



Toronto 2015 BUDGET

CAPITAL ANALYST NOTES



Toronto and Region Conservation Authority (TRCA)

2015 – 2024 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 \$167.991 million or 99.1% of funding included in the 10-Year Recommended 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 Recommended Capital Plan also allocates \$1.600 million or 0.9% of total funding for service improvement projects such as *Tommy Thompson Park* and *Scarborough Shoreline Access*.

Highlights

Overview & Recommendations

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Contacts

Judy Skinner

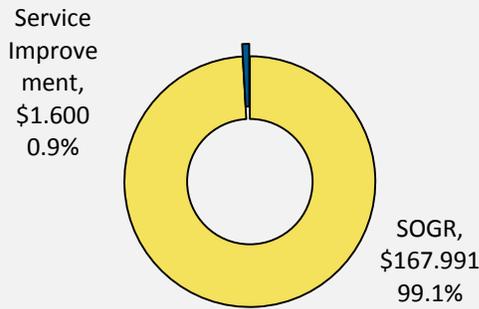
Manager, Financial Planning
 Tel: (416) 397-4219
 E-Mail: jskinne1@Toronto.ca

Anna Chablinskaia

Senior Financial Planning Analyst
 Tel: (416) 397-4532
 E-Mail: achabli@Toronto.ca

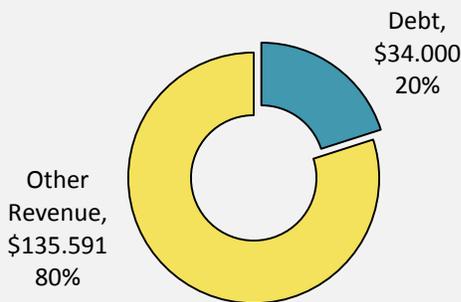
Capital Spending and Financing

2015-2024 Capital Budget and Plan by Expenditures Category



\$169.591 Million

2015-2024 Capital Budget and Plan by Funding Source



\$169.591 Million

Where does the money go?

The 2015–2024 Recommended Capital Budget and Plan totals \$169.591 million and provides funding for projects in the following major areas:

- Environmental monitoring and restoration;
- Retrofit of public use infrastructure;
- Waterfront and valley erosion control; and
- Water quality and habitat improvements.

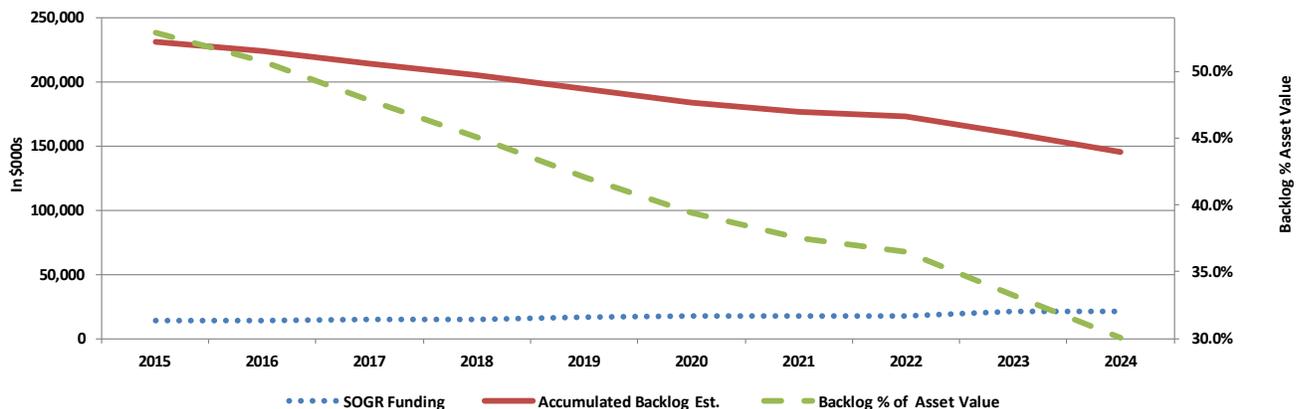
Where does the money come from?

The 10-Year Recommended Capital Plan is funded by 2 major sources, debt and other revenues:

- New debt funding of \$34.000 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.
- Other revenues of \$135.591 million or 80% of the 10-Year Recommended Capital Plan are comprised of \$45.591 million in Toronto Water contribution to partially fund TRCA projects related to water quality and quantity and supplementary Toronto Water funding of \$90.000 million for projects that will address critical erosion issues.

State of Good Repair Backlog

The 10-Year Recommended Capital Plan spending on State of Good Repair is \$167.991 million which will reduce the backlog from 52.9% as a percentage of asset value in 2015 to 30% in 2024.



Key Challenges & Priority Actions

Stage 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 Recommended Capital Plan provides \$167.991 million for such State of Good Repair projects as *Waterfront & Valley Erosion Control*, *Waterfront Development* and *Critical Erosion Control & Floodworks*.
- ✓ Out of the total SOGR funding, \$90.000 million was specifically added to address critical erosion issues and damage caused to city-wide properties by various storms.

2015 Capital Budget Highlights

The 2015 Recommended Capital Budget for TRCA of \$14.069 million will provide funding to continue the following major projects:

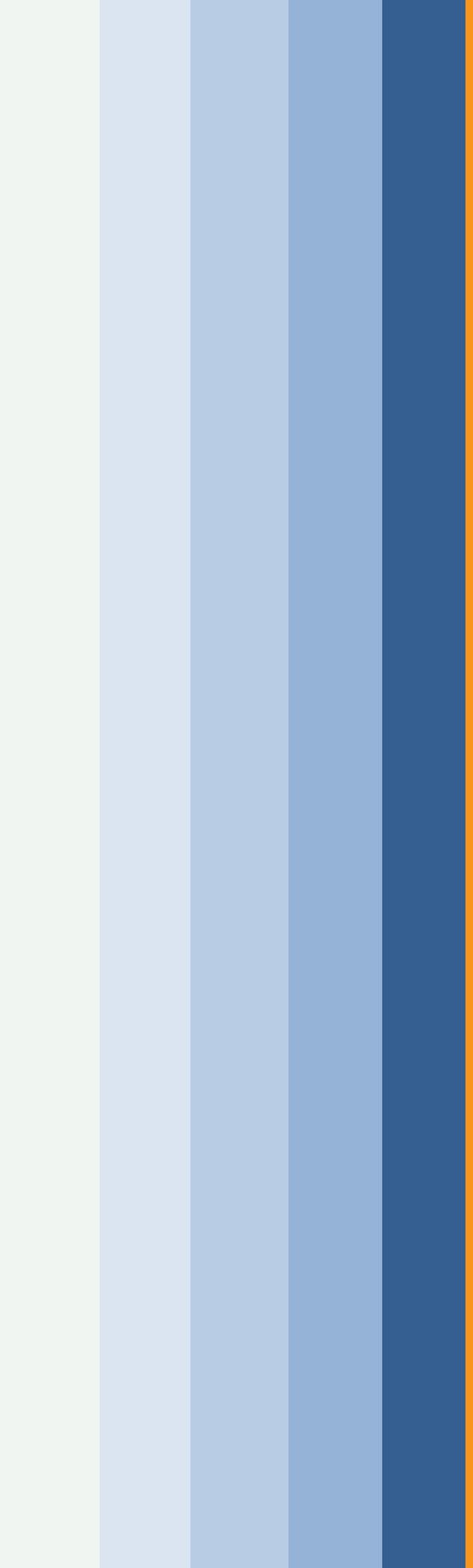
- *Critical Erosion & Floodworks* (\$7 million): funding to address critical erosion control needs and damage caused by various storms.
- *Living City Action Plan* (\$2.674 million): funding for monitoring and re-naturalization of watercourses, water quality and habitat improvements.
- *Waterfront & Valley Erosion Control* (\$1.550 million): funding for valley and shoreline erosion protection initiatives.
- *Waterfront Development* (\$1.473 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 Infrastructure Technology* (\$0.264 million): funding to upgrade and replace TRCA's servers and network devices and operating systems.



Recommendations

The City Manager and Chief Financial Officer recommend that:

1. City Council approve the 2015 Recommended Capital Budget for Toronto and Region Conservation Authority with a total project cost and 2015 cash flow of \$14.069 million.
2. City Council approve the new debt service costs of \$0.050 million in 2015 and incremental debt costs of \$0.306 million in 2016 resulting from the approval of the 2015 Recommended Capital Budget, to be included in the 2015 and future year operating budgets.
3. City Council approve the 2016-2024 Recommended Capital Plan for Toronto and Region Conservation Authority totalling \$155.522 million in project estimates, comprised of \$14.171 million in 2016; \$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; and \$21.084 million in 2024.
4. City Council request that the General Manager of Toronto Water and the Chief Administrative 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.

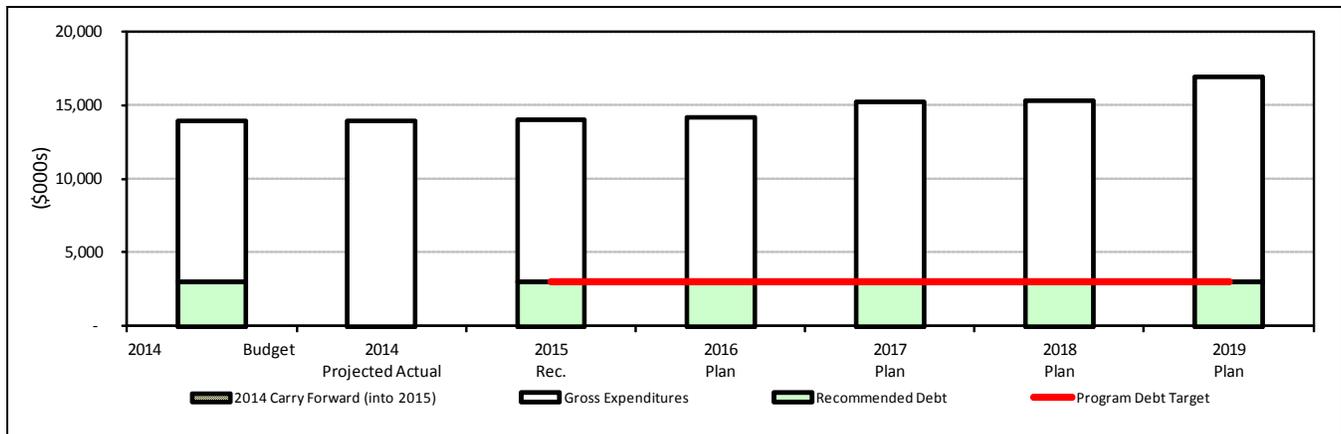


Part I:

10-Year Capital Plan

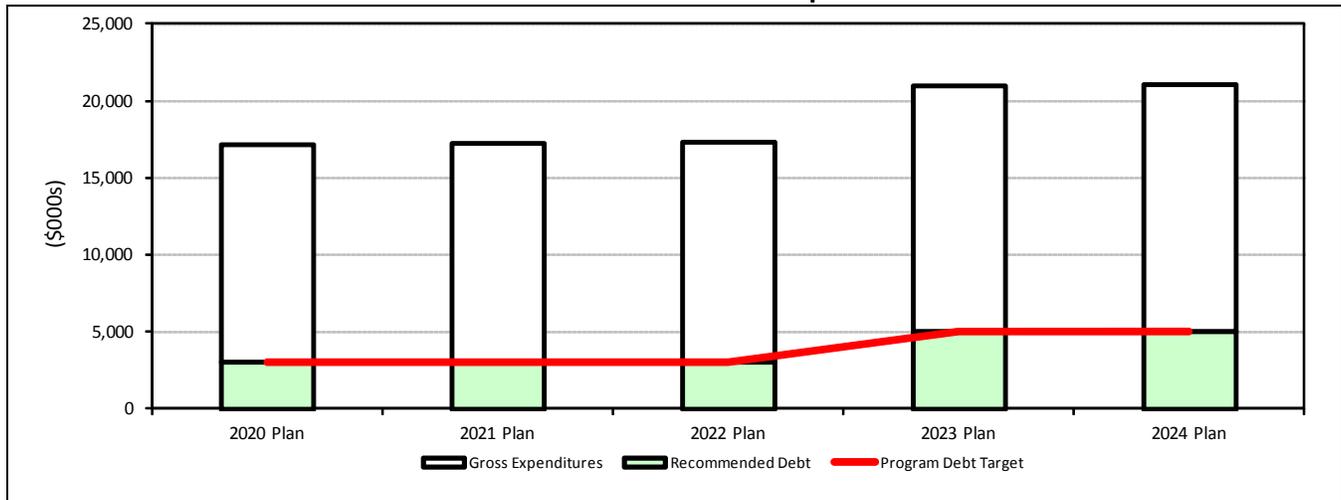
10 Year Capital Plan

Table 1a
2015 Recommended Budget, 2016-2019 Recommended Capital Plan



	2015 Rec'd Capital Budget and 2016 - 2019 Rec'd Capital Plan								
	2014		2015	2016	2017	2018	2019	2015 - 2019	5-Year Total Percent
	Budget	Projected Actual							
Gross Expenditures:									
2014 Capital Budget & Approved FY Commitments	13,970	13,970							
Recommended Changes to Approved FY Commitments									
2015 New/Change in Scope and Future Year Commitments			14,069					14,069	18.5%
2016- 2019 Capital Plan Estimates				14,171	15,275	15,382	16,992	61,820	81.5%
2-Year Carry Forward for Reapproval									
1-Year Carry Forward to 2015									
Total Gross Annual Expenditures & Plan	13,970	13,970	14,069	14,171	15,275	15,382	16,992	75,889	100.0%
Program Debt Target			3,000	3,000	3,000	3,000	3,000	15,000	
Financing:									
Recommended Debt	3,000	3,000	3,000	3,000	3,000	3,000	3,000	15,000	19.8%
Reserves/Reserve Funds									
Development Charges									
Provincial/Federal									
Debt Recoverable									
Other Revenue	10,970	10,970	11,069	11,171	12,275	12,382	13,992	60,889	80.2%
Total Financing			14,069	14,171	15,275	15,382	16,992	75,889	100.0%
By Project Category:									
Health & Safety									
Legislated									
SOGR	13,650	13,650	13,749	13,851	14,955	15,062	16,672	74,289	97.9%
Service Improvement	320	320	320	320	320	320	320	1,600	2.1%
Growth Related									
Total by Project Category	13,970	13,970	14,069	14,171	15,275	15,382	16,992	75,889	100.0%
Asset Value (\$) at year-end		428,213	436,654	441,195	448,227	455,465	462,703		
Yearly SOGR Backlog Estimate (not addressed by current plan)			(8,441)	(7,099)	(9,494)	(9,238)	(10,438)	(44,710)	
Accumulated Backlog Estimate (end of year)		239,497	231,056	223,957	214,463	205,225	194,787	194,787	
Backlog: Percentage of Asset Value (%)		55.9%	52.9%	50.8%	47.8%	45.1%	42.1%		
Debt Service Costs			50	373	396	402	402	1,623	
Operating Impact on Program Costs									
New Positions									

Table 1b
2020 - 2024 Recommended Capital Plan



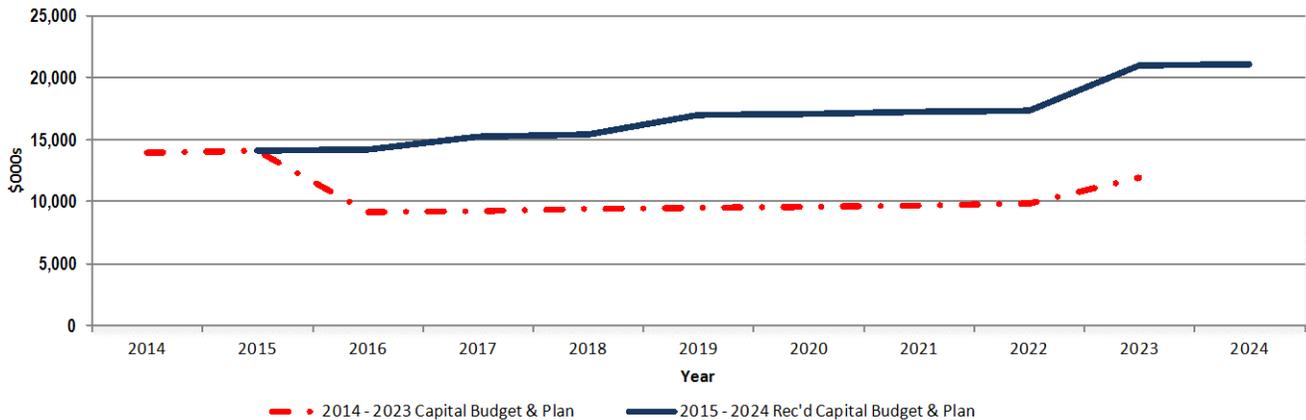
	2020 - 2024 Rec'd Capital Plan						10-Year Total Percent
	2020	2021	2022	2023	2024	2015 - 2024	
Gross Expenditures:							
2014 Capital Budget & Approved FY Commitments						14,069	8.3%
Recommended Changes to Approved FY Commitments							
2015 New/Change in Scope and Future Year Commitments							
2020 - 2024 Capital Plan Estimates	17,104	17,219	17,337	20,958	21,084	155,522	91.7%
Total Gross Annual Expenditures & Plan	17,104	17,219	17,337	20,958	21,084	169,591	100.0%
Program Debt Target	3,000	3,000	3,000	5,000	5,000	34,000	
Financing:							
Recommended Debt	3,000	3,000	3,000	5,000	5,000	34,000	20.0%
Reserves/Reserve Funds							
Development Charges							
Provincial/Federal							
Debt Recoverable							
Other Revenue	14,104	14,219	14,337	15,958	16,084	135,591	80.0%
Total Financing	17,104	17,219	17,337	20,958	21,084	169,591	100.0%
By Project Category:							
Health & Safety							
Legislated							
SOGR	17,104	17,219	17,337	20,958	21,084	167,991	99.1%
Service Improvement						1,600	0.9%
Growth Related							
Total by Project Category	17,104	17,219	17,337	20,958	21,084	169,591	100.0%
Asset Value(\$) at year-end	467,341	470,830	474,068	479,206	484,144		
Yearly SOGR Backlog Estimate (not addressed by current plan)	(10,438)	(7,647)	(3,879)	(13,445)	(13,938)	(94,057)	
Accumulated Backlog Estimate (end of year)	184,349	176,702	172,823	159,378	145,440	145,440	
Backlog: Percentage of Asset Value (%)	39.4%	37.5%	36.5%	33.3%	30.0%		
Debt Service Costs	402	402	402	451	670	3,951	
Operating Impact on Program Costs							
New Positions							

Key Changes to the 2014 - 2023 Approved Capital Plan

The 2015 Recommended Capital Budget and the 2016 - 2024 Recommended Capital Plan reflects an increase of \$63.114 million in capital funding from the 2014 to 2023 Approved Capital Plan.

The table and chart below provide a breakdown of the \$63.114 million increase in the Capital Program on an annual basis from 2014 to 2024.

Chart 1
Changes to the 2014 -2023 Approved Capital Plan (In \$000s)



(\$000s)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10-Year Total
2014 - 2023 Capital Budget & Plan	13,970	14,069	9,171	9,275	9,382	9,492	9,604	9,719	9,837	11,958	-	106,477
2015 - 2024 Rec'd 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
Change %	-	0.0%	54.5%	64.7%	64.0%	79.0%	78.1%	77.2%	76.2%	75.3%	-	59.3%
Change \$	-	0	5,000	6,000	6,000	7,500	7,500	7,500	7,500	9,000	-	63,114

As reflected in Table 2 below, changes to the 2014 – 2023 Approved Capital Plan, specifically the recommended \$56.000 million in increased capital funding in the nine common years of the Capital Plans (2015 – 2023) arise solely from the addition of supplementary Toronto Water funding for the *Critical Erosion Control and Floodworks - Enhancements* project:

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

\$000s	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2015 - 2023 Total
2014 - 2023 Capital Budget & Plan	13,970	14,069	9,171	9,275	9,382	9,492	9,604	9,719	9,837	11,958	-	92,507
2015 - 2024 Rec'd Capital Budget & Plan	-	14,069	14,171	15,275	15,382	16,992	17,104	17,219	17,337	20,958	21,084	148,507
Capital Budget & Plan Changes (2015 - 2023)	-	-	5,000	6,000	6,000	7,500	7,500	7,500	7,500	9,000	-	56,000

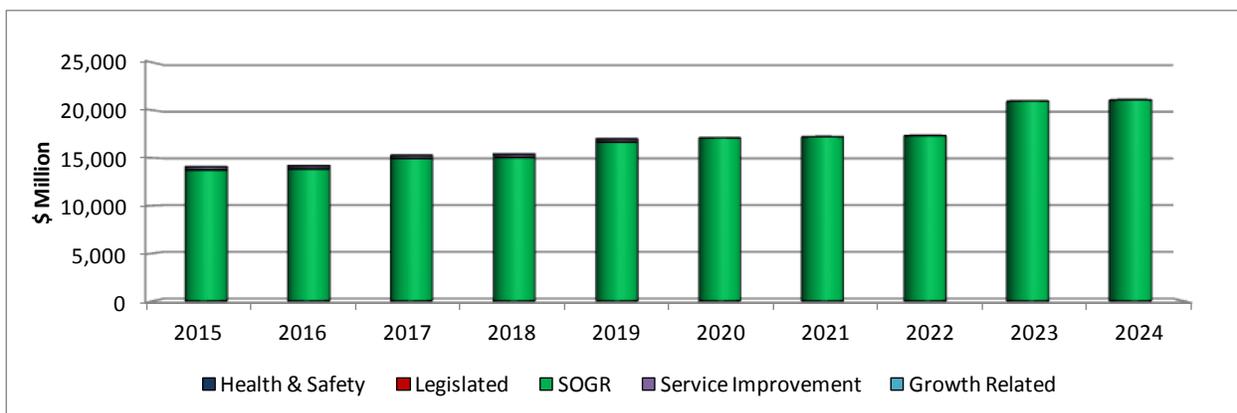
	Total Project Cost	2015	2016	2017	2018	2019	2020	2021	2022	2023	2015 - 2023	2024	Revised Total Project Cost
New													
Critical Erosion Control & Floodworks - Enhancements													
Gibraltar Point	-	-	-	3,500	4,000	4,300	1,700	-	-	-	13,500	-	13,500
Lower Humber Weirs	-	-	-	-	-	-	3,000	1,000	-	-	4,000	-	4,000
Waterfront Major Maintenance	-	-	1,300	500	1,000	1,000	700	1,800	1,700	1,100	9,100	1,400	10,500
Erosion Major Maintenance	-	-	2,900	1,700	900	2,200	2,100	4,700	5,800	7,900	28,200	7,600	35,800
Floodworks Major Maintenance	-	-	800	300	100	-	-	-	-	-	1,200	-	1,200
Total New	-	-	5,000	6,000	6,000	7,500	7,500	7,500	7,500	9,000	56,000	9,000	
Total Changes	-	-	5,000	6,000	6,000	7,500	7,500	7,500	7,500	9,000	56,000	9,000	

Significant Capital Project Changes in TRCA:

The additional investment of \$56.000 million in water rate funding will allow TRCA to carry out the following work:

- Remedial erosion control work to provide long-term protection for the Gibraltar Point Sector of the Toronto Islands, located between the Western Gap and Centre Island, and to develop a long-term, sustainable solution to halt further erosion which will protect existing infrastructure and public safety and both preserve and enhance existing aquatic and terrestrial habitat;
- Erosion control works on the six weirs located on the Humber River between Dundas and Bloor Street which are currently in a deteriorating condition;
- Additional erosion control work to supplement TRCA's ongoing Waterfront Major Maintenance program to provide long-term protection for property and existing infrastructure against the hazards of river erosion and slope instability; and
- Additional erosion control and floodwork work identified through annual inspections.

**Chart 2
2015 – 2024 Capital Plan by Project Category (In \$000s)**



- The 10-Year Recommended Capital Plan for TRCA includes projects that fall into one of the two categories: State of Good Repair (SOGR) and Service Improvements.
- State of Good Repair projects make up the largest category of projects with expenditures totalling \$167.991 million or 99.1% of the total 10-Year Recommended Capital Plan expenditures of \$169.591 million.
 - State of Good Repair projects 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 projects total \$1.600 million or 0.9% of the total planned expenditures in the 10-Year Recommended Capital Plan and include such waterfront development projects as *Tommy Thompson Park* and *Scarborough Shoreline Access*.

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

	Total App'd Cash Flows to Date*	2015 Budget	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2015 - 2024 Total	Rec'd Total Project Cost
Total Expenditures by Category													
State of Good Repair													
Greenspace Land Acquisition	N/A	100	100	100	100	100	100	100	100	100	100	1,000	N/A
Waterfront & Valley Erosion Control	N/A	1,550	1,550	1,550	1,600	1,600	1,600	1,600	1,600	3,600	3,600	19,850	N/A
Black Creek Pioneer Village Retrofit	N/A	350	350	350	350	350	350	350	350	350	350	3,500	N/A
Living City Action Plan	N/A	2,674	2,776	2,880	2,987	3,097	3,209	3,324	3,442	3,563	3,689	31,641	N/A
TRCA Administrative Infrastructure	N/A	658	658	658	658	658	658	658	658	658	658	6,580	N/A
Waterfront Development	N/A	1,153	1,153	1,153	1,103	1,103	1,423	1,423	1,423	1,423	1,423	12,780	N/A
TRCA Infrastructure Technology	N/A	264	264	264	264	264	264	264	264	264	264	2,640	N/A
Critical Erosion Control & Floodworks	N/A	7,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	25,000	N/A
Critical Erosion Control & Floodworks - Enhancements	N/A		5,000	6,000	6,000	7,500	7,500	7,500	7,500	9,000	9,000	65,000	N/A
Sub-Total	-	13,749	13,851	14,955	15,062	16,672	17,104	17,219	17,337	20,958	21,084	167,991	-
Service Improvements													
Waterfront Development												-	
Tommy Thompson Park Mgmt	N/A	240	240	240	240	240						1,200	N/A
Scarborough Shoreline Access	N/A	80	80	80	80	80						400	N/A
Sub-Total	-	320	320	320	320	320	-	-	-	-	-	1,600	-
Total Expenditures by Category	-	14,069	14,171	15,275	15,382	16,992	17,104	17,219	17,337	20,958	21,084	169,591	-

*All TRCA capital projects are ongoing projects without a definitive start and end date. Cashflow for each project is approved for the current year only, hence there is no previously approved cashflows or project costs.

2015 – 2024 Recommended Capital Plan

- The 10-Year Recommended 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)

- The 10-Year Recommended Capital Plan provides funding for the following major SOGR projects:
 - *Waterfront and Valley Erosion Control* project provides funding of \$19.850 million 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.
 - *Living City Action Plan* project provides funding of \$31.641 million for 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* project provides funding of \$12.780 million 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* project provides funding of \$25.000 million 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

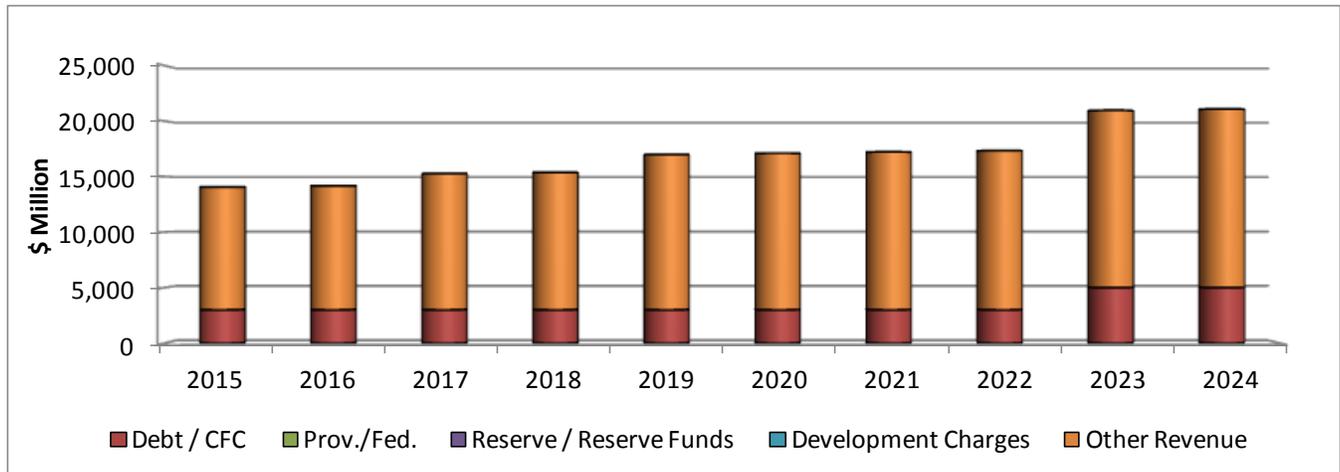
maintenance work at the Yonge-York Mills Channel, Black Creek Channel as well as Sheppard and Malvern Channels; and to address damage to city-wide private and public property caused by various storms.

- *Critical Erosion and Floodworks – Enhancements* project provides funding of \$65.000 million 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

- Funding of \$1.600 million for the Service Improvement projects is allocated to the waterfront parkland development at Tommy Thompson Park and Scarborough Shoreline Access.

Chart 3
2015 – 2024 Capital Plan by Funding Source (In \$000s)



The 10-Year Recommended Capital Plan of \$169.591 million will be financed by the following sources:

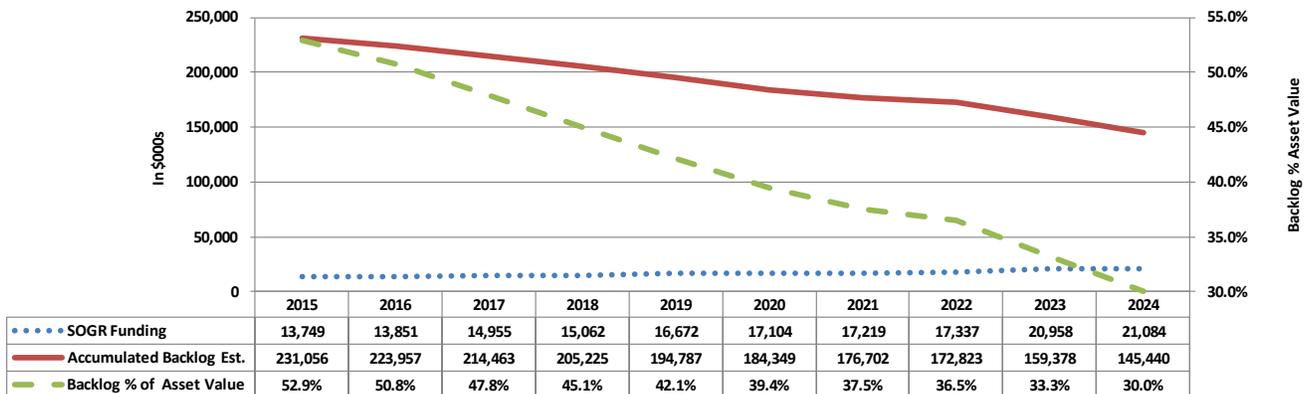
- Debt, which accounts for \$34.000 million or 20% of the financing over the 10-year period and is in line with the debt affordability guideline in each year of the 10-year planning period.
- Toronto Water rate funding, which accounts for \$135.591 million or 80% of the financing over the 10-year period and is comprised of:
 - \$4.069 million for 2015 that escalates by 2.5% annually to partially fund TRCA projects related to water quality and quantity;
 - Supplementary funding of \$7.000 million in 2015 and \$2.000 million in each year from 2016 to 2024 for key projects that will address critical erosion control issues. This funding is transferred from the Toronto Water's *Land Acquisition for Source Water Protection* project.
 - Enhanced critical erosion funding of \$5.000 million in 2016, \$6.000 million in both 2017 and 2018, \$7.500 million in each year from 2019 to 2022 and \$9.000 million in 2023 and 2024.

This enhanced future year funding has been added in 2015 and will also be transferred from the Toronto Water's *Land Acquisition for Source Water Protection* project.

- The Water rate funding represented 70% of the total funding in the 2014 – 2023 Approved Capital Plan compared to 80% of the 2015 – 2024 Recommended Capital Plan, reflecting an increased investment in erosion control and source water protection.

State of Good Repair (SOGR) Backlog

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



The 10-Year Recommended Capital Plan dedicates \$167.991 million to SOGR spending over 10-Year Capital Plan, which on average is \$16.799 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 2014, TRCA will have a backlog of a state of good repair work estimated at \$239.497 million, representing 55.9% of the asset value estimated at \$428.213 million.
 - In 2014, TRCA undertook a major review of the required capital repairs which resulted in a revised SOGR backlog of \$239.497 million by the end of 2014, compared to the SOGR backlog of \$184.724 million projected for 2014 last year.

- 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 Recommended Capital Plan, especially additional critical erosion funding added for 2016 and future years, will reduce SOGR backlog to \$145.440 million or 30% of the asset replacement value in 2024.
- An additional infusion of enhanced critical erosion funding of \$65.000 million from Water rate will allow TRCA to eliminate additional \$53.560 million in accumulated SOGR backlog over the 9 year period between 2015 and 2023, and then an additional \$13.938 million in 2024. Please refer to page 19 for a more detailed discussion on this issue.
- The state of good repair backlog by asset category is presented in the table below:

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

Total	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
State of Good Repair Funding	13,749	13,851	14,955	15,062	16,672	17,104	17,219	17,337	20,958	21,084
Accumulated Backlog Est. (yr end)	231,056	223,957	214,463	205,225	194,787	184,349	176,702	172,823	159,378	145,440
Backlog %Asset Value	52.9%	50.8%	47.8%	45.1%	42.1%	39.4%	37.5%	36.5%	33.3%	30.0%
Asset Value	436,654	441,195	448,227	455,465	462,703	467,341	470,830	474,068	479,206	484,144

Asset Category: Watershed

State of Good Repair Funding	13,499	13,601	14,705	14,812	16,422	16,854	16,969	17,087	20,708	20,834
Accumulated Backlog Est. (yr end)	228,509	221,513	212,113	202,925	192,537	182,149	174,552	170,723	157,328	143,440
Backlog %Asset Value	59.1%	56.6%	53.3%	50.1%	46.7%	43.7%	41.5%	40.3%	36.7%	33.1%
Asset Value (Historical net book value)	386,749	391,187	398,125	405,313	412,501	417,089	420,528	423,716	428,804	433,692

Asset Category: Infrastructure

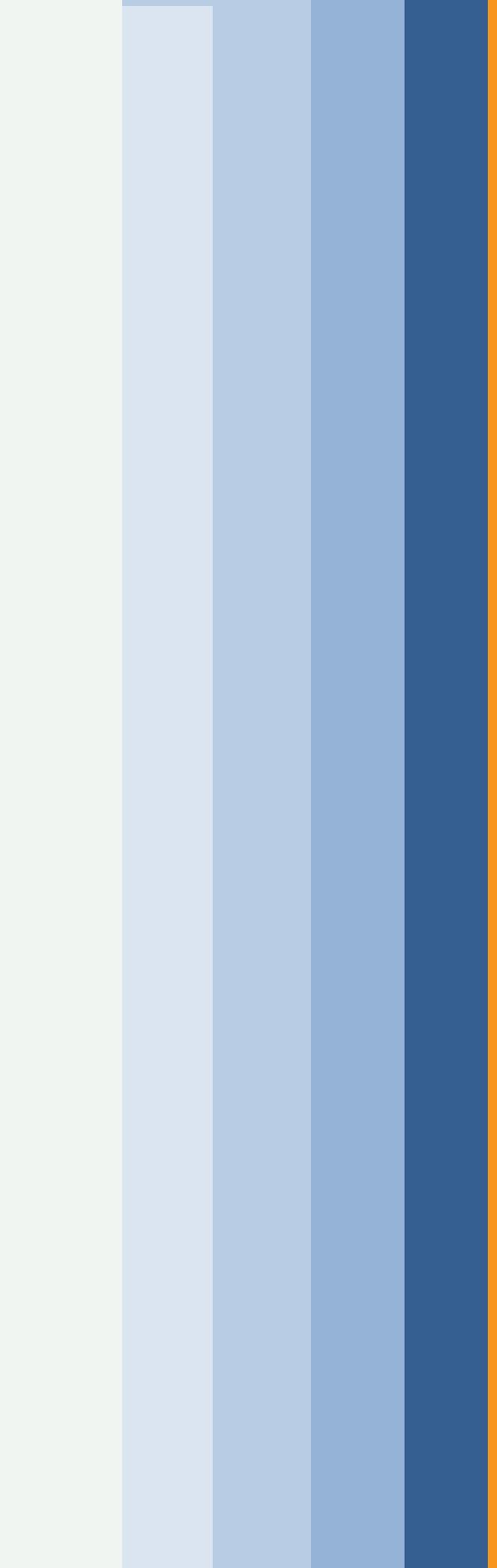
State of Good Repair Funding	250	250	250	250	250	250	250	250	250	250
Accumulated Backlog Est. (yr end)	2,547	2,444	2,350	2,300	2,250	2,200	2,150	2,100	2,050	2,000
Backlog %Asset Value	5.1%	4.9%	4.7%	4.6%	4.5%	4.4%	4.3%	4.2%	4.1%	4.0%
Asset Value (Historical net book value)	49,905	50,008	50,102	50,152	50,202	50,252	50,302	50,352	50,402	50,452

- In 2015, the accumulated state of good repair backlog for watershed assets will be \$228.509 million or 59.1% of their replacement value; and infrastructure related accumulated state of good repair backlog will be valued at \$2.547 million or 5.1% 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 2015. TRCA staff will work closely with PF&R staff to ensure that future year budget submissions identify any operating impacts.

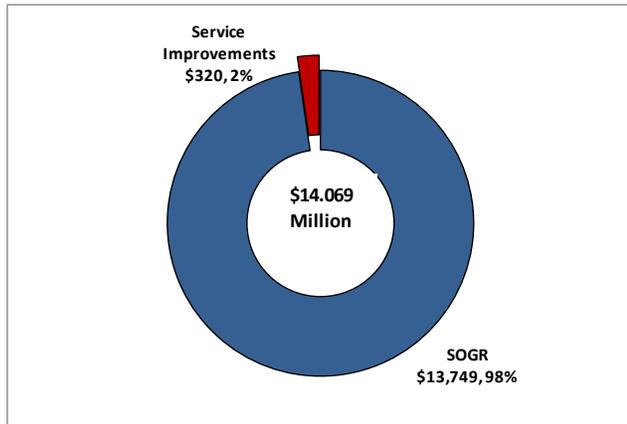


Part II: 2015 Capital Budget

2015 Recommended Capital Budget

2015 Capital Budget by Project Category and Funding Source

2015 Capital Budget by Project Category
(in \$000s)

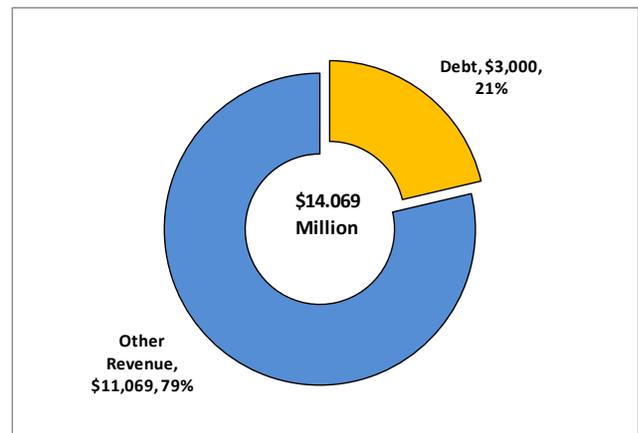


The 2015 Recommended Capital Budget, excluding funding carried forward from 2014 to 2015, requires cash flow funding of \$14.069 million.

The 2015 Capital Budget expenditures are allocated into the following categories:

- *State of Good Repair (SOGR) (\$13.749 million, 97.7%)*
 - In 2015, SOGR projects continue to drive the TRCA's Capital Budget.
 - \$13.749 million in funding will address 100% of the currently identified SOGR project needs, as well as eliminate \$8.441 million of the accumulated SOGR backlog.
- *Service Improvements (\$0.320 million, 2.3%)*
 - \$0.320 million in funding will support Tommy Thompson Park and Scarborough Shoreline Access capital projects.

2015 Capital Budget by Funding Source
(in \$000s)



The 2015 Recommended Capital Budget is financed primarily by:

- *Debt (\$3.000 million, 21.3%)*
 - The recommended debt funding meets the debt affordability guideline of \$3.000 million set for TRCA in 2015.
- *Other Revenues (\$11.069 million, 78.7%)*
 - Other revenues are comprised of \$4.069 million in Water Rate contribution to partially fund TRCA projects related to water quality and quantity and supplementary funding of \$7.000 million from Toronto Water for projects that will address critical erosion control and storm damage issues.

Table 7
2015 Recommended Cash Flow & Future Year Commitments (In \$000s)

	2013 and Prior Year Carry Forwards	2014 Carry Forwards	2015 Rec'd Cash Flow	Total 2015 Cash Flow (Incl 2014 C/Fwd)	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total 2015 Rec'd Cash Flow & FY Commits
Expenditures														
Previously Approved														
Change in Scope														
New			14,069	14,069										14,069
New w/Future Year														
Total Expenditure			14,069	14,069										14,069
Financing														
Debt			3,000	3,000										3,000
Other			11,069	11,069										11,069
Reserves/Res Funds														
Development Charges														
Provincial/Federal														
Total Financing (including carry forward funding)			14,069	14,069										14,069

The 2015 Recommended Capital Budget for TRCA is \$14.069 million and is funded by City debt of \$3.000 million and contributions from Toronto Water of \$11.069 million.

- The 2015 Recommended Capital Budget does not include any carry forward funding as TRCA projects that all 2014 projects will be completed by year-end.
- There are no future year commitments arising from the approval of the 2015 Recommended Capital Budget as there are no multi-year projects recommended for 2015.

2015 Recommended Capital Project Highlights

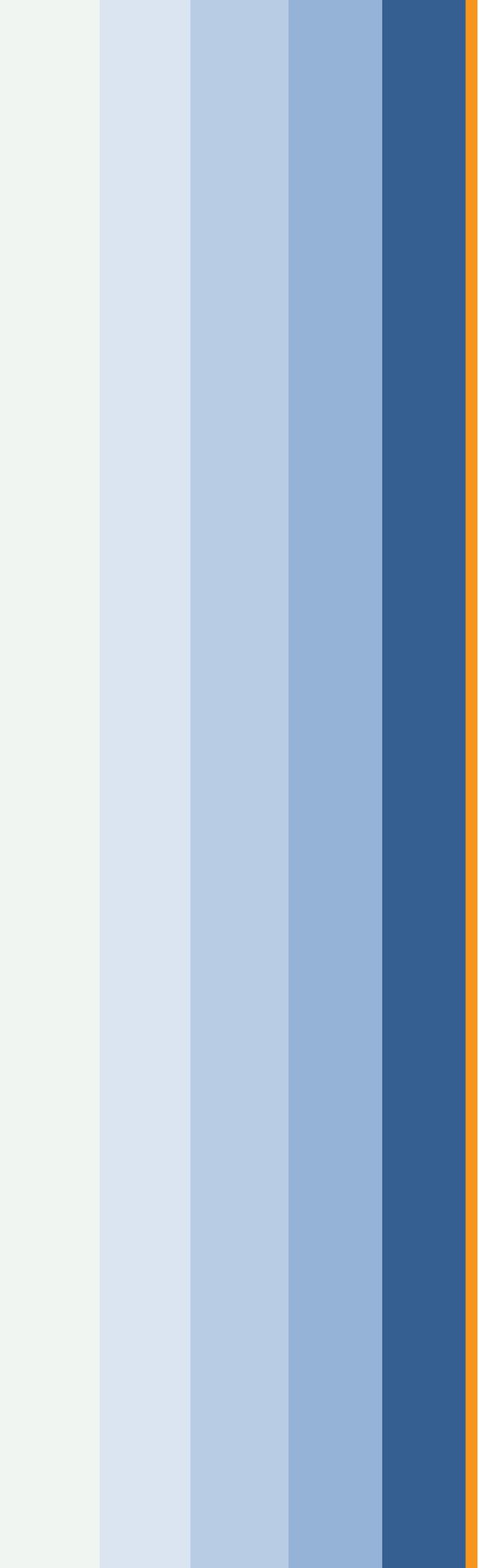
Table 8
2015 Recommended Capital Project Highlights (in \$000s)

Project	Total Project Cost	2015	2016	2017	2018	2019	2015 - 2019	2020	2021	2022	2023	2024	2015 - 2024 Total
Greenspace Land Acquisition	100	100					100						100
TRCA Administrative Infrastructure	658	658					658						658
Waterfront & Valley Erosion Control	1,550	1,550					1,550						1,550
Black Creek Pioneer Village Retrofit	350	350					350						350
Living City Action Plan	2,674	2,674					2,674						2,674
Waterfront Development	1,473	1,473					1,473						1,473
TRCA Information Technology	264	264					264						264
Critical Erosion & Floodworks	7,000	7,000					7,000						7,000
Total (including carry forward funding)	14,069	14,069					14,069						14,069

The 2015 Recommended Capital Budget provides funding of \$14.069 million to continue the following projects:

- *Greenspace Land Acquisition:* The project provides funding of \$0.100 million in 2015 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.

- *TRCA Administrative Infrastructure:* The project provides funding of \$0.658 million in 2015 to develop a long-term office accommodation plan, complete upgrades at 101 Exchange Way Avenue to accommodate TRCA staff move and carry out minor repairs to TRCA's major facilities as required.
- *Waterfront & Valley Erosion Control:* The project allocates funding of \$1.550 million in 2015 for monitoring of all TRCA erosion control structures and identifying maintenance needs for the next year, carrying out maintenance for a number of erosion control structures to preserve structural integrity and protect public safety; as well as planning, design and implementation of major maintenance works on a priority basis on a number of sites within Toronto.
- *Black Creek Pioneer Village:* The project funding of \$0.350 million in 2015 will support addressing urgent aging infrastructure and accessibility issues and carrying out patio repairs and gallery improvements at the Visitors' Centre.
- *Living City Action Plan:* The project allocates funding of \$2.674 million in 2015 to monitoring and re-naturalization of watercourses, water quality and habitat improvements, as well as channel maintenance, flood control works and watershed plans.
- *Waterfront Development:* The project will provide funding of \$1.473 million in 2015 for maintenance dredging and environmental monitoring at the Keating Channel, management of the Tommy Thompson Park, detailed design of repairs for Bluffers Park and Colonel Samuel Smith Park, as well as annual maintenance dredging at the Ashbridge's Bay.
- *TRCA Infrastructure Technology:* The project allocates funding of \$0.264 million in 2015 for 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 & Floodworks:* The project will provide funding of \$7.000 million in 2015 for sediment and vegetation removal for Sheppard Flood Control Channel, completion of erosion control works at 81 and 83 Fishleigh Drive, continuation of erosion control works at a number of sites across Toronto determined by annual inspections and risk assessments.



Part III:

Issues for Discussion

Issues for Discussion

Issues Impacting the 2015 Capital Budget

Additional Critical Erosion Funding

- TRCA's State of Good Repair backlog remains high due to increasing issues related to erosion and damage from high intensity, localized storms.
- To address the growing SOGR backlog and damage from various storms, supplementary funding of \$7.000 million in 2015 and \$2.000 million in each year from 2016 to 2024 was added to the TRCA's 10-Year Capital Plan approved in 2014. This funding is provided from the Toronto Water's *Land Acquisition for Source Water Protection* project.
- TRCA has 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 over the 10 year planning period required to address these needs has been recommended for inclusion in TRCA's 10-Year Recommended Capital Plan.
- This significant investment will be dedicated to providing long-term protection for the Gibraltar Point Sector of the Toronto Islands, carrying out erosion control works on the six weirs 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 light of this additional City investment, it is recommended that the General Manager of Toronto Water and the Chief Administrative 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.

Elimination of Accumulated SOGR Backlog

('000s)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2015-2023	2024
SOGR backlog eliminated through 2014 - 2023 Capital Budget & Plan	2,307	2,502	2,605	2,709	2,726	2,836	2,842	2,956	5,076	26,559	
SOGR backlog eliminated through 2015 - 2024 Rec'd Capital Budget & Plan	8,441	7,099	9,494	9,238	10,438	10,438	7,647	3,879	13,445	80,119	13,938
Difference	6,134	4,597	6,889	6,529	7,712	7,602	4,805	923	8,369	53,560	

- The SOGR funding approved in the 2014-2023 Capital Budget and Plan would have addressed 100% of the currently identified SOGR project needs and, in addition, eliminated \$26.559 million of the accumulated SOGR backlog over the 9 year period, as outlined in the table above.
- The added funding investment from Toronto Water will enable TRCA to elimination \$80.119 million of the accumulated SOGR backlog over the 9 year period between 2015 and 2023, with an additional \$13.938 million eliminated in 2024.
- The enhanced critical erosion and flood protection funding will allow TRCA to address its accumulated SOGR backlog at a faster pace and reduce SOGR backlog from \$239.497 million in 2014 to \$145.440 million or 30% of the asset replacement value by 2024.

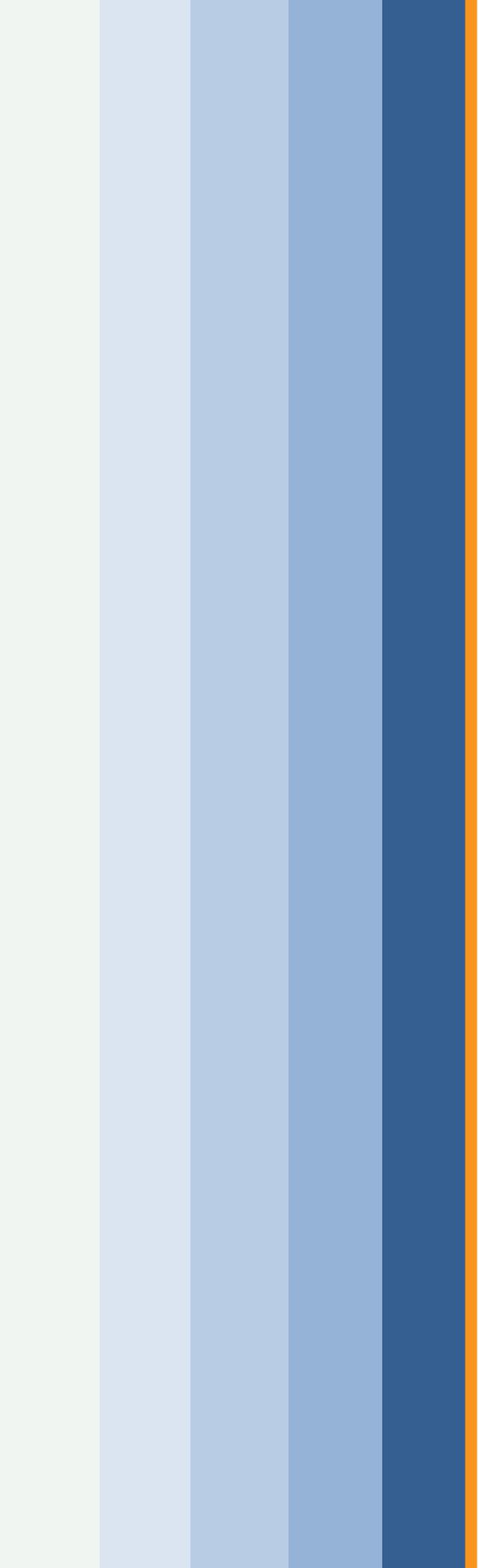
Unfunded Priority Projects - Scarborough Waterfront Access Plan

- 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.
- 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.
- In 2014, funding of \$1.5 million was approved to allow TRCA to begin the environmental assessment work for the Scarborough Waterfront Access Plan. Additional funding of \$1.5 million required to complete the environmental assessment is included in the 2015 Recommended Capital Budget for Toronto Water.
- TRCA has advised that once the environmental assessment is complete and the project scope is finalized, additional funding starting in 2016, as outlined in the table below, will be required for Scarborough Waterfront Trail, erosion control works and land acquisition for source water protection.

Project	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2015-2024 Total
Scarborough Waterfront Access Plan		6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	54,000
Total	0	6,000	54,000								

- Once the results of the environmental assessment become available, TRCA's request will be considered against other City's priorities for capital funding.
- Hence, this project is excluded from TRCA's 2015 Capital Budget and 10-Year Capital Plan at this time.



Appendices:

Appendix 1

2014 Performance

2014 Key Accomplishments

In 2014, TRCA accomplished the following:

- ✓ Completed the Black Creek (Rockcliffe) Flood Protection Environmental Assessment.
- ✓ Completed a pilot project for the development of new/leading edge flood forecasting tools for the Don River watershed utilizing neural network models.
- ✓ Completed detailed geotechnical investigations for 132 properties and acquired the bluff hazard property at 1 Midland Avenue in Scarborough.
- ✓ Completed meadow enhancements at East Point Park, aquatic and terrestrial enhancements at Tommy Thompson Park; and essential habitat creation at Toronto Islands, Humber Estuary, Bluffer's Park and East Point Park.
- ✓ Installed an automated parking lot system at Black Creek Pioneer Village to increase revenue and improve security and safety.
- ✓ Finalized TRCA staff relocation projects at Swan Lake and the new interim TRCA head office.
- ✓ Launched an Individual Environmental Assessment for the Scarborough Waterfront Project in July 2014, with the goal of integrating existing and future shoreline erosion protection works in the creation of a system of linked public spaces along the shoreline between Bluffer's Park and East Point Park.
- ✓ Started pre-planning of critical erosion control and floodworks projects, such as the development of workplans and preliminary budgets, and the inspection of hazard priority sites first identified to TRCA following the July 8th, 2013 storm event.

2014 Financial Performance

Table 9
2014 Budget Variance Analysis (In \$000's)

2014 Approved	As of Sept. 30, 2014		Projected Actuals at Year End		Unspent Balance	
\$	\$	% Spent	\$	% Spent	\$ Unspent	% Unspent
13,970	10,478	75.0%	13,970	100.0%	-	0.0%

2014 Experience

- TRCA received \$10.478 million or 75% of its 2014 Approved Capital Budget of \$13.970 million from the City of Toronto during the nine months ended September 30, 2014.
- All projects are on track and TRCA anticipates that the 2014 Approved Budget will be fully spent by year-end.

Impact of the 2014 Capital Variance on the 2015 Recommended Budget

- There is no impact of the 2014 Capital Variance on the 2015 Recommended Budget.

Appendix 2

Table 10
2015 Rec'd Capital Budget; 2016 to 2024 Rec'd Capital Plan
(\$000s)

Project	Total Project Cost	2015	2016	2017	2018	2019	2015 - 2019	2020	2021	2022	2023	2024	2015 - 2024 Total
Greenspace Land Acquisition	1,000	100	100	100	100	100	500	100	100	100	100	100	1,000
TRCA Administrative Infrastructure	6,580	658	658	658	658	658	3,290	658	658	658	658	658	6,580
Waterfront & Valley Erosion Control	19,850	1,550	1,550	1,550	1,600	1,600	7,850	1,600	1,600	1,600	3,600	3,600	19,850
Black Creek Pioneer Village Retrofit	3,500	350	350	350	350	350	1,750	350	350	350	350	350	3,500
Living City Action Plan	31,641	2,674	2,776	2,880	2,987	3,097	14,414	3,209	3,324	3,442	3,563	3,689	31,641
Waterfront Development	14,380	1,473	1,473	1,473	1,423	1,423	7,265	1,423	1,423	1,423	1,423	1,423	14,380
TRCA Information Technology	2,640	264	264	264	264	264	1,320	264	264	264	264	264	2,640
Critical Erosion & Floodworks	25,000	7,000	2000	2000	2000	2000	15,000	2000	2000	2000	2000	2000	25,000
Critical Erosion & Floodworks - Enhancements	65,000		5,000	6,000	6,000	7,500	24,500	7,500	7,500	7,500	9,000	9,000	65,000
Total (including carry forward funding)	169,591	14,069	14,171	15,275	15,382	16,992	75,889	17,104	17,219	17,337	20,958	21,084	169,591

Appendix 3
2015 Rec'd Capital Budget; 2016 to 2024 Rec'd Capital Plan

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: 2015 Recommended Capital Budget; 2016 to 2024 Recommended Capital Plan

Toronto & Region Conservation Authority

Sub- Project No. Project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By											
						2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	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	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	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	12,000	12,000	0	0	0	0	0	0	4,000	0	8,000	0	12,000	
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	1,150	1,200	1,200	5,850	0	5,850	0	0	0	0	0	2,925	0	2,925	0	5,850	
Sub-total						1,550	1,550	1,550	1,600	1,600	7,850	12,000	19,850	0	0	0	0	0	7,925	0	11,925	0	19,850	
TRC000195 BLACK CREEK PIONEER VILLAGE RETROFIT																								
1	6	Retrofit Activities for 2009+	08	S5	03	300	300	300	300	300	1,500	0	1,500	0	0	0	0	0	0	0	1,500	0	1,500	
3	7	Visitor Centre Active 2009+	08	S5	03	50	50	50	50	50	250	0	250	0	0	0	0	0	0	0	250	0	250	
0	9	Post Current 5 year Project	01	S6	03	0	0	0	0	0	1,750	1,750	0	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	17,227	17,227	0	0	0	0	0	0	17,227	0	0	0	17,227	
11	21	Sustainable Communities 2008+	CW	S5	03	849	859	771	779	872	4,130	0	4,130	0	0	0	0	0	4,130	0	0	0	4,130	
7	23	Watershed Monitoring/Terrestrial Natural 2008+	CW	S5	03	460	512	507	507	507	2,493	0	2,493	0	0	0	0	0	2,493	0	0	0	2,493	
12	24	Regional Watershed Management 2008+	CW	S5	03	947	975	1,159	1,246	1,250	5,577	0	5,577	0	0	0	0	0	5,577	0	0	0	5,577	
1	25	Regeneration Sites 2008+	CW	S5	03	418	430	443	455	468	2,214	0	2,214	0	0	0	0	0	2,214	0	0	0	2,214	
Sub-total						2,674	2,776	2,880	2,987	3,097	14,414	17,227	31,641	0	0	0	0	0	31,641	0	0	0	31,641	
TRC16 WATERFRONT DEVELOPMENT																								
13	21	ACTIVE Wtrfrnt Dev:POST CURRENT 5 YEAR-ALL	CW	S6	03	0	0	0	0	0	7,115	7,115	0	0	0	0	0	0	2,475	0	4,640	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	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	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	1,200	

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: 2015 Recommended Capital Budget; 2016 to 2024 Recommended Capital Plan

Toronto & Region Conservation Authority

						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By												
Sub-Project No.	Project Name	Ward	Stat.	Cat.		2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable	Total Financing		
TRC16 WATERFRONT DEVELOPMENT																									
2	40	Wtrfrnt Dev :Information Management	CW	S5	03	50	50	50	50	50	250	0	250	0	0	0	0	0	0	0	0	250	0	250	
5	41	Wtrfrnt Dev :Ashbridges Bay	32	S5	03	300	300	300	250	250	1,400	0	1,400	0	0	0	0	0	0	700	0	700	0	1,400	
12	43	Tommy Thompson- Cell 2 Capping Phase 1	30	S5	03	50	50	50	50	50	250	0	250	0	0	0	0	0	0	250	0	0	0	250	
4	47	Base Scarborough Shoreline Access	CW	S5	04	80	80	80	80	80	400	0	400	0	0	0	0	0	0	0	0	400	0	400	
0	48	Waterfront Development ongoing Major Maintenance	CW	S5	03	188	188	188	188	188	940	0	940	0	0	0	0	0	0	0	0	940	0	940	
Sub-total						1,473	1,473	1,473	1,423	1,423	7,265	7,115	14,380	0	0	0	0	0	0	5,025	0	9,355	0	14,380	
TRC906093 TRCA INFORMATION TECHNOLOGY																									
1	4	Info Technology:Replacement items 2008+	CW	S5	03	264	264	264	264	264	1,320	1,320	2,640	0	0	0	0	0	0	0	0	2,640	0	2,640	
Sub-total						264	264	264	264	264	1,320	1,320	2,640	0	0	0	0	0	0	0	0	0	2,640	0	2,640
TRC907697 CRITICAL EROSION CONTROL & FLOODWOR																									
3	4	Layer1:Flood Control:Hoggs,G.Ross,Black Cr Channel	25	S5	03	1,000	200	200	200	200	1,800	1,000	2,800	0	0	0	0	0	0	2,800	0	0	0	2,800	
0	21	Layer 1:EC 1Midland- 83 Fishleigh	35	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	
0	22	Layer1:More Waterfront Major Maintenance/Strategy	CW	S6	03	0	0	0	0	0	0	2,600	2,600	0	0	0	0	0	0	2,600	0	0	0	2,600	
0	28	Layer1:EC 447-449 GUILDWOOD PARKWAY	41	S5	03	1,500	600	0	0	0	2,100	0	2,100	0	0	0	0	0	0	2,100	0	0	0	2,100	
0	29	Layer1:Valley EC Hazards / July 8/13 Storm	CW	S5	03	3,200	1,200	1,800	1,800	1,800	9,800	6,400	16,200	0	0	0	0	0	0	16,200	0	0	0	16,200	
Sub-total						7,000	2,000	2,000	2,000	2,000	15,000	10,000	25,000	0	0	0	0	0	0	25,000	0	0	0	25,000	
TRC908079 TRCA ADMINISTRATIVE INFRASTRUCTURE PF																									
0	1	Former Major Facilities Project now consolidated	CW	S5	03	460	460	460	460	460	2,300	2,300	4,600	0	0	0	0	0	0	0	0	4,600	0	4,600	
0	2	Former Public use now consolidated	CW	S5	03	198	198	198	198	198	990	990	1,980	0	0	0	0	0	0	0	0	1,980	0	1,980	
Sub-total						658	658	658	658	658	3,290	3,290	6,580	0	0	0	0	0	0	0	0	0	6,580	0	6,580
TRC908135 CRITICAL EROSION #2 WATER FUNDED ENHA																									
0	1	Layer 2 : Gibraltar Point Erosion	34	S6	03	0	0	3,500	4,000	4,300	11,800	1,700	13,500	0	0	0	0	0	0	13,500	0	0	0	13,500	
0	2	Layer 2: Extra Flloodworks Major Maintenance	CW	S6	03	0	800	300	100	0	1,200	0	1,200	0	0	0	0	0	0	1,200	0	0	0	1,200	
0	3	Layer 2: Extra Erosion Major Maintenance	CW	S6	03	0	2,900	1,700	900	2,200	7,700	28,100	35,800	0	0	0	0	0	0	35,800	0	0	0	35,800	
0	4	Layer 2: Lower Humber Weir Removals	05	S6	03	0	0	0	0	0	0	4,000	4,000	0	0	0	0	0	0	4,000	0	0	0	4,000	

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: 2015 Recommended Capital Budget; 2016 to 2024 Recommended 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												
						2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	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 ENHA																								
0	5	Layer 2: Extra Waterfront Major Maintenance	CW	S6	03	0	1,300	500	1,000	1,000	3,800	6,700	10,500	0	0	0	0	0	0	10,500	0	0	0	10,500
Sub-total						0	5,000	6,000	6,000	7,500	24,500	40,500	65,000	0	0	0	0	0	0	65,000	0	0	0	65,000
Total Program Expenditure						14,069	14,171	15,275	15,382	16,992	75,889	93,702	169,591	0	0	0	0	0	0	135,591	0	34,000	0	169,591

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 S5,S6 Part C Sub-Project Status S2,S3,S4

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: 2015 Recommended Capital Budget; 2016 to 2024 Recommended 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							
Sub-Project No.	Project Name	Ward	Stat.	Cat.		Total	Total	Total	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserve Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
Priority	SubProj No.	Sub-project Name			2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024							
Financed By:																			
	Other1 (Internal)				11,069	11,171	12,275	12,382	13,992	60,889	74,702	135,591	0	0	0	0	0	0	135,591
	Debt				3,000	3,000	3,000	3,000	3,000	15,000	19,000	34,000	0	0	0	0	0	0	34,000
Total Program Financing					14,069	14,171	15,275	15,382	16,992	75,889	93,702	169,591	0	0	0	0	0	0	169,591

Status Code	Description
S2	S2 Prior Year (With 2015 and/or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2015 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 2016 & 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

2015 Recommended Cash Flow and Future Year Commitments

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2015 Recommended 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													
						2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
<u>TRC000003 GREENSPACE LAND ACQUISITION (Toronto Sh</u>																									
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	
<u>TRC000017 WATERFRONT & VALLEY EROSION CONTROL</u>																									
0	71	Shoreline Monitoring & Maintenance 2009 and on	CW	S5	03	400	0	0	0	0	400	0	400	0	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	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	0	775	0	775	0	1,550	
<u>TRC000195 BLACK CREEK PIONEER VILLAGE RETROFIT</u>																									
1	6	Retrofit Activities for 2009+	08	S5	03	300	0	0	0	0	300	0	300	0	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	0	50	0	50	
Sub-total						350	0	0	0	0	350	0	350	0	0	0	0	0	0	0	0	0	350	0	350
<u>TRC000315 LIVING CITY ACTION PLAN (Formerly T.O.RAP</u>																									
11	21	Sustainable Communities 2008+	CW	S5	03	849	0	0	0	0	849	0	849	0	0	0	0	0	0	849	0	0	0	849	
7	23	Watershed Monitoring/Terrestrial Natural 2008+	CW	S5	03	460	0	0	0	0	460	0	460	0	0	0	0	0	0	460	0	0	0	460	
12	24	Regional Watershed Management 2008+	CW	S5	03	947	0	0	0	0	947	0	947	0	0	0	0	0	0	947	0	0	0	947	
1	25	Regeneration Sites 2008+	CW	S5	03	418	0	0	0	0	418	0	418	0	0	0	0	0	0	418	0	0	0	418	
Sub-total						2,674	0	0	0	0	2,674	0	2,674	0	0	0	0	0	0	2,674	0	0	0	2,674	
<u>TRC16 WATERFRONT DEVELOPMENT</u>																									
3	37	Wtrfrnt Dev:Environmental Monitoring & Maintenance	CW	S5	03	245	0	0	0	0	245	0	245	0	0	0	0	0	0	0	0	245	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	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	0	0	240	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	0	0	50	0	50	
5	41	Wtrfrnt Dev :Ashbridges Bay	32	S5	03	300	0	0	0	0	300	0	300	0	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	0	50	0	0	0	50	
4	47	Base Scarborough Shoreline Access	CW	S5	04	80	0	0	0	0	80	0	80	0	0	0	0	0	0	0	0	80	0	80	

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2015 Recommended Cash Flow and Future Year Commitments

Toronto & Region Conservation Authority

Sub- Project No. Project Name Priority SubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments						Current and Future Year Cash Flow Commitments Financed By												
						2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	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	1,000	0	0	0	0	1,000	0	1,000	0	0	0	0	0	1,000	0	0	0	1,000	
0	21	Layer 1:EC 1Midland- 83 Fisleigh	35	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	
0	28	Layer1:EC 447-449 GUILDWOOD PARKWAY	41	S5	03	1,500	0	0	0	0	1,500	0	1,500	0	0	0	0	0	1,500	0	0	0	1,500	
0	29	Layer1:Valley EC Hazards / July 8/13 Storm	CW	S5	03	3,200	0	0	0	0	3,200	0	3,200	0	0	0	0	0	3,200	0	0	0	3,200	
Sub-total						7,000	0	0	0	0	7,000	0	7,000	0	0	0	0	0	7,000	0	0	0	7,000	
TRC908079 TRCA ADMINISTRATIVE 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	658	0	658	
Total Program Expenditure						14,069	0	0	0	0	14,069	0	14,069	0	0	0	0	0	0	11,069	0	3,000	0	14,069

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2015 Recommended Cash Flow and Future Year Commitments

Toronto & Region Conservation Authority

Sub- Project No. Project Name Priority SubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments and Estimates						Current and Future Year Cash Flow Commitments and Estimates Financed By										
						2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserve Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt
Financed By:																						
Other1 (Internal)						11,069	0	0	0	0	11,069	0	11,069	0	0	0	0	11,069	0	0	0	11,069
Debt						3,000	0	0	0	0	3,000	0	3,000	0	0	0	0	3,000	0	0	3,000	
Total Program Financing						14,069	0	0	0	0	14,069	0	14,069	0	0	0	0	11,069	0	3,000	0	14,069

Status Code	Description
S2	S2 Prior Year (With 2015 and/or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2015 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
2015 Recommended 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: 2015 Recommended Capital Budget with Financing Details
Toronto & Region Conservation Authority
Sub-Project Summary

Project/Financing Priority Project	Project Name	Start Date	Completion Date	2015	Financing										
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable	
8 TRC000003 GREENSPACE LAND ACQUISITION (Toronto Share)															
1	5 Greenspace Land Acquisition (active 09+)	01/01/2001	01/01/2024	100	0	0	0	0	0	0	0	100	0	0	0
	Project Sub-total:			100	0	0	0	0	0	0	0	100	0	0	0
13 TRC907697 CRITICAL EROSION CONTROL & FLOODWORKS NEEDS															
0	21 Layer 1:EC 1Midland- 83 Fishleigh	05/17/2012	05/17/2015	1,300	0	0	0	0	0	0	1,300	0	0	0	0
0	28 Layer1:EC 447-449 GUILDWOOD PARKWAY	05/17/2013	05/17/2015	1,500	0	0	0	0	0	0	1,500	0	0	0	0
0	29 Layer1:Valley EC Hazards / July 8/13 Storm	05/17/2014	05/17/2024	3,200	0	0	0	0	0	0	3,200	0	0	0	0
3	4 Layer1:Flood Control:Hoggs,G.Ross,Black Cr Channel	08/17/2010	08/17/2024	1,000	0	0	0	0	0	0	1,000	0	0	0	0
	Project Sub-total:			7,000	0	0	0	0	0	0	7,000	0	0	0	0
Program Total:				14,069	0	0	0	0	0	0	11,069	0	3,000	0	0

Status Code Description
 S2 S2 Prior Year (With 2015 and/or Future Year Cashflow)
 S3 S3 Prior Year - Change of Scope 2015 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