| 4 | 39 Wtrfrnt Dev:Tommy Thompson Park Interim Management | 01/01/1995 | 12/31/2024 | 240 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240 | 0 |
| 4 | 47 Toronto Waterfront Planning (Scarborough Shoreline | 08/16/2010 | 08/16/2024 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 |
| 5 | 41 Wtrfrnt Dev :Ashbridges Bay | 01/01/1998 | 12/31/2024 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 150 | 0 |
| 12 | 43 Tommy Thompson- Cell 2 Capping Phase 1 | 01/05/2002 | 10/05/2024 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 |
| | Project Sub-total: | | | 1,473 | 0 | 0 | 0 | 0 | 0 | 0 | 520 | 0 | 953 | 0 |
| 2 | <u>TRC908079 TRCA ADMINISTRATIVE INFRASTRUCTURE PROJECT</u> | | | | | | | | | | | | | |
| 0 | 1 Former Major Facilities Project now consolidated | 06/10/2014 | 06/10/2024 | 460 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 460 | 0 |
| 0 | 2 Former Public use now consolidated | 06/10/2014 | 06/10/2023 | 198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 198 | 0 |
| | Project Sub-total: | | | 658 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 658 | 0 |
| 3 | <u>TRC000315 LIVING CITY ACTION PLAN (Formerly T.O.RAP)</u> | | | | | | | | | | | | | |
| 1 | 25 Regeneration Sites 2008+ | 01/01/2012 | 12/31/2024 | 430 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 |
| 7 | 23 Watershed Monitoring/Terrestrial Natural 2008+ | 01/01/2005 | 12/31/2024 | 512 | 0 | 0 | 0 | 0 | 0 | 0 | 512 | 0 | 0 | 0 |
| 11 | 21 Sustainable Communities 2008+ | 08/15/2006 | 08/15/2024 | 909 | 0 | 0 | 0 | 0 | 0 | 0 | 909 | 0 | 0 | 0 |
| 12 | 24 Regional Watershed Management 2008+ | 08/09/2002 | 08/09/2025 | 925 | 0 | 0 | 0 | 0 | 0 | 0 | 925 | 0 | 0 | 0 |
| | Project Sub-total: | | | 2,776 | 0 | 0 | 0 | 0 | 0 | 0 | 2,776 | 0 | 0 | 0 |
| 4 | <u>TRC000195 BLACK CREEK PIONEER VILLAGE RETROFIT</u> | | | | | | | | | | | | | |
| 1 | 6 Retrofit Activities for 2009+ | 01/01/2000 | 12/31/2020 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 0 |
| 3 | 7 Visitor Centre Active 2009+ | 10/02/2001 | 10/02/2024 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 |
| | Project Sub-total: | | | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 | 0 |

(Phase 2) 02-Toronto & Region Conservation Authority

Sub-Project Category: 01,02,03,04,05

Type: B Sub-Project Status: S2

Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO
Appendix 5: 2016 Capital Budget with Financing Details
Toronto & Region Conservation Authority
Sub-Project Summary

| Project/Financing | | | | 2016 | Financing | | | | | | | | | | |
|-----------------------|------------------|--|------------|-----------------|-----------|-----------------------------|-----------------|-------------------|----------|---------------|----------------------|---------|---------|-------|--------------------|
| Priority | Project | Project Name | Start Date | Completion Date | Cash Flow | Provincial Grants Subsidies | Federal Subsidy | Developmt Charges | Reserves | Reserve Funds | Capital From Current | Other 1 | Other 2 | Debt | Debt - Recoverable |
| 7 | TRC906093 | TRCA INFORMATION TECHNOLOGY | | | | | | | | | | | | | |
| 1 | 4 | Info Technology:Replacement items 2008+ | 10/05/2002 | 10/05/2024 | 264 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 264 | 0 |
| | | Project Sub-total: | | | 264 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 264 | 0 |
| 8 | TRC000003 | GREENSPACE LAND ACQUISITION (Toronto Share) | | | | | | | | | | | | | |
| 1 | 5 | Greenspace Land Acquisition (active 09+) | 01/01/2001 | 01/01/2025 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 |
| | | Project Sub-total: | | | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 |
| 13 | TRC907697 | CRITICAL EROSION CONTROL & FLOODWORKS NEEDS | | | | | | | | | | | | | |
| 0 | 28 | Layer1:EC 441-449 GUILDWOOD PARKWAY | 05/17/2013 | 05/17/2015 | 600 | 0 | 0 | 0 | 0 | 0 | 0 | 600 | 0 | 0 | 0 |
| 0 | 29 | Layer1:Valley EC Hazards / July 8/13 Storm | 05/17/2014 | 05/17/2024 | 1,200 | 0 | 0 | 0 | 0 | 0 | 0 | 1,200 | 0 | 0 | 0 |
| 3 | 4 | Layer1:Flood Control:Hoggs,G.Ross,Black Cr Channel | 08/17/2010 | 08/17/2024 | 200 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 |
| | | Project Sub-total: | | | 2,000 | 0 | 0 | 0 | 0 | 0 | 0 | 2,000 | 0 | 0 | 0 |
| Program Total: | | | | | 14,171 | 0 | 0 | 0 | 0 | 0 | 0 | 11,171 | 0 | 3,000 | 0 |

| Status Code | Description |
|-------------|--|
| S2 | S2 Prior Year (With 2016 and/or Future Year Cashflow) |
| S3 | S3 Prior Year - Change of Scope 2016 and/or Future Year Cost(Cashflow) |
| S4 | S4 New - Stand-Alone Project (Current Year Only) |
| S5 | S5 New (On-going or Phased Projects) |

| Category Code | Description |
|---------------|---|
| 01 | Health and Safety C01 |
| 02 | Legislated C02 |
| 03 | State of Good Repair C03 |
| 04 | Service Improvement and Enhancement C04 |
| 05 | Growth Related C05 |