

CAPITAL PROGRAM SUMMARY



Toronto Water

2015 – 2024 CAPITAL BUDGET AND PLAN OVERVIEW

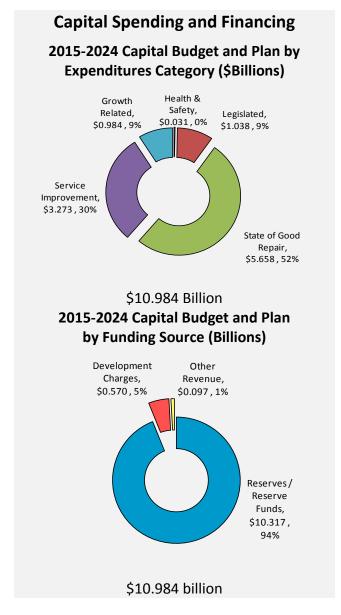
Toronto Water is responsible for water treatment and supply; wastewater collection and treatment; and stormwater management across the City. It services 3.4 million residents and businesses in Toronto and portions of York and Peel Region.

The estimated replacement value of Toronto Water's inventory of capital assets is \$28.256 billion. Toronto Water maintains two categories of capital assets, linear infrastructure, such as distribution (5,501 km) and transmission (549 km) watermains, sanitary (3,935 km), combined (1,524 km) and storm (4,969 km) sewers; and facilities/plant assets such as water filtration (4) and waste water treatment plants (4), water (18) and wastewater pumping stations (84), reservoirs, storage and detention tanks.

While the State of Good Repair (SOGR) projects remain a priority given the significant backlog in infrastructure renewal, considerable funding is added in the 2015-2024 Capital Budget and Plan to increase investments in the underfunded Basement Flooding Protection and Wet Weather Flow Master Plan projects.

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Where does the money go?

The 2015–2024 Capital Budget and Plan totals \$10.984 billion and provides funding for:

- Approximately \$6.726 billion or 61% of total funding for on-going state of good repair projects (including health and safety) for linear infrastructure and treatment facilities that are the primary focus of the 10-Year Capital Plan.
- The remaining funding totalling \$4.258 billion or 39% is for Service Improvement and Growth Related projects. The most significant undertakings are Basement Flooding Protection Program to reduce the risk of future flooding from extreme storm events (\$1.547 billion) and Wet Weather Flow Master Plan to improve water quality and city's environments (\$1.0 billion).

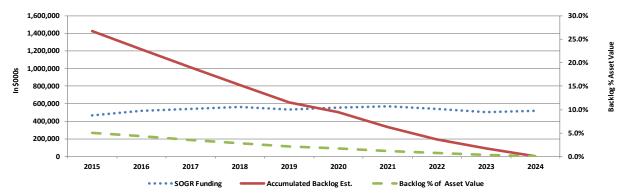
Where does the money come from?

The 10-year Capital Plan is funded primarily from the Program's capital reserves, which account for approximately 94% of financing sources or \$10.317 billion.

 Over the 10-year planning horizon, Toronto Water continues to be 100% self-sustaining requiring no debenture financing and having no impact on the municipal property tax levy.

State of Good Repair Backlog

The 10-Year Capital Plan's spending on State of Good Repair of \$5.658 billion will eliminate the backlog from 5.8% as a percentage of asset value to 0% by 2024 (2013 estimate).



toronto.ca/budget 2015

Key Challenges and Priority Actions

Aging Infrastructure – Capital renewal backlog is estimated at \$1.641 billion (2013 estimates).

✓ The 10-Year Capital Plan funding of \$5.658 billion for SOGR will eliminate accumulated backlog.

Strict Regulatory Control and Oversight – The water and wastewater industry continues to experience increased legislative and regulatory reform.

✓ The 10-Year Capital Plan includes funding of \$198.3 million for a
design and construction of a new effluent disinfection system at
the Ashbridges Bay Water Treatment Plant to meet the most
recent federal regulations.

Extreme Weather Events - Significant Long-Term Unfunded Pressures Approximately \$766 million in unfunded capital pressures over the 10-year planning horizon (with another \$1.87 billion post 2023) has been identified, most notably to manage basement flooding across the City, which is being caused by more frequent severe storms.

✓ The 10-Year Capital Plan includes an added \$654.572 million for Basement Flooding and Wet Weather Flow projects that will help City's resiliency to extreme weather events, made possible by water rates.

Long-term Financial Sustainability - The 10-Year Capital Plan relies primarily on successive water rate increases, based on the 2014 Council's direction to reflect a water rate increase of 8% in the years 2015, 2016 and 2017 for planning purposes.

✓ In addition to water rate increases of 8% in the years 2015 and 2016 and 5% in 2017 and 2018, a report titled "Stormwater Charge as a Funding Option for Investing in Toronto Water Infrastructure" will be presented for consideration in early 2015 to support Toronto Water's financial sustainability for stormwater management projects.

2015 Capital Budget Highlights

The 2015 Capital Budget provides funding of \$782.403 (including carry forward funding) million to:

- ✓ Continue state of good repair projects to address infrastructure renewal such as District Watermain Replacement and Rehabilitation (\$126.861 million), Sewer System Replacement and Rehabilitation (\$57.282 million) and Reservoir and Pumping Station (\$12.159 million);
- ✓ Continue the Basement Flooding Protection projects (\$62.965 million), implementation of the Wet Weather Flow Master Plan (\$47.918 million), and Erosion Control projects (\$12.569 million)
- ✓ Begin the R.C Harris Water Treatment Plant's Rehabilitation of the Settling Basin Roof (\$25.0 million).









Council Approved Budget

City Council approved the following recommendations:

- 1. City Council approve the 2015 Capital Budget for Toronto Water with a total project cost of \$1.123 billion, and 2015 cash flow of \$785.243 million and future year commitments of \$2.983 billion comprised of the following:
 - a) New Cash Flow Funds for:
 - 286 new / change in scope sub-projects with a 2015 total project cost of \$1.123 billion that requires cash flow of \$45.611 million in 2015 and increases in future year cash flow commitments of \$218.605 million in 2016; \$227.416 million for 2017; \$173.716 million for 2018; \$111.014 million for 2019; \$129.441 million for 2020; \$119.762 million for 2021; \$29.548 million for 2022; \$28.368 million for 2023 and \$39.930 million for 2024.
 - ii. 219 previously approved sub-projects with a 2015 cash flow of \$683.650 million; and future years cash flow commitments of \$630.161 million in 2016; \$527.741 million for 2017; \$294.364 million for 2018; \$186.100 million for 2019; \$91.861 million for 2020; \$65.631 million for 2021; \$56.959 million for 2022; and \$52.152 million for 2023; and
- 2. 2014 approved cash flow for 122 previously approved sub-projects with carry forward funding from 2014 into 2015 totalling \$55.982 million.
- 3. City Council approve the 2016-2024 Capital Plan for Toronto Water totalling \$7.272 billion in project estimates, comprised of \$152.261 million in 2016; \$312.723 million for 2017; \$707.787 million for 2018; \$937.190 million for 2019; \$990.135 million for 2020; \$1.060 billion for 2021; \$1.082 billion for 2022; \$998.658 million for 2023; and \$1.032 billion in 2024.
- 4. City Council consider the operating costs of \$0.820 million net in the 2015, (\$898.2 million) net in 2016; (\$0.121 million) net in 2017; \$5.895 million net in 2018; \$5.895 million net in 2019; \$2.504 million net in 2020; and \$0.050 million net in 2021 resulting from the approval of the 2015 Capital Budget for inclusion in the 2015 and future year operating budgets.
- 5. City Council approve 3 temporary capital positions for the delivery of new 2015 capital projects and that the duration for each temporary position not exceed the life and funding of its respective project / sub-project.
- 6. City Council request the Deputy City Manager and Chief Financial Officer in consultation with the General Manager, Toronto Water to advance the 2016 cashflow for the Basement Flooding projects into 2015, should it become evident that greater than planned volume of work can be completed, and that the 2016 2024 budgeted cash flows be adjusted accordingly as part of the 2016 Budget process.
- 7. City Council request General Manager, Toronto Water to report back with an update on the state of good repair backlog as part of the 2016 Budget Process.
- 8. City Council request the General Manager, Toronto Water to initiate and expedite the completion of new Basement Flooding Protection Environmental Assessment studies for the remainder of the City, specifically identified as Study Areas 42 through 67 and in the order of priority as shown in Schedule A to the report (December 18, 2014) from the General Manager, Toronto Water.
- 9. 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.

Part I:
10-Year Capital Plan

10 Year Capital Plan

Table 1a 2015 Budget, 2016-2019 Plan

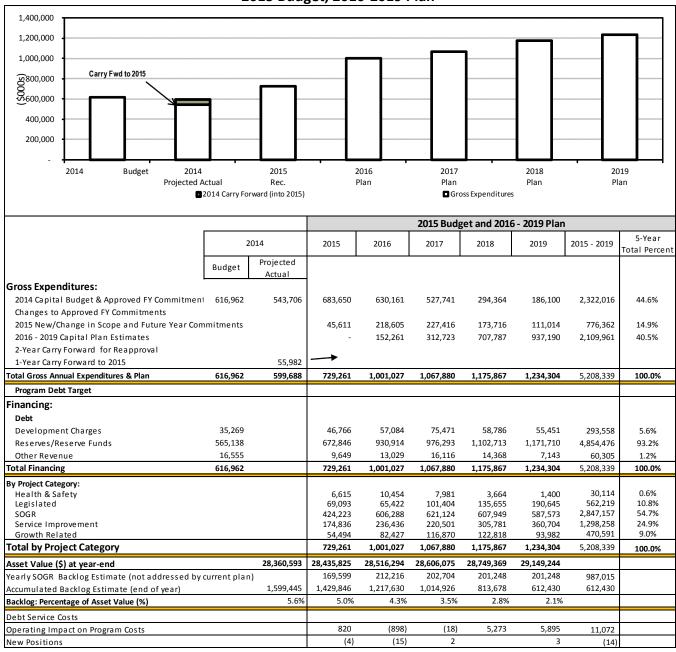
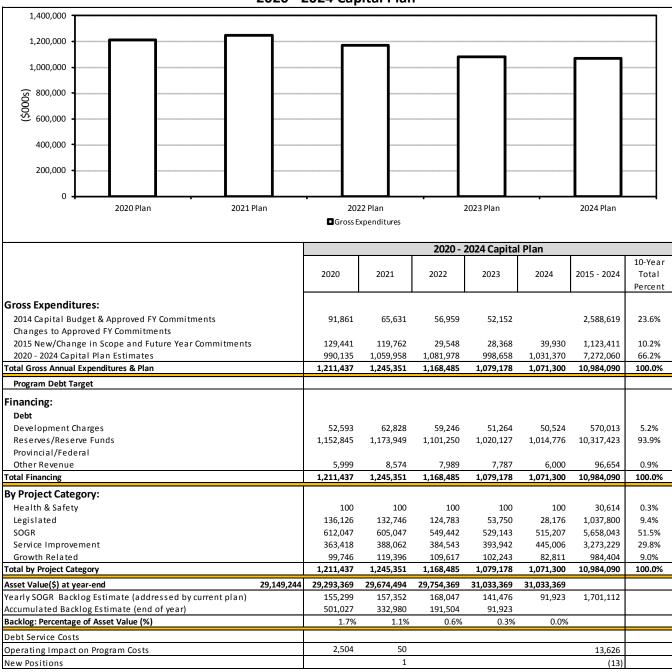


Table 1b 2020 - 2024 Capital Plan

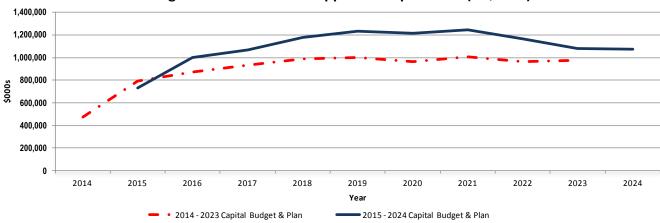


Key Changes to the 2014 - 2023 Approved Capital Plan

The 2015 Capital Budget and the 2016 - 2024 Capital Plan reflects an increase of \$2.003 billion or 22% in capital funding from the 2014 to 2023 Approved Capital Plan.

The table and chart below provide a breakdown of the Capital Program changes on an annual basis from 2014 to 2024.

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



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
2014 - 2023 Capital Budget & Plan	476,713	794,448	871,282	934,105	988,854	1,003,283	961,214	1,006,708	965,292	978,763	
2015 - 2024 Capital Budget & Plan		729,261	1,001,027	1,067,880	1,175,867	1,234,304	1,211,437	1,245,351	1,168,485	1,079,178	1,071,300
Change %		-8.2%	14.9%	14.3%	18.9%	23.0%	26.0%	23.7%	21.0%	10.3%	
Change \$		-65,187	129,745	133,775	187,013	231,021	250,223	238,643	203,193	100,415	

10-Year Total 8,980,662 10,984,090 22.3% 2,003,428

As made evident in the chart above, the 2015 Capital Budget and the 2016-2024 Capital Plan reflects an increase of \$2.003 billion from the 2014-2023 Approved Capital Plan

A level of funding in 2024 is over 2 times higher than funding requirements in 2014. Also, except for 2015, there are significant annual increases ranging from \$129.745 million in 2016 to \$250.223 million in 2020.

This change is driven by the increase of \$1.409 billion for the nine common years of the Capital Plans (2015-2023) as reflected in Table 2 on the following page. This significant increase in capital funding arises from the reprioritization of Toronto Water's capital projects, based on the following factors:

- During the 2014 Budget process, City Council amended the Capital Plan for Toronto Water, for future planning purposes, to reflect a water rate increase of 8% in the years 2015, 2016 and 2017.
 - The 2015-2024 Capital Budget and Plan has been based on water rate increases of 8% in 2015 and 2016, followed by 5% water rate increases in 2017 and 2018.
 - These rates were determined to be in line with the anticipated project schedules that would allow Toronto Water to deliver on key legislated, health and safety and state of good repair priority projects, while also addressing emerging service improvement priorities, such as Basement Flooding Protection and Wet Weather Flow Master Plan projects.

- The anticipated rate increases will generate additional revenues of approximately \$1.117 billion over the nine common years of the Capital Plans.
- Changes have also been made based on updated schedules for implementation of the projects requiring large capital funding, as well as new condition assessments; and
- The need to realign Toronto Water 2015 Capital Budget with historical spending rates.

A summary of project changes for the years 2015 to 2023 totalling \$1.406 million is provided in Table 2 below:

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

> > 2021

				•	•		•	•	•		
\$000s	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
2014 - 2023 Capital Budget & Plan	476,713	794,448	871,282	934,105	988,854	1,003,283	961,214	1,006,708	965,292	978,763	
2015 - 2024 Capital Budget & Plan		729,261	1,001,027	1,067,880	1,175,867	1,234,304	1,211,437	1,245,351	1,168,485	1,079,178	1,071,300
Capital Budget & Plan Changes (2015 - 2023))	(65,187)	129,745	133,775	187,013	231,021	250,223	238,643	203,193	100,415	

Total

	1,408,841
2024	Revised Total Project Cost
200	223,728
525	N/A
500	N/A
150	N/A N/A
130	N/A
74,108	N/A
124,000	N/A
30,239	N/A
5,850	N/A
28,200	N/A
-	232,155
2,479	N/A
266,771	
80,640	N/A
11,130	N/A
16,125	N/A
110,036	N/A
55,000	N/A
14,000	N/A
2 100	N/A

2015 - 2023

8,503,949

	-												Cost
Previously Approved													
Water Treatment & Supply													
FJ Horgan Treatment Plant	223,728	(3,662)	5,504	2,053	3,540	2,245	824	575	475		11,554	200	223,728
Island Water Treatment Plant	N/A	(2,690)	3,345	6,070	1,050	(5,000)	(1,200)	10			1,585	525	N/A
R.C. Harris Water Treatment Plant	N/A	(6,919)	7,832	5,285	7,708	7,507	6,000	3,000	(6,950)	(8,000)	15,463	500	N/A
R.L. Clark Water Treatment Plant	N/A	(5,152)	(3,442)	9,458	989	(7,374)	(6,000)				(11,521)	150	N/A
Watermain Rehabilitation (Cleaning &		, . ,	, , ,			, , , ,	, ,				, , ,		
Lining)	N/A	16,847	17,070	6,704	19,462	12,393	7,438	6,633	3,325	(34)	89,838	74,108	N/A
Watermain Replacement	N/A	(13,973)	17,994	14,172	1,570	2,445	1,222	734	1,169	1,338	26,671	124,000	N/A
Water Service Repair	N/A	6,182	10,003	9,844	9,775	9,703	9,629	9,553	9,475	9,394	83,558	30,239	N/A
Transmission Watermains	N/A	986	6,230	15,306	8,808	(22,015)	(3,460)	16,020	10,020	2,700	34,595	5,850	N/A
WT Storage and Treatment	N/A	(544)	35,322	27,163	1,223	5,784	8,200	1,800	1,575	685	81,208	28,200	N/A
Water Meter Program (AMR)	267,684	(18,736)	(14,308)	(2,485)							(35,529)	-	232,155
Business & Technical Improvements	N/A	(8,319)	1,195	5,769	9,342	13,508	2,412	1,176	754	1,459	27,296	2,479	N/A
Subtotal	491,412	(35,980)	86,745	99,339	63,467	19,196	25,065	39,501	19,843	7,542	324,718	266,771	
Wastewater Collection & Treatment &													
Stormwater Management													
Ashbridges Bay Wastewater Treatment													
Plant (ABTP)	N/A	(34,047)	(26,790)	(10,878)	(29,694)	33,960	1,331	(29,462)	(18,446)	(76,390)	(190,416)	80,640	N/A
Highland Creek Wastewater Treatment													
Plant (HCTP)	N/A	(21,311)	9,389	(4,281)	40	25,022	44,756	51,130	24,843	31,453	161,041	11,130	N/A
Humber Wastewater Treatment Plant	N/A	10,137	14,570	13,036	4,392	9,136	17,715	5,535	(28,980)	(12,755)	32,786	16,125	N/A
Sewer System Rehabilitation & Trunk													
Sewer & Sewage Pumping Stations	N/A	15,099	(5,339)	(14,107)	8,396	1,558	5,150	5,300	5,400	5,400	26,857	110,036	N/A
Sewer Replacement Program	N/A	(19,125)	(484)	6,295	1,297	1,786				5,000	(5,231)	55,000	N/A
New Sewer Construction	N/A	5,370	5,680	5,680	5,680	5,680	-	-	-	-	28,090	14,000	N/A
Pumping Stations	N/A	(4,044)	568	888	2,430	3,745	1,278	228	80	60	5,233	2,100	N/A
Basment Flooding Relief	N/A	(21,250)	(35,089)	4,740	29,951	6,713	(3,986)	7		1,000	(17,914)	111,540	N/A
Waterfront	N/A	13,939	8,020								21,959		N/A
WeteWather Flow Stream Restoration &													
Implementation Projects	N/A	1,565	5,736	(21,641)	(5,885)	15,205	20,670	26,670	72,497	10,870	125,687	227,592	N/A
Yards & Facility Improvements	N/A	304	595	725	840	640	40	640	840	(9,060)	(4,436)	5,240	N/A
Subtotal	-	(53,363)	(23,144)	(19,543)	17,447	103,445	86,954	60,048	56,234	(44,422)	183,656	633,403	
Linear Infrastructure Engineering	N/A	5,156	15,495	12,347	12,303	13,564	27,303	25,280	19,335	19,992	150,775	63,785	N/A
New Service Connections	N/A	8,582	8,680	952	7,101	4,754	4,911	5,074	5,241	5,413	50,708	9,091	N/A
Total Previously Approved	491,412	(75,605)	87,776	93,095	100,318	140,959	144,233	129,903	100,653	(11,475)	709,857	973,050	
Added Funding/Projects													-
R.C. Harris Water Treatment Plant	N/A	300	1,270	250							1,820		N/A
Island Water Treatment Plant	N/A	15	90	490	45						640		N/A
WT Storage, Treatment and Pumping Stations	N/A	-	-	1,700	17,200	5,750	11,300	8,700	1,550	8,950	55,150	850	N/A
Transmission Watermains	N/A	250	3,640	4,270	640						8,800		N/A
Ashbridges Bay Wasterwater Treatment													
Plant	N/A	200	1,100	3,400	14,400	12,000	6,500	6,300	6,400	6,500	56,800	6,500	N/A
Highland Creek Wastewater Treatment													
Plant	N/A	600	2,650	4,150	3,600	1,400					12,400		N/A
Basement Flooding Relief Projects	N/A	3,720	12,530	17,030	36,142	63,412	80,690	86,240	86,590	84,940	471,294	76,900	N/A
Wet Weather Flow Implementation Plan	N/A	5,333	20,689	9,390	14,668	7,500	7,500	7,500	8,000	11,500	92,080	14,000	N/A
Total New	-	10,418	41,969	40,680	86,695	90,062	105,990	108,740	102,540	111,890	698,984	98,250	
Total Changes	491,412	(65,187)	129,745	133,775	187,013	231,021	250,223	238,643	203,193	100,415	1,408,841	1,071,300	

Significant Capital Project Changes in Toronto Water:

Added Funding/Projects:

The 10-Year Capital Plan includes previously unfunded projects which will be accommodated through additional funding generated from the planned rate increases of 8% in 2015 and 2016 and 5% in 2017 and 2018.

Based on increased funding generated from the planned rate increases, the following projects totalling \$698.894 million have been recommended:

- Exterior lighting and other upgrades at the *R.C. Harris (\$1.820 million) and Island* water treatment plants (\$0.640 million) in 2015, 2016 and 2017.
- The implementation of standby power at additional Water Treatment Pumping Stations (\$56.0 million) will provide a sustainable water supply over 72 hours in case of a power outage. This project is part of a cost sharing agreement with the Region of York, which will fund 30% of the project costs. The project implementation will start in 2017, with an anticipated completion in 2024.
- Water treatment and supply upgrades (\$8.800 million) including the replacement of revenue meters and Water Transmission System automation in 2015, 2016 and 2017.
- Wastewater treatment upgrades such as digester repairs and upgrades to clarifier bridges at the Ashbridges Bay Wastewater Treatment Plant (\$63.300 million) that will span over the 10-year planning period.
- Construction of a new liquid process train at the Highland Creek Wastewater Treatment Plant
 (\$12.400 million) to create redundancy and facilitate the refurbishment of primary and final
 clarifiers in the three existing liquid process trains planned will start in 2019.
- Additional funding for the Basement Flooding Protection Program of \$548.194 million over the 10-year planning period, which aligns with the "Expansion of the Basement Flooding Protection Program's Priority Study Areas" staff report approved by City Council during the 2014 Budget process.
 - The report identified seven additional basement flooding areas and Toronto Water was directed to initiate and expedite completion of Environmental Assessment (EA) studies for these new study areas, which will recommend infrastructure improvements to reduce risk of future basement and surface flooding.
- Wet Weather Flow Master Plan projects totalling \$106.080 million were accelerated into the 10 year Capital Plan period including:
 - Construction of Waterfront Landforms at Ashbridges Bay and Humber River and Etobicoke Waterfront Stormwater Management Facilities project (\$41.080 million).
 - The expansion of the critical erosion program being implemented by the TRCA (\$65.0 million).

Significant Increases in Toronto Water Previously Approved Capital Projects

The following previously approved Toronto Water capital projects have been allocated increased funding to address key priorities outlined below:

- The funding allocation for Watermain Replacement projects has been increased by \$26.671 million, mostly as a result of higher unit costs received in the procurement process in 2014.
- The expansion of the Water Service Repair program reflects an increase in the quantities of substandard service replacements estimated totalling \$83.558 million in costs, to be undertaken in coordination with an expanding infrastructure renewal program.
- The *Transmission Watermain* program has been updated to include the long term forecast for the replacement of all cast iron transmission watermains, as well as the construction of the Downsview transmission watermain to service growth. Therefore, \$34.595 million was added to the 10-Year Capital Plan.
- The Water Storage and Treatment program costs have been increased by \$81.208 million to include the construction of a new Downsview pumping station to service growth, as well as additional state of good repair work on booster pumping stations resulting from a recently completed condition assessment.
- The condition of the existing liquid train process and concrete tunnels has become critical requiring significant refurbishment as reflected in the increased costs of the Highland Creek Wastewater Treatment Plant program of \$161.041.
- Sewer System Rehabilitation, Trunk Sewer and Sewage Pumping project costs have been increased by \$26.857 million to address the volume of planned work resulting from an expanded sewer CCTV inspection program, as well as due to the completion of more condition assessments for trunk sewer rehabilitation and replacement.
 - There is also an increased focus on sewer system rehabilitation rather than replacement projects to address deficiencies found by sewer inspections.
- The implementation of the Don River and Central Waterfront Combined Sewer Overflow (CSO) project has been accelerated from 2024, resulting in higher costs for the *Wet Weather Flow Master Plan* of approximately \$125.687 million.
- *Linear Engineering* costs have been increased by \$150.775 million to align with the services required to deliver Toronto Water's expanding linear program.
- The demand for *New Service Connections* is increasing within the development industry. As a result, the 10 year forecast has been amended to address this increased demand by \$50.708 million. The cost of this program is fully recoverable from fees.

Major Reductions in Toronto Water Previously Approved Capital Projects:

Significant reductions in capital expenditures have been made to the following projects:

- The funding allocation for the Automated Water Meter Program (AMR) was reduced by \$35.529 million due to lower than expected costs associated with the installation of the large meters and lower than anticipated commodity and labour prices.
- The capital program at *the Ashbridges Bay Treatment Plant* has been updated to address coordination and sequencing requirements as \$1.7 billion of investment is expected to be undertaken at the plant to address Federal Wastewater Effluent requirements and state of good repair work.

 Over the 2015-2024 planning period, there were cashflow realignments for a variety of other projects, which reflect more updated schedules for implementation and realignment of projects between different program areas.

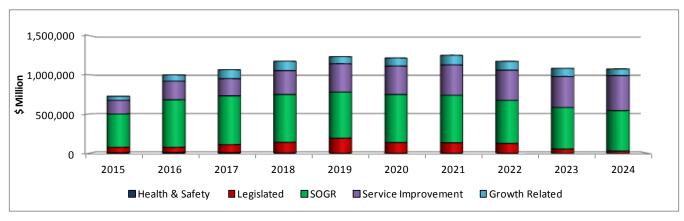


Chart 2
2015 – 2024 Capital Plan by Project Category (In \$000s)

As illustrated in the chart above, the 10-Year Capital Plan for Toronto Water of \$10.984 billion predominantly provides funding for State of Good Repair (SOGR) projects (including Health and Safety and Legislated projects), which represents \$5.658 million or 61% of total funding over the 10-year period.

- Health and Safety projects account for approximately 0.3% or \$30.614 million and it is allocated mostly within the first 5 years of the 10-Year Capital Plan period in order to improve the safety and upgrade electrical systems at Ashbridges Bay, Humber and North Toronto wastewater treatment plants.
- Legislated projects represent 9.4% or \$1.038 billion of total funding. These projects are required to comply with existing and emerging provincial and federal legislation. Funding for Legislative projects is expected to increase in future years as regulations governing water supply and wastewater treatment continue to become more stringent.
- State of Good Repair drive Toronto Water's capital program and remain at stable levels over the period in order to ensure the continued reduction and possible elimination of Toronto Water's infrastructure renewal backlog by 2024, estimated at \$1.641 billion at the end of 2013.
- Service Improvement projects represent approximately 30% or \$3.273 billion of total funding in the 10-Year Capital Plan. Capital funding for these projects increases consistently over the 10 year period, from \$174.836 million in 2015 to \$445.006 million in 2024, primarily due to anticipated increase in funding from water rates that have allowed Toronto Water to include the majority of previously unfunded Basement Flooding and Wet Weather Flow service improvement projects in its 10-Year Capital Plan.
- Growth projects constitute about 9% or \$984.404 million of the total. Funding for anticipated growth projects such as new and enhanced watermains and service connections is consistent over the 10-Year Capital Plan period, averaging \$34.075 million per year. However, funding for planned significant stand alone projects will vary from year to year based on growth requirements.

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

	Total App'd												To
	Cash Flows to	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2015 - 2024	Pr
	Date*	Budget	Plan	Plan	Plan	Total	(
Total Expenditures by Category													
State of Good Repair (including Health &													
Safety and Legislated projects)													
Watermain Rehabilitation (Cleaning &	N/A												1
Lining)	IV/A	49,218	62,572	70,041	69,438	67,512	67,705	72,052	73,901	74,003	74,108	680,550	'
Watermain Replacement	N/A	55,592	76,877	72,055	85,000	92,000	100,000	104,000	106,000	106,000	106,000	903,524	1
Water Service Repair	N/A	19,292	27,169	27,248	28,008	28,483	28,972	29,476	29,996	29,713	30,239	278,596	1
Sewer System Rehabilitation	N/A	32,524	34,820	30,100	49,500	50,000	56,650	58,345	60,036	60,036	60,036	492,047	P
Sewer Replacement Program	N/A	23,042	36,938	42,391	41,900	46,786	50,000	55,000	55,000	55,000	55,000	461,057	N
Linear Infrastructure Engineering	N/A	53,543	67,323	65,615	60,352	62,723	76,259	68,126	61,748	63,081	59,235	638,005	1
Transmission Watermains	N/A	21,835	19,945	9,697	3,518	3,105	2,250	5,250	5,250	5,250	5,250	81,350	l l
R.L. Clark Water Treatment Plant	N/A	11,828	10,840	22,212	13,895	5,375	10,150	20,150	20,150	150	150	114,900	N
R.C. Harris Water Treatment Plant	N/A	6,613	17,182	12,885	18,358	14,507	14,650	11,500	1,700	500	500	98,395	N
FJ Horgan Treatment Plant	205,440	2,061	4,200	5,283	3,250	620	1,024	775	675	200	200	18,288	22
Island Water Treatment Plant	N/A	3,050	8,239	9,560	7,825	7,625	2,575		525	375	525	40,684	N
Trunk Sewer & Sewage Pumping Stations	N/A	26,693	28,550	27,847	27,784	26,096	25,011		25,000	25,000	25,000	261,981	N
Ashbridges Bay Wastewater Treatment		20,033	20,550	27,047	2.,,.04	20,000	23,011	23,500	23,000	25,500	23,500		
Plant (ABTP)	N/A	69,313	117,750	184,368	224,763	257,069	203,107	191,159	176,849	108,820	65,140	1,598,338	N
Highland Creek Wastewater Treatment		03,513	11,,,50	10.,500	22.,,03	23.,003	203,207	152,255	1,0,043	100,020	03,140	2,000,000	1
Plant (HCTP)	N/A	28,478	63,492	43,460	32,600	24,545	10,520	18,650	25,500	19,400	11,130	277,775	N
Humber Wastewater Treatment Plant	N/A	56,589	57,026	70,337	55,483	55,680	59,305		23,300	4,245	16,125	422,995	N
Stream Restoration & Erosion Control	N/A	13,266	11,995	12,049	11,036	15,675	15,410	14,910	12,310	12,310	13,310	132,271	N
Other Projects	N/A	26,994	37,246	25,361	14,558	21,817	24,685	17,235	17,360	18,910	21,535	225,701	N
Sub-Total	IN/A	499,931	682,164	730,509	747,268	779,618	748,273	737,893	674,325	582,993	543,483	6,726,457	- 10
Service Improvements		455,551	002,104	730,303	747,200	773,010	740,273	737,033	074,323	302,333	343,403	0,720,437	
•	21/2	C2 000	02.022	120.004	167.000	170 025	170 204	102 747	100 000	100 440	100 440	4 545 633	
Basment Flooding Relief	N/A	62,080 6,150	82,833	129,094	167,069	176,625	178,204	183,747	189,090 106,807	188,440 90,680	188,440	1,545,622 527,824	N
Don & Waterfront Trunk CSO	N/A	6,150	12,601	4,000	28,546	52,180	54,180	56,180	106,807	90,680	116,500	527,824	N
Wet Weather Flow - Implementation	N/A												N
Projects		34,888	41,217	29,332	39,065	35,271	41,134	52,799	40,037	57,158	95,782	466,683	
Highland Creek Wastewater Treatment	N/A												N,
Plant - Solids & Gas Handling		3,957	9,305	11,420	31,775	58,032	71,383	68,050	20,285	16,250		290,457	
Ashbridges Bay Wastewater Treatment	N/A												N.
Plant - Liquid Treatment & Handling		4,423	4,970	6,242	8,595	5,660	1,050	10,000	10,000	20,000	22,000	92,940	
Water Meter Program (AMR)	172,353	26,920	30,367	2,515								59,802	232
Other Projects	N/A	36,418	55,143	37,898	30,731	32,936	17,467	17,286	18,324	21,414	22,284	289,901	N,
Sub-Total		174,836	236,436	220,501	305,781	360,704	363,418	388,062	384,543	393,942	445,006	3,273,229	<u> </u>
Growth Related													
New Service Connections	N/A	26,082	26,180	18,452	24,601	22,254	22,411	22,574	22,741	22,913	23,091	231,299	N,
New Sewer Construction	N/A	9,170	13,680	15,680	15,680	17,680	14,000	14,000	14,000	14,000	14,000	141,890	N
Trunk Sewers & Pumping Stations	N/A	-	600	800	5,500	8,500	10,000	10,000	25,000	25,000	25,000	110,400	N
Trunk Water Mains	N/A	798	11,850	38,800	35,170	11,350	13,550		24,525	11,000	600	182,563	N
Lawrence Allan Revitalization Plan	N/A	6,338	3,354	18,078	2,127	3,531						33,428	N
Regent Park Capital Contribution	N/A	1,167	1,803	475	1,090	632	37	54	31			5,289	N
Other Projects	N/A	10,939	24,960	24,585	38,650	30,035	39,748	37,848	23,320	29,330	20,120	279,535	N
Sub-Total		54,494	82,427	116,870	122,818	93,982	99,746	119,396	109,617	102,243	82,811	984,404	
Total Expenditures by Category		729,261	1,001,027	1,067,880	1,175,867	1,234,304	1,211,437	1,245,351	1,168,485	1,079,178	1,071,300	10,984,090	
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Major IT Projects												l	
Busines System Infrastructure	N/A	5,740	3,929	1,004	1,007	637	587	2,011	1,234	1,409	1,379	18,937	N
Asset Management Implementation	N/A		500	1,000	1,000	1,000	1,000	1,000	1,000	500		7,000	ı
Busines IT Projects	N/A												N
Business Intelligence Initiatives	N/A	280										280	N
Backflow Inspection Portal	N/A		200	200								400	N
Total Major IT Projects		6,020	4,629	2,204	2,007	1,637	1,587	3,011	2,234	1,909	1,379	26,617	

^{*}Life to date approved cashflows are provided for multi-year capital projects with cashflow approvals prior to 2015, excluding on-going capital projects such as linear infrastructure and facility/plant capital maintenance projects.

2015-2024 Capital Projects

The 10-Year Capital Plan supports Toronto Water's objectives and balances infrastructure renewal needs for State of Good Repair, new Service Improvement projects, and capacity to keep pace with population growth, while ensuring the delivery of water supply and wastewater treatment within an increasingly stringent regulatory framework.

In addition to the state of good repair projects, considerable funding is provided to support the implementation of the Wet Weather Flow Master Plan, Basement Flooding and growth related projects, some of which is recovered from Development Charges. • Funding pressures identified in prior budget cycles have been incorporated into the Capital Plan and sequenced to address coordination and delivery-ability of the capital program.

State of Good Repair (SOGR), Health & Safety, & Legislated

- A primary focus of the 2015-2024 Capital Budget and Plan remains on the on-going state of good repair projects for linear infrastructure renewal to ensure the replacement or rehabilitation of aging watermains and sewers, and investment in the City's aging wastewater treatment facilities.
- State of Good Repair funding included in the 10-Year Capital Plan will address Toronto Water's SOGR backlog, currently estimated \$1.641 billion (2013 estimate) and projected to be reduced to \$91.923 million by year-end 2023, if the current funding allocated to State of Good Repair projects is not reduced over the next 10 years.
- It should be noted that Toronto Water is undertaking a review to define its requirements for an integrated Asset Management Solution to support further development of its Asset Management Plans. This review, with recommendations for an implementation plan is expected to be completed in 2015. The General Manager, Toronto Water will provide a status update as part of the 2016 Budget process.

Service Improvements

- Approximately \$1.546 billion or 14% of total funding over the 10-year period has been allocated to implement the Basement Protection Program projects in basement flooding study areas across the City, which will reduce the risk of future flooding during extreme storm events.
- The 2015 -2024 Capital Budget and Plan provides funding of \$527.824 million for the Don River and Waterfront Trunk / Combined Sewer Outfall (CSO) project to improve the City's environment and also provide operational improvements for the critical Coxwell Sanitary Trunk Sewer that services approximately 750,000 residents.
 - ➤ Phase 1, the Coxwell Bypass Tunnel has been accelerated within the 10-year Capital Plan period to be completed by 2022. Phase 2, Taylor-Massey Creek Tunnel, which was previously outside of the 10-year Capital Plan has been accelerated to start detailed design in 2019.
- Funding is also included for the implementation of other water quality improvement projects from the City's Wet Weather Flow Master Plan to reduce and ultimately eliminate the adverse impacts of polluted stormwater and combined sewer overflows (CSOs) that are discharged from outfalls to the City's watercourses and the waterfront.
 - These projects will achieve a measurable improvement in ecosystem health of the City's watersheds and waterfront, and improved water quality along the City's waterfront beaches.
 - Projects totaling \$142.010 million over the 10-Year planning period include CSO Control End of Pipe facilities, such as underground storage and treatment tanks and stormwater ponds.
- Funding has also been allocated for City-wide wet weather flow stream restoration work to protect vulnerable City infrastructure from water course erosion impact of severe storms, as well as \$91.500 million in funding for the TRCA's stream restoration and erosion control projects over the next 10 years.

- The Highland Creek Waste Water Treatment Plant projects totaling \$150.986 million over the 10-year planning period, include biosolids and gas handling implementation.
- The Water Metering Program approved in 2008, entails the City-wide water meter replacement program coupled with the concurrent installation of automated meter reading technology. Funding of \$59.802 million is included to complete this project by 2017.

Growth Related

- The largest projects in this category are the trunk watermain expansion and upgrade projects. Funding of \$183.065 million is included to increase the hydraulic capacity in the Toronto Water supply system over the 10-Year Capital Plan period. Many of these projects are cost shared with the Region of York.
- The 2015-2024 Capital Budget and Plan allocates funding for the New Sewer Construction and New Service Connection projects totaling \$373.189 million to provide the necessary servicing capacity for the projected population growth and for the installation of service connections for new homes and developments.
- Toronto Water will also provide funding for growth related component of the Lawrence Allan Revitalization Plan (\$33.561 million) and the Regent Park Revitalization project (\$3.212 million).

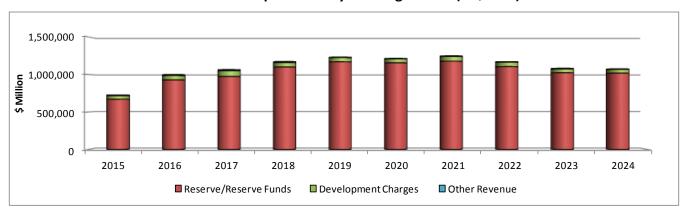


Chart 3
2014 – 2023 Capital Plan by Funding Source (In \$000s)

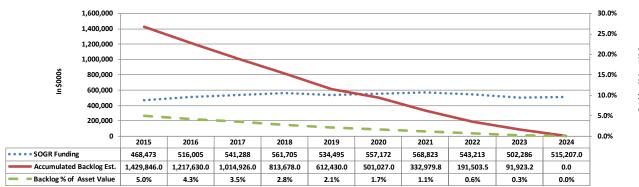
Over the 10-year planning horizon, Toronto Water's Capital Plan continues to be 100% funded by rate revenues and does not require debenture financing.

- The 10-Year Capital Plan of \$10.984 billion will be funded primarily from the Program's reserves, representing approximately 93.9% or \$10.317 billion of total capital financing.
 - Capital funding from Toronto Water reserves increases from \$672.846 million in 2015 to \$1.174 billion in 2021. This increase in reserve funding coincides with the planned water rate increases to fund the implementation schedules for large capital projects such as Ashbridges Bay Waste Water Treatment Plant disinfection and outfall construction projects, Highland Creek Biosolids project and Basement Flooding Protection projects.

- The 10-Year Capital Plan is based on planned water rate increases of 8% (2015 and 2016), followed by 5% (2017 and 2018), and 3% thereafter.
- Development Charges (DC) provide approximately 5.2% or \$570.013 million of financing included in the 10-Year Capital Plan. The use of Development Charge funding has been maximized based on project eligibility resulting in an increase in funding of \$130.234 million from the 2014 2023 Approved Capital Plan. This increase in development charge funding will assist Toronto Water in maintaining a relatively healthy reserve balance, while accommodating increased capital funding needs.
- Other revenues, such as capital cost sharing with York Region represent 0.9% or \$96.654 million of total capital financing.

State of Good Repair (SOGR) Backlog





- The information on the State of Good Repair backlog presented in the above chart is based on 2013 data. Toronto Water continues to assess the condition of its asset classes through discrete projects.
- At the end of 2013, the replacement value of Toronto Water's assets was estimated at \$28.256 billion incorporating both linear (watermains, sewers) and facility/plant (water treatment plants, wastewater treatment plants, pumping stations) assets.
 - Linear infrastructure assets represent approximately 74% of the total asset value at \$20.985 billion.
 - Facility/plant assets account for the remaining 26% or \$7.271 billion.
- As of the end of 2013, Toronto Water had an estimated backlog of state of good repair work for linear and plant infrastructure renewal estimated at \$1.641 billion, representing 5.8% of the asset replacement value. Approximately 61% or \$1.008 billion of the backlog relates to linear infrastructure, with the remaining 39% or \$0.633 billion representing facilities.
- The backlog estimate for the various facilities is based on detailed assessment/surveys undertaken in 2005 and 2008. Through these assessments, the facility backlog in 2008 was established as \$520

- million. In addition, an annual renewal need of \$140 million was defined based on the forecasted life expectancy of various components of the facilities and their appraised replacement costs.
- The backlog estimate for linear infrastructure was established based on a probability model forecasting failure rates based on defined life expectancy ranges for a categorized list of pipes. This backlog was estimated to be \$1.25 billion with an additional annual renewal rate of \$111 million.
- The linear infrastructure and facilities State of Good Repair backlog and annual renewal need estimates have been periodically updated to reflect changes in unit rates for replacement and changing condition of the asset.
- The 10-Year Capital Budget and Plan dedicates \$5.658 billion or \$566 million on average annually, to address state of good repair, which is anticipated to eliminate the backlog by 2024.
- The state of good repair backlog by asset category, based on the 2013 data is presented in the table below:

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

Total	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
State of Good Repair Funding	333,799	468,473	516,005	541,287	561,705	534,496	557,173	568,823	543,213	502,286	502,286
Accumulated Backlog Est. (yr end)	1,599,445	1,429,846	1,217,630	1,014,926	813,678	658,379	501,027	332,980	191,504	91,923	0
Backlog % of Asset Value	5.64%	5.03%	4.27%	3.55%	2.83%	2.26%	1.71%	1.12%	0.64%	0.30%	0.00%
Asset Value	28,360,593	28,435,825	28,516,294	28,606,075	28,749,369	29,149,244	29,293,369	29,674,494	29,754,369	31,033,369	31,033,369
Facilities/Plants											
State of Good Repair Funding	114,050	190,050	220,263	238,203	249,506	192,289	193,434	197,233	165,550	195,750	195,750
Accumulated Backlog Est. (yr end)	660,393	611,877	533,149	436,480	328,508	277,753	225,854	170,155	146,139	91,923	
Backlog % of Asset Value	9.01%	8.34%	7.27%	5.94%	4.43%	3.60%	2.93%	2.12%	1.82%	0.99%	0.00%
Asset Value	7,329,578	7,336,602	7,338,102	7,351,102	7,418,665	7,710,665	7,713,665	8,021,665	8,024,665	9,248,665	9,248,665
Linear Infrastructure											
State of Good Repair Funding	219,749	278,424	295,742	303,084	312,199	342,207	363,739	371,590	377,663	306,536	306,536
Accumulated Backlog Est. (yr end)	939,053	817,968	684,482	578,446	485,170	380,626	275,173	162,825	45,365		
Backlog % of Asset Value	4.47%	3.88%	3.23%	2.72%	2.27%	1.78%	1.28%	0.75%	0.21%	0.00%	0.00%
Asset Value	21,031,015	21,099,223	21,178,192	21,254,973	21,330,705	21,438,580	21,579,705	21,652,830	21,729,705	21,784,705	21,784,705

- While both categories of assets have historically received funding for state of good repair projects, the accumulated backlog of projects for linear infrastructure has been addressed at a higher rate, resulting in a proportionally lower backlog representing 4.8% of its replacement value at the end of 2013, compared to 8.7% for facilities.
- Toronto Water has planned for a significant investment in both its linear renewal program, as well as its facilities/plants over the next 10 years to address its state of good repair backlog based on assessments undertaken in 2005 and 2008.
- Additional condition assessments of infrastructure continue to be undertaken based on asset classes. The condition assessment of booster pumping stations and sewer pipes was completed in 2014 and has resulted in the addition of a pumping station rehabilitation plan to Toronto Water's 10 year capital plan. Condition assessments of sewage pumping stations continue to be undertaken on a prioritized basis and a facility condition assessment is planned to be undertaken over 2 years starting in 2015. New methods for inspection of pressurized pipe are being explored to assess condition of assets without taking the pipes out of service during the inspection.

■ In addition to the condition assessments, Toronto Water is undertaking a review to define its requirements to develop an integrated Asset Management solution to support further development of its Asset Management Plans. This review, with recommendations for an implementation plan is expected to be completed in 2015. The General Manager, Toronto Water will provide a status update on the state of good repair backlog, as part of the 2016 Budget Process.

10-Year Capital Plan: Net Operating Budget Impact

Table 5
Net Operating Impact Summary (In \$000s)

	2015 E	Budget	2016	Plan	Plan 2017 Plan			2018 Plan		2019 Plan		- 2019	2015	- 2024
Projects	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions
Previosly Approved Projects														
Dufferin Reservoar Expansion	27.0										27.0		27.0	
Ashbridges Bay Process &	27.0										27.0		27.0	
Equipment	100.0										100.0		100.0	
Ashbridges Bay Odour Control	175.0										175.0		175.0	
Ashbridges Bay WWTP "D" Building	175.0										175.0		17510	
and Biofilter	300.0										300.0		300.0	
Ashbridges Bay WWTP - New	500.0										500.0		300.0	
Generators	155.0										155.0		155.0	
Humber Treatment Plant - Chlorine	155.0										155.0		155.0	
Facility Upgrades	100.0	1.0									100.0	1.0	100.0	1.0
Humber Treatment Plant - Odour	100.0	1.0									100.0	1.0	100.0	1.0
Control	95.0										95.0		95.0	
Automated Water Meter Program	(331.0)	(7.0)	(1,340.0)	-17.0							(1,671.0)			(24.0)
Humber Treatment Plant -	(331.0)	(7.0)	(1,540.0)	17.0							(1,071.0)	(24.0)	(1,071.0)	(24.0)
Cogeneration Upgrades					(600.0)						(600.0)		(600.0)	
Highland Creek WWTP Process and					(000.0)						(000.0)		(000.0)	
Facility Upgrades - Biosolids														
Treatment Upgrades							5,220.0		5,530.0		10,750.0		10,750.0	
Highland Creek WWTP Process and							5,220.0		3,330.0		10,750.0		10,750.0	
Facility Upgrades - Corosion														
Control	15.0		63.0		52.0						130.0		130.0	
Laboratory Equipment (Warranty														
Expiry)	45.0										45.0		45.0	
Transmission Operations Optimiser			100.0	1.0							100.0	1.0	100.0	1.0
Business IT Projects									250.0	2.0	250.0	2.0	250.0	2.0
Waterfront/ East Bay					240.0						240.0		240.0	
CCTV Inspection	139.5	2.0	128.7	1.0	87.1	1.0					355.3	4.0	355.3	4.0
Basement Flooding Relief			100.0	-	100.0		53.0				253.0		253.0	
SWM End of Pipe Facilities - North														
Toronto			50.0								50.0		50.0	
New Projects - Future Years														
SWM End of Pipe Facilities -												1		
Etobicoke Waterfront													50.0	1.0
Wet Weather Flow Master Plan									115.0	1.0	115.0	1.0	115.0	1.0
Ashbridges Bay WWTP -														
Desinfection Construction					103.0	1.0					103.0	1.0	2,607.0	1.0
Total												1	,	
Program (Net)	820.5	(4.0)	(898.2)	(15.0)	(17.9)	2.0	5,273.0	_	5,895.0	3.0	11,072.4	(14.0)	13,626.4	(13.0)

The 10-Year Capital Plan will increase future year Operating Budgets by a total of \$13.626 million net over the 2015 – 2024 period, as shown in the table above. Approved permanent positions will decrease by 13 over the 10-year time frame. The operating cost increase is comprised of funding to sustain the following capital projects:

- As a result of previously approved projects, new buildings and processes will be operational in 2015 and 2016. Toronto Water requires additional chemicals, energy and utilities, as well contracted services for the Ashbridges Bay and Highland Creek Wastewater Treatment plants. There will be also need for additional positions at the Humber Treatment Plant. Savings of \$0.600 million will be generated in 2017 as a result of cogeneration facility upgrades at the Humber WWT Plant.
- There will be operating cost increases, including additional positions emanating from the implementation of the Wet Weather Flow Master Plan projects including the future storm water and combined sewer overflow management End of Pipe Facilities projects at Etobicoke and Scarborough waterfronts, as well as from Ashbridges Bay WWTP effluent system upgrades.

- A total of 4 new positions will be added for linear infrastructure CCTV inspection scans, while the water services transmission optimization process requires one new position in 2016.
- It should be noted that there will be a net reduction of 7 positions in 2015 and 17 positions in 2016, due to the implementation of automated meter reading system, resulting in total savings of \$1.671 million over the two year period.
 - This adds to a reduction of 7 positions and savings of \$0.397 million realized from the project implementation in 2014.

Table 6
Capital Project Delivery: Temporary Positions

	CAPTOR		Project I	Delivery	Salary and Benefits \$ Amount(\$000s)							
	Project	# of		End Date						2020 -		
Position Title	Number	Positions	Start Date	(m/d/yr)	2015	2016	2017	2018	2019	2024		
Manager Work Management	WAT9063											
System	34-23 &											
System Integrator 1	WAT	1.0	04/01/2015	12/31/2020	89.6				(89.6)			
Maintenance Planner & Schedul	907946-7	1.0	04/01/2015	12/31/2020	87.3				(87.3)			
ABTP P Building												
Area Supervisor Process O&M		1.0	04/01/2015	12/31/2023	113.0					(113.0)		
Total		3.0			289.8				(176.9)	(113.0)		

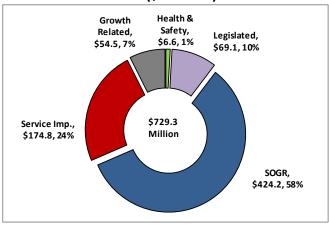
Approval of the 2015 – 2024 Capital Budget and Plan will result in a requirement for 2 new temporary capital project delivery positions to implement the Work Management System as well as one area supervisor position for the Ashbridges Bay Wastewater Treatment Plant "P" Building, as outlined in the table above.

It is recommended that Council approve these 3 temporary capital positions for the delivery of the above capital projects / sub-projects and that the duration for each temporary position does not exceed the life of the funding of its respective capital projects / sub projects. Part II: 2015 Capital Budget

Capital Budget

2015 Capital Budget by Project Category and Funding Source (In \$000s)

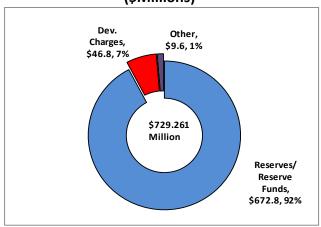
2015 Capital Budget by Project Category (\$Millions)



The 2015 Capital Budget, excluding funding carried forward from 2014 to 2015, requires new 2015 cash flow funding of \$729.261 million. The 2015 Capital Budget expenditures are allocated to the following categories:

- Health & Safety (\$6.615 million, 1%. This includes building and electrical upgrades at wastewater treatment plants.
- Legislated (\$69.093 million, 9%). The most significant project in 2015 is the Humber Wastewater Treatment Plant odour control.
- State of Good Repair (SOGR) (\$424.223 million, 59%) Approximately \$182.910 million or 43% of the total 2015 SOGR funding will be dedicated to watermain and sewer replacement and rehabilitation projects.
- Service Improvements (\$174.836 million, 24%)
 provide funding for Basement Flooding
 Protection projects and elements of the Wet
 Weather Flow Master Plan such as stormwater
 management facilities design and contract
 administration.
- Growth Related (\$54.494 million, 7%) are expansion projects required for future water supply and wastewater treatment demand such as new service connections.

2015 Capital Budget by Funding Source (\$Millions)



The 2015 Capital Budget is financed primarily by:

- Toronto Water's reserves, which account for approximately 92% or \$672.846 million of total financing.
- Development Charges funding, which has been maximized based on eligible growth component of capital projects and provide funding of \$46.766 million or 7% of the 2015 Capital Budget.
- Capital cost sharing with York Region for construction of new water and sewer connections, represents 1% or \$9.649 million of 2015 funding.
- Toronto Water's 2015 Capital Budget continues to be self-sustaining and does not require debenture financing. It does not impact the municipal property tax levy.

Total 2015 2014 Cash Flow Total 2015 2015 Cash (Incl 2014 Carry Cash Flow 8 2016 2017 2018 2019 2020 2021 2022 2023 **FY Commits** C/Fwd) 2024 Expenditures Previously Approved 55,982 683,650 739,632 527,741 294,364 186,100 91,861 65,631 56,959 52,152 2,644,601 630,161 Change in Scope (40,790) (40,790 78,709 88,446 78,858 22,794 54,551 51,372 (492 4,278 21,400 359,126 86,401 86,401 139,896 138,970 94,858 88,220 74,890 68,390 30,040 24,090 18,530 764,285 New w/Future Year 55,982 729,261 468,080 221,302 185,393 86,507 80,520 39,930 3,768,012 785.243 848.766 755.157 297.114 Total Expenditure Financing Debt Other 298 9,649 9,947 8,560 10,526 8,726 676 27 38,462 Reserves/Res Funds 51,091 672,846 723,937 795,414 689,786 432,175 281,171 211,686 176,189 83,209 77,511 37,349 3,508,427 221,123 **Development Charges** 4,593 46,766 51,359 44,792 27,179 9,589 9,204 3,298 3,009 2,581 54,845 15,267 Provincial/Federal Total Financing (including 729.261 785,243 848.766 755,157 468,080 297.114 221,302 80,520 39,930 carry forward funding) 55.982 3.768.012

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

Approval of the 2015 Capital Budget of \$785.243 million will result in the following:

- \$55.982 million in 2014 funding that will be carried forward into 2015 for on-going upgrades at the Ashbridges Bay Treatment Plant, Humber Treatment Plant and Highland Creek Treatment Plant as well as Business & Process Control System Improvement Projects and Waterfront Project work that commenced in 2014.
- New project funding of \$17.902 million which funds the 2015 contributions to Critical Erosion and Storm Water Management funding provided to the Toronto Regional Conservation Authority.
- Multi-year funding of \$711.359 million in 2015 which will require future year commitments of \$2.983 billion from 2016 to 2024 for initiatives that will either commence or continue in 2015 and are anticipated to be completed in future years.
 - The high rate of commitment to future year funding reflects the nature of Toronto Water's capital program which includes many multi-year, multi-million dollar projects such as the Water and Wastewater Treatment upgrade projects; Transmission Watermains; Basement Flooding Protection Program and Watermain Replacement.
 - The use of multi-year contracts has allowed Toronto Water to increase its capital delivery rate.

2015 Capital Project Highlights

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

	201	<u> 5 Cap</u>	itai P	roject	High	lights	(in \$0	uus)					
Project	Total Project Cost	2015	2016	2017	2018	2019	2015 - 2019	2020	2021	2022	2023	2024	2015 - 2024 Total
ASHBRIDGES BAY T.P III YR2004	N/A	1,495	50	30	2018	2019	1,575	2020	2021	2022	2023	2024	1,575
ASHBRIDGES BAY T.P. YR2006	N/A	810	510	1,049			2,369						2,369
ASHBRIDGES BAY WWTP - BUILDING SERVICES & SITE DEV	N/A	950	2,760	3,250	3,095	60	10,115	50					10,165
ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM	N/A	860	11,730	12,339	3,400	5,950	34,279	4,167	4,123	4,100	700		47,369
ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HANDLING	N/A	42,582	47,287	55,050	66,131	51,000	262,050	56,000	55,000	49,000	49,500	19,500	491,050
ASHBRIDGES BAY WWTP - O&M UPGRADES	N/A	5,270	9,657	5,500			20,427						20,427
ASHBRIDGES BAY WWTP - ODOUR CONTROL	N/A	2,643	12,687	8,400	122		23,852						23,852
ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING	N/A	3,000	3,725	17,046	13,200	6,710	43,681	6,710	2,960	110	80		53,541
ASHBRIDGES BAY WWTP REHAB	N/A	19,810	28,418	28,581	26,307	13,944	117,060	5,090	2,636	599	400		125,785
ASHRIDGES BAY TP YR2005	N/A	3,770	3,714	3,275	1,438		12,197						12,197
AVENUE ROAD TRUNKMAIN REPLACEMENT BASEMENT FLOODING RELIEF	N/A	354	1,090	127 504	01.076	F2.002	1,444	45.204	20.407	16.040	15 100	12.150	1,444
BUSINESS IT PROJECTS	N/A	62,965	81,333 2,069	127,594 1,621	91,976 1,272	53,983	417,851	45,204 500	26,497	16,840	15,190	12,150	533,732 7,868
BUSINESS SYSTEM INFRASTRUCTURE - PW	N/A N/A	1,033 10,328	8,620	7,174	8,060	1,373 7,815	7,368 41,997	4,150	1,180	960	900	900	50,087
CLARK RESIDUE MGMT. FACILITIES	N/A	380	950	7,174	8,000	7,013	1,330	4,130	1,100	300	300	300	1,330
CONVEYANCE CONTROLS - REPLC & REHAB	N/A	44	330				44						44
DIST SEWER REHAB OPS YR2005	N/A	388	12				400						400
DIST W/M REHABILITATION	N/A	50,788	62,572	67,108	21,167	5,400	207,035						207,035
DIST W/M REPLACEMENT	N/A	62,323	34,711	13,628	1,000	1,000	112,662						112,662
DIST WATER SERVICE REPAIR	N/A	22,934	25,169	13,750	,	,	61,853						61,853
DISTRICT WATERMAINS - NEW	N/A	102	500				602						602
DON & WATERFRONT TRUNK CSO	N/A	6,150	12,601	4,000	5,546	5,180	33,477	5,180	5,180	5,307	5,180	1,000	55,324
DOWNTOWN W/M ENHANCEMENT	N/A	11,932	7,821	7			19,760						19,760
EMERY CREEK POND	N/A	3,900	1,073				4,973						4,973
ENGINEERING	N/A	51,219	26,524	11,954	5,651	1,502	96,850	1,108	3,025				100,983
ENGINEERING STUDIES	N/A	1,647	779	120	60	-	2,606						2,606
EQUIPMENT REPLACEMENT & REHABILITATION	N/A	386	4,858	5,220	3,890	20	14,374	30					14,404
FJ HORGAN W.T.P. R&R	223,728	3,412	6,500	5,583	3,050	320	18,865	149					19,014
FJ HORGAN W.T.P. R&R	N/A	84					84						84
GEORGETOWN SOUTH CITY INFRASTRUCTURE UPGRADES	N/A	5,680					5,680						5,680
HARRIS W.T.P. R&R	N/A	7,187	17,572	12,135	6,208	3,507	46,609						46,609
HIGHLAND CREEK T.P IV YR2004 HIGHLAND CREEK TP YR2005	N/A	63 122	120	-			183 242						183
HIGHLAND CREEK WWTP - BUILDING SERV & SITE DEV	N/A N/A	1,000	115 3,500	4,000	4,000	2,800	15,300						242 15,300
HIGHLAND CREEK WWTP - BOILDING SERV & SITE DEV	N/A	15,505	18,475	16,920	16,100	6,380	73,380						73,380
HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING	N/A	746	7,100	4,050	1,500	3,000	16,396	2,000	2,000	250	250		20,896
HIGHLAND CREEK WWTP UPGRADES	N/A	19,657	41,487	25,905	14,125	17,647	118,821	12,653	9,150	4,135	3,200	1,380	149,339
HORGAN TRUNK MAIN EXPANSION	N/A	900	6,100	30,900	26,600	2,050	66,550	50	3,230	1,133	3,200	1,500	66,600
HORGAN W.T.P. EXPANSION	N/A	3,496	5,264	0.0,000	_0,000	_,,,,,,	8,760						8,760
HUMBER T.P.	N/A	200	200	109			509						509
HUMBER T.P II YR2004	N/A	155	5	7	7		174						174
HUMBER TP YR2005	N/A	1,793	1,750	174	100	101	3,918						3,918
HUMBER WWTP - LIQUID TREATMENT & HANDLING	N/A	9,330	26,134	49,025	48,600	48,582	181,671	47,000	41,405	150	120		270,346
HUMBER WWTP - O&M UPGRADES	N/A	9,584	5,877	4,850			20,311						20,311
HUMBER WWTP - ODOUR CONTROL	N/A	32,730	11,750	3,385			47,865						47,865
HUMBER WWTP UPGRADES	N/A	9,137	8,007	8,647	3,018	1,263	30,072	260	25	25			30,382
ISLAND PLANT WINTERIZATION	N/A	56	515				571						571
ISLAND W.T.P. R&R	N/A	719	2,530	7,485	7,250	7,250	25,234	2,050	10				27,294
ISLAND W.T.P. R&R	N/A	3,755	6,426	2,990	95		13,266						13,266
Land Acquisition for Source Water Protect	N/A	8,500	2254	40.070	2 4 2 7	2 524	8,500						8,500
LAWRENCE ALLAN REVITALIZATION PLAN	N/A	6,471	3,354	18,078	2,127	3,531	33,561						33,561
METERING & METER READING SYS	232,155	26,920	30,367	2,515	2.500		59,802						59,802
NEW SERVICE CONNECTIONS NEW SEWER CONSTRUCTION	N/A N/A	26,082 3,500	26,180 8,000	13,500 7,000	2,500 5,000	5,000	68,262 28,500	5,000	5,000	5,000	5,000	5,000	68,262 53,500
NORTH TORONTO WTP UPGRADES	N/A N/A	3,500	752	500	250	3,000	1,504	3,000	5,000	5,000	5,000	3,000	1,504
OPERATIONAL SUPPORT	N/A	4,110	4,330	5,824	5,780	5,393	25,437	25	25				25,487
PW ENGINEERING	N/A	3,390	4,524	4,285	1,635	1,000	14,834	23	23				14,834
REGENT PARK CAPITAL CONTRIBUTION	N/A	1,215	1,803	475	1,090	632	5,215	37	54	31			5,337
RL CLARK W.T.P. R&R	N/A	12,644	9,890	22,212	13,445	25	58,216						58,216
SEWAGE PUMPING STATION UPGRADES	N/A	8,565	3,796	3			12,364						12,364
SEWER ASSET PLANNING	N/A	11,658	16,782	14,945	12,351	12,500	68,236	11,000	5,495				84,731
SEWER REPLACEMENT PROGRAM	N/A	44,446	20,268	7,396	1,900	1,786	75,796						75,796
SEWER SYSTEM REHABILITATION	N/A	35,068	39,822	30,412	10,800	3,665	119,767	1,028	28				120,823
STREAM RESTORATION & EROSION CONTROL	N/A	12,361	6,895	4,889	2,026	1,815	27,986	50					28,036
SWITCH GEAR TRANSFORMER	N/A	5,000	5,400	3,703			14,103						14,103
SWM TRCA FUNDING	N/A	4,069	-	-			4,069						4,069
SWM END OF PIPE FACILITIES	N/A	10,400	4,851	6,550	11,200	12,170	45,171	11,750	21,600				78,521
SWM SOURCE CONTROL PROG	N/A	150	150	150	150		600						600
TRANSMISSION R&R	N/A	21,974	29,140	18,225	1,116	112	70,567						70,567
TRUNK SEWER SYSTEM	N/A	27,282	24,096	8,147	1,784	96	61,405	11					61,416
TRUNK WATERMAIN	N/A	750	2,250	2,250	260	250	5,760						5,760
TRUNK WATERMAIN EXPANSION	N/A	400	600	700	400	50	2,150	50					2,200
W&WW LABORATORIES	N/A	120	120	150	210		600						600
WATER EFFICIENCY PROGRAM	N/A	520	520	520			1,560						1,560
WATER STORAGE EXPANSION	N/A	197					197						197
WATER SUSTAINABILITY PROGRAM	N/A	1,370	18,157	12,005	20	2	31,554						31,554
WESTERN BEACHES RETROFIT	N/A	1,203	4,100	1,000	11.000	2.250	6,303						6,303
WET WEATHER FLOW MP	N/A	13,502 785,243	21,972 848,766	6,857 755,157	11,068 468,080	2,250 297,114	55,649 3,154,360	221,302	185,393	86,507	80,520	39,930	55,649 3,768,012

The 2015 Capital Budget provides funding of \$785.243 million to:

- Continue state of good repair projects to address infrastructure renewal such as District Watermain Replacement and Rehabilitation (\$126.861 million) and Sewer System Replacement and Rehabilitation (\$57.282 million) and Reservoir and Pumping Station (\$12.159 million);
- Continue upgrades at Ashbridges Bay (\$81.192 million), Highland Creek (\$37.093 million) and Humber (\$63.315 million) Wastewater Treatment plants.
- Continue the Basement Flooding Protection projects (\$62.965 million), implementation of the Wet Weather Flow Master Plan (\$47.918 million), and contributions to the TRCA's Critical Erosion project (\$12.569 million);
- Continue the implementation of the Automated Water Meter Reading Program (\$26.920 million);
- Continue Business Infrastructure and Intelligence IT Initiatives (12.941 million); and
- Begin the R.C Harris Water Treatment Plant Rehabilitation of Settling Basin Roof (\$25.0 million) and the St. Clair Reservoir Rehabilitation (\$23.5 million).

Part III:

Issues for Discussion

Issues for Discussion

Issues Impacting the 2015 Capital Budget

Water Consumption Forecast

- As noted in the 2015 Water and Wastewater Rate report, there has been a trend towards reduced water consumption over the last decade, despite population growth. Besides weather conditions, the decline in water consumption is attributed to water efficiency measures and economic factors.
- Over the 2006-2013 period, Toronto's water consumption has declined approximately 13%, from 377 to 333 million cubic metres.
- In 2014, actual consumption continued to decline, mostly due to unusually high rainfall and cold temperatures during the summer months. The 2014 total consumption is projected to be 2% lower than the 2013 actual consumption.
- The 2015 Water and Wastewater Rate Model assumes that the 2015 (and future year) consumption will remain at the same level as the 2014 projected actuals. As a result, anticipated revenues will decrease by \$212.2 million over the 10 year planning period.
- It is important to note that uncertainty in revenues from the sale of water continues to be a challenge for Toronto Water, especially given that a 1% variance in water consumption estimates would have an \$8.5 million impact on annual anticipated water rate revenue.

Water Rate Increases & Reserve Balances

- During the 2014 Budget process, City Council amended, for future planning purposes, the Capital Plan to reflect a water rate increase of 8% in the years 2015, 2016 and 2017 and directed that staff report back during the 2015 Budget process on additional financing options.
- While a separate report is being prepared on the financing options to support the Toronto Water's 10-Year Capital Plan, the 2015 Water and Wastewater Model incorporates water rate increases of:
 - ➤ 6.5% for 2015 (8% increase, annualized based on the 2015 Budget approval on March 10 and 11, 2015, effective March 13, 2015).
 - > 8% in 2016.
 - > 5% in 2017 and 2018.
 - 3% from 2019 to 2024.
- Overall, the water rates increases are slightly lower than directed by Council as they are better aligned to Toronto Water's 10-Year Capital Program delivery schedules.
- The rate increases will generate additional revenues of approximately \$1.117 billion, compared to revenues projected in the 2014 Water and Wastewater Rate Model which were based on the 3% increase over the 2015-2023 period. This, combined with other available revenue sources, has enabled Toronto Water to add previously unfunded/underfunded projects totalling \$797.234 million to its 2014-2023 Approved Capital Plan, and increase its focus on the delivery of service improvement and growth related projects.

- Funding for the *Basement Flooding Protection Program* of \$548.194 million over the 10-year planning period was added.
- Wet Weather Flow Master Plan projects totalling \$106.080 million were accelerated into the 10 year Capital Plan.
- The following should be noted:
 - Based on the 2015-2024 Water and Wastewater Rate Model, sufficient revenues will be generated to fund the 2015-2024 Capital Budget and Plan, leaving a healthy capital financing reserve balance of \$229 million at the end of the 10-year period. Due to the fact that the reserve balance goes down to approximately \$1.6-1.7 million in years 2021 and 2022, as some of the largest multi year projects are nearing completion, anticipated rate increases could not be lower than those incorporated in the Rate Model.
 - The previously unfunded TRCA Scarborough Waterfront Trail (\$54 million) has not been included in the 10-Year Capital Plan since this project is awaiting results of the Environmental Impact Assessment that is currently underway.
 - The scope of this project includes both trail/parkland and soil erosion work necessary to establish this new trail. Any further Toronto Water funding will be determined based on the portion of work associated with soil erosion component only.

Issues Impacting the 10-Year Capital Plan

State of Good Repair (SOGR) Backlog

- Toronto Water currently has a significant infrastructure renewal backlog, higher than any other major Canadian urban centre. It has the largest asset base in the country, estimated at \$28.044 billion with some infrastructure dating back to the 1800s. The construction of water and wastewater infrastructure in Toronto has aligned with urban growth cycles, and much of the City's infrastructure is reaching the end of its theoretical service life. For example, approximately 20% of the City's watermain infrastructure is 80 years or older.
- However, some of the City's oldest pipes (100 years or older) are still performing well. As Toronto Water plans for the renewal of aging infrastructure, a risk based approach is taken that considers infrastructure age, condition assessment, upsizing, which may be required to service future growth, and opportunities to reduce overall costs.
- Some key initiatives to identify Toronto Water's State of Good Repair needs include:
 - Water Loss Reduction Program which includes leak detection surveys on distribution water mains that is an indicator of the condition and performance of watermain.
 - Closed camera TV (CCTV) inspection program that utilizes closed camera technology to assess the condition of sanitary and storm sewers.
- The 2013 year-end value of the infrastructure renewal backlog is estimated at \$1.641 billion, reflecting 5.8% of Toronto Water's total asset value of \$28.256 billion. This is based on a detailed analysis of current condition assessments and assumptions of service life by linear asset class, coupled with assessments of water and wastewater treatment facilities.

- Condition assessments of infrastructure by asset class continue to be reviewed and updated. In addition to the condition assessments, Toronto Water is undertaking a review to define its requirements for an integrated Asset Management Solution to support further development of its Asset Management Plans. This review, with recommendations for an implementation plan is expected to be completed in 2015. It is that the General Manager, Toronto Water provide a status update on the estimated state of good repair backlog as part of the 2016 Budget Process.
- The 10-Year Capital Plan State of Good Repair funding totals \$5.658 billion and has annual cash flow funding of: 2015 \$424.223 million; 2016 \$606.288 million; 2017 \$621.124 million; 2018 \$607.949 million; 2019 \$587.573 million; 2020 \$621.047 million; 2021 \$605.047 million; 2022 \$549.442 million; 2023 \$529.143 million; and, 2024- \$515.207 million that will contribute towards reducing the watermain and sewer break rate.
- On average, approximately \$566 million will be directed annually to address the state of good repair backlog over the 10 year planning horizon. Assuming that the 2014 state of good repair backlog estimate will remain unchanged, the year-end backlog will be reduced from \$1.641 billion in 2013 to \$612.430 million by year 2019 and then eliminated in the year 2024.
- For the purposes of the State of Good Repair Backlog analysis, the City's stormwater management facilities, including stormwater ponds and underground storage tanks have not been included as they are relatively new infrastructure. A state of good repair backlog has not been established for stream restoration to address erosion scars due to changing site conditions resulting from each extreme weather event. Restoration is planned on a priority basis to protect existing infrastructure and in coordination with the Toronto Region Conservation Authority.

Extreme Weather Events

- The City of Toronto is experiencing more severe storms that have resulted in wide spread and recurring basement and surface flooding.
 - The storm of July 8, 2013, especially in the Etobicoke and York areas of the City, is an example of an extreme event where surface runoff far exceeded the carrying capacity of the storm sewers, local ditches, roadways, and streams. Once the City's sewer system capacity is exceeded, basement flooding may occur and spread quickly. More than 4,700 basement flooding complaints were received during and immediately following the July 8, 2013 storm.
 - Another example of extreme weather event is the 2013 Ice Storm that resulted in wide-spread power outages and damage to the City's tree canopy. In turn, fallen trees and tree limbs took down power lines and created hazardous conditions blocking not only roadways and public trails, but waterways as well.
 - The total costs of the above two storm events to Toronto Water were estimated at \$10.054 million.
 - In addition, during the 2014 winter (January to March), due to the extremely cold weather, Toronto Water experienced an unprecedented number of watermain breaks, leaking and frozen water services, not seen in 20 years. As a result, contractors carried out 850 repairs during that period compared to 78 and 122 repairs during the same period in 2013 and 2012 respectively. Additional costs to Toronto Water were estimated at \$7.021 million (\$3.400 million in capital and \$3.621 million in operating costs).

Basement Flooding

- In April 2006, City Council approved a Basement Flooding Protection Work Plan (now referred to as the Basement Flooding Protection Program) to undertake comprehensive engineering studies in 31 basement flooding study areas that experienced significant flooding during extreme storms in May 2000 and August 2005.
- New service level standards were adopted in these areas for sanitary sewer and storm drainage systems to accommodate a 1 in 100 year return frequency storm event, up from the current 1 in 2 to 1 in 5 year return frequency storm.
- Between 2006 and 2013, the number of study areas in the City was increased from 31 to 34 study areas in response to additional storm events and new occurrences of basement flooding.
- Extreme storms in 2008, 2012, July 8, 2013, and June 25,2014 impacted different parts of the City and resulted in thousands more flooding complaints. In December 2013, City Council approved the city-wide expansion of the Basement Flooding Protection Program. Seven new study areas were delineated in this same Staff Report bringing the total to 41 areas.
- As of the end of November 2014, Basement Flooding Environmental Assessment (EA) studies for 25 basement flooding study areas have been completed. These EA studies investigate the causes of basement and surface flooding and recommend sewer system improvements to reduce the risk of future basement flooding during extreme storms. Eight studies are ongoing and they will be completed in 2015. Studies for remaining 8 areas are anticipated to be completed in 2017.
- The construction of basement flooding protection projects began in 2009. Many challenges exist with the implementation of works recommended by the EA studies. Retrofitting an area to accommodate the higher level of storm drainage and overland flow controls in existing fully developed areas present the most significant challenge in terms of cost, scheduling and disruption to the local communities.
 - To date, \$173.0 million has been spent to upgrade over 130 kilometres of storm and sanitary sewers, build two surface storage ponds, and build one underground storm storage tank to meet the enhanced level of service requirements required under the Basement Flooding Protection Program. A further \$100 million in construction projects has been committed.
- The 2015 2024 Capital Budget and Plan includes \$1.547 billion in funding for Basement Flooding Relief projects, representing an increase of \$591.290 million over the approved funding in the 2014-2023 Capital Plan of \$955.710 million for projects which were part of the original Basement Flooding Protection Program. Toronto Water has also allocated an additional \$12.0 million in 2014 to initiate work on EA studies for new basement flooding study areas. The current 41 basement flooding study areas cover approximately 39% of the City.
- Despite this level of funding, Toronto Water will continue to face the following challenges:
 - There are increasing demands and high expectations for the further acceleration of basement flooding EA studies and implementation of projects by residents and businesses as a result of the tremendous impacts of basement flooding during extreme weather events.
 - Some of the recommended basement flooding protection projects from completed basement flooding EA studies have a cost that is greater than the Council adopted threshold of \$32,000

per benefitting property, and therefore these projects are not proceeding to engineering design and construction.

- The cost to implement basement flooding protection projects across all 41 study areas need to be continuously updated, as basement flooding EA studies are completed and new works are recommended.
 - In addition, beyond the 41 previously delineated study areas, another 26 new study areas have been delineated to address the city wide expansion of the program. As these new EA studies are completed, even further ongoing updates to the cost to implement basement flooding protection projects will be needed.
 - The identification of the 26 new study areas (bringing the total to 67 Study Areas) is being presented in a Staff Report to City Council as part of the 2015 Capital Budget Process.
 - In August 2014, Council approved an expanded program management capital delivery model for the Basement Flooding Protection Program that will deliver more quickly and more efficiently a larger number of infrastructure improvements, and meet the needs of the citywide expansion of the Program.

Mandatory Downspout Disconnection & Basement Flooding Protection Subsidy Program

- To enhance the City's drainage systems another two other components were added to the Basement Flooding Protection Program: a mandatory downspout disconnection bylaw to slow and reduce the volume of runoff reaching storm sewers during a rain event, and a subsidy program, offering up to \$3,200, to encourage home isolation through the installation of backwater valves on sanitary sewer service lines, the installation of sump pumps to remove foundation drainage, and severing and capping storm sewer service lines to reduce the risk of storm sewer back-ups.
- During the 2014 Budget Process, Council approved that applications processed after January 2, 2014, would be eligible for a total subsidy available under the Basement Flooding Protection Subsidy Program of \$3,400 per household by removing the combined subsidy for a backwater valve and sump pump.
 - In response to a significant increase in program application volumes, the 2015-2024 Capital Budget and Plan allocates \$5.5 million annually.
- A plan for enforcement of the Mandatory Downspout Disconnect Program Phase 1 (combined sewer areas) and implementation of Phase 2 (basement flooding areas) as set out in Municipal Code Chapter 681, as part of the Basement Flooding Protection Program was presented in the report titled "Update on Implementation of the Mandatory Downspout Disconnection Program" from the General Manager, Toronto Water and approved concurrently with the 2014 Capital and Operating Budget for Toronto Water.
 - The report indicated that a high compliance rate can be achieved through education, communications and outreach, grounded by the by-law. Rather than embark on an aggressive enforcement program that may achieve only very limited results and may incur costly litigation, a multi-year enhanced education, communication and outreach strategy will be continued to boost compliance with the by-law across the City.

Stream Restoration and Critical Erosion Projects

- As a part of its Stormwater Management Program, Toronto Water provides an annual funding contribution to the TRCA for stream restoration and erosion control projects. The 2015-2024 Capital Budget and Plan includes a total of \$91.500 million over a 10-year period.
- In approving the "Impact of July 8, 2013 storm on the City's Sewer and Stormwater Systems" report, City Council requested the Toronto and Region Conservation Authority to forward to the General Manager, Toronto Water, information on houses within the flood plain that are most vulnerable to flooding from the Black Creek Watershed and that the General Manager, Toronto Water, provide this information in a report to the Public Works and Infrastructure Committee in February 2014.
- A report titled "Coordinated Watercourse Management Plan" from the General Manager Toronto Water, with appropriate recommendations was approved by Council at its meeting of June, 10, 11, 12 and 14, 2014. Further details are provided under the Issues Referred to 2015 Budget Process section.

Recent Regulations

- The provision of water and wastewater services in Ontario continues to experience increased legislative and regulatory reform. Key provincial regulations include:
 - ➤ Bill 195 (Safe Drinking Water Act) provides policy and practice for water testing for the protection of human health and the prevention of drinking water health hazards. It requests that municipalities publish annual reports describing the operation of the water system and the results of testing required to ensure that residents are provided with safe drinking water.
 - Bill 43 (Clean Water Act) which provides protection for municipal drinking water supplies through developing collaborative; locally driven; science-based protection plans by municipalities; conservation authorities; and, the public.
- The most recent Federal regulations enacted on July 18, 2012 under the Fisheries Act, are the first federal regulations that specifically address municipal wastewater treatment plant effluents. They impose operational, administrative, and financial burdens on the City due to additional regulatory requirements beyond those already imposed by the Ontario Ministry of the Environment and Climate Change (MOECC).
 - Toronto Water has developed an action plan to address the new Federal Fisheries Act Wastewater Systems Effluent Regulations by January 2015.
 - ➤ Toronto Water's 2015-2024 Capital Budget and Plan includes funding for design and construction of a new effluent disinfection system at the Ashbridges Bay Wastewater Treatment Plant estimated at \$197.695 million.

Issues Referred to the 2015 Capital Budget Process

Funding Pressures:

At its meeting of October 30, 31 and November 1, 2012, Council in considering a report titled
 "Toronto Water Capital Program Funding Pressures and Financing Options", directed the Deputy

City Manager and Chief Financial Officer, and General Manager, Toronto Water to report to Executive Committee on strategies to maximize funding capacity and/or provide reductions in current project costs to address existing and emerging unfunded capital priorities financing options in June 2013, in advance of Toronto Water's long term Capital Plan. Council also requested that as part of the same report, consideration be given to a property owner's ability to pay in establishing the water rate and/or water rate increases, and with respect of the introduction of a fixed stormwater charge for the Wet Weather Flow Program.

- At its meeting of July 16, 17, 18 and 19, 2013, City Council directed the General Manager, Toronto Water, in consultation with the Deputy City Manager and Chief Financial Officer, to report to the October 30, 2013 meeting of the Executive Committee with financing options for increased investment in Toronto Water Infrastructure, particularly for Wet Weather Flow Management Master Plan and Basement Flooding Protection projects, as previously directed by Council of November 29, 30 and December 1, 2012.
- In response to the above requests, the General Manager of Toronto Water and the Deputy City Manager and Chief Financial Officer, prepared a report titled "Future Options and Public Attitudes for Paying for Water, Wastewater and Storm Water Infrastructure and Services", which was approved by Council in November, 2013.
- The report underlined Toronto Water's need for more funding in order to continue to provide safe drinking water, safely treat wastewater, and provide stormwater management to protect private property and the environment.
- In approving the report recommendations City Council requested the General Manager Toronto Water, and the Deputy City Manager and Chief Financial Officer to identify the most appropriate way to generate additional revenue for Toronto Water to fund its substantial infrastructure and to conduct further detailed studies including stakeholder input on such options.
- Some of the options that were identified in order to generate more revenues are:
 - Water rate increases greater than the rate of inflation once the '9% for 9 years' increases end in 2014; and/or,
 - A separate stormwater management charge on the water bill; and/or,
 - Debenture financing for large scale, long service period projects, with all debt service costs to be paid from water rate revenue; and/or,
 - Local improvement charges for all or a portion of the Basement Flooding Protection Program.
- City Council also directed the Deputy City Manager and Chief Financial Officer and the General Manager Toronto Water, to report back to the Executive Committee, as part of Toronto Water's 2015 Capital Budget Submission with a recommended financing strategy to support Toronto Water's long term Capital Plan with a detailed implementation plan.
- A report titled "Stormwater Charge as a Funding Option for Investing in Toronto Water Infrastructure" will be submitted to the Executive Committee for consideration in early 2015. The purpose of this report is to report back City Council on funding models to generate revenue for Toronto Water's Capital Program. The report advises on the implementation of a charge that is dedicated to funding stormwater management projects.

Storm Water Management

In approving the report titled "Expansion of the Basement Flooding Protection Program's Priority Study Areas" from the General Manager, Toronto Water which was considered by City Council concurrently with the 2014 Capital and Operating Budget for Toronto Water (Council meeting of December 16, 17 and 18, 2013), City Council directed the General Manager, Toronto Water to:

- Prioritize future Basement Flooding Protection Program studies based on the density of reported basement flooding complaints per sanitary sewer subsewershed for major storm events since 2000. The density of reported basement flooding complaints will be calculated on the basis of the number of complaints of basement flooding received by the City divided by the land area serviced by the sanitary sewer subsewershed.
 - Toronto Water is submitting a report back to City Council as part of the 2015 Budget Process that will identify and prioritize new basement flooding study areas for the remainder of the City based on the density of basement flooding complaints per sanitary sewer subsewershed for major storms since year 2000.
- Report back on the schedule of future Basement Flooding Protection Program study areas (for Study Area 42 and beyond), across the remainder of the city, as part of Toronto Water's 2015 Budget Submission.
 - The above Staff Report will include a schedule for undertaking Basement Flooding Environmental Assessment studies in new basement flooding study areas for the remainder of the City.
- Initiate and expedite the completion of new Environmental Assessment studies for Area 35 (Silver Creek subsewershed), Area 36 (Chapman subsewershed), Area 37 (Hillary subsewershed), Area 38 (Etobicoke Creek subsewershed), Area 39 (Berry Creek subsewershed), Area 40 (Forman-Yonge subsewershed), and Area 41 (North Mimico Creek subsewershed).
 - ➤ Toronto Water requested Council to amend its 2014 Capital Budget and Plan to add funding of \$ 12.0 million over the 2014-2016 period to allow the award of these new EAs. Funding for completion of new EA studies has been included in the 2015-2024 Capital Budget and Plan.
 - A Request for Proposal was issued for engineering consulting firms to undertake the Basement Flooding EA studies for eight study areas (Area 34 and the seven new basement flooding study areas (Areas 35 to 41) identified in 2013. The EA studies are expected to begin in early 2015 and be completed in 2017.
- Report to the Public Works and Infrastructure Committee prior to the 2015 Budget process on a Response Protocol with financial impacts for basement flooding caused by project work within the Basement Flooding Relief Program.
 - A report will be prepared by Engineering and Construction Services Division in coordination with the Toronto Water Division in early 2015.
- Report back in early 2014 on a coordinated, prioritized Toronto Water and Toronto Region Conservation Authority erosion control strategy and projects, such report to consider an Environmental Assessment for the Scarborough Waterfront Trail and Critical Erosion.

A report titled "Coordinated Watercourse Management Plan" from the General Manager Toronto Water, was approved by Council at its meeting of June, 10, 11, 12 and 14, 2014 confirming the Watercourse Management principles in Toronto, as well as the following recommendations:

- That future funding for the Toronto and Region Conservation Authority Erosion Management Program be considered 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.
- The General Manager, Toronto Water continue to report to City Council, as part of the annual Toronto Water budget submission, on the 10-year Toronto and Region Conservation Authority/Toronto Water coordinated capital plan of erosion improvement works.

Toronto Water's 2015-2024 Capital Budget Plan allocates funding of approximately \$103.616 million over the next 10 year horizon for stream restoration and erosion management to carry out works to protect its own infrastructure in valley lands. In addition, Toronto Water will increase its contribution to the TRCA critical erosion projects by \$65.000 million, from \$72.088 million to \$137.088 million.

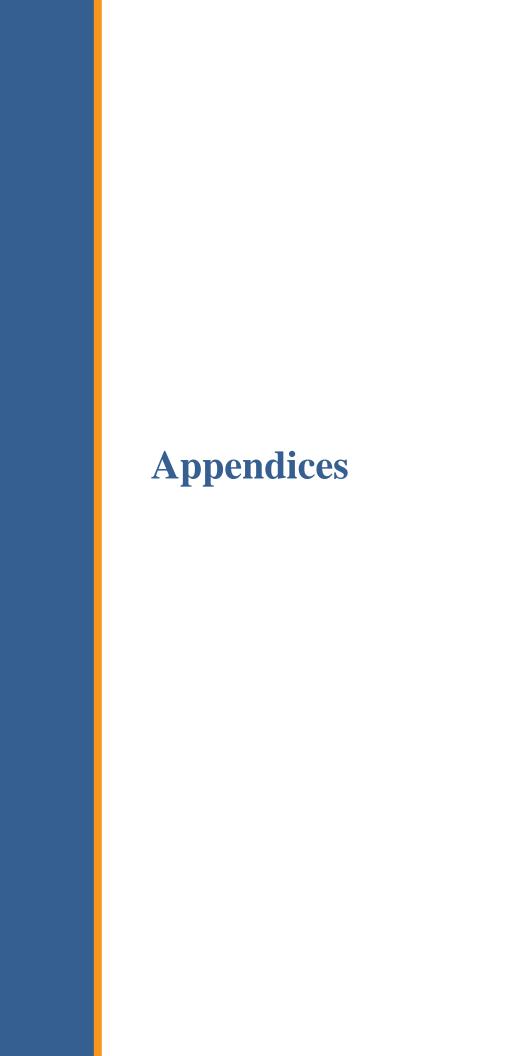
- In approving the report titled "Ashbridges Bay Landform Project Erosion and Sediment Control Class Environmental Assessment" City Council at its meeting of June, 10, 11, 12 and 14, 2014 authorized the General Manager, Toronto Water, as a co-proponent with the Toronto and Region Conservation Authority, to finalize the Environmental Study Report and issue a Notice of Study Completion for the Ashbridges Bay Erosion and Sediment Control Class Environmental Assessment and subject to completion of the Class Environmental Assessment to:
 - Proceed to undertake the detailed design of the Ashbridges Bay landform project in 2014 as a joint initiative to be led by the Toronto and Region Conservation Authority; and
 - Report back, through the 2015 Capital Budget process, on an implementation plan for the Ashbridges Bay landform project including a construction phasing schedule, costs and revenues, and other implementation details.
 - > The Environmental Study Report for the Ashbridges Bay Landform Project Erosion and Sediment Control Class Environmental Assessment was filed for the mandatory 30-day review period in October 2014 and detailed design of the project with TRCA will begin upon completion of the Class EA process. Toronto Water and TRCA will report back to City Council on the implementation plan, costs and other implementation details in 2015.

Green Parking Lot standards:

- A multi-year capital plan to meet the Green Parking Lot standards for Toronto Water properties was requested by Council at its meeting of October 8, 9, 10 and 11, 2013.
 - In response to this request, Toronto Water is including a review of its parking lots for opportunities to meet the Green Parking lot standards as a part of an overall Facility. Condition Assessment that will be undertaken over the next two years. A multi year plan will be presented as part of the budget submission process upon completion of the study.

Green Streets:

- In October 2013, City Council also requested the General Manager, Toronto Water, the General Manager, Transportation Services, the Executive Director, Engineering and Construction Services, and the Chief Planner and Executive Director to work together to develop "green infrastructure" standards for the public right of way for implementation in Transportation Services and Toronto Water capital projects with a target implementation date for the 2015 construction season.
 - Toronto Water is participating in the Complete Streets Initiative along with City Planning, Transportation Services, Engineering and Construction Services and other divisions to develop Toronto's Complete Streets Guidelines, which will include guidelines for stormwater management "green" infrastructure within the City's Right-of-Way. The final Guidelines and a recommended implementation strategy are expected to be brought to Council in late 2015/early 2016.



Appendix 1

2014 Performance

2014 Key Accomplishments

By the end of 2014, Toronto Water will complete the following projects:

- Corrosion control system on-line at all four water treatment plants (\$8.0 million)
- Basement flooding Projects including the subsidy program(\$61.0 million)
- 38 km of watermain replacement (\$57.0 million) and 42 km of structural watermain lining (\$26.0 million)
- 15 km of sewer replacement (\$30.0 million) and 85 km of sewer rehabilitation (\$27.0 million)

Strong progress on the following contracts across the Waste Water Treatment Plans (WWTP) which have numerous active multi-year contracts at various stages of construction; none completed in 2014, however significant construction progress has been undertaken:

- Asbridges Bay Treatment Plant Fine Bubble Aeration Tank 2 (\$11.0 million total) \$4.0 million in
 2014
- Asbridges Bay Treatment Plant Standby Power Generation (\$13.0 million total) \$5.0 million in
 2014
- Asbridges Bay Treatment Plant P building upgrades (\$143.0 million total) \$26.0 million in 2014
- Highland Creek Treatment Plant Biosolids upgrades (\$55.0 million total) \$7.0 million in 2014
- Highland Creek Treatment Plant Odour control upgrades (\$65.0 million total) \$2.0 million in 2014
- Humber Treatment Plant Chlorine facility upgrades (\$10.0 million total) \$4.0 million in 2014
- Humber Treatment Plant New Substation (\$21.0 million total) \$5 million in 2014
- Humber Treatment Plant, Gas Compressor upgrades (\$23.0 million total) \$5.0 million in 2014
- Humber Treatment Plant Odour Control (\$53.0 million total) \$5.0 million in 2014
- Automated Meter Reader Project \$47.0 million in 2014

2014 Financial Performance

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

2014 Approved	As of Decem	ber 31, 2014	Unspent	t Balance
\$	\$	% Spent	\$ Unspent	% Unspent
616,962	587,826	95.3%	29,136	4.7%

2014 Experience

Capital expenditure for the 9 months ending September 30, 2014 totalled \$327.013 million or 53% of the 2014 Approved Capital Budget of \$616.962 million.

This level of spending is slightly ahead of project schedules for the construction of water infrastructure. Toronto Water incurred a majority of the year to date spending for the following large multi-year projects:

- Automated Meter Replacement (AMR) Program (\$34.125 million or 72% of the 2014 Approved Capital Budget of \$47.418 million).
- Basement Flooding Relief Projects (\$34.463 million or 54% of the 2014 Approved Capital Budget of \$63.911 million)
- Rehabilitation and Replacement of Linear Infrastructure for Water and Sewers projects (\$130.378 million or 55% of the 2014 Approved Capital Budget of \$238.287 million).
- Transmission & Storage Facilities including the Gerard Street transmission watermain and implementation of corrosion control projects at the water treatment plants (\$28.221 million or 59% of the 2014 Approved Capital Budget of \$47.475 million).
- Improvements at Ashbridges Bay Treatment Plant which include the upgrade of primary treatment process and standby power generation (\$41.125 million or 70% of the 2014 Approved Capital Budget of \$58.862 million).
- Improvements at Highland Creek Treatment Plant which include the bio-solids treatment upgrades and Waste Activated Sludge and Dewatering process upgrades (\$14.552 million or 55% of the 2014 Approved Capital Budget of \$26.403 million).

Toronto Water is projecting spending of \$543.706 million or 88.1% by year-end. The projected year-end spending rate exceeds the Rate Model completion rate target for 2014 of 85% for projects funded from the Toronto Water Capital Financing Reserve.

In 2014, significant progress continued to be made on state of good projects to address infrastructure renewal such as watermain and sewer rehabilitation; transmission projects that include trunk mains and reservoirs; the Ashbridges Treatment Plant upgrades; and implementation of the Basement Flooding Relief projects. These projects are expected to meet or exceed the targeted spend rate of 85%.

Toronto Water will also continue to facilitate the New Service Connections projects for development projects and is on schedule with the Water Meter Replacement Program. These projects are expected to have a spend rate of 100%.

Toronto Water is forecasting *below the targeted 85% spend rate* for several planned projects due to complexities with engineering and design which led to delayed tendering and awarding of the associated contracts and/or delays associated with on-site work coordination. These projects include:

- Waterfront Projects (\$3.5 million or 12.1% of the 2014 Approved Capital Budget of \$29 million).
- Business & Process Control System Improvements (\$5.594 million or 58% of the 2014 Approved Capital Budget of \$9.614 million).

- Facility improvements to RL Clark Treatment Plant, Island Treatment Plant, FJ Horgan Treatment Plant and RC Harris Treatment Plant (\$12.571 million or 73% of the 2014 Approved Capital Budget of \$17.139 million).
- Wet Weather Flow projects (\$29.573 million or 78% of the 2014 Approved Capital Budget of \$37.763 million).
- Yard and Facility improvements (\$1.493 million or 77% of the 2014 Approved Capital Budget of \$1.950 million).

Impact of the 2014 Capital Variance on the 2015 Budget

 Funding of \$55.982 million for approximately 122 projects have been carried forward and included in Toronto Water's 2015 Capital Budget to complete these projects' work.

Appendix 2

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

		Capit	ai buc	iget; 2	2010 (0 202		اعامر	ופי				
	Total Project		2046			2010	2015 -			2022			2015 - 2024
Project ASHBRIDGES BAY T.P III YR2004	Cost N/A	2015	2016	2017	2018	2019	2019 1,575	2020	2021	2022	2023	2024	Total 1,575
ASHBRIDGES BAY T.P. YR2006	N/A	1,495 810	50 510	1,049			2,369						2,369
ASHBRIDGES BAY WWTP - BUILDING SERVICES & SITE DEV	N/A	950	2,760	3,350	3,195	160	10,415	150	100	100	100	2,100	12,965
ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM	N/A	860	11,830	52,239	83,400	140,950	289,279	89,167	84,623	79,100	17,700	2,100	559,869
ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HANDLING	N/A	42,582	47,287	55,250	67,131	61,100	273,350	77,000	85,000	81,000	99,500	76,500	692,350
ASHBRIDGES BAY WWTP - O&M UPGRADES	N/A	5,270	9,657	5,500	2,500	2,500	25,427	2,500	2,500	2,500	2,500	70,000	35,427
ASHBRIDGES BAY WWTP - ODOUR CONTROL	N/A	2,643	12,687	8,400	122	_,	23,852	_,,,,,	_,,,,,,		_,,,,,,		23,852
ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING	N/A	3,000	3,725	22,046	28,200	26,710	83,681	21,710	17,960	15,110	80		138,541
ASHBRIDGES BAY WWTP REHAB	N/A	19,810	29,998	39,571	47,372	31,309	168,060	13,630	10,976	9,039	8,940	8,540	219,185
ASHRIDGES BAY TP YR2005	N/A	3,770	3,714	3,275	1,438	01,000	12,197	10,000	,	0,000	0,010	0,0.0	12,197
AVENUE ROAD TRUNKMAIN REPLACEMENT	N/A	354	1,090				1,444						1,444
BASEMENT FLOODING RELIEF	N/A	62,965	82,833	129,094	167,069	176,625	618,586	178,204	183,747	189,090	188,440	188,440	1,546,507
BAYVIEW TRUNK WATERMAIN - PH2	N/A				400	100	500	400	4,000	4,000			8,900
BUSINESS IT PROJECTS	N/A	1,033	2,069	1,621	1,272	1,373	7,368	500					7,868
BUSINESS SYSTEM INFRASTRUCTURE - PW	N/A	10,328	9,683	8,367	9,267	8,652	46,297	4,937	3,391	2,394	2,509	2,479	62,007
CLARK RESIDUE MGMT. FACILITIES	N/A	380	950				1,330						1,330
CONVEYANCE CONTROLS - REPLC & REHAB	N/A	44					44						44
D2/D4 TRUNK WATERMAIN UPGRADES	N/A				300	600	900	5,600	20,600	17,225	10,300		54,625
DIST SEWER REHAB OPS YR2005	N/A	388	12				400						400
DIST W/M REHA BILITATION	N/A	50,788	62,572	70,041	69,438	67,512	320,351	67,705	72,052	73,901	74,003	74,108	682,120
DIST W/M REPLACEMENT	N/A	62,323	86,626	86,459	98,100	107,100	440,608	115,300	121,100	123,300	123,500	123,500	1,047,308
DIST WATER SERVICE REPAIR	N/A	22,934	27,169	27,248	28,008	28,483	133,842	28,972	29,476	29,996	29,713	30,239	282,238
DISTRICT WATERMAINS - NEW	N/A	102	500	500	500	500	2,102	500	500	500	500	500	4,602
DON & WATERFRONT TRUNK CSO	N/A	6,150	12,601	4,000	28,546	52,180	103,477	54,180	56,180	106,807	90,680	116,500	527,824
DOWNTOWN W/M ENHANCEMENT	N/A	11,932	7,821	7			19,760						19,760
EMERY CREEK POND	N/A	3,900	1,073				4,973						4,973
ENGINEERING	N/A	51,219	54,546	46,885	46,366	49,223	248,239	55,259	52,631	51,748	53,081	49,235	510,193
ENGINEERING STUDIES	N/A	1,647	1,279	620	110	50	3,706	50	50	50	50	50	3,956
EQUIPMENT REPLACEMENT & REHABILITATION	N/A	386	4,858	5,220	3,890	20	14,374	30					14,404
FJ HORGAN W.T.P. R&R	223,728.0	3,412	7,325	6,488	4,625	2,445	24,295	1,024	775	675	200	200	27,169
FJ HORGAN W.T.P. R&R	N/A	84					84						84
GEORGETOWN SOUTH CITY INFRASTRUCTURE UPGRADES	N/A	5,680	5,680	5,680	5,680	5,680	28,400						28,400
HARRIS W.T.P. R&R	N/A	7,187	17,772	14,785	22,858	19,007	81,609	14,650	11,500	1,700	500	500	110,459
HIGHLAND CREEK T.P IV YR2004	N/A	63	120				183						183
HIGHLAND CREEK TP YR2005	N/A	122	115	5			242						242
HIGHLAND CREEK WWTP - BUILDING SERV & SITE DEV	N/A	1,000	3,500	4,000	4,000	2,800	15,300						15,300
HIGHLAND CREEK WWTP - ODOUR CONTROL	N/A	15,505	18,475	16,920	16,500	7,380	74,780	6,500	11,300	10,550	5,350		108,480
HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING	N/A	746	7,100	5,050	26,500	43,000	82,396	37,000	35,000	250	250		154,896
HIGHLAND CREEK WWTP UPGRADES	N/A	19,657	43,987	29,405	17,875	31,397	142,321	46,403	46,400	34,985	30,050	11,130	311,289
HORGAN TRUNK MAIN EXPANSION	N/A	900	6,250	31,100	27,070	4,600	69,920	7,500	10,320	3,300	700	600	92,340
HORGAN W.T.P. EXPANSION	N/A	3,496	5,264				8,760						8,760
HUMBER T.P.	N/A	200	200	109	_		509						509
HUMBER T.P II YR2004	N/A	155	5	7	7		174						174
HUMBER TP YR2005	N/A	1,793	1,750	174	100	101	3,918	47.050	42.405	4.450	2420	45.000	3,918
HUMBER WWTP - LIQUID TREATMENT & HANDLING	N/A	9,330	26,134	49,025	48,600	48,732	181,821	47,850	42,405	1,150	3,120	15,000	291,346
HUMBER WWTP - O&M UPGRADES	N/A	9,584	5,877	4,850			20,311						20,311
HUMBER WWTP - ODOUR CONTROL	N/A	32,730	11,750	3,385	F 000	40.050	47,865	45 405		4 200	4.405	4 4 4 5 5	47,865
HUMBER WWTP UPGRADES	N/A	9,137	8,657	10,157	5,093	10,263	43,307	15,425	5,140	1,200	1,125	1,125	67,322
ISLAND PLANT WINTERIZATION	N/A	56	515	7.405	7.250	7.250	571	2.050	10				571
ISLAND W.T.P. R&R	N/A	719	2,530	7,485	7,250	7,250	25,234	2,050	10	525	275	525	27,294
ISLAND W.T.P. R&R	N/A	3,755	6,576	2,990	620	375	14,316	525	375	525	375	525	16,641
Land Acquisition for Source Water Protect LAWRENCE ALLAN REVITALIZATION PLAN	N/A N/A	8,500 6,471	7,000 3,354	8,000 18,078	8,000 2,127	9,500 3,531	41,000 33,561	9,500	9,500	9,500	11,000	11,000	91,500 33,561
METERING & METER READING SYS					2,127	3,331							
METERING & METER READING SYS NEW SERVICE CONNECTIONS	232,155.2 N/A	26,920	30,367	2,515	24,601	22,254	59,802 117 569	22,411	22,574	22,741	22,913	23,091	59,802 231 299
NEW SEWER CONSTRUCTION	N/A N/A	26,082	26,180 8,000	18,452	10,000	12,000	117,569 43,500			14,000	14,000		231,299 113,500
NORTH TORONTO WTP UPGRADES	N/A N/A	3,500	752	10,000 500	250	12,000	43,500 1,504	14,000	14,000	14,000	14,000	14,000	113,500
OPERATIONAL SUPPORT	N/A	4,110	5,255	7,949	8,010	7,623	32,947	2,755	5,655	2,230	2,230	2,230	48,047
PW ENGINEERING	N/A	3,390	5,024	5,785	3,535	2,900	20,634	1,900	1,900	1,900	1,400	900	28,634
REGENT PARK CAPITAL CONTRIBUTION	N/A	1,215	1,803	475	1,090	632	5,215	37	54	31	1,400	500	5,337
RL CLARK W.T.P. R&R	N/A N/A	1,215	9,890	22,212	13,895	5,375	64,016	10,150	20,150	20,150	150	150	114,766
SEWAGE PUMPING STATION UPGRADES	N/A	8,565	3,986	643	3,700	9,550	26,444	11,600	9,500	7,300	3,150	100	58,094
SEWER ASSET PLANNING	N/A	11,658	16,782	15,095	17,501	17,650	78,686	26,150	20,645	15,150	15,150	13,650	169,431
SEWER REPLACEMENT PROGRAM	N/A	44,446	45,768	44,396	43,900	48,786	227,296	52,000	57,000	57,000	57,000	57,000	507,296
SEWER SYSTEM REHABILITATION	N/A	35,068	39,822	36,412	55,800	53,665	220,767	57,678	58,373	60,036	60,036	60,036	516,926
STREAM RESTORATION & EROSION CONTROL	N/A	12,361	6,895	10,049	8,836	13,475	51,616	13,210	13,310	11,660	12,660	14,660	117,116
SWITCH GEAR TRANSFORMER	N/A	5,000	5,400	3,703	3,030		14,103				,000	_ 1,000	14,103
SWM TRCA FUNDING	N/A	4,069	4,171	4,275	4,382	4,491	21,388	4,604	4,719	4,837	4,958	5,082	45,588
SWM END OF PIPE FACILITIES	N/A	10,400	4,851	6,550	11,540	14,530	47,871	20,130	31,680	15,500	30,000	70,000	215,181
SWM SOURCE CONTROL PROG	N/A	150	150	150	150	_ 1,550	600	_5,150	21,000		20,000	. 0,000	600
TASTE AND ODOUR MANAGEMENT	N/A						-				2,500	10,000	12,500
TRANSMISSION R&R	N/A	21,974	31,390	22,405	7,431	11,837	95,037	12,400	8,950	9,725	13,835	18,400	158,347
TRUNK SEWER SYSTEM	N/A	27,282	29,096	28,647	33,284	34,596	152,905	35,011	35,000	50,000	50,000	50,000	372,916
TRUNK WATERMAIN	N/A	750	4,140	4,770	1,890	2,250	13,800	2,000	5,000	5,000	5,000	5,000	35,800
TRUNK WATERMAIN EXPANSION	N/A	400	5,600	7,700	7,400	6,050	27,150	50	.,	.,	.,	.,	27,200
W&WW LABORATORIES	N/A	120	120	150	210	210	810	210	1,510	8,610	8,610	3,010	22,760
WATER EFFICIENCY PROGRAM	N/A	520	520	520	520	520	2,600	520	520	520	520	520	5,200
WATER STORAGE EXPANSION	N/A	197					197						197
WATER SUSTAINABILITY PROGRAM	N/A	1,370	18,157	13,705	17,220	5,752	56,204	11,300	8,700	1,550	8,950	850	87,554
WESTERN BEACHES RETROFIT	N/A	1,203	4,100	1,000	-		6,303	,	.,	,	.,		6,303
WET WEATHER FLOW MP	N/A	13,502	24,972	11,357	17,193	8,950	75,974	9,100	8,500	10,850	11,850	10,350	126,624
										,		,	
Total (including carry forward funding)	455,883	785 243	1,001,027	1 067 880	1 175 867	1 234 304	5 264 321	1 211 437	1 245 351	1 160 405	1 070 170	1 071 200	

Appendix 3

2015 Capital Budget; 2016 to 2024 Capital Plan

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

		•		•																	
Water	Program																				
				Curre	nt and Fu	iture Year	Cash Flov	w Commitn	nents			Cu	rrent and Fu	uture Year	Cash Flo	w Comm	nitments F	Financed	Ву		
	Project No. Project Name SubProj No. Sub-project Name Ward Sta	. Cat. 20)15	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 Recovers Debt		Total Financing
WAT0000	004 HORGAN W.T.P. EXPANSION																				
0 2	PLANT EXPANSION - DESIGN & CONSTR CW S2 ADMIN	05	940	0	0	0	0	940	0	940	C) (0 300	0	339	C) 0	301	0	0	940
1 5	PLANT EXPANSION - CONSTRUCTION CW S2	05	975	0	0	0	0	975	0	975	C) (0 312	0	351	C	0 0	312	0	0	975
0 18	SUPERNATANT AND FORCEMAIN CW S2 INSTALLATION	05	4,500	0	0	0	0	4,500	0	4,500	C) (0 1,438	0	3,062	C	0 0	0	0	0	4,500
0 32	SUPERNATANT & FORCEMAIN-2015 SC CW S3	05 -	2,000	4,500	0	0	0	2,500	0	2,500	C) (0 799	0	1,701	C	0 0	0	0	0	2,500
0 33	PLANT EXPANSION - DESIGN & CONSTR CW S3 ADMIN-2015 SC	05	-562	0	0	0	0	-562	0	-562	C) (0 -179	0	-203	C	0	-180	0	0	-562
0 34	PLANT EXPANSION - CW S3 CONSTRUCTION-2015 SC	05	-357	764	0	0	0	407	0	407	C) (0 130	0	147	C) 0	130	0	0	407
	Sub-total	:	3,496	5,264	0	0	0	8,760	0	8,760	0	(0 2,800	0	5,397	C) 0	563	0	0	8,760
WAT0000	014 WATER STORAGE EXPANSION																				
0 1	DUFFERIN RES. EXT DESIGN AND CW S2 CONT. ADMIN	05	5	0	0	0	0	5	0	5	C) (0 3	0	2	C	0 0	0	0	0	5
0 2	Milliken PS and Reservoir - Engineering CW S2	05	70	0	0	0	0	70	0	70	C) (0 29	0	15	C) 0	26	0	0	70
0 48	DUFFERIN RES. EXT DESIGN&CONT. CW S3 ADMIN - 2015 SC	05	45	0	0	0	0	45	0	45	C) (0 28	0	17	C	0 0	0	0	0	45
0 49	MILLIKEN CW S3 PS&RESERVOIR-DESIGN&CONT&ADMIN	05	77	0	0	0	0	77	0	77	C) (0 32	0	16	C	0) 29	0	0	77
	Sub-total		197	0	0	0	0	197	0	197	0	1 (0 92	0	50	C) 0) 55	0	0	197
WAT0000	018 CLARK RESIDUE MGMT. FACILITIES																				
0 24	RESIDUALS RETROFITS & UPGRADES CW S2	02	380	450	0	0	0	830	0	830	C) (0 0	0	830	C	0 0	0	0	0	830
0 27	RESIDUALS RETROFITS AND UPGRADES CW S3 - 2015 SC	02	0	500	0	0	0	500	0	500	C) (0 0	0	500	C	0	0	0	0	500
	Sub-total		380	950	0	0	0	1,330	0	1,330	0	(0 0	0	1,330	C) 0	0	0	0	1,330
WAT0000	WATER EFFICIENCY PROGRAM																				
0 10	ICI INDOOR WATER AUDIT CW S2	05	300	300	300	0	0	900	0	900	C) (0 900	0	0	C) 0	0	0	0	900
0 11	PUBLIC EDUCATION & PROMOTIONS CW S2	05	150	150	150	0	0	450	0	450	C) (0 450	0	0	C	0 0	0	0	0	450
0 12	ANCILLARY COSTS CW S2	05	70	70	70	0	0	210	0	210	C) (0 210	0	0	C	0 0	0	0	0	210
0 82	WATER EFFICIENCY FUTURE YEAR CW S6	05	0	0	0	520	520	1,040	2,600	3,640	C) (0 3,094	0	546	C	0	0	0	0	3,640
	Sub-total		520	520	520	520	520	2,600	2,600	5,200	0	(0 4,654	0	546	C) 0	0	0	0	5,200
WAT0003	340 ISLAND PLANT WINTERIZATION																				
0 1	PLANT WINTERIZATION & CW S2 SUMMERIZATION	04	444	0	0	0	0	444	0	444	C) (0 0	0	444	C) 0	0	0	0	444

Report Phase 5 - Program 10 Water Program Program Phase 5

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

							Curre	ent and F	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year	Cash Flow	Commitn	nents F	inanced I	3у		
Sub Pric		<u>iject No.</u> <u>Project Name</u> pProj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal I	Development Charges	Reserves	Reserve f	apital rom urrent O	ther 1	Other2	Del Recov Debt		Total Financing
WAT	000340	ISLAND PLANT WINTERIZATION																						
0	14	PLANT WINTERIZATION & SUMMERIZATION-2015 SC	CW	S3	04	-388	515	0	0	0	127	0	127	(0	0	0	127	0	0	0	0	0	127
		Sub-total				56	515	0	0	0	571	0	571	C	0	0	0	571	0	0	0	0	0	571
WAT	000363	ENGINEERING STUDIES																						
0	2	IMPROVED TREATMENT STUDIES	CW	S2	04	413	50	0	0	0	463	0	463	(0	0	0	463	0	0	0	0	0	463
0	18	Controlled Substances ID and Abatement	CW	S2	02	200	0	0	0	0	200	0	200	(0	0	0	200	0	0	0	0	0	200
0	25	FACILITY FORECAST/SOGR	CW	S6	03	0	500	500	50	50	1,100	250	1,350	(0	0	0	1,350	0	0	0	0	0	1,350
0	31	ENERGY EFFICIENCY IMPLEMENTATION	N CW	S2	04	106	0	0	0	0	106	0	106	(0	0	0	106	0	0	0	0	0	106
0	38	CORROSION CONTROL	CW	S2	02	1,401	0	0	0	0	1,401	0	1,401	(0	85	0	1,316	0	0	0	0	0	1,401
0	58	CONTROLLED SUBSTANCES ID AND ABATEMENT - 2015 SC	CW	S3	02	0	68	70	60	0	198	0	198	(0	0	0	198	0	0	0	0	0	198
0	59	CORROSION CONTROL - 2015 SC	CW	S 3	02	-552	404	0	0	0	-148	0	-148	(0	-8	0	-140	0	0	0	0	0	-148
0	60	IMPROVED TREATMENT STUDIES - 2015 SC	5 CW	S 3	04	27	157	50	0	0	234	0	234	(0	0	0	234	0	0	0	0	0	234
0	61	ENERGY EFFICIENCY IMPLEMENTATION-2015 SC	CW	S 3	04	52	100	0	0	0	152	0	152	(0	0	0	152	0	0	0	0	0	152
		Sub-total				1,647	1,279	620	110	50	3,706	250	3,956	C	0	77	0	3,879	0	0	0	0	0	3,956
WAT	000426	TASTE AND ODOUR MANAGEMENT																						
0	1	TASTE AND ODOUR MANAGEMENT	CW	S6	04	0	0	0	0	0	0	12,500	12,500	(0	0	0	12,500	0	0	0	0	0	12,500
		Sub-total				0	0	0	0	0	0	12,500	12,500	C	0	0	0	12,500	0	0	0	0	0	12,500
WAT	906334	BUSINESS SYSTEM INFRASTRUCTURE	- PW																					
0	7	NETWORK EQUIPMENT REPLACEMENT	CW	S2	03	1,545	0	0	0	0	1,545	0	1,545	(0	0	0	1,545	0	0	0	0	0	1,545
0	8	NETWORK CABLE LIFECYCLE REPLACEMENT	CW	S2	03	5,816	2,866	11	0	0	8,693	0	8,693	(0	0	0	8,693	0	0	0	0	0	8,693
0	9	TRUNK RADIO SYSTEM	CW	S2	04	0	200	100	0	0	300	0	300	(0	0	0	300	0	0	0	0	0	300
0	12	PCS LEGACY ALARM IMPROVEMENT	CW	S2	04	1,350	0	0	0	0	1,350	0	1,350	(0	0	0	1,350	0	0	0	0	0	1,350
0	23	RELIABILITY IMPROVEMENT PROGRAM	CW	S2	04	200	0	0	0	0	200	0	200	(0	0	0	200	0	0	0	0	0	200
0	41	BUSINESS & TECH IMPROVEMENT - PHASE 2	CW	S2	04	2,732	1,720	1,047	792	0	6,291	0	6,291	(0	0	0	6,291	0	0	0	0	0	6,291
0	42	WTP WS PLC PLATFORM UPGRADE ANI PCS IMPROVEMENTS	D CW	S2	04	3,727	240	760	0	0	4,727	0	4,727	(0	0	0	4,727	0	0	0	0	0	4,727
0	43	NETWORK EQUIPMENT REPLACEMENT -FUTURE YEAR	CW	S6	04	0	1,063	993	1,007	637	3,700	6,620	10,320	(0	0	0	10,320	0	0	0	0	0	10,320

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Report Phase 5 - Program 10 Water Program Program Phase 5

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

Ар	penai	x 3: Council Approved Cap	itai E	suag	jet; ∠	016 to 2	024 Cap	oitai Pia	an																
Wa	ter Pro	ogram																							
							Curr	ent and Fu	ture Year	Cash Flov	w Commitn	nents			Cur	rrent and F	uture Year	Cash Flo	w Comr	nitments	Finance	d By			
<u>Sub</u>		ect No. Project Name Proj No. Sub-project Name	Ward	l 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		Other2		Debt - Recovera t		Total Financing
	-	BUSINESS SYSTEM INFRASTRUCTURE												Cubsidies	,										
0		RELIABILITY IMPROVEMENT PROGRAM FUTURE YEARS	1- CW	/ S6	04	0	0	200	200	200	600	1,000	1,600	0	0	0	0	1,600		0 ()	0	0	0	1,600
0		NETWORK CABLE LIFE CYCLE REPLACEMENT - 2015 SC	CW	S3	03	-4,281	-1,032	2,039	1,500	0	-1,774	0	-1,774	0	0	0	0	-1,774		0 () /	0	0	0	-1,774
0		RELIABILITY IMPROVEMENT PROGRAM 2015 SC	1- CW	S3	04	685	885	0	0	0	1,570	0	1,570	0	0	0	0	1,570		0 0) /	0	0	0	1,570
0	65	SCADA UPGRADES FOR WWT - 2015 SC	c cw	S3	04	-125	1,644	3,358	4,918	6,715	16,510	7,560	24,070	o	0	0	0	24,070		0 0) /	0	0	0	24,070
0		PCS UPGRADES FOR WATER SUPPLY - 2015 SC	CW	S3	04	-1,657	1,044	-541	0	0	-1,154	0	-1,154	0	0	0	0	-1,154		0 0) (0	0	0	-1,154
0	67	SCADA UPGRADES FOR WWT - II	CW	S4	04	501	415	400	600	350	2,266	0	2,266	О	0	0	0	2,266		0 0) (0	0	0	2,266
0		NETWORK EQUIPMENT LIFE CYCLE REPLACEMENT-2015 SC	CW	S3	03	-1,165	38	0	0	0	-1,127	0	-1,127	0	0	0	0	-1,127		0 0) (0	0	0	-1,127
0		PCS LEGACY ALARM IMPROVEMENT -2015 SC	CW	S3	04	-600	600	0	0	0	0	0	0	0	0	0	0	0		0 0) (0	0	0	0
0		TRUNK RADIO SYSTEM - HYDRO PARTNERSHIP	CW	S4	03	1,600	0	0	0	0	1,600	0	1,600	О	0	0	0	1,600		0 0) (0	0	0	1,600
0	71	TRUNK RADIO SYSTEM- 2015 SC	CW	S3	04	0	0	0	250	750	1,000	530	1,530	О	0	0	0	1,530		0 0) (0	0	0	1,530
		Sub-total				10,328	9,683	8,367	9,267	8,652	46,297	15,710	62,007	0	0	0	0	62,007		0 0	0	0	0	0	62,007
WAT	906340	METERING & METER READING SYS																						+	
0	2	AUTOMATED METER READING SYSTEM	1 CW	S2	04	45,656	44,675	5,000	0	0	95,331	0	95,331	0	0	0	0	95,331		0 ()	0	0	0	95,331
0		AUTOMATED METER READING SYSTEM 2015 SC	1 - CW	S3	04	-18,736	-14,308	-2,485	0	0	-35,529	0	-35,529	0	0	0	0	-35,529		0 0)	0	0	0	-35,529
		Sub-total				26,920	30,367	2,515	0	0	59,802	0	59,802	0	0	0	0	59,802		0 0	0	0	0	0	59,802
WAT	906467	AVENUE ROAD TRUNKMAIN REPLACEM	MENT																					+	
0		AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWRENCE	CW	S2	03	1,310	2,000	0	0	0	3,310	0	3,310	0	0	1,668	0	1,023		0 (0 61	9	0	0	3,310
0		JOS-AVENUE RD WM ENG-HI LEVEL-LAWRENCE	CW	S2	03	39	0	0	0	0	39	0	39	0	0	20	0	12		0 () .	7	0	0	39
0		JOS-AVENUE RD WM ENG-HI LEVEL-LAWRENCE - 2015 SC	CW	S3	03	0	90	0	0	0	90	0	90	0	0	45	0	28		0 (0 1	7	0	0	90
0		JOS-AVENUE RD WM CONS-HI LEVEL-LAWRENCE - 2015 SC	CW	S3	03	-995	-1,000	0	0	0	-1,995	0	-1,995	0	0	-1,005	0	-617		0 (0 -37	3	0	0	-1,995
		Sub-total				354	1,090	0	0	0	1,444	0	1,444	0	0	728	0	446		0 0	0 27	70	0	0	1,444
WAT	906468	HORGAN TRUNK MAIN EXPANSION																							
0		JOS - HORGAN TO ELLESMERE WM - ENGINEERING	CW	S2	05	402	850	850	500	10	2,612	10	2,622	0	0	997	0	775		0 (0 850	0	0	0	2,622
0		HORGAN TO ELLESMERE - CONSTRUCTION	CW	S2	05	500	6,000	18,000	18,000	17,500	60,000	3,000	63,000	0	0	23,910	0	18,639		0 0	0 20,45	1	0	0	63,000
0		JOS - HORGAN TO ELLESMERE WM - ENG - 2015 SC	CW	S3	05	498	250	50	100	40	938	40	978	0	0	370	0	290		0 0	0 318	8	0	0	978

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

							Curre	ent and Fu	ture Year	Cash Flov	w Commitn	nents			Curi	ent and Fut	ure Year	Cash Flo	w Commi	tments l	Financed	Ву		
<u>Sub-</u> Priori		ct 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 E	Development Charges R	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - verable	Total Financing
		HORGAN TRUNK MAIN EXPANSION													-									
0		IOS - HORGAN TO ELLESMERE WM - CONS - 2015 SC	CW	S3	05	-500	-1,000	12,000	8,000	-15,500	3,000	-3,000	О	0	0	1	0	0	0	C) -1	0	0	0
0		DOWNSVIEW MAIN (KEELE PS TO DOWNSVIEW) Engineering	CW	S6	05	0	150	200	470	550	1,370	1,370	2,740	0	0	884	0	1,856	0	C	0	0	0	2,740
0		DOWNSVIEW MAIN-KEELE PS TO DOWNSVIEW CONS	CW	S6	05	0	0	0	0	2,000	2,000	21,000	23,000	0	0	7,419	0	15,581	0	C	0	0	0	23,000
		Sub-total				900	6,250	31,100	27,070	4,600	69,920	22,420	92,340	0	0	33,581	0	37,141	0	(21,618	0	0	92,340
WAT90	06470 <u>I</u>	SLAND W.T.P. R&R																						
0	8 (CHEMICAL & RESIDUALS MNGT - ENG	CW	S2	02	700	550	250	250	250	2,000	250	2,250	0	0	0	0	2,250	0	C	0	0	0	2,250
0		CHEMICAL & RESIDUALS MANAGMENT CONST	CW	S4	02	150	1,850	7,000	7,000	7,000	23,000	2,000	25,000	0	0	1,521	0	23,479	0	C	0	0	0	25,000
0		CHEMICAL & RESIDUALS MANAGMENT ENG - 2015 SC	CW	S3	02	-131	130	235	0	0	234	-190	44	0	0	0	0	44	0	C	0	0	0	44
		Sub-total				719	2,530	7,485	7,250	7,250	25,234	2,060	27,294	0	0	1,521	0	25,773	0	C	0	0	0	27,294
WAT90	06471 <u>F</u>	FJ HORGAN W.T.P. R&R																						
0		HVAC REHAB & SCRUBBER ENGINEERING	CW	S4	03	84	0	0	0	0	84	0	84	0	0	0	0	84	0	C	0	0	0	84
		Sub-total				84	0	0	0	0	84	0	84	0	0	0	0	84	0	C	0	0	0	84
WAT90	D6481 [DISTRICT WATERMAINS - NEW																						
0	1 [DIST W/MAINS NEW	CW	S2	05	350	500	0	0	0	850	0	850	0	0	0	0	850	0	C	0	0	0	850
0	3 1	0 YEAR NEW WATERMAINS	CW	S6	05	0	0	500	500	500	1,500	2,500	4,000	0	0	3,400	0	600	0	C	0	0	0	4,000
0	13 [DIST W/MAINS NEW - 2015 SC	CW	S3	05	-248	0	0	0	0	-248	0	-248	0	0	602	0	-850	0	(0	0	0	-248
		Sub-total				102	500	500	500	500	2,102	2,500	4,602	0	0	4,002	0	600	0	C	0	0	0	4,602
WAT90	06483 <u>F</u>	PW ENGINEERING																						
0		CAPITAL PRGMG & FACILITY ASSET PLANNING	CW	S2	03	992	0	0	0	0	992	0	992	0	0	0	0	992	0	C	0	0	0	992
0	5 V	VATERMAIN ASSET PLANNING	CW	S2	03	1,409	460	360	160	0	2,389	0	2,389	0	0	597	0	1,792	0	(0	0	0	2,389
0	7 E	EASEMENT ACQUISITION	CW	S2	04	175	0	0	0	0	175	0	175	0	0	0	0	175	0	C	0	0	0	175
0	22 V	WATER LOSS REDUCTION STRATEGY	CW	S2	03	588	700	1,000	1,000	1,000	4,288	0	4,288	0	0	0	0	4,288	0	C	0	0	0	4,288
0	37 <i>F</i>	ASSET MANAGEMENT IMPLEMENTATIO	N CW	S6	04	0	500	1,000	1,000	1,000	3,500	3,500	7,000	0	0	1,490	0	5,510	0	C	0	0	0	7,000
0		VATERMAIN ASSET PLANNING - 10 YR FORECAST	CW	S6	04	0	0	0	400	400	800	2,000	2,800	0	0	595	0	2,205	0	C	0	0	0	2,800
0		CAPITAL PROG & FACILITY ASSET PLANNING - 2015 SC	CW	S3	03	220	1,669	1,800	500	0	4,189	0	4,189	0	0	0	0	4,189	0	(0	0	0	4,189

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

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Water Program

Report Phase 5 - Program 10 Water Program Program Phase 5

					[Curre	ent and Fu	iture Year	Cash Flov	w Commitn	nents			Cur	rent and Fu	ıture Year C	Cash Flov	v Comm	itments I	inanced	Ву		
<u>Sub</u> Prio		ject No. Project Name Proj No. Sub-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	R Reserves	deserve Funds	Capital from Current	Other 1	Other2	Debt Debt		Total Financing
	-	PW ENGINEERING																						
0	50	WATERMAIN ASSET PLANNING - 2015 SC	CW	S3	03	-493	525	325	-25	0	332	0	332	0	0	83	0	249	0	C	0	0	0	332
0	51	EASEMENT ACQUISITION - 2015 SC	CW	S3	04	125	300	0	0	0	425	0	425	0	0	0	0	425	0	C	0	0	0	425
0	52	JOS UPDATE PHASE II	CW	S4	05	500	1,000	500	0	0	2,000	0	2,000	0	0	0	0	2,000	0	C	0	0	0	2,000
0	53	EASEMENT ACQUISITION - 10 YEAR	CW	S6	04	0	0	500	500	500	1,500	2,500	4,000	0	0	0	0	4,000	0	C	0	0	0	4,000
0	54	WATER LOSS REDUCTION STRATEGY-2015 SC	CW	S3	03	-126	-130	300	0	0	44	0	44	0	0	0	0	44	0	C	0	0	0	44
		Sub-total				3,390	5,024	5,785	3,535	2,900	20,634	8,000	28,634	0	0	2,765	0	25,869	0	C	0	0	0	28,634
WAT	906749	DOWNTOWN W/M ENHANCEMENT																						
0	1	JOS - GERRARD ST WM - ENGINEERING	CW	S2	03	378	15	7	0	0	400	0	400	0	0	79	0	16	0	C	305	0	0	400
0	4	JOS - GERRARD ST WM - CONSTRUCTION	CW		03	13,920	7,000	0	0	0	20,920	0	20,920	0			0	757	0		15,998	0	0	20,920
0	38	JOS - GERRARD ST WM - CONSTRUCTION -2015 SC	CW		03	-2,736	806	0	0	0	-1,930	0	-1,930	0			0	-69	0		-1,477	0	0	-1,930
0	39	JOS - GERRARD ST WM - ENGINEERING- 2015 SC	CW	S3	03	370	0	0	0	0	370	0	370	0			0	13	0			0	0	370
		Sub-total				11,932	7,821	7	0	0	19,760	0	19,760	0	0	3,934	0	717	0	C	15,109	0	0	19,760
WAT	906752	TRANSMISSION R&R			ſ																			
0	49	TRUNK WATERMAIN REHAB	CW	S2	03	250	0	0	0	0	250	0	250	0	0	0	0	250	0	C	0	0	0	250
0	50	10 YR TRUNK WATERMAIN REHAB	CW	S6	03	0	250	250	250	250	1,000	1,250	2,250	0	0	0	0	2,250	0	C	0	0	0	2,250
0	51	CAST IRON TRUNK REPLC - PHASE 2	CW	S2	03	5,088	2,510	264	0	0	7,862	0	7,862	0	0	0	0	7,862	0	C	0	0	0	7,862
0	52	CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	CW	S2	03	600	600	800	700	460	3,160	980	4,140	0	0	0	0	4,140	0	C	0	0	0	4,140
0	58	CAST IRON TRUNK REPLC - PHASE 3 - CONSTRUCTION	CW	S6	03	0	2,000	3,500	1,400	750	7,650	0	7,650	0	0	0	0	7,650	0	C	0	0	0	7,650
0	63	TRUNK WATERMAIN REHAB - 2015 SC	CW	S3	03	445	545	0	0	0	990	0	990	0	0	0	0	990	0	C	0	0	0	990
0	64	CAST IRON TRUNK REPLC - PHASE 2 - 2015 SC	CW	S3	03	4,154	2,539	2,156	113	30	8,992	0	8,992	0	0	0	0	8,992	0	C	0	0	0	8,992
0	65	CAST IRON TRUNK REPLC - PHASE 3 - ENG - 2015 SC	CW	S3	03	350	700	200	-575	-385	290	-980	-690	0	0	0	0	-690	0	C	0	0	0	-690
0	67	TRANSF & SW'GEAR REPLACMENT DESIGN -2015 SC	CW	S3	03	165	0	0	0	0	165	0	165	0			0	165	0	. C	0		0	165
		Sub-total				11,052	9,144	7,170	1,888	1,105	30,359	1,250	31,609	0	0	0	0	31,609	0	C	0	0	0	31,609
WAT		TRANSMISSION R&R																						
0	1	TRANS FACILITIES REHAB	CW	S2	03	150	0	0	0	0	150	0	150	0	0	0	0	150	0	C	0	0	0	150

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						Curre	ent and Fu	ture Year	Cash Flor	w Commitn	nents			Cui	rrent and Fu	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Sub- Prior		<u>ject No.</u> <u>Project Name</u> Proj No. Sub-project Name	Ward St	at. 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 - Recovera Debt	- 1	Total Financing
WATS	06900	TRANSMISSION R&R																					
0	6	ELLESMERE P.S. UPGRADE	CW S	32 05	25	525	0	0	0	550	0	550	o) C	127	0	75	C	0	348	0	0	550
0	7	RESERVOIR REHAB -FUTURE	CW S	6 03	0	0	360	3,660	7,900	11,920	32,600	44,520	o) C	0	0	44,520	C	0	0	0	0	44,520
0	26	SCARBOROUGH PS - PUMP REPLC	CW S	32 03	550	0	0	0	0	550	0	550	o) C	0	0	550	C	0	0	0	0	550
0	27	EGLINTON PS -PUMP REPLC	CW S	32 03	2,250	0	0	0	0	2,250	0	2,250	o) C	0	0	2,250	C	0	0	0	0	2,250
0	36	ST CLAIR RESERVOIR REHAB/WATER QUALITY PROTECTION	CW S	32 03	5,250	500	0	0	0	5,750	0	5,750	O) C	0	0	5,750	C	0	0	0	0	5,750
0	37	TRANS FACILITIES REHAB - 2015 SC	CW S	3 03	90	475	135	25	0	725	0	725	О) C	0	0	725	C	0	0	0	0	725
0	38	ELLESMERE P.S. UPGRADE - 2015 SC	CW S	3 05	-25	-500	525	0	0	0	0	0	O) C	0	0	0	C	0	0	0	0	0
0	39	SCARBOROUGH PS - PUMP REPLC - 2015 SC	CW S	3 03	-95	120	0	0	0	25	0	25	o) C	0	0	25	C	0	0	0	0	25
0	40	EGLINTON PS - PUMP REPLC - 2015 SC	CW S	3 03	-383	458	0	0	0	75	0	75	O) C	0	0	75	C	0	0	0	0	75
0	41	ST CLAIR RES REHAB/WATER QUALITY PROTECTION-2015SC	CW S	3 03	1,910	10,043	5,485	353	7	17,798	0	17,798	0) C	0	0	17,798	C	0	0	0	0	17,798
0	43	DOWNSVIEW PS - Construction	CW S	66 05	0	0	0	0	2,000	2,000	12,000	14,000	0) C	0	0	14,000	C	0	0	0	0	14,000
0	44	PUMPING STATION REHAB - Engineering			0	0	40	125	175	340	1,850	2,190	0	-		0	2,190	C	0		0	0	2,190
0	45	PUMPING STATION REHAB - Constructio	n CW S	66 03	0	0	0	750	300	1,050	14,200		0			0	-,	C			0	0	15,250
0	47	DOWNSVIEW PS - Engineering	CW S	66 05	0	0	30	130	350	510	1,410	1,920	0) C	0	0	1,920	C	0	0	0	0	1,920
0	48	ROSEHILL RESERVOIR	CW S	64 03	600	8,000	7,500	500	0	16,600	0	16,600	0) C	0	0	16,600	C	0	0	0	0	16,600
0	49	DOWNSVIEW PS & CONNECTOR	CW S		50	150	60	0	0	260	0		0			0	260	C		0	0	0	260
	50	PARKDALE PS REHABILITATION	CW S		500	1,500	1,000	0	0	3,000	0		0			0	3,000	C	•	0	0	0	3,000
0	51	ROSEHILL PS REHAB	CW S	34 03	50	975	100	0	0	1,125	0		0			0		C			0	0	1,125
		Sub-total			10,922	22,246	15,235	5,543	10,732	64,678	62,060	126,738	0	C	127	0	126,263	C	0	348	0	0	126,738
WAT9	06902	HARRIS W.T.P. R&R																					
0	2	BUILDING ENVELOPE REHAB	CW S	62 03	23	0	0	0	0	23	0	23	О) C	0	0	23	C	0	0	0	0	23
0	3	FACILITY & PROCESS UPGRADES	CW S	32 03	500	0	0	0	0	500	0	500	O) C	0	0	500	C	0	0	0	0	500
0	13	FILTER MEDIA REPLACEMENT PH2	CW S	32 03	80	150	0	0	0	230	0	230	O) (0	0	230	C	0	0	0	0	230
0	21	HVAC REHAB - CONSTRUCTION	CW S	32 03	1,676	1,000	250	0	0	2,926	0	2,926	0) C	0	0	2,926	C	0	0	0	0	2,926

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

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		ogram																							
								Curre	ent and F	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Su	b- Pro	ject No.	Project Name									Total	Total	Total	Provincial Grants and	Federal	Development Charges		Reserve	Capital from			Reco	ebt - overable	Total
Pri	oritySub	bProj No.	Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	Reserves	Funds	Current	Other 1	Other2	Debt		Financing
WA	Г906902	HARRIS !	N.T.P. R&R																						
0	29	HARRIS	FILTERS REHABILITATION	CW	S4	03	100	3,600	775	25	0	4,500	0	4,500	o	C	0	0	4,500	0	0	0	0	0	4,500
0	56	REHAB C	OF SETTLING BASIN ROOF & GATES	CW	S2	03	11,016	4,520	0	0	0	15,536	0	15,536	o	(0	0	15,536	0	0	0	0	0	15,536
0	70	FILTER M	IEDIA REPLACEMENT PH2	CW	S6	03	0	0	0	150	0	150	300	450	o	(0	0	450	0	0	0	0	0	450
0	71	FACILITY	& PROCESS UPGRADES	CW	S6	03	0	0	0	500	500	1,000	2,500	3,500	o	(0	0	3,500	0	0	0	0	0	3,500
0	74	FILTER M	IEDIA UPGRADE - 2015 SC	CW	S3	03	-80	-150	0	0	0	-230	0	-230	o	(0	0	-230	0	0	0	0	0	-230
0	75	HVAC RE	HAB CONSTRUCTION - 2015 SC	c cw	S3	03	-1,396	220	750	580	0	154	0	154	o	C	0	0	154	0	0	0	0	0	154
0	76	HARRIS I 2015 SC	DISINFECTION MODIFICATIONS	- CW	S3	04	0	250	1,500	3,500	3,500	8,750	0	8,750	o	(532	0	8,218	0	0	0	0	0	8,750
0	77		OF SETTLING BASIN LUICE GATES -2015 SC	CW	S3	03	-5,541	6,089	8,110	2,103	7	10,768	0	10,768	o	(0	0	10,768	0	0	0	0	0	10,768
0	78	ENERGY	OPTIMIZATION	CW	S6	04	0	0	200	1,000	1,000	2,200	0	2,200	o	(0	0	2,200	0	0	0	0	0	2,200
0	79	EXTERIO UPGRAD	R SECURITY LIGHTING ES	CW	S4	03	200	950	50	0	0	1,200	0	1,200	o	(0	0	1,200	0	0	0	0	0	1,200
0	80	FACILITY	INFRASTRUCTURE REHAB	CW	S6	03	0	0	1,000	1,000	0	2,000	0	2,000	O	(0	0	2,000	0	0	0	0	0	2,000
0	81	LIQUID C	HEMICAL SYSTEM EMENTS	CW	S4	04	100	320	200	0	0	620	0	620	O	(0	0	620	0	0	0	0	0	620
0	82	PD2 OPT	IMIZATION	CW	S4	03	500	90	0	0	0	590	0	590	O	(0	0	590	0	0	0	0	0	590
0	83	FACILITY SC	& PROCESS UPGRADES-2015	CW	S3	03	-50	500	500	0	0	950	0	950	O	(0	0	950	0	0	0	0	0	950
0	84	OFFSHO	RE CHLORINATION REHAB	CW	S6	03	0	200	1,000	3,000	3,000	7,200	3,000	10,200	O	C	0	0	10,200	0	0	0	0	0	10,200
0	85	HARRIS	FILTERS REHABILITATION	CW	S6	03	0	0	450	11,000	11,000	22,450	23,050	45,500	O	C	0	0	45,500	0	0	0	0	0	45,500
0	86	BUILDING	G ENVELOPE REHAB- 2015 SC	CW	S3	03	-10	13	0	0	0	3	0	3	O	(0	0	3	0) 0	0	0	0	3
0	87		HEMICAL SYSTEM FION- 2015 SC	CW	S3	04	8	20	0	0	0	28	0	28	0	(0	0	28	0) 0	0	0	0	28
0	88	TRAVELL	ING SCREEN REPLACEMENT	CW	S2	03	61	0	0	0	0	61	0	61	0	(0	0	61	0	0	0	0	0	61
			Sub-total				7,187	17,772	14,785	22,858	19,007	81,609	28,850	110,459	0	(532	0	109,927	0	0	0	0	0	110,459
WA	Г906903	FJ HORG	AN W.T.P. R&R																						
0	5	FACILITY	& PROCESS UPGRADES	CW	S2	03	1,579	350	0	0	0	1,929	0	1,929	0	(0	0	1,929	0	0	0	0	0	1,929
0	8	RAW WA	TER PUMP UPGRADES	CW	S2	03	540	0	0	0	0	540	0	540	o	(0	0	540	0	0	0	0	0	540
0	15	REPLACE	EMENT OF MCCS	CW	S2	03	1,570	3,350	1,600	200	0	6,720	0	6,720	O	C	0	0	6,720	0	0	0	0	0	6,720
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				ĺ		Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year (Cash Flo	w Comm	itments	Financed	Ву			
Sub Prio		j <u>ect No.</u> <u>Project Name</u> Proj No. Sub-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		bt - verable	Total Financing
		FJ HORGAN W.T.P. R&R		- Class										Subsidies									\neg	<u>s</u>
0	16	ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT	CW	S2	03	550	2,500	1,950	0	0	5,000	0	5,000	0	0	0	0	5,000	0) (0 0	0	0	5,000
0	28	FACILITY & PROCESS UPGRADES	CW	S6	03	0	250	250	200	200	900	1,000	1,900	0	0	0	0	1,900	0) (0 0	0	0	1,900
0	31	BUILDING FIRE, HVAC, LIGHTING UPGRADES	CW	S6	04	0	575	655	1,375	1,825	4,430	0	4,430	0	0	0	0	4,430	0) (0 0	0	0	4,430
0	32	ELEC GROUNDING SYSTEM & BULK CHEM UNLOADING IMPRO	CW	S4	04	150	700	0	0	0	850	0	850	0	0	0	0	850	0) (0 0	0	0	850
0	33	OFFICE RENOVATION	CW	S6	03	0	0	0	0	100	100	1,725	1,825	0	0	0	0	1,825	0) (0 0	0	0	1,825
0	34	TREATED WATER PUMP UPGRADES	CW	S4	04	500	1,850	550	0	0	2,900	0	2,900	0	0	0	0	2,900	0) (0 0	0	0	2,900
0	35	FACILITY & PROCESS UPGRADES-2015 SC	CW	S3	03	-906	810	300	0	0	204	0	204	0	0	0	0	204	0) (0 0	0	0	204
0	36	REPLACEMENT OF MCCS-2015 SC	CW	S3	03	-1,120	-1,060	633	900	320	-327	149	-178	0	0	0	0	-178	0) (0 0	0	0	-178
0	37	RAW WATER PUMP UGRADES-2015 SC	CW	S3	03	49	0	0	0	0	49	0	49	0	0	0	0	49	0) (0 0	0	0	49
0	38	OFFSHORE CHLORINATION RELOCATION-2015 SC	CW	S3	03	-500	-2,000	550	1,950	0	0	0	o	0	0	0	0	0	0) (0 0	0	0	0
0	39	ACCESS ROAD REPAVING	CW	S4	03	1,000	0	0	0	0	1,000	0	1,000	0	0	0	0	1,000	0) (0 0	0	0	1,000
		Sub-total				3,412	7,325	6,488	4,625	2,445	24,295	2,874	27,169	0	0	0	0	27,169	0) (0 0	0	0	27,169
WAT	906906	TRUNK WATERMAIN EXPANSION																						
0	25	JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG	CW	S2	05	1,000	550	400	0	0	1,950	0	1,950	0	0	934	0	573	0) () 443	0	0	1,950
0	65	JOS - WM Scar PS to St Clair&Midland ENG - 2015 SC	G CW	S3	05	-600	50	300	400	50	200	50	250	0	0	120	0	74	0) (56	0	0	250
0	66	JOS - WM Scar PS to St. Clair&Midland (CONST)	CW	S6	05	0	5,000	7,000	7,000	6,000	25,000	0	25,000	0	0	10,179	0	9,142	0) (5,679	0	0	25,000
		Sub-total				400	5,600	7,700	7,400	6,050	27,150	50	27,200	0	0	11,233	0	9,789	0) (6,178	0	0	27,200
WAT	906914	SWITCH GEAR TRANSFORMER																						
0	13	INDOOR/OUTDOOR SWITCHGEAR (5 Stations Phase 3)	CW	S2	03	6,825	6,235	0	0	0	13,060	0	13,060	0	0	0	0	13,060	0) (0 0	0	0	13,060
0	27	INDOOR/OUTDOOR SWITCHGEAR (PHASE 3) - 2015 SC	CW	S3	03	-1,825	-835	3,703	0	0	1,043	0	1,043	0	0	0	0	1,043	0) (0 0	0	0	1,043
		Sub-total				5,000	5,400	3,703	0	0	14,103	0	14,103	0	0	0	0	14,103	0) () 0	0	0	14,103
WAT	906918	WATER SUSTAINABILITY PROGRAM																						
0	1	WATER SUSTAINABILITY PROGRAM	CW	S2	04	2,600	4,350	4,000	0	0	10,950	0	10,950	0	0	665	0	10,285	0) (0 0	0	0	10,950
0	9	WATER SUSTAINABILITY STANDBY POWER ELLESMERE-SC	CW	S3	04	-1,380	8,957	3,205	20	2	10,804	0	10,804	0	0	657	0	10,147	0) (0 0	0	0	10,804
0	11	SYSTEM SUSTAINABILITY/STANDBY POWER - FUTURE	CW	S6	05	0	0	1,700	17,200	5,750	24,650	31,350	56,000	0	0	0	0	56,000	0) (0 0	0	0	56,000

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

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							Curre	ent and Fu	iture Year	Cash Flov	w Commitn	nents			Cui	rent and Fu	ıture Year	Cash Flo	w Comm	itments F	inanced	d By			
Sub Prio		v <u>ject No. Project Name</u> oProj No. Sub-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 - Recovera	able	Total Financing
WAT	906918	WATER SUSTAINABILITY PROGRAM																							
0	12	STANDBY POWER - ROSEHILL	CW	S4	04	150	4,850	4,800	0	0	9,800	0	9,800	C	0	0	0	9,800	0	0	C)	0	0	9,800
		Sub-total				1,370	18,157	13,705	17,220	5,752	56,204	31,350	87,554	0	0	1,322	0	86,232	0) 0	(0	0	0	87,554
WAT	906919	RL CLARK W.T.P. R&R																						寸	
0	1	FACILITY & PROCESS UPGRADES	CW	S2	03	170	0	0	0	0	170	0	170	С	0	0	0	170	0) 0	C)	0	0	170
0	8	PROCESS EQUIPMENT UPGRADE ENGINEERING	CW	S2	03	1,419	665	584	25	25	2,718	0	2,718	c	0	167	0	2,551	0	0	C)	0	0	2,718
0	11	PROCESS EQUIPMENT UPGRADE CONSTRUCTION - FUTURE	CW	S6	03	0	0	0	300	5,200	5,500	50,000	55,500	C	0	0	0	55,500	0) 0	C)	0	0	55,500
0	12	FACILITY & PROCESS UPGRADES - FUTURE	CW	S6	03	0	0	0	150	150	300	750	1,050	c	0	0	0	1,050	0) 0	C)	0	0	1,050
0	15	PROCESS EQUIPMENT UPGRADE CONSTRUCTION	CW	S2	03	14,893	12,900	12,000	10,000	0	49,793	0	49,793	C	0	3,029	0	46,764	0) 0	C)	0	0	49,793
0	44	EVALUATION & COMMUNICATION SYSTEMS	CW	S2	03	1,314	117	20	7	0	1,458	0	1,458	С	0	0	0	1,458	0) 0	C)	0	0	1,458
0	53	FACILITY & PROCESS UPGRADES - 201 SC	15 CW	S3	03	10	215	150	0	0	375	0	375	C	0	0	0	375	0	0	C)	0	0	375
0	54	PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015 SC	CW	S3	03	-744	610	453	1,200	0	1,519	0	1,519	C	0	91	0	1,428	0) 0	C)	0	0	1,519
0	55	PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC	CW	S3	03	-4,893	-5,100	9,000	2,215	0	1,222	0	1,222	C	0	74	0	1,148	0) 0	C)	0	0	1,222
0	56	EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC	CW	S3	03	225	483	5	-2	0	711	0	711	C	0	0	0	711	0) 0	C)	0	0	711
0	57	ELECTRICAL AND HVAC UPGRADES CONSTRUCTION	CW	S4	03	250	0	0	0	0	250	0	250	С			0	250	0				0	0	250
		Sub-total				12,644	9,890	22,212	13,895	5,375	64,016	50,750	114,766	0	0	3,361	0	111,405	0	0	(0	0	0	114,766
WAT	906930	DIST W/M REPLACEMENT																							
0	4	10Yr Watermain Replacement	CW	S6	03	0	41,715	59,631	84,000	91,000	276,346	522,000	798,346	c	0	105,549	0	692,797	0	0	C)	0	0	798,346
0	15	W/M REPLACEMENT - STAND ALONE	CW	S2	03	3,208	0	0	0	0	3,208	0	3,208	C	0	0	0	3,208	0) 0	C)	0	0	3,208
0	29	DIST W/M REPLACEMENT - 2012	CW	S2	03	3,125	0	0	0	0	3,125	0	3,125	С	0	0	0	3,125	0) 0	C)	0	0	3,125
0	39	DIST W/M REPLACEMENT 2013	CW	S2	03	4,450	0	0	0	0	4,450	0	4,450	С	0	0	0	4,450	0) 0	C)	0	0	4,450
0	42	10 YEAR WATERMAIN UPGRADES	CW	S6	05	0	10,200	13,200	13,100	15,100	51,600	84,700	136,300	С	0	36,041	0	100,259	0) 0	C)	0	0	136,300
0	51	DIST W/M REPLACEMENT - 2014	CW	S2	03	18,469	1,200	0	0	0	19,669	0	19,669	C	0	0	0	19,669	0) 0	C)	0	0	19,669
0	52	WATERMAIN UPGRADES - 2014	CW	S2	05	5,490	1,000	0	0	0	6,490	0	6,490	С	0	0	0	6,490	0) 0	C)	0	0	6,490
0	55	WATERMAIN REPLACEMENT - METROLINX	CW	S2	03	625	600	1,000	875	0	3,100	0	3,100	C	0	0	0	3,100	0) 0	C)	0	0	3,100

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

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	- Ogram																						
						Curre	ent and Fu	uture Year	Cash Flor	w Commitn	nents			Cur	rent and Fu	uture Year	Cash Flov	w Commi	tments F	inanced E	Ву		
	<u>oject No. Project Name</u> bProj No. Sub-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	Recov	ebt - verable	Total Financing
WAT906930	DIST W/M REPLACEMENT																						
0 57	2010 WM REPLC - 2015 SC	CW	S3	03	6	0	0	0	0	6	0	6	0	0	0	0	6	0	0	0	0	0	6
0 58	WM REPLC - STANDALONE - 2015 SC	CW	S3	03	-1,691	1,177	0	0	0	-514	0	-514	0	0	0	0	-514	0	0	0	0	0	-514
0 59	2013 WM REPLC - UPGRADES	CW	S2	05	14	0	0	0	0	14	0	14	0	0	4	0	10	0	0	0	0	0	14
0 60	DIST W/M REPLACEMENT - 2014 - 2015 SC	CW	S3	03	-4,999	5,564	0	0	0	565	0	565	0	0	0	0	565	0	0	0	0	0	565
0 61	WATERMAIN UPGRADES - 2014 - 2015 So	C CW	S3	05	-404	1,087	0	0	0	683	0	683	0	0	0	0	683	0	0	0	0	0	683
0 62	WATERMAIN REPLACEMENT - METROLINX - 2015 SC	CW	S3	03	-575	-550	0	125	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 63	DIST W/M REPLACEMENT - 2015	CW	S4	03	33,994	20,841	11,424	0	0	66,259	0	66,259	0	0	10,303	0	55,956	0	0	0	0	0	66,259
0 64	WATERMAIN UPGRADES - 2015	CW		04	6,609	3,292	1,204	0	0	11,105	0	11,105	0	0	,	0	,	0	0	ŭ	0	0	11,105
0 65	DIST W/M REPLC - 2012-2015 SC	CW		03	-1,575	0	0	0	0	-1,575	0	-1,575	0	0	·	0	-1,575	0	0		0	0	-1,575
0 66	2013 WM REPLC - SOGR-2015 SC	CW	S3	03	-4,423	500	0	0	0	-3,923	0	-3,923	0			0		0	0		0	0	-3,923
	Sub-total				62,323	86,626	86,459	98,100	107,100	440,608	606,700	1,047,308	0	0	155,352	0	891,956	0	0	0	0	0	1,047,308
WAT906932	DIST W/M REHABILITATION																						
0 3	10 Year Watermain Rehabilitation	CW	S6	03	0	0	0	45,250	59,000	104,250	344,750	449,000	0	0	0	0	449,000	0	0	0	0	0	449,000
0 4	Hydrant & Valve Repair	CW	S2	03	1,197	1,000	1,000	0	0	3,197	0	3,197	0	0	0	0	3,197	0	0	0	0	0	3,197
0 6	WATERMAIN STRUCTURAL LINING	CW	S2	03	24,173	35,000	30,500	0	0	89,673	0	89,673	0	0	0	0	89,673	0	0	0	0	0	89,673
0 7	CATHODIC PROTECTION		S2		4,200	3,500	3,500	0	0	11,200	0	11,200	0			0	11,200	0	0		0	0	11,200
0 30	CUT REPAIRS	CW		03	4,371	0	0	0	0	4,371	0	4,371	0			0		0	0		0	0	4,371
0 34	CUT REPAIRS- FUTURE YEAR	CW		03	0	0	2,933	3,021	3,112	9,066	17,019	26,085	0	0		0	,	0	0		0	0	26,085
0 42	CUT-REPAIR - 2015 SC	CW		03	-1,606	2,765	0	0	0	1,159	0	1,159	0	0		0	1,159	0	0		0	0	1,159
0 43	CATHODIC PROTECTION - 2015 SC	CW		03	-103	892	950	450	0	2,189	0	2,189	0	0		0	2,189	0	0		0	0	2,189
0 44	HYDRANT & VALVE REPAIR-2015 SC		S3		553 18,003	10.415	0	0 717	5 400	553	0	553	0	0		0	553	0	0		0	0	553
U 45	WATERMAIN STRUCTURAL LINING-2015 SC Sub-total	CVV	S3	US	18,003 50,788	19,415	70,041	69,438	5,400 67,512	94,693 320,351	361,769	94,693	0	0		0	94,693	0	0		0		94,693
WAT906934	4 DIST WATER SERVICE REPAIR				33,700	02,012	. 0,0-1	33,400	3.,012	320,001	221,100	552,120					302,120						332,120

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	Ву	ed B	Finan	itments	w Comm	Cash Flo	ture Year	nt and Fu	Curre			nents	w Commitr	Cash Flo	uture Year	ent and Fu	Curre										
	Debt - Recoverab Debt	r2 [Othe	Other 1	Capital from Current	Reserve Funds	Reserves	velopment Charges	Federal De Subsidy	Provincial Grants and Subsidies	Total 2015-2024	Total 2020-2024	Total 2015-2019	2019	2018	2017	2016	2015	t. Cat.	Stat	Ward	No. Sub-project Name					
																						WATER SERVICE REPAIR	6934 DIST W	WAT90			
0 102,85	0	0	0	(0	102,857	0	0	0	0	102,857	72,892	29,965	13,630	13,335	2,000	1,000	0	02	S6	CW	R ALL DIST WSR - LEAD	10 YR A	0			
0 100,22	0	0	0	(0	100,224	0	0	0	0	100,224	64,689	35,535	12,690	12,510	9,335	1,000	0	02	S6	CW	All Dist WSR - SOGR	10Yr Al	0			
0 25,67	0	0	0	(0	25,674	0	0	0	О	25,674	0	25,674	0	0	9,250	9,250	7,174	02	S2	CW	DISTRICT WSR - LEAD LACEMENT		0			
0 21	0	0	0	(0	219	0	0	0	0	219	0	219	0	0	0	0	219	02	S4	CW	WSR	9 2010 W	0			
0 2,18	0	0	0	(0	2,186	0	0	0	0	2,186	0	2,186	0	0	0	0	2,186	03	S2	CW	CUT REPAIRS	2 WSR C	0			
0 5	0	0	0	(0	50	0	0	0	0	50	0	50	0	0	0	0	50	02	S2	CW	WATER SERVICE REPLACEMENT	9 2012 W	0			
0 2,63	0	0	0	(0	2,631	0	0	0	0	2,631	0	2,631	0	0	0	0	2,631	02	S2	CW	WATER SERVICE REPLACMENT GR	1 2013 W -SOGR	0			
0 17,30	0	0	0	(0	17,304	0	0	0	0	17,304	10,815	6,489	2,163	2,163	2,163	0	0	03	S6	CW	CUT REPAIRS - FUTURE	5 WSR C	0			
0 4,7	0	0	0	(0	4,711	0	0	0	0	4,711	0	4,711	0	0	0	0	4,711	02	S2	CW	WATER SERVICE REPLACEMENT - R	2014 W SOGR	0			
0 2,01	0	0	0	(0	2,014	0	0	0	0	2,014	0	2,014	0	0	0	2,100	-86	03	S3	CW	CUT REPAIR - 2015 SC	8 WSR C	0			
0 18,00	0	0	0	(0	18,000	0	0	0	0	18,000	0	18,000	0	0	4,500	9,000	4,500	03	S4	CW	WATER SERVICE REPLACEMENT - R	9 2015 W SOGR	0			
0 5,00	0	0	0	(0	5,004	0	0	0	0	5,004	0	5,004	0	0	0	0	5,004	02	S3	CW	ER SERVICE REPAIR - LEAD GRAM-2015 SC		0			
0 -5	0	0	0	(0	-50	0	0	0	0	-50	0	-50	0	0	0	0	-50	02	S3	CW	WATER SERVICE REPLC - R-2015 SC		0			
0 -1,29	0	0	0	(0	-1,297	0	0	0	0	-1,297	0	-1,297	0	0	0	1,253	-2,550	02	S3	CW	WSR-2015 SC	2013 W	0			
0 2,64	0	0	0	(0	2,640	0	0	0	0	2,640	0	2,640	0	0	0	3,566	-926	02	S3	CW	WATER SERVICE REPLACEMENT - R-2015 SC		0			
0 7	0	0	0	(0	71	0	0	0	0	71	0	71	0	0	0	0	71	02	S3	CW	R - STANDALONE- 2015 SC	34 WSR -	0			
0 282,23	0	0)	(0	282,238	0	0	0	0	282,238	148,396	133,842	28,483	28,008	27,248	27,169	22,934				Sub-total					
																						SERVICE CONNECTIONS	6935 NEW S	WAT90			
0 3,50	0	0	0	(0	3,500	0	0	0	0	3,500	0	3,500	0	0	0	0	3,500	05	S2	CW	SERVICE CONNECTIONS - CUT AIRS	NEW S REPAIR	0			
0 14,00	0	0	0	(0	14,000	0	0	0	0	14,000	0	14,000	0	0	0	0	14,000	05	S2	CW	SERVICE CONNECTIONS - SITE VICING	NEW S	0			
0 119,00	0	0	0	(0	119,000	0	0	0	0	119,000	85,000	34,000	17,000	17,000	0	0	0	05	S6	CW	EAR WATER SERVICES NECTIONS		0			
0 44,03	0	0	0	(0	44,037	0	0	0	0	44,037	28,730	15,307	5,254	5,101	4,952	0	0	05	S6	CW	SERVICE CONNECTIONS - CUT AIRS - FUTURE		0			
0 46,10	0	0	0	(0	46,102	0	0	0	0	46,102	0	46,102	0	2,500	13,500	22,100	8,002	05	S3	CW	SERVICE CONNECTIONS - SITE VICING - 2015 SC		0			
	0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0			0 0 0 0 0 0 0 0	-50 -1,297 2,640 71 282,238 3,500 14,000 119,000 44,037	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	-50 -1,297 2,640 71 282,238 3,500 14,000 119,000 44,037	0 0 0 148,396 0 0	-50 -1,297 2,640 71 133,842 3,500 14,000 34,000 15,307	0 0 0 28,483 0 0	0 0 0 28,008 0 0 17,000 5,101	0 0 0 0 27,248 0 0 0	0 1,253 3,566 0 27,169	-50 -2,550 -926 71 22,934 3,500 14,000 0	02 02 02 02 02 05 05 05	\$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$3 \$	cw cw cw cw cw	GRAM-2015 SC WATER SERVICE REPLC - R-2015 SC WSR-2015 SC WATER SERVICE REPLACEMENT - R-2015 SC - STANDALONE- 2015 SC Sub-total SERVICE CONNECTIONS - CUT AIRS SERVICE CONNECTIONS - SITE VICING EAR WATER SERVICES NECTIONS SERVICE CONNECTIONS - CUT AIRS - FUTURE SERVICE CONNECTIONS - CUT AIRS - FUTURE	PROGF 2012 W SOGR- 22 2013 W SOGR- 33 2014 W SOGR- 44 WSR - 54 NEW S REPAIR 7 NEW S SERVIC 4 10 YEA CONNE 5 NEW S REPAIR 8 NEW S	0 0 0 0 0 0 0			

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

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							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cui	rrent and F	Future Year	Cash	Flow Com	mitments	Financed	Bv		
Sul		ject No. Project Name									Total	Total	Total	Provincial Grants and			^t Reserves		Canita	l		Re	Debt - coverable	I I Otal
		Proj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	Reserves	Func	ls Curren	t Other 1	Other2	Debt		Financing
	90693 <u>5</u> 19	NEW SERVICE CONNECTIONS NEW SERVICE CONNECTIONS - CUT REPAIRS - 2015 SC	CW	S3	05	580	4,080	0	0	0	4,660	0	4,660	C) C) (0 0	4,0	660	0	0 0	() 0	4,660
		Sub-total				26,082	26,180	18,452	24,601	22,254	117,569	113,730	231,299	0	, C) 0) 0	231,	299	0 () (0 0	231,299
WAT	906951	ENGINEERING																						
	2	CONSULTING FEES	CW	S2	03	2,975	4,687	5,912	5,445	4,160	23,179	5,016	28,195	C) () (0 0	28,	195	0	0 0	(0	28,195
0	5	10 YEAR ENGINEERING	CW	S6	03	0	25,730	32,639	38,423	45,429	142,221	246,361	388,582	С) C) (0	388,	582	0	0 0	(0	388,582
0	45	ECS SALARIES	CW	S3	03	12,199	0	0	0	0	12,199	0	12,199	C) () (0 0	12,	199	0	0 0	(0	12,199
0	51	ROAD RESTORATION - 2015 SC	CW	S3	03	5,962	5,830	0	0	0	11,792	0	11,792	С) () (0	11,	792	0	0 0	(0	11,792
0	52	CONSULTING FEES - 2015 SC	CW	S3	03	6,570	6,702	997	-2,447	-2,909	8,913	-1,949	6,964	C) () (0	6,9	964	0	0	(0	6,964
0	53	LEGAL SERVICES SALARIES - 2015 SC	CW	S3	03	197	0	0	0	0	197	0	197	С) () (0 0		197	0	0 0	(0	197
0	56	PPFA SALARIES	CW	S4	03	2,292	0	0	0	0	2,292	0	2,292	C) () (0	2,	292	0	0	(0	2,292
0	57	PPFA SALARIES	CW	S6	03	0	2,292	2,292	2,292	2,292	9,168	11,460	20,628	C) () (0 0	20,0	628	0	0 0	(0	20,628
		Sub-total				30,195	45,241	41,840	43,713	48,972	209,961	260,888	470,849	0	C) 0	0	470,	349	0 () (0 0	470,849
WA	906977	ISLAND W.T.P. R&R																						
0	1	FACILITY & PROCESS UPGRADES	CW	S2	03	1,278	226	0	0	0	1,504	0	1,504	С) () (0 0	1,	504	0	0 0	(0	1,504
0	12	FACILITY UPGRADE - FORMER MARINE YARD	CW	S2	03	1,840	1,100	0	0	0	2,940	0	2,940	c) () (0 0	2,9	940	0	0 0	(0	2,940
0	25	ISLAND FILTER AIR SCOUR SYSTEM	CW	S2	04	559	0	0	0	0	559	0	559	c) (34	4 0		525	0	0 0	(0	559
0	32	TRAVELLING SCREEN REPLACEMENT	CW	S4	03	655	2,120	380	10	0	3,165	0	3,165	С) C) (0 0	3,	165	0	0 0	(0	3,165
0	33	ISLAND SEAWALL REHABILITATION	CW	S2	03	109	0	0	0	0	109	0	109	c) () (0		109	0	0 0	(0	109
0	44	ISLAND ENWAVE/RETROFIT PROJECT	CW	S2	04	260	350	0	0	0	610	0	610	С) C) (0 0	(610	0	0 0	(0	610
0	50	AMMONIA AND FLOURIDE SYSTEM UPGRADES	CW	S2	03	955	1,285	0	0	0	2,240	0	2,240	C) () (0 0	2,	240	0	0 0	(0	2,240
0	51	CHEMICAL SYSTEMS' ELECTRICAL FE DISTRIBUTION	ED CW	S2	03	500	0	0	0	0	500	0	500	С) () (0 0		500	0	0 0	(0	500
0	53	FACILITY & PROCESS UPGRADES - FUTURE	CW	S6	03	0	0	0	375	375	750	1,875	2,625	C) () (0 0	2,0	625	0	0 0	(0	2,625
0	54	FILTER MEDIA REPLC - FUTURE	CW	S6	03	0	150	0	150	0	300	450	750	C) () (0	-	750	0	0 0	(0	750
0	62	FACILITY & PROCESS UPGRADES - 20'SC	15 CW	S3	03	-150	531	375	0	0	756	0	756	C) () (0	•	756	0	0 0	(0	756

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Water Program

							Curr	ent and F	uture Year	Cash Flo	w Commitn	nents			Cu	rent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Sub- Priorit		Project Name Sub-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		bt - ⁄erable	Total Financing
WAT90	06977 ISLAND	W.T.P. R&R																						
0 (63 ISLAND 2015 SC	FILTER AIR SCOUR SYSTEM -	CW	S3	04	-400	0	0	0	0	-400	0	-400	C) (-24	0	-376	0	0	0	0	0	-400
0 (Y UPGRADE - FORMER MARINE 2015 SC	CW	S3	03	-640	337	0	0	0	-303	0	-303	C) (0	0	-303	0	0	0	0	0	-303
0 (65 ISLAND 2015 SC	ENWAVE/RETROFIT PROJECT -	CW	S3	04	-210	-323	0	0	0	-533	0	-533	C) (0	0	-533	0	0	0	0	0	-533
0 (IIA AND FLOURIDE SYSTEM DES - 2015 SC	CW	S3	03	-705	-405	1,320	40	0	250	0	250	C) (0	0	250	0	0	0	0	0	250
0 (CAL SYSTEMS ELEC FEED BUTION - 2015 SC	CW	S3	03	-400	365	0	0	0	-35	0	-35	C) (0	0	-35	0	0	0	0	0	-35
0 (69 Generat	ors` DR3 Program	CW	S4	04	75	750	425	0	0	1,250	0	1,250	C) (0	0	1,250	0	0	0	0	0	1,250
0	70 PLANT\	WIDE HVAC UPGRADES	CW	S4	04	15	90	490	45	0	640	0	640	C) (0	0	640	0	0	0	0	0	640
0	71 ISLAND	SEAWALL REHAB- 2015 SC	CW	S3	03	14	0	0	0	0	14	0	14	C) (0	0	14	0	0	0	0	0	14
		Sub-total				3,755	6,576	2,990	620	375	14,316	2,325	16,641	0) (10	0	16,631	0	0	0	0	0	16,641
WAT90	06979 D2/D4 T	RUNK WATERMAIN UPGRADES																						
0		ICTORIA PARK WM RUCTION	CW	S6	05	0	0	0	0	0	0	52,000	52,000	C) (21,258	0	21,719	0	0	9,023	0	0	52,000
0 :	26 JOS VIC	CTORIA PARK WM - ENGINEERING	G CW	S6	05	0	0	0	300	600	900	1,725	2,625	C) (1,073	0	1,097	0	0	455	0	0	2,625
		Sub-total				0	0	0	300	600	900	53,725	54,625	0) (22,331	0	22,816	0	0	9,478	0	0	54,625
WAT90	7135 BAYVIE	W TRUNK WATERMAIN - PH2																						
0 :	5 HPEC V	V-M - BAYVIEW TO KEELE	CW	S6	05	0	0	0	400	100	500	8,400	8,900	C) (4,707	0	4,193	0	0	0	0	0	8,900
		Sub-total				0	0	0	400	100	500	8,400	8,900	0) (4,707	0	4,193	0	0	0	0	0	8,900
WAT90	07353 LAWRE	NCE ALLAN REVITALIZATION PLA	<u>AN</u>																					
0		NCE ALLAN REVITALIZATION NFRASTURCTURE	CW	S2	05	3,740	3,354	12,641	2,127	3,531	25,393	0	25,393	C) (4,940	0	20,453	0	0	0	0	0	25,393
0 :		NCE ALLAN REVITALIZATION XTERNAL SEWER	CW	S2	05	2,864	0	5,437	0	0	8,301	0	8,301	C) (8,301	0	0	0	0	0	0	0	8,301
0 :		NCE ALLAN REVITALIZATION NTER - 2015 SC	CW	S3	05	-72	0	0	0	0	-72	0	-72	C) (20,381	0	-20,453	0	0	0	0	0	-72
0 (NCE ALLAN REVITALIZATION XTERNAL-2015SC	CW	S3	05	-61	0	0	0	0	-61	0	-61	() (-61	0	0	0	0	0	0	0	-61
		Sub-total				6,471	3,354	18,078	2,127	3,531	33,561	0	33,561	0) (33,561	0	0	0	0	0	0	0	33,561
WAT90	7558 REGEN	T PARK CAPITAL CONTRIBUTION	<u>l</u>																					
0	1 REGEN	T PARK CAPITAL CONTRIBUTION	l 28	S2	05	907	330	132	745	287	2,401	859	3,260	() (0	0	3,260	0	0	0	0	0	3,260
4																								

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

Report Phase 5 - Program 10 Water Program Program Phase 5

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

						Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Yea	r Cash Flo	w Comm	itments F	inanced	Ву		
	oject No. Project Name				0045	2242	0017	0040	2242	Total	Total	Total	Provincial Grants and	Federal	Development	Reserves	Reserve	Capital from			Deb Recove		Total
-		Nard S	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	ixeserves	Funas	Current	Other 1	Other2	Debt		Financing
WA190755	8 REGENT PARK CAPITAL CONTRIBUTION																						
0 9	REGENT PARK CAPITAL CONTRIBUTION 2015 SC	- CW	S3	05	308	1,473	343	345	345	2,814	-737	2,077	С) (0	0	2,077	0	0	0	0	0	2,077
	Sub-total				1,215	1,803	475	1,090	632	5,215	122	5,337	0	(0	0	5,337	0	0	0	0	0	5,337
WAT90794	6 BUSINESS IT PROJECTS																						
0 1	BUSINESS INTELLIGENCE INITIATIVES	CW	S2	04	280	0	0	0	0	280	0	280	С) (0	0	280	0	0	0	0	0	280
0 2	BACKFLOW INSPECTION PORTAL	CW	S2	04	0	200	200	0	0	400	0	400	С) (0	0	400	0	0	0	0	0	400
0 7	ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT	CW	S2	04	1,968	1,225	975	975	0	5,143	0	5,143	c) (0	0	5,143	0	0	0	0	0	5,143
0 10	ENTERPRISE WORK MANAGEMENT SYSTEM PROJ - 2015 SC	CW	S3	04	-1,144	494	446	297	1,373	1,466	500	1,966	C) (0	0	1,966	0	0	0	0	0	1,966
0 11	BUSINESS INTELLIGENCE INITIATIVES-2015 SC	CW	S3	04	-221	0	0	0	0	-221	0	-221	c) (0	0	-221	0	0	0	0	0	-221
0 12	EDOCS- 2015 SC	CW	S3	04	150	150	0	0	0	300	0	300	C) (0	0	300	0	0	0	0	0	300
	Sub-total				1,033	2,069	1,621	1,272	1,373	7,368	500	7,868	0	(0	0	7,868	0	0	0	0	0	7,868
WAT90808	7 TRUNK WATERMAIN			Ī																			
0 1	TRANSMISSION SYSTEM AUTOMATION	CW	S4	04	250	1,750	1,750	10	0	3,760	0	3,760	c) (0	0	3,760	0	0	0	0	0	3,760
0 4	JOS - REVENUE METER REPLACEMENT	CW	S6	03	0	1,890	2,520	630	0	5,040	0	5,040	С) (0	0	5,040	0	0	0	0	0	5,040
0 5	CAST IRON T/M REPLACEMENT - FUTURE	CW	S6	03	0	0	0	1,000	2,000	3,000	22,000	25,000	c) (0	0	25,000	0	0	0	0	0	25,000
0 6	3RD PARTY RELOCATIONS (METROLINX)	CW	S4	04	500	500	500	250	250	2,000	0	2,000	c) (0	0	2,000	0	0	0	0	0	2,000
	Sub-total				750	4,140	4,770	1,890	2,250	13,800	22,000	35,800	0	(0	0	35,800	0	0	0	0	0	35,800
Total P	rogram Expenditure				318,558	433,057	419,871	393,240	358,120	1,922,846	1,821,779	3,744,625	0	(286,690	0	3,404,316	0	0	53,619	0	0	3,744,625

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Report Phase 5 - Program 10 Water Program Program Phase 5

Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

Water Program Current and Future Year Cash Flow Commitments and Estimates Current and Future Year Cash Flow Commitments and Estimates Financed By Debt -Total Capital Total Total Sub- Project No. Project Name Provincial Recoverable Reserve Total from Federal Development Grants and Financing Priority SubProj No. Sub-project Name 2015 2016 2017 2018 2019 2020-2024 Charges Reserves Funds Ward Stat. Cat. 2015-2024 Current Other 1 Other 2 Debt 2015-201 Subsidy Financed By: **Development Charges** 0 0 286,690 0 0 0 0 0 130,701 286,690 0 286,690 19,761 27,197 50,327 32,978 25,726 155,989 Reserve Funds (Ind."XR" Ref.) 0 0 0 03,404,316 0 0 0 0 3,404,316 288,850 396,164 357,428 349,894 330,251 1,722,587 1,681,729 3,404,316 Other2 (External) 0 53,619 0 9,947 9,696 12,116 10,368 2,143 44,270 9,349 53,619 53,619 318,558 433,057 419,871 393,240 358,120 1,922,846 1,821,779 3,744,625 0 0 286,690 03,404,316 0 0 53,619 0 3,744,625 **Total Program Financing**

Status Code	Description
S2	S2 Prior Year
00	C2 D-i V

Year (With 2015 and\or Future Year Cashflow)

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 New - Future Year (Commencing in 2016 & Beyond)

Category Code Description

S6

01 Health and Safety C01 02 Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05 Reserved Category 1 C06 06 07 Reserved Category 2 C07

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

Wa	stewa	ater Program																						
							Curr	ent and Fu	ıture Year	Cash Flov	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comn	nitments	Financed	Ву		
<u>Sul</u> Pri		<u>oject No. Project Name</u> bProj No. Sub-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		Other2	Deb Recove Debt		Total Financing
		ASHBRIDGES BAY WWTP REHAB												Cubolaloo										J
0	17	STANDBY POWER GENERATION	CW	S2	04	4,073	5	15	0	0	4,093	0	4,093	0	(329	0	3,764	C	0 (0 0	0	0	4,093
0	19	FERROUS UPGRADES	CW	S2	03	475	6,072	6,700	3,185	255	16,687	0	16,687	О	(0 1,350	0	15,337	(0 (0 0	0	0	16,687
0	30	ELECTRICAL REHAB	CW	S2	01	6,611	6,025	2,105	421	0	15,162	0	15,162	o	(0 0	0	15,162	(0 (0 0	0	0	15,162
0	41	POLYMER UPGRADE	CW	S2	03	825	800	9,900	12,200	9,580	33,305	2,800	36,105	0	(0 0	0	36,105	(0 (0 0	0	0	36,105
0	46	Rehab of Grounds and Buildings	CW	S2	03	25	0	0	0	0	25	0	25	0	(0 0	0	25	(0 (0 0	0	0	25
0	47	P BLDG HEADWORKS ENG DESIGN&CONTRACT ADMIN	CW	S2	03	2,791	2,084	988	885	250	6,998	49	7,047	0	(568	0	6,479	(0 (0 0	0	0	7,047
0	49	PROCESS UPGRADES AND ODOUR CONTROL ENGINEERING	CW	S2	04	1,000	410	34	0	0	1,444	0	1,444	0	(0 116	0	1,328	(0 (0 0	0	0	1,444
0	189	PROCESS AND EQUIPMENT	CW	S2	03	3,191	3,610	4,004	4	0	10,809	0	10,809	0	(0 0	0	10,809	C	0 (0	0	0	10,809
0	190	FACILITY AND GROUNDS	CW	S2	03	2,013	2,002	0	0	0	4,015	0	4,015	О	(0 0	0	4,015	(0 (0 0	0	0	4,015
0	200	PROCESS AND FACILITIES -FUTURE	CW	S6	03	0	0	2,040	2,040	2,040	6,120	10,200	16,320	o	(0 0	0	16,320	(0 (0 0	0	0	16,320
0	215	DIGESTERS CLEANING REHAB - TANKS 14, 16, 13	CW	S2	03	3,800	3,600	3,100	0	0	10,500	0	10,500	О	(0 0	0	10,500	(0 (0 0	0	0	10,500
0	216	OPERATIONS CENTRE - ENGINEERING	CW	S2	03	700	0	0	0	0	700	0	700	0	(0 0	0	700	C	0 (0 0	0	0	700
0	217	ELECTRICAL REHAB - FUTURE	CW	S6	03	0	250	6,720	7,225	3,425	17,620	0	17,620	0	(0 0	0	17,620	(0 (0 0	0	0	17,620
0	218	FERROUS UPGRADES - 2015 SC	CW	S3	03	-225	-1,572	200	2,153	195	751	0	751	o	(0 60	0	691	(0 (0 0	0	0	751
0	219	PROCESS AND EQUIPMENT - 2015 SC	CW	S3	03	-596	1,023	-2,004	-4	0	-1,581	0	-1,581	0	(0 0	0	-1,581	(0 (0 0	0	0	-1,581
0	220	GROUND AND FACILITIES - 2015 SC	CW	S3	03	869	-1,455	0	0	0	-586	0	-586	0	(0 0	0	-586	C	0 (0 0	0	0	-586
0	221	POLYMER UPGRADE - 2015 SC	CW	S3	03	-325	-100	-5,900	800	3,420	-2,105	5,876	3,771	o	(0 0	0	3,771	(0 (0 0	0	0	3,771
0	222	DIGESTERS CLEANING REHAB -TANKS 14&16&13 - 2015 SC	CW	S3	03	-2,075	125	75	2,139	94	358	0	358	0	(0 0	0	358	(0 (0 0	0	0	358
0	223	OPERATIONS CENTRE - ENGINEERING & CONSTRUCTION	cW	S6	04	0	0	800	5,500	5,500	11,800	0	11,800	0	(0 0	0	11,800	(0 (0 0	0	0	11,800
0	224	BRIDGE UPGRADES	CW	S4	03	200	1,100	2,500	2,600	100	6,500	0	6,500	0	(0 0	0	6,500	(0 () 0	0	0	6,500
0	225	DIGESTER CLEANING & UPGRADES - FUTURE	CW	S6	03	0	0	100	6,300	6,400	12,800	32,200	45,000	o	(0 0	0	45,000	(0 (0 0	0	0	45,000
0	226	ABTP - ENVIRONMENTAL ASSESSMENT	CW	S4	05	150	250	600	250	0	1,250	0	1,250	0	(0 0	0	1,250	(0 (0 0	0	0	1,250
0	227	AIR HEADER REHAB	CW	S4	03	100	700	1,200	0	0	2,000	0	2,000	0	(0 0	0	2,000	(0 (0 0	0	0	2,000
0	228	BLOWER BUILDING MAINTENANCE SHOP	CW	S4	04	100	100	300	0	0	500	0	500	О	(0 0	0	500	(0 (0 0	0	0	500

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

		_				ĺ		Curre	ent and Fi	iture Year	Cash Flor	w Commitn	nents	I	ĺ	C	rent and Fu	iture Veer	Cash Flor	w Commi	tmente E	inancod	Bv	_	
							1	June	unu rt	uio iodi	-uoii i i0					Cui	. Sint allu Ft	acute tedi			ionia r	a.ıceu	Debt -	\neg	
<u>Sul</u> Prid			Project Name Sub-project Name	Nard	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	Capital from Current	Other 1	Other2	Recover	able	Total Financing
WAS	000007	ASHBRID	GES BAY WWTP REHAB																						
0	229	D BUILDIN	NG PHASE 2	CW	S4	03	150	700	3,600	1,200	50	5,700	0	5,700	О	0	0	0	5,700	0	0	0	0	0	5,700
0	231	HOT WAT	ER LOOP MODIFICATIONS	CW	S4	03	100	500	0	0	0	600	0	600	О	0	0	0	600	0	0	0	0	0	600
0	232	STANDBY	POWER GENERATION-2015 SC	CW	S3	04	-2,757	400	-13	0	0	-2,370	0	-2,370	o	0	-190	0	-2,180	0	0	0	0	0	-2,370
0	233		IEADWORKS ENG CONTRACT ADMIN-2015 SC	CW	S3	03	-831	-99	-148	881	0	-197	0	-197	o	0	-16	0	-181	0	0	0	0	0	-197
0	234	ELECTRIC	CAL REHAB - ECAP-2015 SC	CW	S3	01	-738	793	-501	-407	0	-853	0	-853	O	0	0	0	-853	0	0	0	0	0	-853
0	235	MOBILE G	GENERATORS-2015 SC	CW	S3	04	29	0	0	0	0	29	0	29	О	0	0	0	29	0	0	0	0	0	29
0	236	REHAB O SC	F GROUNDS & BUILDINGS-2015	CW	S3	03	-25	0	0	0	0	-25	0	-25	O	0	0	0	-25	0	0	0	0	0	-25
0	237		S UPGRADES & ODOUR L ENG-2015 SC	CW	S3	04	280	145	276	0	0	701	0	701	O	0	57	0	644	0	0	0	0	0	701
0	238	SECURIT	Y UPGRADES	CW	S4	04	200	1,200	1,550	0	0	2,950	0	2,950	O	0	0	0	2,950	0	0	0	0	0	2,950
0	239	FINAL TAN	NK UPGRADES - TANKS 10 & 11	CW	S6	03	0	1,330	1,330	0	0	2,660	0	2,660	O	0	0	0	2,660	0	0	0	0	0	2,660
0	240	OERATION 2015 SC	NS CENTRE -ENGINEERING -	CW	S3	03	-300	0	0	0	0	-300	0	-300	0	0		0	-300	0	0	0	0	0	-300
			Sub-total				19,810	29,998	39,571	47,372	31,309	168,060	51,125	219,185	0	0	2,274	0	216,911	0	0	0	0	0	219,185
WAS	000115	HUMBER	<u>T.P.</u>																					\exists	
0	9	CO-GENE	RATION	CW	S4	04	200	200	109	0	0	509	0	509	0	0	0	0	509	0	0	0	0	0	509
			Sub-total				200	200	109	0	0	509	0	509	0	0	0	0	509	0	0	0	0	0	509
WAS	8000259	TRUNK SI	EWER SYSTEM																					\exists	
0	15	TRUNK SI	EVWER REHAB-2012	CW	S2	03	6,078	6,884	1,611	381	38	14,992	11	15,003	O	0	0	0	15,003	0	0	0	0	0	15,003
0	18	Keele Trur	nk Sewer Design & Construction	CW	S6	05	0	0	500	5,500	8,500	14,500	95,000	109,500	O	0	34,064	0	75,436	0	0	0	0	0	109,500
0	23	TRUNK SI	EWER REHABILITATION	CW	S2	03	170	0	0	0	0	170	0	170	0	0	0	0	170	0	0	0	0	0	170
0	24	TRUNK SI FORECAS	EWER REHABILITATION - ST	CW	S6	03	0	0	15,000	21,000	21,000	57,000	100,000	157,000	0	0	0	0	157,000	0	0	0	0	0	157,000
0	27		EWER REHABILITATION - 2014	CW		03	12,965	18,225	3,543	7	0	34,740	0	34,740	0	0		0	34,740	0	0	0	0	0	34,740
0	34	CONSTRU		CW		05	1,000	0	0	0	0	1,000	0	1,000	0			0	1,000	0	0		0	0	1,000
0	36		MENT-FORECAST		S6	03	0	5,000	5,000	5,000	5,000	20,000	25,000	45,000	0	·		0	45,000	0	0	0	0	0	45,000
0	38	TRUNK SI 2015 SC	EWER REHABILITATION - 2012 -	CW	S3	03	7,751	-603	311	10	51	7,520	0	7,520	0	0	0	0	7,520	0	0	0	0	0	7,520

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

•••	SICWE	iter i rogiam																						
							Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
<u>Sub</u> Prio		oject No. Project Name oProj No. Sub-project Name	Ward	Stat.	Cat. 2	015	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	Rec	Debt - overable	Total Financing
WAS	000259	TRUNK SEWER SYSTEM																						
0	39	TRUNK SEWER REHABILITATION - 2014 - 2015 SC	CW	S3	03	-35	-1,025	2,382	1,386	7	2,715	0	2,715	C) (0	0	2,715	0	0	0	0	0	2,715
0	40	KEELE TRUNK SEWER DESIGN & CONSTRUCTION - 2015 SC	CW	S3	05	-500	600	300	0	0	400	0	400	C) (0	0	400	0	0	0	0	0	400
0	41	TRUNK SEWER REHABILITATION-2015 SC	CW	S3	03	-147	15	0	0	0	-132	0	-132	С) (0	0	-132	0	0	0	0	0	-132
		Sub-total				27,282	29,096	28,647	33,284	34,596	152,905	220,011	372,916	0	(34,064	0	338,852	0	0	0	0	C	372,916
WAS	000442	BASEMENT FLOODING RELIEF																						
1	1	BASEMENT FLOODING RELIEF - BACKFLOW GRANTS	CW	S2	04	0	5,500	5,500	5,500	5,500	22,000	22,000	44,000	c) (0	0	44,000	0	0	0	0	0	44,000
0	8	BASEMENT FLOODING STUDIES & EAS	CW	S2	04	4,503	1,485	0	0	0	5,988	0	5,988	C) (0	0	5,988	0	0	0	0	0	5,988
0	9	BASEMENT FLOODING RELIEF - TUNNEL PROJECT	. CW	S2	04	10,000	32,000	37,000	40,500	30,000	149,500	0	149,500	c) (0	0	149,500	0	0	0	0	0	149,500
0	12	ROAD RESTORATION FOR BSMT FLDG	CW	S2	04	772	0	0	0	0	772	0	772	C) (0	0	772	0	0	0	0	0	772
0	14	BASEMENT FLOODING DESIGN - GROUP 1	CW	S2	04	1,888	1,900	0	0	0	3,788	0	3,788	C) (0	0	3,788	0	0	0	0	0	3,788
0	18	BASEMENT FLOODING DESIGN - GROUP 2	CW	S2	04	5,900	5,500	5,500	25	0	16,925	0	16,925	C) (0	0	16,925	0	0	0	0	0	16,925
0	19	BASEMENT FLOODING RELIEF - GROUP 2	CW	S2	04	11,222	39,832	49,299	1,500	0	131,853	0	131,853	С) (0	0	131,853	0	0	0	0	0	131,853
0	20	BASEMENT FLOODING DESIGN - GROUP 3	CW	S2	04	3,000	4,000	5,000	5,000	4,000	21,000	4,000	25,000	С) (0	0	25,000	0	0	0	0	0	25,000
0	29	BASEMENT FLOODING RELIEF - GROUP 1	CW	S2	04	9,710	11,675	75	0	0	21,460	0	21,460	C) (0	0	21,460	0	0	0	0	0	21,460
0	52	BASEMENT FLOODING RELIEF-FUTURE	CW	S6	04	0	0	0	48,451	67,000	115,451	445,040	560,491	C) (0	0	560,491	0	0	0	0	0	560,491
0	68	BSMT FLOODING PROTECTION SUBSIDY PROG - 2015 SC				5,500	0	0	-5,500	-5,500	-5,500	-22,000	-27,500	C) (0	0	-27,500	0	0	0	0	0	-27,500
0	69	BASEMENT FLOODING STUDIES & EAS - 2015 SC		S3	04	-2,757	538	280	100	100	-1,739	0	-1,739	C) (0	0	-1,739	0	0	0	0	0	-1,739
0	70	BASEMENT FLOODING RELIEF - GROUP 1 - 2015 SC	CW	S3	04	2,881	-1,408	0	0	0	1,473	0	1,473	C) (0	0	1,473	0	0	0	0	0	1,473
0	71	ROAD RESTORATION FOR BSMT FLDG PRJS - 2015 SC	CW	S3	04	408	800	0	0	0	1,208	0	1,208	C) (0	0	1,208	0	0	0	0	0	1,208
0	72	BASEMENT FLOODING RELIEF-TUNNEL PROJ - 2015 SC	CW	S3	04	-9,485	-17,000	-7,000	-10,500	5,000	-38,985	40,000	1,015	C) (0	0	1,015	0	0	0	0	0	1,015
0	73	BASEMENT FLOODING RELIEF - GROUP 2 - 2015 SC	CW	S3	04 -	11,832	-10,330	17,099	43,569	2,000	40,506	0	40,506	C) (0	0	40,506	0	0	0	0	0	40,506
0	75	BASEMENT FLOODING RELIEF - GROUP 4	CW	S6	04	0	0	0	19,642	44,642	64,284	315,000	379,284	C) (0	0	379,284	0	0	0	0	0	379,284
0	76	BASEMENT FLOODING FLOW MONITORING	CW	S6	04	0	1,500	1,500	1,500	1,500	6,000	1,500	7,500	C) (0	0	7,500	0	0	0	0	0	7,500
0	77	BASEMENT FLOODING DESIGN - GROUP 4	CW	S4	04	1,170	4,030	6,030	10,000	13,270	34,500	75,860	110,360	C) (0	0	110,360	0	0	0	0	0	110,360

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Report Phase 5 - Program 11 Wastewater Program Program Phase 5 - Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

				_	Ī		Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Curi	ent and Fu	iture Year	Cash Flo	w Commi	tments I	inanced	Ву		
Sub Prio		j <u>ect No.</u> <u>Project Name</u> Proj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal c	evelopment Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recovera Debt		Total Financing
WAS	000442	BASEMENT FLOODING RELIEF							•					·	•	•								
0	78	BASEMENT FLOODING DESIGN - GROUP 1-2015 SC	P CW	S3	04	-363	-1,375	1,397	129	0	-212	0	-212	0	0	0	0	-212	0	C	0	0	0	-212
0	79	BASEMENT FLOODING DESIGN - GROUP 2-2015 SC	P CW	S3	04	-1,350	-1,575	799	975	334	-817	21	-796	0	0	0	0	-796	0	C	0	0	0	-796
0	80	BASEMENT FLOODING DESIGN - GROUP 3-2015 SC	P CW	S3	04	-752	-1,239	-2,885	-4,322	-721	-9,919	-4,000	-13,919	0	0	0	0	-13,919	0	C	0	0	0	-13,919
0	81	BASEMENT FLOODING STUDIES & EAS-CW IMPLEMENTATION	CW	S2	04	3,500	3,500	4,950	0	0	11,950	0	11,950	0	0	0	0	11,950	0	C	0	0	0	11,950
0	82	BASEMENT FLOODING STUDIES & EAS-CW IMP-2015 SC	CW	S3	04	-950	3,500	4,550	5,000	0	12,100	0	12,100	0	0	0	0	12,100	0	C	0	0	0	12,100
0	83	BASEMENT FLOODING PROTECTION SUBSIDY - FUTURE	CW	S6	04	0	0	0	5,500	5,500	11,000	27,500	38,500	0	0	0	0	38,500	0	C	0	0	0	38,500
0	84	10 YEAR BASEMENT FLOODING STUDIES & EAs	CW	S6	04	0	0	0	0	4,000	4,000	20,000	24,000	0	0	0	0	24,000	0	C	0	0	0	24,000
0	85	10 YEAR BASEMENT FLOODING FLOW MONITORING	CW	S6	04	0	0	0	0	0	0	3,000	3,000	0	0	0	0	3,000	0	C	0	0	0	3,000
		Sub-total				62,965	82,833	129,094	167,069	176,625	618,586	927,921	1,546,507	0	0	0	01	1,546,507	0	C	0	0	0	1,546,507
WAS	000521	HIGHLAND CREEK WWTP - BUILDING SE	ERV &																					
0	3	HCTP BLDG REHAB & IMPROVEMENTS	CW	S2	03	4,262	4,000	3,000	0	0	11,262	0	11,262	0	0	0	0	11,262	0	C	0	0	0	11,262
0	7	HCTP Bldg Rehab and Impro - 2015 SC	CW	S3	03	-3,262	-500	1,000	4,000	2,800	4,038	0	4,038	0	0	0	0	4,038	0	C	0	0	0	4,038
		Sub-total				1,000	3,500	4,000	4,000	2,800	15,300	0	15,300	0	0	0	0	15,300	0	C	0	0	0	15,300
WAS	906322	W&WW LABORATORIES																					İ	
0	9	LAB EQUIPMENT	CW	S2	03	186	0	0	0	0	186	0	186	0	0	0	0	186	0	C	0	0	0	186
0	22	LAB & EMP FACILITIES	CW	S6	04	0	0	0	0	0	0	20,900	20,900	O	0	0	0	20,900	0	C	0	0	0	20,900
0	26	LAB EQUIPMENT - 2015 SC	CW	S3	03	-66	120	150	210	0	414	0	414	0	0	0	0	414	0	C	0	0	0	414
0	27	LAB EQUIPMENT - FUTURE	CW	S6	03	0	0	0	0	210	210	1,050	1,260	0	0	0	0	1,260	0	C	0	0	0	1,260
		Sub-total				120	120	150	210	210	810	21,950	22,760	0	0	0	0	22,760	0	C	0	0	0	22,760
WAS	906328	SWM END OF PIPE FACILITIES																						
0	6	DON VALLEY SWM	CW	S6	04	0	0	0	40	160	200	3,760	3,960	0	0	318	0	3,642	0	C	0	0	0	3,960
0	9	NORTH TORONTO CSO CONSTR	CW	S2	04	5,389	2,500	0	0	0	7,889	0	7,889	0	0	633	0	7,256	0	C	0	0	0	7,889
0	10	ETOBICOKE WATERFRONT SWM CONST	r cw	S6	04	0	0	0	0	0	0	122,500	122,500	0	0	9,858	0	112,642	0	C	0	0	0	122,500
0	11	Bonar Creek Construction	CW	S2	04	1,000	2,150	5,400	5,250	2,450	16,250	150	16,400	0	0	1,320	0	15,080	0	C	0	0	0	16,400
0	12	EARL BALES SWM FACILITY - PHASE 2	CW	S2	04	4,400	1,000	0	0	0	5,400	0	5,400	0	0	435	0	4,965	0	C	0	0	0	5,400

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Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

						Curr	ent and Fu	uture Year	Cash Flor	w Commitn	nents			Cur	rent and Fu	uture Year	Cash Flo	w Commi	tments F	inanced	Ву		
	Project No. Project Name SubProj No. Sub-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 Recove Debt		Total Financing
WAS9063	SWM END OF PIPE FACILITIES																						
0 38	COATSWORTH CUT DESIGN & CONSTRUCTION	CW	S6	04	0	0	0	300	2,200	2,500	7,700	10,200	0	0	821	0	9,379	0	0	0	0	0	10,200
0 52	Scarborough Waterfront Construction - 2015 SC	CW	S3	04	0	0	1,150	4,000	9,600	14,750	33,200	47,950	0	0	3,860	0	44,090	0	0	0	0	0	47,950
0 53	EARL BALES PARK SWM FACILITY - PHASE 2 - 2015 SC	CW	S3	04	100	1,300	0	0	0	1,400	0	1,400	0	0	112	0	1,288	0	0	0	0	0	1,400
0 54	NORTH TORONTO CSO CONSTR-2015 SC	C CW	S3	04	11	-349	0	0	0	-338	0	-338	0	0	-25	0	-313	0	0	0	0	0	-338
0 55	Bonar Creek Construction-2015 SC	CW	S3	04	-500	-1,750	0	1,950	120	-180	0	-180	0	0	-15	0	-165	0	0	0	0	0	-180
	Sub-total				10,400	4,851	6,550	11,540	14,530	47,871	167,310	215,181	0	0	17,317	0	197,864	0	0	0	0	0	215,181
WAS9063	331 SWM SOURCE CONTROL PROG																						
0 9	DOWNSPOUT DISCONNECTION PROGRAM	CW	S2	04	150	250	150	150	0	700	0	700	0	0	0	0	700	0	0	0	0	0	700
0 15	DOWNSPOUT DISCONNECTION PROGRAM- 2015 SC	CW	S3	04	0	-100	0	0	0	-100	0	-100	0	0	0	0	-100	0	0	0	0	0	-100
	Sub-total				150	150	150	150	0	600	0	600	0	0	0	0	600	0	0	0	0	0	600
WAS9063	HIGHLAND CREEK WWTP - ODOUR CON	TROI																					
0 1	ODOUR CONTROL UPGRADES - PHASE 1 ENG	I CW	S2	04	1,310	1,280	1,600	780	5	4,975	0	4,975	0	0	398	0	4,577	0	0	0	0	0	4,975
0 2	ODOUR CONTROL UPGRADES PHASE 1 CONST	CW	S2	02	16,140	13,700	14,200	14,320	10,000	68,360	0	68,360	0	0	5,504	0	62,856	0	0	0	0	0	68,360
0 3	ODOUR CONTROL UPGRADES - PH 2	CW	S6	02	0	0	0	400	1,000	1,400	33,700	35,100	0	0	1,413	0	33,687	0	0	0	0	0	35,100
0 16	ODOUR CONTROL UPGRADES - PHASE 1 ENG-2015 SC	I CW	S3	04	-805	195	320	320	800	830	0	830	0	0	71	0	759	0	0	0	0	0	830
0 17	ODOUR CONTROL UPGRADES - PHASE 1 CONSTR-2015 SC	I CW	S3	02	-1,140	3,300	800	680	-4,425	-785	0	-785	0	0	-66	0	-719	0	0	0	0	0	-785
	Sub-total				15,505	18,475	16,920	16,500	7,380	74,780	33,700	108,480	0	0	7,320	0	101,160	0	0	0	0	0	108,480
WAS9064	ASHBRIDGES BAY T.P III YR2004																						
0 3	PCS-PLANT SRVS	CW	S2	04	1,530	50	30	0	0	1,610	0	1,610	0	0	129	0	1,481	0	0	0	0	0	1,610
0 4	LANDSCAPE SITE DESIGN	CW	S2	04	0	0	0	0	0	0	800	800	0	0	0	0	800	0	0	0	0	0	800
0 45	LANDSCAPE SITE DESIGN - 2015 SC	CW	S3	04	0	0	0	0	0	0	-800	-800	0	0	0	0	-800	0	0	0	0	0	-800
0 46	PCS-PLANT SRVS-2015 SC	CW	S3	04	-35	0	0	0	0	-35	0	-35	0	0	-3	0	-32	0	0	0	0	0	-35
	Sub-total				1,495	50	30	0	0	1,575	0	1,575	0	0	126	0	1,449	0	0	0	0	0	1,575
WAS9064	HIGHLAND CREEK T.P IV YR2004																						
0 2	PCS PLANT SERVICES	CW	S2	04	108	3	0	0	0	111	0	111	O	0	9	0	102	0	0	0	0	0	111
ı																							

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Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

				·							1											
					Curre	ent and Fi	uture Year	Cash Flo	w Commitr	nents			Cui	rent and Fu	ıture Year	Cash Flow	Commitn	nents F	inanced	Ву		
	Project No. Project Name SubProj No. Sub-project Name	Ward St	at. Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Ca Reserve f Funds Cu	apital rom urrent O	ther 1	Other2	Reco	ebt - verable	Total Financing
WAS9064	HIGHLAND CREEK T.P IV YR2004																					
0 20	PCS PLANT SERVICES-2015 SC	CW S	3 04	-45	117	0	0	0	72	0	72	C	0 0	6	0	66	0	0	0	0	0	72
	Sub-total			63	120	0	0	0	183	0	183	0) 0	15	0	168	0	0	0	0	0	183
WAS9064	188 HUMBER T.P II YR2004																					
0 2	PCS PLANT SERVICES	CW S	32 04	180	5	7	0	0	192	0	192	C	0 0	15	0	177	0	0	0	0	0	192
0 22	PCS PLANT SERVICES-2015 SC	CW S	3 04	-25	0	0	7	0	-18	0	-18	C) 0	-1	0	-17	0	0	0	0	0	-18
	Sub-total			155	5	7	7	0	174	0	174	0	0	14	0	160	0	0	0	0	0	174
WAS9064	WET WEATHER FLOW MP																				ļ	1
0 1	SWM INA-EA	CW S	32 04	610	150	150	150	0	1,060	0	1,060	C	0 0	85	0	975	0	0	0	0	0	1,060
0 2	WWFMP - PUBLIC EDUCATION	CW S	32 04	500	500	0	0	0	1,000	0	1,000	C) 0	80	0	920	0	0	0	0	0	1,000
0 10	10 Yr WWFMP Public Ed - Communication	ns CW S	66 04	0	3,000	4,000	5,125	6,000	18,125	30,000	48,125	C) 0	3,873	0	44,252	0	0	0	0	0	48,125
0 11	10 Yr WWFMMP Implementation	CW S	66 04	0	0	500	500	500	1,500	2,500	4,000	C) 0	320	0	3,680	0	0	0	0	0	4,000
0 14	WWFMP IMPLEMENTATION - DESIGN&CONTRACT ADMIN	cw s	32 04	1,132	1,000	500	0	0	2,632	0	2,632	C) 0	212	0	2,420	0	0	0	0	0	2,632
0 15	WWF MONITORING STATIONS	CW S	32 04	0	0	0	500	200	700	400	1,100	C) 0	88	0	1,012	0	0	0	0	0	1,100
0 40	10 YEAR SWM - CONVEYANCE	cw s	66 04	0	0	0	500	200	700	7,400	8,100	C) 0	652	0	7,448	0	0	0	0	0	8,100
0 44	SWM CONVEYANCE 2013	cw s	32 04	319	0	0	0	0	319	0	319	C) 0	26	0	293	0	0	0	0	0	319
0 51	SWM CONVEYANCE 2014	cw s	32 04	4,299	0	0	0	0	4,299	0	4,299	C) 0	0	0	4,299	0	0	0	0	0	4,299
0 57	SWM CONVEYANCE 2014 - 2015 SC	cw s	3 04	-2,048	974	0	0	0	-1,074	0	-1,074	C) 0	0	0	-1,074	0	0	0	0	0	-1,074
0 58	SWM CONVEYANCE 2015	CW S	34 04	1,034	1,267	767	0	0	3,068	0	3,068	C) 0	0	0	3,068	0	0	0	0	0	3,068
0 59	STORM WATER POND ASSESSMENT & CLEANING	cw s	34 03	200	1,000	1,000	2,200	2,200	6,600	0	6,600	C) 0	0	0	6,600	0	0	0	0	0	6,600
0 60	Ashbridges Bay Landforms	cw s	64 04	5,333	15,689	3,390	8,668	0	33,080	0	33,080	C) 0	0	0	33,080	0	0	0	0	0	33,080
0 61	Humber Bay Landforms	CW S	66 04	0	0	0	0	0	0	5,000	5,000	C) 0	0	0	5,000	0	0	0	0	0	5,000
0 62	SWM INA/EA-2015 SC	cw s	3 04	-25	400	200	50	50	675	0	675	C) 0	54	0	621	0	0	0	0	0	675
0 63	WWFMP IMPLEMENTATION - DESIGN-2015 SC	cw s	3 04	1,467	700	850	0	0	3,017	0	3,017	C	0	243	0	2,774	0	0	0	0	0	3,017
0 64	WET WEATHER FLOW MONITORING STATIONS-2015 SC	CW S	3 04	0	0	0	-500	-200	-700	-400	-1,100	C) 0	-88	0	-1,012	0	0	0	0	0	-1,100
1																						

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Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

Part		.0.0	ater i rogiam																						
Section Proceed Plane Process							Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cui	rrent and Fu	iture Year	Cash Flov	w Commi	itments F	inanced	Ву			
No. Section Property Prop				Ward	Stat	Cat	2015	2016	2017	2018	2019			1	Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2	Re		I rotal
State Stat			· · ·	viaia	Otat.	Out.						2010 2010		2010 2021	Subsidies									-	- maneing
Super Asset PLANNING 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			STORM WATER POND ASSESSMENT &	. CW	S6	03	0	0	0	0	0	0	5,750	5,750	0	C	0	0	5,750	0	C	0	C	0	5,750
Sever Assert PLANNING Seve	0	66	SWM CONVEYANCE 2013- 2015 SC	CW	S3	04	681	292	0	0	0	973	0	973	0	C	79	0	894	0	0	0	C	0	973
Second Processing Seco			Sub-total				13,502	24,972	11,357	17,193	8,950	75,974	50,650	126,624	0	C	5,624	0	121,000	0	С	0	-) 0	126,624
Note 1	WA:	S906495	5 SEWER ASSET PLANNING																						
1	0	5	Sewer Asset Planning	CW	S2	03	1,825	615	0	0	0	2,440	0	2,440	0	C	196	0	2,244	0	0	0	C	0	2,440
FORECAST 18 18 SEWER SYSTEM INSPECTION 10 VR S	0	7	Sewer System Inspection	CW	S2	03	14,184	12,000	12,000	12,000	11,000	61,184	4,000	65,184	0	C	0	0	65,184	0	0	0	C	0	65,184
FORECAST 2 21 PD-INFRASTRICTURE PLANNING CW S2 05 180 0 0 150 150 150 150 150 150 150 150 15	0	17		CW	S6	04	0	0	0	5,000	5,000	10,000	23,500	33,500	0	C	1,347	0	32,153	0	0	0	C	0	33,500
STUDIES - STUDIES - STUDIES - STUDIES - STUDIES - STUDIES - STORPASTRICTURE PLANNING - CW S	0	18		CW	S6	03	o	0	0	0	0	o	50,000	50,000	0	C	0	0	50,000	0	0	0	C	0	50,000
STUDIES -1 OX PPLAN 0 25 SEWER ASSET PLANNING - 2015 SC CW S3 03 675 2.804 4.000 2.400 500 10,379 0 10,379 0 0 835 0 9,544 0 0 0 0 0 0 10,379 0 26 SEWER ASSET PLANNING - 2015 SC CW S3 03 -5,176 1,213 -1.055 -2.049 1,000 -6.067 12,495 6,428 0 0 0 0 0 0 6,428 0 0 0 0 0 0 0 6,428 0 27 PPD - INFRASTRUCTURE PLANNING CW S3 05 -30 150 0 0 0 0 0 150 0 120 0 120 0 0 0 0 120 0 0 0 0 0 0 0	0	21		CW	S2	05	180	0	0	0	0	180	0	180	0	C	0	0	180	0	0	0	C	. 0	180
0 26 SEWER SYSTEM INSPECTION-2015 SC CW S3 03 -5,176 1,213 -1,055 -2,049 1,000 -6,067 12,495 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 6,428 0 0 0 0 0 0 6,428 0 0 0 0 0 0 6,428 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	22		CW	S6	05	0	0	150	150	150	450	750	1,200	0	C	0	0	1,200	0	0	0	C	0	1,200
Part	0	25	SEWER ASSET PLANNING - 2015 SC	CW	S3	03	675	2,804	4,000	2,400	500	10,379	0	10,379	0	C	835	0	9,544	0	0	0	C	0	10,379
STUDIES-2015 SC Sub-lotal 11,658 16,762 15,095 17,501 17,650 78,686 90,745 169,431 0 0 2,378 0 167,053 0 0 0 0 0 169,431 WAS906500 NEW SEWER CONSTRUCTION 0 4 10 Year New Sewer Construction CW S6 05 0 0 0 1,000 1,000 1,000 3,000 5,000 8,000 0 0 2,488 0 5,512 0 0 0 0 0 0 8,000 0 5 NEW SEWERS CW S2 05 810 0 0 0 0 810 0 0 810 0 0 504 0 306 0 0 0 0 0 0 810 0 16 10 YEAR SEWER UPGRADES (CW S6 05 0 0 0 2,000 4,000 6,000 12,000 4,000 52,000 0 0 13,000 0 39,000 0 0 0 0 0 0 0 0 52,000 0 23 NEW SEWERS 2015 SC CW S3 05 -310 1,000 0 0 0 0 690 0 690 0 690 0 690 0 44,000 25,000 0 0 13,000 0 26,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	26	SEWER SYSTEM INSPECTION-2015 SC	cw	S3	03	-5,176	1,213	-1,055	-2,049	1,000	-6,067	12,495	6,428	0	C	0	0	6,428	0	0	0	C	0	6,428
NEW SEWER CONSTRUCTION 1	0	27		CW	S3	05	-30	150	0	0	0	120	0	120	0	C	0	0	120	0	0	0	C	0	120
0 4 10 Year New Sewer Construction			Sub-total				11,658	16,782	15,095	17,501	17,650	78,686	90,745	169,431	0	C	2,378	0	167,053	0	0	0) 0	169,431
0 5 NEW SEWERS CW S2 05 810 0 0 0 810 0 810 0 0 504 0 306 0 0 0 0 0 0 810 0 16 10 YEAR SEWER UPGRADES CW S6 05 0 0 2,000 4,000 6,000 12,000 40,000 52,000 0 0 13,000 0 39,000 0 0 0 0 0 0 52,000 0 23 NEW SEWERS - 2015 SC CW S3 05 -310 1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WA:	S906500	NEW SEWER CONSTRUCTION																						
0 16 10 YEAR SEWER UPGRADES CW S6 05 0 0 2,000 4,000 6,000 12,000 40,000 52,000 0 0 13,000 0 39,000 0 0 0 0 0 0 52,000 0 23 NEW SEWERS - 2015 SC CW S3 05 -310 1,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	4	10 Year New Sewer Construction	CW	S6	05	0	0	1,000	1,000	1,000	3,000	5,000	8,000	0	C	2,488	0	5,512	0	0	0	C	0	8,000
CORRIDOR STUDIES CORRIDOR ST	0	5	NEW SEWERS	CW	S2	05	810	0	0	0	0	810	0	810	0	C	504	0	306	0	0	0	C	0	810
0 24 WATERFRONT SANITARY MASTER CW S4 05 1,000 3,000 5,000 5,000 5,000 19,000 25,000 44,000 0 0 22,000 0 22,000 0 0 0 0 0 0 0 44,000 SERVICING PLAN IMP 0 25 DOWNSVIEW LANDS EXTERNAL CW S4 05 2,000 4,000 2,000 0 0 8,000 0 8,000 0 0 8,000 0 0 0 0	0	16		CW	S6	05	0	0	2,000	4,000	6,000	12,000	40,000	52,000	0	C	13,000	0	39,000	0	0	0	C	0	52,000
SERVICING PLAN IMP 0 25 DOWNSVIEW LANDS EXTERNAL CW S4 05 UPGRADES Sub-total 3,500 8,000 10,000 10,000 12,000 43,500 70,000 113,500 0 0 46,421 0 67,079 0 0 0 0 113,500 WAS906735 DIST SEWER REHAB OPS YR2005 0 10 GROUP 1 SEWAGE PUMPING STATION CW S2 03 388 12 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	23	NEW SEWERS - 2015 SC	CW	S3	05	-310	1,000	0	0	0	690	0	690	0	C	429	0	261	0	0	0	C	0	690
UPGRADES Sub-total 3,500 8,000 10,000 12,000 43,500 70,000 113,500 0 0 46,421 0 67,079 0 0 0 0 113,500 WAS906735 DIST SEWER REHAB OPS YR2005 Sewer Rehabors Station CW S2 03 388 12 0 0 0 0 0 0 0 0 0	0	24		CW	S4	05	1,000	3,000	5,000	5,000	5,000	19,000	25,000	44,000	0	C	22,000	0	22,000	0	0	0	C	0	44,000
WAS906735 DIST SEWER REHAB OPS YR2005 0 10 GROUP 1 SEWAGE PUMPING STATION CW S2 03 388 12 0 0 0 400 0 400 0 0 32 0 368 0 0 0 0 0 400 400 UPGRADES	0	25		CW	S4	05	2,000	4,000	2,000	0	0	8,000	0	8,000	0	C	8,000	0	0	0	0	0	C	. 0	8,000
0 10 GROUP 1 SEWAGE PUMPING STATION CW S2 03 388 12 0 0 400 0 400 0 0 32 0 368 0 0 0 0 400 400 UPGRADES			Sub-total				3,500	8,000	10,000	10,000	12,000	43,500	70,000	113,500	0	C	46,421	0	67,079	0	0	0) 0	113,500
UPGRADES	WA:	S906735	DIST SEWER REHAB OPS YR2005																						
Sub-total 388 12 0 0 0 400 0 400 0 0 32 0 368 0 0 0 0 400	0	10		CW	S2	03	388	12	0	0	0	400	0	400	0	C	32	0	368	0	0	0		. 0	400
			Sub-total				388	12	0	0	0	400	0	400	0	С	32	0	368	0	0	0) 0	400

Report 7C

Report Phase 5 - Program 11 Wastewater Program Program Phase 5 - Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

							urrent a	nd Futur	re Year C	Cash Flo	v Commitn	nents			Cu	rrent and F	uture Year	Cash Flov	w Commi	itments F	inance	Ву		1	
<u>Su</u> Pri		oject No. Project Name IbProj No. Sub-project Name	Ward	Stat. (Cat. 201	2016	201	7 20	018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve	Capital from Current	Other 1	Other2	Re	Debt - ecoverable	Tota Financ	
		1 HIGHLAND CREEK TP YR2005												Cabbialoo											
0	1	WAS THICKENING AND DEWATERING ENG	CW	S2	03	17 3	13	0	5	0	635	0	635	c	(51	0	584	0	0	()	0 (635
0	17	WAS THICKENING AND DEWATERING - ENG-2015 SC	- CW	S3	03 -	95 -1	98	5	-5	0	-393	0	-393	С	(-32	0	-361	0	0	()	0 (-	-393
		Sub-total				22	15	5	0	0	242	0	242	0	() 19	0	223	0	0)	0 () :	242
WA	906742	2 HUMBER TP YR2005																							_
0	6	HEADHOUSE UPGRADES Phase 1	CW	S2	03	40	0	0	0	0	40	0	40	c	() 4	0	36	0	0	()	0 (40
0	8	ODOUR CONTROL ENGINEERING	CW	S2	04 1,:	13 4	21	100	101	0	1,835	0	1,835	C	(0	0	1,835	0	0	()	0 (1,	,835
0	53	ODOUR CONTROL ENGINEERING-2015 SC	5 CW	S3	04	60 1,3	29	74	-1	101	2,063	0	2,063	c	(0	0	2,063	0	0	()	0 (2,	,063
0	54	HEADHOUSE UPGRADES PHASE 1 - 20 SC)15 CW	S3	03	20	0	0	0	0	-20	0	-20	С	() -2	0	-18	0	0	()	0 (-20
		Sub-total			1,	93 1,7	50	174	100	101	3,918	0	3,918	0	C) 2	0	3,916	0	0		0	0	3,9	918
WA	3906743	3 ASHRIDGES BAY TP YR2005																							
0	1	Process & Equip Upgrades	CW	S2	03	60 3	22	458	82	0	1,522	0	1,522	c	(123	0	1,399	0	0	()	0 (1,	,522
1	4	M & T IMPROVEMENTS (EQUIPMENT)	CW	S2	03 1,0	26	0	0	0	0	1,026	0	1,026	С	(0	0	1,026	0	0	()	0 (1,	,026
1	7	SERVICE AIR UPGRADES	CW	S2	03 4,9	2,8	50	550	617	0	8,917	0	8,917	c	(0	0	8,917	0	0	()	0 (8,	,917
0	51	SERVICE AIR UPGRADES - 2015 SC	CW	S3	03 -2,	00 -4	50 2	450	-29	0	-529	0	-529	c	(0	0	-529	0	0	()	0 (-	-529
0	52	MISC MECH ENGINEERING-2015 SC	CW	S3	03	80 5	83 -	183	768	0	688	0	688	c	(54	0	634	0	0	()	0 (688
0	53	M & T RETROFIT-2015 SC	CW	S3	03	64 4	.09	0	0	0	573	0	573	С	(0	0	573	0	0	()	0 (573
		Sub-total			3,	70 3,7	14 3	275	1,438	0	12,197	0	12,197	0	C	177	0	12,020	0	0		0	0	12,	197
WA	906755	5 WESTERN BEACHES RETROFIT																							
0	1	WESTERN BEACHES RETROFIT	CW	S2	03 3,0	15 2,5	50	0	0	0	5,565	0	5,565	c	() 447	0	5,118	0	0	()	0 (5,	,565
0	10	WESTERN BEACHES RETROFIT-2015 S	SC CW	S3	03 -1,8	12 1,5	50 1	000	0	0	738	0	738	C	(60	0	678	0	0	()	0 (738
		Sub-total			1,2	03 4,1	00 1	000	0	0	6,303	0	6,303	0	(507	0	5,796	0	0)	0 (6,3	303
WA	3906926	6 OPERATIONAL SUPPORT																							
0	6	FACILITY RENOVATION	CW	S2	04 1,0	00	0	0	0	0	1,000	0	1,000	c	(0	0	1,000	0	0	()	0 (1,	,000
0	7	RENOVATION - MERTON STREET	CW	S2	04 :	60	0	0	0	0	360	0	360	c	(0	0	360	0	0	()	0 (360
0	23	HAND HELD DEVICES - UPDATED	CW	S2	04	50	0	0	0	0	150	0	150	С	(0	0	150	0	0	()	0 (150
1																									

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Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

	0.0	ter i rogiam																						
							Curr	ent and Fu	ıture Year	Cash Flor	v Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
<u>Sub</u>		ject No. Project Name Proj No. Sub-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		bt - /erable	Total Financing
		OPERATIONAL SUPPORT												Cubsidies									\neg	
	40	WWTP PLC PLATFORM UPGRADE	CW	S2	04	3,642	5,500	5,000	4,300	500	18,942	0	18,942	C) () 0	0	18,942	C	0	0	0	0	18,942
0	71	YARDS & FACILITIES - 10 YR PLAN	CW	S6	03	0	520	1,620	1,625	1,625	5,390	8,125	13,515	C) (0	0	13,515	C	0	0	0	0	13,515
0	88	DIVISIONAL SECURITY - 2015 SC	CW	S3	04	720	0	0	0	0	720	0	720	С) (0	0	720	C	0	0	0	0	720
0	89	FACILITY RENOVATION - 2015 SC	CW	S3	04	0	1,000	0	0	0	1,000	0	1,000	С) (0	0	1,000	C	0	0	0	0	1,000
0	90	DESIGNATED SUBSTANCE ABATEMENT - 2015 SC			02	100	100	0	0	0	200	0	200	C		0	0	200	C	0	0	0	0	200
0	91	PCS UPGRADES FOR WASTEWATER TREATMENT - 2015 SC		S3	04	-2,062	-2,320	774	1,480	4,893	2,765	50	2,815	С			0	2,815	C			0	0	2,815
0	92	NORTHLINE: BUILDING DEMO AND PAVING	CW		01	300	0	0	0	0	300	0	300	0			0	300	C			0	0	300
0	93	EMP MONITORING NEEDS-2015 SC	CW		04	-100	50	50	0	0	0	0		C			0	0	C			0	0	0
0	94	DISTRICT OPERATIONS FACILITY UPGRADES	CW		04	0	0	0	0	0	2 420	3,900	3,900				0	3,900	C			0	0	3,900
0	95	DIVISIONAL SECURITY - BACKLOG Sub-total	CW	S6	04	4,110	5,255	7,949	8,010	7,623	2,120 32,947	3,025 15,100	5,145 48,047	0				5,145				0		5,145 48,047
						4,110	0,200	7,545	0,010	7,023	32,347	15,100	40,047	, ·		, 0		40,047		, 0		-		40,047
WAS	906958	SEWER SYSTEM REHABILITATION																						
0	2	Group 2 & 3 Sewage P.S. Upgrades	CW	S2	03	34	0	0	0	0	34	0	34	С) () 3	0	31	C	0	0	0	0	34
0	5	CCTV Inspection	CW	S2	03	1,000	1,000	0	0	0	2,000	0	2,000	C) (0	0	2,000	C	0	0	0	0	2,000
0	7	10 Year Sewer Rehabilitation	CW		03	0	0	6,000	45,000	50,000	101,000	295,103	396,103	С				396,103	C			0	0	396,103
0	8	SPS SCADA UPGRADES - ENGINEERING		S2		600	13	12	0	0	625	0		C				575	C			0	0	625
0	9	SEWER REHABILITATION		S2	03	22,111	37,700	37,700	0	0	97,511	0	97,511	C			0	97,511	C			0	0	97,511
0	23	SEWAGE PUMPING STATION STANDBY POWER		S2		810	0	0	0	0	810	0	810	0				745	C			0	0	810
0	24	GROUP 5 SEWAGE PUMPING STATION CAPACITY UPGRADES		S2		3,250	6,250	5,250	4,020	20	18,790	0	,	C		,-		17,276	C	0	0	0	0	18,790
0	67	GROUPS 2,3&4 SEWAGE PS UPGRADES - 2015 SC		S3	03	754	0	0	0	0	754	0	754		. () 60	0	694	C) 0	0	0	0	754
0	68	SEWAGE PUMPING STATION STANDBY POWER - 2015 SC				-688	252	0	0	0	-436	0	-436		. () -35	0	-401	C) 0	0	0	0	-436
	69	GROUP 5 SEWAGE PUMPING STATION UPGRADES - 2015 SC		S3		-2,216	-2,000	1,050		3,645	2,759	1,056	3,815					-,-					0	3,815
	70	CCTV INSPECTION-2015 SC		S3		200	200	0	0	0	400	0		C				400					0	400
U	71	SPS SCADA UPGRADES - ENGINEERING-2015 SC	CW	S3	υ4	0	487	0	0	0	487	0	487	C) () 39	0	448	С	0	0	0	0	487

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Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

							Curre	ent and Fu	ıture Year	Cash Flo	w Commitm	nents			Cui	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	d By			
<u>Su</u> Pri		oject No. Project Name bProj No. Sub-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 - Recoverab	e _{Tot}	
WA	S906958	SEWER SYSTEM REHABILITATION																							
0	72	SEWER REHABILITATION-2015 SC	CW	S3	03	8,942	-4,080	-13,600	4,500	0	-4,238	0	-4,238	О	C	0	0	-4,238	0	0	C)	0) -4	4,238
0	73	LATERAL REHAB- 2015 SC	CW	S3	03	271	0	0	0	0	271	0	271	О	C	0	0	271	0	0	C)	0	0	271
		Sub-total				35,068	39,822	36,412	55,800	53,665	220,767	296,159	516,926	0	C	2,001	0	514,925	0	0	(0	0	0 516,	i,926
WA	S906960	STREAM RESTORATION & EROSION CO	ONTRC		Ī																				
0	1	HIGHLAND CREEK STREAM RESTORATION	CW	S2	04	1,000	0	0	0	0	1,000	0	1,000	О	C	80	0	920	0	0	C)	0	0 1,	1,000
0	5	10 Year Stream Restoration - All Districts	CW	S6	03	0	0	5,160	5,310	10,160	20,630	54,950	75,580	o	C	6,082	0	69,498	0	0	C)	0	75	5,580
0	7	STREAM RESTORATION	CW	S2	03	7,533	5,370	2,500	310	160	15,873	790	16,663	o	C	1,342	0	15,321	0	0	C)	0	0 16	6,663
0	26	STREAM RESTORATION-CRITICAL LOCATIONS	CW	S2	03	500	0	0	0	0	500	0	500	o	C	0	0	500	0	0	C)	0	0	500
0	27	HIGHLAND CREEK STREAM RESTORATION - 10 YEAR	CW	S6	03	0	0	0	1,000	1,000	2,000	5,000	7,000	o	C	567	0	6,433	0	0	C)	0) 7	7,000
0	28	STREAM RESTORATION CRITICAL LOCAITONS - 10 YR	CW	S6	03	0	0	0	500	500	1,000	2,500	3,500	o	C	280	0	3,220	0	0	C)	0	0 3	3,500
0	34	HIGHLAND CREEK STREAM RESTORATION - 2015 SC	CW	S3	04	-1,000	0	0	0	0	-1,000	0	-1,000	O	C	-80	0	-920	0	0	C)	0	0 -1,	1,000
0	35	STREAM RESTORATION - 2015 SC	CW	S3	03	4,828	1,525	2,389	1,716	1,655	12,113	-740	11,373	O	C	914	0	10,459	0	0	C)	0	0 11,	1,373
0	36	STREAM RESTORATION - CRITICAL LOCATIONS - 2015 SC	CW	S3	03	-500	0	0	0	0	-500	0	-500	o	C	0	0	-500	0	0	C)	0	0 -	-500
0	37	WATERCOURSE EROSION CONTROL	CW	S6	04	0	0	0	0	0	0	3,000	3,000	O	C	242	0	2,758	0	0	C)	0	3	3,000
		Sub-total				12,361	6,895	10,049	8,836	13,475	51,616	65,500	117,116	0	C	9,427	0	107,689	0	0	(0	0	0 117,	7,116
WA	S906964	CONVEYANCE CONTROLS - REPLC & F	REHAB																						
0	18	COATSWORTH CUT - PHASE 1 WATER QUALITY IMP	CW	S2	04	64	0	0	0	0	64	0	64	o	C	0	0	64	0	0	C)	0	0	64
0	28	COATSWORTH CUT PHASE 1 WATER QUALITY IMP-2015 SC	CW	S3	04	-20	0	0	0	0	-20	0	-20	0	C	0	0	-20	0	0	C)	0)	-20
		Sub-total				44	0	0	0	0	44	0	44	0	C	0	0	44	0	0	(0	0	٥	44
WA	S906966	SWM TRCA FUNDING																							
0	8	10 Year TRCA Funding	CW	S6	04	0	4,171	4,275	4,382	4,491	17,319	24,200	41,519	o	C	3,342	0	38,177	0	0	C)	0	0 41	1,519
0	18	TORONTO WATER TRANSFER TO TRO CAPITAL - 2015 SC	A CW	S3	04	4,069	0	0	0	0	4,069	0	4,069	О	C	327	0	3,742	0	0	C)	0	0 4	4,069
		Sub-total				4,069	4,171	4,275	4,382	4,491	21,388	24,200	45,588	0	C	3,669	0	41,919	0	0	(0	0	0 45,	5,588
WA	S906968	B ENGINEERING																							
0	2	CONSULTING FEES	CW	S2	03	5,298	5,874	5,912	5,445	4,160	26,689	5,016	31,705	o	C	0	0	31,705	0	0	()	0	0 31	1,705
ı					•	•					•		•												

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							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cui	rrent and Fu	ıture Year	Cash Flov	w Commi	tments F	inanced	Ву		
Sub Pric		<u>oject No.</u> <u>Project Name</u> oProj No. Sub-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	De Recov Debt		Total Financing
WAS	906968	ENGINEERING																						
0	54	ROAD RESTORATION - 2015 SC	CW	S3	03	1,400	1,249	0	0	0	2,649	0	2,649	0	C	0	0	2,649	0	0	0	0	0	2,649
0	55	CONSULTING FEES - 2015 SC	CW	S3	03	2,127	2,182	-867	-2,792	-3,909	-3,259	-3,950	-7,209	О	C	0	0	-7,209	0	0	0	0	0	-7,209
0	56	ECS SALARIES - 2015 SC	CW	S3	03	12,199	0	0	0	0	12,199	0	12,199	О	C	0	0	12,199	0	0	0	0	0	12,199
		Sub-total				21,024	9,305	5,045	2,653	251	38,278	1,066	39,344	0	C	0	0	39,344	0	0	0	0	0	39,344
WAS	906973	SEWER REPLACEMENT PROGRAM																						
0	3	10 Year Sewer Replacement	CW	S6	03	0	25,000	35,000	40,000	45,000	145,000	270,000	415,000	o	C	16,699	0	398,301	0	0	0	0	0	415,000
0	24	SEWAGE FORCEMAIN REPLACEMENT	CW	S2	03	1,662	0	0	0	0	1,662	0	1,662	О	C	0	0	1,662	0	0	0	0	0	1,662
0	25	SEWER REPLACEMENT 2012	CW	S2	03	2,122	0	0	0	0	2,122	0	2,122	О	C	0	0	2,122	0	0	0	0	0	2,122
0	35	SEWER REPLACMENT - 2013 PROGRAM	1 CW	S2	03	3,204	0	0	0	0	3,204	0	3,204	О	C	259	0	2,945	0	0	0	0	0	3,204
0	36	SEWER REPLC - 2014 PROGRAM	CW	S2	03	13,580	2,000	0	0	0	15,580	0	15,580	О	C	0	0	15,580	0	0	0	0	0	15,580
0	37	FORCEMENT REPLACEMENT - 10 YEAR	CW	S6	03	0	500	2,000	2,000	2,000	6,500	10,000	16,500	О	C	0	0	16,500	0	0	0	0	0	16,500
0	44	COXWELL TRUNK EMERGENCY REPAIR	cw	S2	03	1,559	0	0	0	0	1,559	0	1,559	o	C	0	0	1,559	0	0	0	0	0	1,559
0	46	WATERFRONT STORMWATER INFRASTRUCTURE	CW	S2	04	2,750	0	0	0	0	2,750	0	2,750	o	C	1,544	0	1,206	0	0	0	0	0	2,750
0	47	WATERFRONT SANITARY SERVICING INFRASTRUCTURE	CW	S2	04	3,561	0	0	0	0	3,561	0	3,561	0	C	2,324	0	1,237	0	0	0	0	0	3,561
0	52	SEWER REPLACEMENT - METROLINX	CW	S2	03	2,245	1,608	1,096	603	0	5,552	0	5,552	0	C	0	0	5,552	0	0	0	0	0	5,552
0	59	FORCEMAIN REPLACEMENT - 2015 SC	CW	S3	03	-1,000	1,505	5	0	0	510	0	510	0	C	0	0	510	0	0	0	0	0	510
0	60	SEWER REPLC - 2014 PROGRAM - 2015 SC	CW	S3	03	-3,593	104	0	0	0	-3,489	0	-3,489	0	C	0	0	-3,489	0	0	0	0	0	-3,489
0	61	SEWER REPLACEMENT - METROLINX - 2015 SC	CW	S3	03	-2,188	-1,551	804	1,297	1,786	148	0	148	O	C	0	0	148	0	0	0	0	0	148
0	62	SEWER REPLC - 2015 PROGRAM	CW	S4	03	10,635	6,732	5,491	0	0	22,858	0	22,858	0	C	1,840	0	21,018	0	0	0	0	0	22,858
0	63	2012 SEWER REPLC-2015 SC	CW	S3	03	-803	1,279	0	0	0	476	0	476	o	C	0	0	476	0	0	0	0	0	476
0	64	2013 SEWER REPLC-2015 SC	CW	S3	03	-1,844	517	0	0	0	-1,327	0	-1,327	o	C	-108	0	-1,219	0	0	0	0	0	-1,327
0	65	WATERFRONT STORMWATER INFRASTRUCTURE - 2015 SC	CW	S3	04	6,500	4,000	0	0	0	10,500	0	10,500	О	C	7,121	0	3,379	0	0	0	0	0	10,500
0	66	WATERFRONT SANITARY SERVICING INFR - 2015 SC	CW	S3	04	7,439	4,020	0	0	0	11,459	0	11,459	0	C	7,498	0	3,961	0	0	0	0	0	11,459

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					Ì		Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year	Cash Flo	w Commitm	nents F	inanced	Ву		
Sub		ject No. Project Name		. .	0.1	0045	0040	0047	0040	0040	Total	Total	Total	Provincial Grants and	Federal	Development Charges	Reserves	Reserve	Capital from		0.1.0	Reco	ebt - overable	Total
		Proj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	110001100	runus	Current Ot	tner 1	Other2	Debt		Financing
	<u>906973</u> 67	SEWER REPLACEMENT PROGRAM COXWELL EMERGENCY TRUNK REPAIR 2015 SC	- CW	S3	03	-1,383	54	0	0	0	-1,329	0	-1,329	0) 0	0	0	-1,329	0	0	0	0	0	-1,329
		Sub-total				44,446	45,768	44,396	43,900	48,786	227,296	280,000	507,296	0	0	37,177	0	470,119	0	0	0	0	0	507,296
WAS	906980	ASHBRIDGES BAY T.P. YR2006																						
0	8	MEDIATION AGREEMENT IMPLEMENTATION - PART 2	CW	S2	04	25	0	0	0	0	25	0	25	O	0	2	0	23	0	0	0	0	0	25
0	9	DEWATERING EQUIPMENT UPGRADES	CW	S2	03	2,030	2,226	0	0	0	4,256	0	4,256	0	0	343	0	3,913	0	0	0	0	0	4,256
0	36	DEWATERING EQUIPMENT UPGRADES-2015 SC	CW	S3	03	-1,220	-1,716	1,049	0	0	-1,887	0	-1,887	0	0	-153	0	-1,734	0	0	0	0	0	-1,887
0	37	MEDIATION AGREEMENT IMPLEMENTATION- 2015 SC	CW	S3	04	-25	0	0	0	0	-25	0	-25	0	0	-2	0	-23	0	0	0	0	0	-25
		Sub-total				810	510	1,049	0	0	2,369	0	2,369	0	0	190	0	2,179	0	0	0	0	0	2,369
WAS	906981	HIGHLAND CREEK WWTP UPGRADES																						
0	1	PROCESS & FACILITY UPGRADE	CW	S2	04	2,780	1,323	610	620	620	5,953	459	6,412	0	0	0	0	6,412	0	0	0	0	0	6,412
0	3	BIOSOLIDS TREATMENT UPGRADES	CW	S2	03	10,892	20,650	20,081	9,150	30	60,803	0	60,803	0	0	4,917	0	55,886	0	0	0	0	0	60,803
0	5	TRANSFORMERS AND SWITCHGEAR	CW	S2	05	0	1,000	1,250	1,690	1,200	5,140	0	5,140	0	0	414	0	4,726	0	0	0	0	0	5,140
0	7	MECH & ELECTRICAL UPGRADE ENGINEERING	CW	S2	03	1,467	57	0	0	0	1,524	0	1,524	0	0	0	0	1,524	0	0	0	0	0	1,524
0	8	DIGESTER GAS SYSTEM UPGRADES	CW	S2	03	1,785	4,950	4,680	50	0	11,465	0	11,465	0	0	0	0	11,465	0	0	0	0	0	11,465
0	16	MECH SYSTEMS UPGRADES - CONSTR	CW	S2	03	731	0	0	0	0	731	0	731	0	0	0	0	731	0	0	0	0	0	731
0	23	ELECTRICAL UPGRADES-ECAR	CW	S2	03	2,357	3,135	590	2,720	4,800	13,602	0	13,602	0	0	0	0	13,602	0	0	0	0	0	13,602
0	31	ELEC SYSTEM UPGRADES - CONSTR	CW	S2	03	1,076	0	0	0	0	1,076	0	1,076	0	0	0	0	1,076	0	0	0	0	0	1,076
0	32	CEPA COMPLIANCE - CL NOTICE - HCTF	CW	S2	02	2,050	300	0	0	0	2,350	0	2,350	0	0	0	0	2,350	0	0	0	0	0	2,350
0	80	DIGESTER CLEANING, REHAB AND IMPROVEMENTS #4-7	CW	S2	03	2,704	0	0	0	0	2,704	0	2,704	0	0	0	0	2,704	0	0	0	0	0	2,704
0	83	PLANT FIRM CAPACITY - CONCEPT DESIGN	CW	S2	03	25	0	0	0	0	25	0	25	0	0	0	0	25	0	0	0	0	0	25
0	84	TRANSFORMERS AND SWITCHGEAR - 2015 SC	CW	S3	05	0	-500	-750	-1,190	800	-1,640	14,000	12,360	0	0	994	0	11,366	0	0	0	0	0	12,360
0	85	MECH SYSTEM UPGRADES - CONSTR - 2015 SC	CW	S3	03	-681	762	0	0	0	81	0	81	0	0	0	0	81	0	0	0	0	0	81
0	86	CEPA COMPLIANCE - CL NOTICE - HCTP 2015 SC	- CW	S3	02	-2,000	150	2,000	0	0	150	0	150	0	0	0	0	150	0	0	0	0	0	150
0	87	DIGESTER CLEANING, REHAB AND IMPRO #4-7 - 2015 SC	CW	S3	03	-1,690	1,500	1,300	0	0	1,110	0	1,110	0	0	0	0	1,110	0	0	0	0	0	1,110

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					ĺ		Curre	ent and Fu	iture Year	Cash Flov	w Commitm	nents			Cur	rent and Fu	ıture Year	Cash Flo	w Comm	itments F	inanced	Ву		
<u>Sub-</u> Priori		ect No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal (Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recovera Debt		Total Financing
WAS9	06981	HIGHLAND CREEK WWTP UPGRADES																						
0	90	PROCESS IMPROVEMENTS (ROADMAP FOR RCM)	CW	S4	03	50	150	50	0	0	250	0	250	0	0	0	0	250	0	0	0	0	0	250
0	91	PROCESS, EQUIPMENT, FACILITY UPGRADES	CW	S4	03	555	735	125	0	0	1,415	0	1,415	0	0	0	0	1,415	0	0	0	0	0	1,415
0	92	PLANT WIDE CONCRETE TUNNEL REPAIR	CW	S4	03	600	2,650	4,150	3,600	1,400	12,400	0	12,400	0	0	0	0	12,400	0	0	0	0	0	12,400
0	94	PROCESS & FACILITY UPGRADE-2015 SC	CW	S3	04	8	787	340	55	107	1,297	509	1,806	0	0	0	0	1,806	0	0	0	0	0	1,806
0	95	BIOSOLIDS TREATMENT UPGRADES -2015 SC	CW	S3	03	-530	-2,260	-13,986	-9,030	90	-25,716	70	-25,646	0	0	-2,073	0	-23,573	0	0	0	0	0	-25,646
0	96	MECH & ELECTRICAL UPGRADE ENGINEERING-2015 SC	CW	S3	03	-1,299	1,521	45	0	0	267	0	267	0	0	0	0	267	0	0	0	0	0	267
0	97	ELEC SYSTEM UPGRADES - CONSTR-2015 SC	CW	S3	03	-776	1,383	0	0	0	607	0	607	0	0	0	0	607	0	0	0	0	0	607
0	98	DIGESTER GAS SYSTEM UPGRADES-2015 SC	CW	S3	03	-710	-375	-80	-40	0	-1,205	0	-1,205	0	0	0	0	-1,205	0	0	0	0	0	-1,205
0	99	ELECTRICAL UPGRADES - ECAR-2015 SC	CW	S3	03	63	-556	0	0	0	-493	0	-493	0	0	0	0	-493	0	0	0	0	0	-493
0	100	PLANT FIRM CAPACITY - CONCEPT DESIGN-2015 SC	CW	S3	03	0	25	0	0	0	25	0	25	0	0	0	0	25	0	0	0	0	0	25
0	101	AERATION SYSTEM AND ASSOCIATED BUILDING UPGRADES	CW	S6	04	0	2,500	3,500	3,500	3,500	13,000	6,500	19,500	0	0	0	0	19,500	0	0	0	0	0	19,500
0	102	LIQUID TRAIN - ENGINEERING	CW	S4	03	200	4,100	5,500	6,500	8,600	24,900	15,480	40,380	0	0	0	0	40,380	0	0	0	0	0	40,380
0	103	LIQUID TRAIN - CONSTRUCTION	CW	S6	04	0	0	0	0	10,000	10,000	96,000	106,000	0	0	0	0	106,000	0	0	0	0	0	106,000
0	104	PROCESS & FACILITY UPGRADE - FUTURE	CW	S6	03	0	0	0	250	250	500	1,250	1,750	0	0	0	0	1,750	0	0	0	0	0	1,750
0	105	LIQUID TRAIN REPAIRS - PHASE 2	CW	S6	03	0	0	0	0	0	0	34,700	34,700	0	0	0	0	34,700	0	0	0	0	0	34,700
		Sub-total				19,657	43,987	29,405	17,875	31,397	142,321	168,968	311,289	0	0	4,252	0	307,037	0	0	0	0	0	311,289
WAS9	06982	HUMBER WWTP UPGRADES																						
0	2	Chlorine Building Upgrade	CW	S2	01	3,066	25	25	0	0	3,116	0	3,116	0	0	0	0	3,116	0	0	0	0	0	3,116
0	5	FLOOD PROTECTION	CW	S2	02	250	0	0	0	0	250	0	250	0	0	0	0	250	0	0	0	0	0	250
0	6	NEW SUBSTATION	CW	S2	03	2,080	3,015	0	0	0	5,095	0	5,095	0	0	0	0	5,095	0	0	0	0	0	5,095
0	7	ELECTRICAL CONDITION ASSESSMENT RECOMMENDATIONS	CW	S2	01	2,129	3,525	2,425	2,250	1,750	12,079	1,750	13,829	0	0	0	0	13,829	0	0	0	0	0	13,829
0	8	NEW GROUNDSKEEPING BUILDING and RAS Control Room	CW	S2	01	350	0	0	0	0	350	0	350	0	0	0	0	350	0	0	0	0	0	350
0	29	ADMIN BUILDING EXPANSION	CW	S2	04	350	400	0	0	0	750	0	750	0	0	0	0	750	0	0	0	0	0	750
0	52	HVAC UPGRADES	CW	S2	03	3,950	1,620	20	10	0	5,600	0	5,600	0	0	0	0	5,600	0	0	0	0	0	5,600

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							Curre	ent and Fu	ture Year	Cash Flov	v Commitn	nents			Cui	rent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Sub Prio		ct No. Project Name Proj No. Sub-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	Rec	ebt - overable	Total Financing
		HUMBER WWTP UPGRADES																						
0	68	ADMIN BUILDING EXPANSION	CW	S6	04	0	0	0	0	3,075	3,075	5,380	8,455	0) (0	0	8,455	0	0	0	0	0	8,455
0	73	ADMIN BUILDING EXPANSION - 2015 SC	CW	S3	04	-250	-150	300	100	260	260	310	570	О) C	0	0	570	0	0	0	0	0	570
0	74 I	HVAC UPGRADES - 2015 SC	CW	S3	03	-3,400	3,064	3,337	8	3	3,012	0	3,012	o) C	0	0	3,012	0	0	0	0	0	3,012
0	75 I	HYDRAULIC ASSESSMENT	CW	S4	03	50	200	0	0	0	250	0	250	0) C	0	0	250	0	0	0	0	0	250
0	76	CHLORINE FACILITY UPGRADE-2015 SC	CW	S3	01	-19	914	9	0	0	904	0	904	0) C	0	0	904	0	0	0	0	0	904
0		ELECTRICAL CONDITION ASSESSMENT 2015 SC	CW	S3	01	-1,057	-2,357	2,518	650	-750	-996	-1,750	-2,746	0) C	0	0	-2,746	0	0	0	0	0	-2,746
0	78 1	NEW SUBSTATION-2015 SC	CW	S3	03	668	-2,536	3	0	0	-1,865	0	-1,865	0) C	0	0	-1,865	0	0	0	0	0	-1,865
0		NEW GROUNDSKEEPING BUILDING-2015 SC	5 CW	S3	01	850	227	0	0	0	1,077	0	1,077	О) C	0	0	1,077	0	0	0	0	0	1,077
0	80 I	FLOOD PROTECTION-2015 SC	CW	S3	02	-250	0	0	0	0	-250	0	-250	O) (0	0	-250	0	0	0	0	0	-250
0	81 I	BLOWER REPLACEMENT	CW	S6	03	0	100	200	750	4,700	5,750	12,700	18,450	O) (0	0	18,450	0	0	0	0	0	18,450
0	82 I	DIGESTERS CLEANING REHAB	CW	S6	03	0	0	410	825	825	2,060	2,050	4,110	O) C	0	0	4,110	0	0	0	0	0	4,110
0	83 I	ELECTRICAL UPGRADES - FUTURE	CW	S6	01	0	550	900	500	400	2,350	500	2,850	O) C	0	0	2,850	0	0	0	0	0	2,850
0		DIGESTER CLEANING & REHAB - FUTURE	CW	S6	03	0	0	0	0	0	0	3,075	3,075	0) С	0	0	3,075	0	0	0	0	0	3,075
0		BUILDING UPGRADES ENGINEERING- 2015 SC	CW	S3	03	370	60	10	0	0	440	0	440	0) C	0	0	440	0	0	0	0	0	440
		Sub-total				9,137	8,657	10,157	5,093	10,263	43,307	24,015	67,322	0	C	0	0	67,322	0	0	0	0	0	67,322
WAS	906994 I	HIGHLAND CREEK WWTP - SOLIDS & GA	S HA																					
0		HCTP BIOSOLIDS IMPLEMENTATION - ENGINEERING	CW	S2	04	4,300	3,000	3,000	3,000	2,000	15,300	500	15,800	О) C	1,270	0	14,530	0	0	0	0	0	15,800
0		WAS THICKENING AND DEWATERING CONSTR	CW	S2	03	3,000	4,047	0	0	0	7,047	0	7,047	O) C	568	0	6,479	0	0	0	0	0	7,047
0		HCTP -BIOSOLID IMPLEMENTATION - CONSTRUCTION	CW	S6	04	0	0	1,000	25,000	40,000	66,000	68,000	134,000	O) C	5,392	0	128,608	0	0	0	0	0	134,000
0		HIGHLAND CREEK WWTP - BMP MPLEMENTATION - 2015 SC	CW	S3	04	-3,654	100	1,050	-1,500	1,000	-3,004	4,000	996	0) C	81	0	915	0	0	0	0	0	996
0	14 \	WAS THICKENING - CONSTR-2015 SC	CW	S3	03	-2,900	-47	0	0	0	-2,947	0	,	0			0	-2,709	0				0	-2,947
		Sub-total				746	7,100	5,050	26,500	43,000	82,396	72,500	154,896	0	C	7,073	0	147,823	0	0	0	0		154,896
WAS	907038 <u>I</u>	and Acquisition for Source Water Protect																						
0	9	FRCA CRITICAL EROSION - FUTRE	CW	S6	04	О	2,000	2,000	2,000	2,000	8,000	10,000	18,000	0) C	1,449	0	16,551	0	0	0	0	0	18,000

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Gross Expenditures (\$000's)
Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

Αŗ	pend	dix 3: Council Approved Cap	ıtal B	udg	et; 2	2016 to 2	024 Cap	oital Pla	an															
Wa	astew	ater Program																						
							Curr	ent and Fu	iture Year	Cash Flor	w Commitn	nents			Cui	rrent and Fu	ıture Yeaı	r Cash Flo	w Comm	itments	Financed	I Ву		
<u>Su</u> Pri		oject No. Project Name ubProj No. Sub-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	Deb Recove Debt		Total Financing
_		8 Land Acquisition for Source Water Protect												Cubbialou	· · ·									
0	13	TRCA - CRITICAL EROSION SITES	CW	S2	04	7,000	0	0	0	0	7,000	0	7,000	c) 0	564	0	6,436	0) (0 0	0	0	7,000
0	14	TRCA - SCARBOROUGH WATERFRONT TRAIL EA - 2015 SC	CW	S3	04	1,500	0	0	0	0	1,500	0	1,500	C) 0	0	0	1,500	0) (0 0	0	0	1,500
0	15	TRCA - WATERCOURSE EROSION CONTROL	CW	S6	04	0	5,000	6,000	6,000	7,500	24,500	40,500	65,000	С) 0	1,744	0	19,923	0		0 43,333	3 0	0	65,000
		Sub-total				8,500	7,000	8,000	8,000	9,500	41,000	50,500	91,500	0	0	3,757	0	44,410	0	, (0 43,333	3 0	0	91,500
WA	S90709	7 ASHBRIDGES BAY WWTP - BUILDING S	<u>ERVIC</u>																					
0	7	CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEMENT	32	S2	02	270	0	0	0	0	270	0	270	С	0	0	0	270	0) (0 0	0	0	270
0	19	CITY IMPROVEMENTS RE: TH COGEN	CW	S2	04	1,050	1,300	2,500	2,200	1,000	8,050	50	8,100	c) 0	0	0	8,100	0) (0 0	0	0	8,100
0	21	BLOWER BLDG AND OLD NORTH SUBSTAION IMPROVEMENTS	CW	S2	04	2,647	2,805	60	0	0	5,512	0	5,512	C	0	0	0	5,512	0) (0 0	0	0	5,512
0	40	GROVE LANDSCAPING PH1	CW	S6	04	0	0	0	0	0	0	2,000	2,000	c) 0	0	0	2,000	0) (0 0	0	0	2,000
0	50	CONTROLLED SUBS IDENTIFICATION&ABATEMENT-2015SC	CW	S3	02	-170	100	0	0	0	-70	0	-70	C) 0	0	0	-70	0) (0 0	0	0	-70
0	51	CITY IMPROVEMENTS RE: TH COGEN - 2015 SC	CW	S3	04	-900	-400	-1,200	-200	-950	-3,650	0	-3,650	c) 0	0	0	-3,650	0) (0 0	0	0	-3,650
0	52	CONTROLLED SUBSTANCE IDENTIFICATION&ABATEMENT - FY	CW	S6	03	0	0	100	100	100	300	500	800	С) 0	0	0	800	0) (0 0	0	0	800
0	53	BLOWER BLDG & OLD NORTH SUBSTATION IMPRO-2015 SC	CW	S3	04	-1,947	-1,045	1,890	1,095	10	3	0	3	C) 0	0	0	3	0) (0 0	0	0	3
		Sub-total				950	2,760	3,350	3,195	160	10,415	2,550	12,965	0	0	0	0	12,965	0) (0 0	0	0	12,965
WA	S90709	8 ASHBRIDGES BAY WWTP - EFFLUENT S	SYSTE																					
0	1	ABTP DISINFECTION ENGINEERING	CW	S2	02	1,899	3,500	4,410	1,610	889	12,308	250	12,558	С	0	1,012	0	11,546	0) (0 0	0	0	12,558
0	2	OUTFALL CONSTRUCTION	CW	S6	02	0	0	0	10,000	75,000	85,000	242,000	327,000	C	0	13,158	0	313,842	0) (0 0	0	0	327,000
0	13	ABTP OUTFALL ASSESSMENT	CW	S2	02	1,300	0	0	0	0	1,300	0	1,300	c) 0	105	0	1,195	0) (0 0	0	0	1,300
0	14	OUTFALL ENGINEERING	CW	S4	02	100	7,000	7,000	1,400	5,000	20,500	12,800	33,300	c) 0	2,679	0	30,621	0) (0 0	0	0	33,300
0	15	ABTP DISINFECTION CONSTRUCTION	CW	S6	02	0	100	39,900	70,000	60,000	170,000	15,500	185,500	c) 0	7,464	0	178,036	0) (0 0	0	0	185,500
0	21	DISINFECTION ENGINEERING - 2015 SC	c cw	S3	02	-1,149	210	929	390	61	441	40	481	c) 0	37	0	444	0	, (0 0	0	0	481
0	22	OUTFALL ASSESSMENT - 2015 SC	CW	S3	02	-1,290	1,020	0	0	0	-270	0	-270	С) 0	-22	0	-248	0) (0 0	0	0	-270
		Sub-total				860	11,830	52,239	83,400	140,950	289,279	270,590	559,869	0	0	24,433	0	535,436	0	(0 0	0 0	0	559,869
WA	S90709	9 ASHBRIDGES BAY WWTP - LIQUID TRE	ATME1																					
0	1	FINE BUBBLE AERATION IMPLEMENTATION	CW	S2	03	9,500	8,000	0	0	0	17,500	0	17,500	C	0 0	1,409	0	16,091	0) (0 0	0	0	17,500

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						-		Curre	ent and Fu	ture Year	Cash Flov	v Commitn	nents			Cur	rent and F	uture Year	Cash Flo	w Commi	itments F	inanced	Ву		
Sub	- Pro	ject No. Project Name										Total	Total	Total	Provincial	Fodorol -			Reserve	Capital from			Debt Recover		Total
		Proj No. Sub-project Na	me V	Vard	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Grants and Subsidies	Subsidy	Development Charges	Reserves		Current	Other 1	Other2		20.0	Total Financing
WAS	907099	ASHBRIDGES BAY WWTP	- LIQUID TREAT	ME1																					
0	2	PRIMARY TREATMENT UP DESIGN & CONST CONT #		CW	S6	04	0	0	0	0	100	100	61,000	61,100	0	0	2,458	0	58,642	0	0	0	0	0	61,100
0	3	PRIMARY TREATMENT UP #1	GRADE CONT	CW	S2	03	25,175	29,500	33,500	28,000	0	116,175	0	116,175	0	0	9,336	0	106,839	0	0	0	0	0	116,175
0	5	FINE BUBBLE AERATION (CONT#2	CONSTR	CW	S6	03	0	0	200	1,000	10,000	11,200	129,000	140,200	0	0	5,641	0	134,559	0	0	0	0	0	140,200
0	6	M & T PUMPING STATION REPAIRS	CRITICAL	CW	S2	03	5,250	2,670	0	0	0	7,920	0	7,920	0	0	0	0	7,920	0	0	0	0	0	7,920
0	7	Primary and Secondary Tan	ks Rehabilitation	CW	S2	03	1,900	600	0	0	0	2,500	0	2,500	0	0	201	0	2,299	0	0	0	0	0	2,500
0	10	INTERGRATED PUMPING ENGINEERING	STATION -	CW	S2	03	4,500	7,050	7,050	7,000	6,500	32,100	14,733	46,833	0	0	0	0	46,833	0	0	0	0	0	46,833
0	12	WORK AREA 1 REHAB		CW	S2	03	2	0	0	0	0	2	0	2	0	0	0	0	2	0	0	0	0	0	2
0	39	INTEGRATED PUMPING S'CONSTRUCTION	TATION -	CW	S2	03	0	10,000	35,000	45,000	45,000	135,000	190,000	325,000	0	0	0	0	325,000	0	0	0	0	0	325,000
0	57	INTEGRATED PUMPING S' ENG - 2015 SC	TATION (IPS) -	CW	S3	03	-1,550	-2,400	-2,000	-1,000	-500	-7,450	5,267	-2,183	0	0	0	0	-2,183	0	0	0	0	0	-2,183
0	58	WORK AREA 1 REHAB - 20	15 SC	CW	S3	03	0	2	0	0	0	2	0	2	0	0	0	0	2	0	0	0	0	0	2
0	59	Primary and Final Tank Upg	rades - 2015 SC	CW	S3	03	1,000	-5	0	0	0	995	0	995	0	0	81	0	914	0	0	0	0	0	995
0	60	M & T PUMPING STATION REPAIRS - 2015 SC	CRITICAL	CW	S3	03	-1,050	3,000	0	0	0	1,950	0	1,950	0	0	0	0	1,950	0	0	0	0	0	1,950
0	61	FINE BUBBLE AERATION - SC	TANK #2-2015	CW	S3	03	-2,700	-7,630	0	0	0	-10,330	0	-10,330	0	0	-832	0	-9,498	0	0	0	0	0	-10,330
0	62	P BLDG HEADWORKS UPOSC	GRADE-2015	CW	S3	03	555	5,500	-8,500	-12,869	0	-15,314	0	-15,314	0	0	-1,218	0	-14,096	0	0	0	0	0	-15,314
0	63	INTEGRATED PUMPING S' CONS-2015 SC	TATION (IPS) -	CW	S3	03	0	-9,000	-10,000	0	0	-19,000	19,000	0	0	0	0	0	0	0	0	0	0	0	0
		Sub-total					42,582	47,287	55,250	67,131	61,100	273,350	419,000	692,350	0	0	17,076	0	675,274	0	0	0	0	0	692,350
WAS	907100	ASHBRIDGES BAY WWTP	- SOLIDS & GAS	S HA		ŀ																		一	
0	3	WASTE ACTIVATED SLUDGENGINEERING	GE UPGRADE -	CW	S2	03	2,680	5,000	2,500	2,000	2,000	14,180	2,100	16,280	0	0	1,310	0	14,970	0	0	0	0	0	16,280
0	4	DIGESTERS 9-12 REFURB	ISHMENT	CW	S2	03	800	11,000	11,010	8,310	40	31,160	30	31,190	0	0	2,509	0	28,681	0	0	0	0	0	31,190
0	8	BIOSOLIDS PELLETIZER F	RETROFIT	CW	S2	03	400	0	0	0	0	400	0	400	0	0	0	0	400	0	0	0	0	0	400
0	22	WASTE ACTIVATED SLUD CONSTRUCTION	GE UPGRADE -	CW	S6	03	0	0	5,000	15,000	20,000	40,000	45,000	85,000	0	0	3,422	0	81,578	0	0	0	0	0	85,000
0	25	PELLETIZER TRUCK LOAD UPGRADES	DING FACILITY	CW	S2	03	1,450	0	0	0	0	1,450	0	1,450	0	0	0	0	1,450	0	0	0	0	0	1,450
0	31	WASTE ACTIVATED SLUDGENG - 2015 SC	GE UPGRADE -	CW	S3	03	-1,180	-3,000	2,096	0	0	-2,084	2,000	-84	0	0	-6	0	-78	0	0	0	0	0	-84
0	33	DIGESTERS 9-12 REFURB	ISH-2015 SC	CW	S3	03	-200	-10,400	940	2,390	4,670	-2,600	5,730	3,130	0	0	252	0	2,878	0	0	0	0	0	3,130
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CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

· · · · ·	water i rogiam																					
					Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cui	rent and F	uture Year	Cash Flo	w Commi	tments F	inanced I	Зу		
	Project No. Project Name SubProj No. Sub-project Name W	ard Sta	t. 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	Deb Recove Debt		Total Financing
	100 ASHBRIDGES BAY WWTP - SOLIDS & GAS I											Oubsidies										
0 34	PELLETIZER TRUCK LOADING FACILITY UPGRADES-2015 SC		03	-950	725	500	500	0	775	0	775	0	0	0	0	775	0	0	0	0	0	775
0 35	BIOSOLIDS PELLETIZER RETROFIT- 2015 SC	CW S3	03	0	400	0	0	0	400	0	400	О	0	0	0	400	0	0	0	0	0	400
	Sub-total Sub-total			3,000	3,725	22,046	28,200	26,710	83,681	54,860	138,541	0	0	7,487	0	131,054	0	0	0	0	0	138,541
WAS9071	01 ASHBRIDGES BAY WWTP - O&M UPGRADE	<u>s</u>																				
0 5	PROCESS & EQUIP UPGRADES	CW S2	03	69	0	0	0	0	69	0	69	О	0	0	0	69	0	0	0	0	0	69
0 6	MESI UPGRADES	CW S2	03	3,490	0	0	0	0	3,490	0	3,490	O	0	0	0	3,490	0	0	0	0	0	3,490
0 7	MISC MECH REHAB	CW S2	03	5,600	6,000	0	0	0	11,600	0	11,600	O	0	0	0	11,600	0	0	0	0	0	11,600
0 21	MESI UPGRADES - FUTURE YEAR	CW S6	03	0	0	0	2,500	2,500	5,000	10,000	15,000	0	0	0	0	15,000	0	0	0	0	0	15,000
0 22		CW S3		-3,499	500	3,000	0	0	1	0	1	0				1	0	0		0	0	1
0 23		CW S3		0	57	0	0	0	57	0	57	0				57	0	0		0	0	57
0 24	MESI UPGRADES - 2015 SC	CW S3	03	-390	3,100	2,500	0	0	5,210	0	5,210	0	0	0	0	5,210	0	0	0	0	Ű	5,210
	Sub-total			5,270	9,657	5,500	2,500	2,500	25,427	10,000	35,427	0	0	0	0	35,427	0	0	0	0	0	35,427
WAS9071	02 ASHBRIDGES BAY WWTP - ODOUR CONTR	OL																				
0 6	BIOFILTERS UPGRADE	CW S2	03	7,054	8,742	6,122	0	0	21,918	0	21,918	o	0	1,764	0	20,154	0	0	0	0	0	21,918
0 13	D BUILDING TREATMENT & BIOFILTER	CW S2	03	1,613	0	0	0	0	1,613	0	1,613	O	0	130	0	1,483	0	0	0	0	0	1,613
0 32	BIOFILTERS UPGRADE & REPLACEMENT - 2015 SC	CW S3	03	-4,611	2,800	2,278	122	0	589	0	589	O	0	48	0	541	0	0	0	0	0	589
0 33	D BUILDING TREATMENT & BIOFILTER-2015 SC	CW S3	03	-1,413	1,145	0	0	0	-268	0	-268	o	0	-22	0	-246	0	0	0	0	0	-268
	Sub-total			2,643	12,687	8,400	122	0	23,852	0	23,852	0	0	1,920	0	21,932	0	0	0	0	0	23,852
WAS9071	104 HUMBER WWTP - LIQUID TREATMENT & HA	<u>ANI</u>																				
0 2	SECONDARY TREATMENT UPGRADES	CW S2	03	8,593	3,491	3,225	3,112	3,930	22,351	800	23,151	o	0	21	0	23,130	0	0	0	0	0	23,151
0 17	SECONDARY TREATMENT UPGRADES - NORTH PLANT	CW S6	03	0	0	0	0	150	150	20,850	21,000	0	0	845	0	20,155	0	0	0	0	0	21,000
0 18	SECONDARY TREATMENT UPGRADES -2015 SC	CW S3	03	537	2,643	800	488	-348	4,120	3,075	7,195	O	0	2,422	0	4,773	0	0	0	0	0	7,195
0 19	SOUTH - CONS	CW S4	03	200	20,000	45,000				84,800	240,000	0		19,322		220,678	0			0	0	
	Sub-total			9,330	26,134	49,025	48,600	48,732	181,821	109,525	291,346	0		22,610	0	268,736	0	0	0	0	0	291,346
WAS9071	HUMBER WWTP - O&M UPGRADES																					
ı																						

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Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

	ater i rogiami																						
						Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cui	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
	oject No. Project Name ubProj No. Sub-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	De Recov Debt		Total Financing
	5 HUMBER WWTP - O&M UPGRADES																						
0 1	Digester 7 & 8 Upgrades & Cogen Upgrade	s CW	S2	03	12,217	3,804	0	0	0	16,021	0	16,021	c) C	0	0	16,021	0) 0	0	0	0	16,021
0 2	LIQUID STREAM UPGRADES	CW	S2	03	250	0	0	0	0	250	0	250	c) (20	0	230	0	0	0	0	0	250
0 27	GAS COMPRESSOR SYSTEM UPGRADES-2015 SC	CW	S3	03	-2,633	2,073	4,850	0	0	4,290	0	4,290	С) C	0	0	4,290	0	0	0	0	0	4,290
0 28	LIQUID STREAM UPGRADES-2015 SC	CW	S3	03	-250	0	0	0	0	-250	0	-250	С) C	-20	0	-230	0) 0	0	0	0	-250
	Sub-total				9,584	5,877	4,850	0	0	20,311	0	20,311	0	С	0	0	20,311	0) 0	0	0	0	20,311
WAS90710	6 HUMBER WWTP - ODOUR CONTROL																						
0 1	Odour Control Implementation Phase 1	CW	S2	02	15,000	20,000	20,000	5,000	0	60,000	0	60,000	C) C	4,829	0	55,171	0	0	0	0	0	60,000
0 11	ODOUR CONTROL IMPLEMENTATION - PHASE 1-2015 SC	CW	S3	02	17,730	-8,250	-16,615	-5,000	0	-12,135	0	-12,135	С) C	-977	0	-11,158	0	0	0	0	0	-12,135
	Sub-total				32,730	11,750	3,385	0	0	47,865	0	47,865	0	C	3,852	0	44,013	0	0	0	0	0	47,865
WAS90722	SEWAGE PUMPING STATION UPGRADE	<u>S</u>																					
0 1	SPS UPGRADES	CW	S2	02	7,302	2,050	400	0	0	9,752	0	9,752	С) C	785	0	8,967	0	0	0	0	0	9,752
0 2	SCOTT STREET PS UPGRADES	CW	S2	05	20	0	0	0	0	20	0	20	С) C	2	0	18	0	0	0	0	0	20
0 4	SUNNYSIDE AND MARYPORT SPS UPGRADES	CW	S2	03	1,137	2	0	0	0	1,139	0	1,139	С) C	91	0	1,048	0) 0	0	0	0	1,139
0 18	SPS UPGRADES -GROUP 6&7	CW	S6	02	0	190	640	3,700	9,550	14,080	31,650	45,730	С) C	1,841	0	43,889	0) 0	0	0	0	45,730
0 22	SUNNYSIDE SPS REHAB - 2015 SC	CW	S3	03	443	1	3	0	0	447	0	447	С) C	36	0	411	0	0	0	0	0	447
0 23	SCOTT ST PS -2015 SC	CW	S3	05	-6	64	0	0	0	58	0	58	С) () 4	0	54	0) 0	0	0	0	58
0 24	SPS UPGRADES-2015 SC	CW	S3	02	-331	1,679	-400	0	0	948	0	948	С) C	76	0	872	0	0	0	0	0	948
	Sub-total				8,565	3,986	643	3,700	9,550	26,444	31,650	58,094	0	C	2,835	0	55,259	0) 0	0	0	0	58,094
WAS90755	9 DON & WATERFRONT TRUNK CSO																						
0 1	DON & WATERFRONT TRUNK/CSO PKG - DESIGN	1 CW	S2	04	6,989	11,697	10,347	10,347	11,000	50,380	5,800	56,180	С) C	4,521	0	51,659	0	0	0	0	0	56,180
0 3	DON AND WATERFRONT TRUNK/CSO - PKG 1 - CONST	CW	S6	04	0	0	0	23,000	46,000	69,000	138,000	207,000	С) C	8,330	0	198,670	0	0	0	0	0	207,000
0 4	DON & WATERFRONT CSO/TRUNK - PKC 2 - CONST	G CW	S6	04	0	0	0	0	1,000	1,000	158,500	159,500	c) (6,418	0	153,082	0	0	0	0	0	159,500
0 8	Don & Waterfront Trunk/CSO CONS - BEYOND 2021	CW	S6	04	0	0	0	0	0	0	106,000	106,000	С) (4,266	0	101,734	0	0	0	0	0	106,000
0 10	Don&Waterfront Trunk/CSO Design PH1-2015 SC	CW	S3	04	-839	904	-6,347	-4,801	-5,820	-16,903	16,047	-856	С) C	-68	0	-788	0	0	0	0	0	-856
	Sub-total				6,150	12,601	4,000	28,546	52,180	103,477	424,347	527,824	0	C	23,467	0	504,357	0) 0	0	0	0	527,824

CITY OF TORONTO

Gross Expenditures (\$000's) Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

						Curre	ent and Fu	ture Year	Cash Flor	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Commi	itments I	Financed	Ву		
Sub- Project No. Project PrioritySubProj No. Sub-pro		/ard s	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	Deb Recove Debt		Total Financing
WAS907700 NORTH TORONTO	WTP UPGRADES																						
0 2 NTTP-ELECTRICA	L UPGRADES	CW	S2	01	915	777	522	253	0	2,467	0	2,467	C) (0	0	2,467	0	(0	0	0	2,467
0 8 NTTP - ELECTRIC 2015 SC	AL UPGRADES - ECAR -	CW	S3	01	-913	-25	-22	-3	0	-963	0	-963	C) (0	0	-963	0	C	0	0	0	-963
Sub-to	otal			Ī	2	752	500	250	0	1,504	0	1,504	0	(0	0	1,504	0	C	0	0	0	1,504
WAS908143 Georgetown South	City Infrastructure Upgrade	es																					
0 1 Georgetown South Upgrades	City Infrastructure	CW	S4	05	5,680	0	0	0	0	5,680	0	5,680	C) (0	0	5,680	0	C	0	0	0	5,680
0 2 Georgetown South Upgrades -FY	City Infrastructure	CW	S6	05	0	5,680	5,680	5,680	5,680	22,720	0	22,720	C) (0	0	22,720	0	C	0	0	0	22,720
Sub-to	otal			Ī	5,680	5,680	5,680	5,680	5,680	28,400	0	28,400	0	(0	0	28,400	0	C	0	0	0	28,400
WASWP003 EMERY CREEK PO	DND			İ																			
0 1 EMERY CREEK PO	OND	CW	S2	04	5,412	550	0	0	0	5,962	0	5,962	C) () 478	0	5,484	0	C	0	0	0	5,962
0 13 EMERY CREEK PO	OND - 2015 SC	CW	S3	04	-1,512	523	0	0	0	-989	0	-989	C) (-78	0	-911	0	C	0	0	0	-989
Sub-to	otal			Ī	3,900	1,073	0	0	0	4,973	0	4,973	0	(400	0	4,573	0	C	0	0	0	4,973
WASWP050 EQUIPMENT REP	LACEMENT & REHABILITA	ATIC		İ																			
0 35 MTI REAL TIME C	ONTROL	CW	S2	04	0	0	2,000	2,000	0	4,000	0	4,000	() (0	0	4,000	0	C	0	0	0	4,000
1 78 North Primaries Pu	mping Equipment	CW	S2	03	2,900	2,330	1,155	0	0	6,385	0	6,385	C) (0	0	6,385	0	C	0	0	0	6,385
0 127 EQUIPMENT REP	LACEMENT-2015 SC	CW	S3	03	-2,520	2,340	2,065	1,890	20	3,795	30	3,825	C) (0	0	3,825	0	(0	0	0	3,825
0 128 REHAB OF SOUTI CLARIFIERS- 2015		CW	S3	03	6	188	0	0	0	194	0	194	C) (0	0	194	0	C	0	0	0	194
Sub-to	otal			Ī	386	4,858	5,220	3,890	20	14,374	30	14,404	0	(0	0	14,404	0	C	0	0	0	14,404
Total Program Expend	liture				466,685	567,970	648,009	782,627	876,184	3,341,475	3,953,972	7,295,447	0	(287,916	0	6,964,198	0	(43,333	0	0	7,295,447

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Report 7C

Report Phase 5 - Program 11 Wastewater Program Program Phase 5 - Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 3: Council Approved Capital Budget; 2016 to 2024 Capital Plan

Wastewater Program

_																	
	C	urrent and	Future Ye	ar Cash Fl	ow Comn	nitments aı	nd Estimate	s		Curren	t and Future Yea	r Cash Flow 0	Commitme	nts and	Estimates	Financed By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name Ward Stat. Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	0 1 11	evelopment Charges Rese	Reserve erves Funds		Other 1	Other2	Debt - Recoveral Debt	le Total Financing
Financed By:																	
Development Charges	31,598	29,887	25,144	25,808	29,725	142,162	145,754	287,916	_ c	0	287,916	0 () (0 0	0	0 287,916
Reserve Funds (Ind."XR" Ref.)	435,087	534,750	618,865	752,819	841,459	3,182,980	3,781,218	6,964,198	C	0	0	0 6,964,198	3 0		0 0	0	0 6,964,198
Other2 (External)	0	3,333	4,000	4,000	5,000	16,333	27,000	43,333	l c	0	0	0 () (0 43,333	0	0 43,333
Total Program Financing	466,685	567,970	648,009	782,627	876,184	3,341,475	3,953,972	7,295,447	0	0	287,916	0 6,964,198	3 C		0 43,333	0	0 7,295,447

Status Code Description S2

S3

S2 Prior Year (With 2015 and\or Future Year Cashflow)

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 Legislated C02 02

State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05 Reserved Category 1 C06 07 Reserved Category 2 C07

Appendix 4

2015 Cash Flow and Future Year Commitments

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Wat	er Pr	ogram																							
								Curre	ent and F	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and Fu	ıture Year	Cash Flo	w Comn	nitments I	inanced	Ву		
	ritySub		Sub-project Name V	Vard	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 Recove Debt		Total Financing
WAT	000004	HORGAN	W.T.P. EXPANSION																						
0	2	PLANT E ADMIN	XPANSION - DESIGN & CONSTR	CW	S2	05	940	0	0	0	0	940	0	940	С	(300	0	339		0 (301	0	0	940
1	5	PLANT E	XPANSION - CONSTRUCTION	CW	S2	05	975	0	0	0	0	975	0	975	c	(312	0	351		0 (312	0	0	975
0	18	SUPERN INSTALL	ATANT AND FORCEMAIN ATION	CW	S2	05	4,500	0	0	0	0	4,500	0	4,500	c	(1,438	0	3,062		0 0	0	0	0	4,500
0	32	SUPERN	ATANT & FORCEMAIN-2015 SC	CW	S3	05	-2,000	4,500	0	0	0	2,500	0	2,500	С	(799	0	1,701		0 0	0	0	0	2,500
0	33	PLANT E ADMIN-2	XPANSION - DESIGN & CONSTR 015 SC	CW	S3	05	-562	0	0	0	0	-562	0	-562	С	(-179	0	-203		0 0	-180	0	0	-562
0	34		XPANSION - CUCTION-2015 SC	CW	S3	05	-357	764	0	0	0	407	0	407	С	(130	0	147		0 0	130	0	0	407
			Sub-total				3,496	5,264	0	0	0	8,760	0	8,760	0	(2,800	0	5,397	1	0 0	563	0	0	8,760
WAT	000014	WATER	STORAGE EXPANSION			İ																			
0	1	DUFFER CONT. A	IN RES. EXT DESIGN AND DMIN	CW	S2	05	5	0	0	0	0	5	0	5	С	(3	0	2		0 0	0	0	0	5
0	2	Milliken F	S and Reservoir - Engineering	CW	S2	05	70	0	0	0	0	70	0	70	c	() 29	0	15		0 (26	0	0	70
0	48	DUFFER ADMIN -	IN RES. EXT DESIGN&CONT. 2015 SC	CW	S3	05	45	0	0	0	0	45	0	45	C	(28	0	17		0 (0	0	0	45
0	49	MILLIKEI PS&RES	N ERVOIR-DESIGN&CONT&ADMIN	CW	S3	05	77	0	0	0	0	77	0	77	С	(32	0	16		0 0	29	0	0	77
			Sub-total				197	0	0	0	0	197	0	197	0	(92	0	50		0 0	55	0	0	197
WAT	000018	CLARK F	RESIDUE MGMT. FACILITIES																					\neg	
0	24	RESIDU	ALS RETROFITS & UPGRADES	CW	S2	02	380	450	0	0	0	830	0	830	c	(0	0	830		0 (0	0	0	830
0	27	RESIDU/ - 2015 S0	ALS RETROFITS AND UPGRADES	CW	S3	02	0	500	0	0	0	500	0	500	С	(0	0	500		0 (0	0	0	500
			Sub-total			Ì	380	950	0	0	0	1,330	0	1,330	0	(0	0	1,330		0 0	0	0	0	1,330
WAT	000021	WATER I	EFFICIENCY PROGRAM																					\dashv	
0	10	ICI INDO	OR WATER AUDIT	CW	S2	05	300	300	300	0	0	900	0	900	c	(900	0	0		0 (0	0	0	900
0	11	PUBLIC	EDUCATION & PROMOTIONS	CW	S2	05	150	150	150	0	0	450	0	450	C	(450	0	0		0 (0	0	0	450
0	12	ANCILLA	RY COSTS	CW	S2	05	70	70	70	0	0	210	0	210	c	(210	0	0		0 (0	0	0	210
			Sub-total				520	520	520	0	0	1,560	0	1,560	0	(1,560	0	0	-	0 (0	0	0	1,560
WAT	000340	ISLAND	PLANT WINTERIZATION																					\dashv	
0	1		/INTERIZATION & RIZATION	CW	S2	04	444	0	0	0	0	444	0	444	C	(0	0	444		0 (0	0	0	444

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

						Curre	ent and F	uture Year	Cash Flo	w Commitn	nents			Cui	rrent and F	uture Year	Cash Flow	Commitr	nents F	inanced	Bv		
																		apital			Deb		
	roject No. Project Name ubProj No. Sub-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 f	rom	Other 1	Other2	Recove	rable	Total Financing
	10 ISLAND PLANT WINTERIZATION																					\neg	
0 14	PLANT WINTERIZATION & SUMMERIZATION-2015 SC	CW	S3	04	-388	515	0	0	0	127	0	127	С) 0	0	0	127	0	0	0	0	0	127
	Sub-total				56	515	0	0	0	571	0	571	0	0	0	0	571	0	0	0	0	0	571
WAT00036	83 ENGINEERING STUDIES																					+	
0 2	IMPROVED TREATMENT STUDIES	CW	S2	04	413	50	0	0	0	463	0	463	С	0	0	0	463	0	0	0	0	0	463
0 18	Controlled Substances ID and Abatement	CW	S2	02	200	0	0	0	0	200	0	200	c) 0	0	0	200	0	0	0	0	0	200
0 31	ENERGY EFFICIENCY IMPLEMENTATION	1 CW	S2	04	106	0	0	0	0	106	0	106	c) 0	0	0	106	0	0	0	0	0	106
0 38	CORROSION CONTROL	CW	S2	02	1,401	0	0	0	0	1,401	0	1,401	c) 0	85	0	1,316	0	0	0	0	0	1,401
0 58	CONTROLLED SUBSTANCES ID AND ABATEMENT - 2015 SC	CW	S3	02	0	68	70	60	0	198	0	198	C	0	0	0	198	0	0	0	0	0	198
0 59	CORROSION CONTROL - 2015 SC	CW	S3	02	-552	404	0	0	0	-148	0	-148	C) 0	-8	0	-140	0	0	0	0	0	-148
0 60	IMPROVED TREATMENT STUDIES - 2018 SC	5 CW	S3	04	27	157	50	0	0	234	0	234	C) 0	0	0	234	0	0	0	0	0	234
0 61	ENERGY EFFICIENCY IMPLEMENTATION-2015 SC	CW	S3	04	52	100	0	0	0	152	0	152	С	0	0	0	152	0	0	0	0	0	152
	Sub-total				1,647	779	120	60	0	2,606	0	2,606	0	0	77	0	2,529	0	0	0	0	0	2,606
WAT90633	BUSINESS SYSTEM INFRASTRUCTURE	- PW																					
0 7	NETWORK EQUIPMENT REPLACEMENT	CW	S2	03	1,545	0	0	0	0	1,545	0	1,545	С) 0	0	0	1,545	0	0	0	0	0	1,545
0 8	NETWORK CABLE LIFECYCLE REPLACEMENT	CW	S2	03	5,816	2,866	11	0	0	8,693	0	8,693	c) 0	0	0	8,693	0	0	0	0	0	8,693
0 9	TRUNK RADIO SYSTEM	CW	S2	04	0	200	100	0	0	300	0	300	С) 0	0	0	300	0	0	0	0	0	300
0 12	PCS LEGACY ALARM IMPROVEMENT	CW	S2	04	1,350	0	0	0	0	1,350	0	1,350	С) 0	0	0	1,350	0	0	0	0	0	1,350
0 23	RELIABILITY IMPROVEMENT PROGRAM	CW	S2	04	200	0	0	0	0	200	0	200	С) 0	0	0	200	0	0	0	0	0	200
0 41	BUSINESS & TECH IMPROVEMENT - PHASE 2	CW	S2	04	2,732	1,720	1,047	792	0	6,291	0	6,291	c) 0	0	0	6,291	0	0	0	0	0	6,291
0 42	WTP WS PLC PLATFORM UPGRADE AND PCS IMPROVEMENTS	O CW	S2	04	3,727	240	760	0	0	4,727	0	4,727	C	0	0	0	4,727	0	0	0	0	0	4,727
0 63	NETWORK CABLE LIFE CYCLE REPLACEMENT - 2015 SC	CW	S3	03	-4,281	-1,032	2,039	1,500	0	-1,774	0	-1,774	С) 0	0	0	-1,774	0	0	0	0	0	-1,774
0 64	RELIABILITY IMPROVEMENT PROGRAM 2015 SC	- CW	S3	04	685	885	0	0	0	1,570	0	1,570	c) 0	0	0	1,570	0	0	0	0	0	1,570
0 65	SCADA UPGRADES FOR WWT - 2015 SC	cw.	S3	04	-125	1,644	3,358	4,918	6,715	16,510	7,560	24,070	С) 0	0	0	24,070	0	0	0	0	0	24,070
0 66	PCS UPGRADES FOR WATER SUPPLY - 2015 SC	CW	S3	04	-1,657	1,044	-541	0	0	-1,154	0	-1,154	C	0	0	0	-1,154	0	0	0	0	0	-1,154

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Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							Curre	ent and Fu	uture Year	Cash Flor	w Commitn	nents			Cui	rent and F	uture Year	Cash Flo	w Commi	tments F	inanced	Ву		
Sub Prio		i <u>ect No.</u> <u>Project Name</u> Proj No. Sub-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 - Recovera Debt	able	Total Financing
WAT	906334	BUSINESS SYSTEM INFRASTRUCTURE	- PW																					
0	67	SCADA UPGRADES FOR WWT - II	CW	S4	04	501	415	400	600	350	2,266	0	2,266	0	C	0	0	2,266	0	0	0	0	0	2,266
0	68	NETWORK EQUIPMENT LIFE CYCLE REPLACEMENT-2015 SC	CW	S3	03	-1,165	38	0	0	0	-1,127	0	-1,127	0	C	0	0	-1,127	0	0	0	0	0	-1,127
0	69	PCS LEGACY ALARM IMPROVEMENT -2015 SC	CW	S3	04	-600	600	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0
0	70	TRUNK RADIO SYSTEM - HYDRO PARTNERSHIP	CW	S4	03	1,600	0	0	0	0	1,600	0	1,600	0	C	0	0	1,600	0	0	0	0	0	1,600
0	71	TRUNK RADIO SYSTEM- 2015 SC	CW	S3	04	0	0	0	250	750	1,000	530	1,530	0	C	0	0	1,530	0	0	0	0	0	1,530
		Sub-total				10,328	8,620	7,174	8,060	7,815	41,997	8,090	50,087	0	C	0	0	50,087	0	0	0	0	0	50,087
WAT	906340	METERING & METER READING SYS																					\exists	
0	2	AUTOMATED METER READING SYSTEM	и cw	S2	04	45,656	44,675	5,000	0	0	95,331	0	95,331	0	C	0	0	95,331	0	0	0	0	0	95,331
0	14	AUTOMATED METER READING SYSTEM 2015 SC	И- CW	S3	04	-18,736	-14,308	-2,485	0	0	-35,529	0	-35,529	0	C	0	0	-35,529	0	0	0	0	0	-35,529
		Sub-total				26,920	30,367	2,515	0	0	59,802	0	59,802	0	C	0	0	59,802	0	0	0	0	0	59,802
WAT	06467	AVENUE ROAD TRUNKMAIN REPLACEM	<u>//ENT</u>																				\forall	
0	2	AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWRENCE	CW	S2	03	1,310	2,000	0	0	0	3,310	0	3,310	0	C	1,668	0	1,023	0	0	619	0	0	3,310
0	6	JOS-AVENUE RD WM ENG-HI LEVEL-LAWRENCE	CW	S2	03	39	0	0	0	0	39	0	39	0	C	20	0	12	0	0	7	0	0	39
0	25	JOS-AVENUE RD WM ENG-HI LEVEL-LAWRENCE - 2015 SC	CW	S3	03	0	90	0	0	0	90	0	90	0	C	45	0	28	0	0	17	0	0	90
0	26	JOS-AVENUE RD WM CONS-HI LEVEL-LAWRENCE - 2015 SC	CW	S3	03	-995	-1,000	0	0	0	-1,995	0	-1,995	0	C	-1,005	0	-617	0	0	-373	0	0	-1,995
		Sub-total				354	1,090	0	0	0	1,444	0	1,444	0	C	728	0	446	0	0	270	0	0	1,444
WAT	06468	HORGAN TRUNK MAIN EXPANSION																						
0	1	JOS - HORGAN TO ELLESMERE WM - ENGINEERING	CW	S2	05	402	850	850	500	10	2,612	10	2,622	0	C	997	0	775	0	0	850	0	0	2,622
0	3	HORGAN TO ELLESMERE - CONSTRUCTION	CW	S2	05	500	6,000	18,000	18,000	17,500	60,000	3,000	63,000	0	C	23,910	0	18,639	0	0	20,451	0	0	63,000
0	41	JOS - HORGAN TO ELLESMERE WM - ENG - 2015 SC	CW	S3	05	498	250	50	100	40	938	40	978	0	C	370	0	290	0	0	318	0	0	978
0	42	JOS - HORGAN TO ELLESMERE WM - CONS - 2015 SC	CW	S3	05	-500	-1,000	12,000	8,000	-15,500	3,000	-3,000	0	0	C	1	0	0	0	0	-1	0	0	0
		Sub-total				900	6,100	30,900	26,600	2,050	66,550	50	66,600	0	C	25,278	0	19,704	0	0	21,618	0	0	66,600
WAT	06470	ISLAND W.T.P. R&R																					\top	
0	8	CHEMICAL & RESIDUALS MNGT - ENG	CW	S2	02	700	550	250	250	250	2,000	250	2,250	0	C	0	0	2,250	0	0	0	0	0	2,250
0	11	CHEMICAL & RESIDUALS MANAGMENT CONST	CW	S4	02	150	1,850	7,000	7,000	7,000	23,000	2,000	25,000	0	C	1,521	0	23,479	0	0	0	0	0	25,000

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Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Water Program

Report Phase 5 - Program 10 Water Program Program Phase 5

,,,	ter i i	ogram																						
							Curre	ent and Fu	ıture Year	Cash Flor	w Commitn	nents			Cu	rrent and Fu	uture Year	Cash Flo	w Commi	tments	Finance	d By		
<u>Sub</u> Prio		<u>oject No.</u> <u>Project Name</u> bProj No. Sub-project Name	Vard	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 - ecoverable	Total Financing
WAT	906470) ISLAND W.T.P. R&R																						
0	27	CHEMICAL & RESIDUALS MANAGMENT ENG - 2015 SC	CW	S3	02	-131	130	235	0	0	234	-190	44	С	C	0	0	44	0	() (0	0 0	44
		Sub-total				719	2,530	7,485	7,250	7,250	25,234	2,060	27,294	0	(1,521	0	25,773	0	()	0	0 (27,294
WAT	906471	FJ HORGAN W.T.P. R&R																						
0	24	HVAC REHAB & SCRUBBER ENGINEERING	CW	S4	03	84	0	0	0	0	84	0	84	С	(0	0	84	0	() (0	0 (84
		Sub-total				84	0	0	0	0	84	0	84	0	(0	0	84	0	()	0	0 (84
WAT	906481	DISTRICT WATERMAINS - NEW																						
0	1	DIST W/MAINS NEW	CW	S2	05	350	500	0	0	0	850	0	850	С	(0	0	850	0	() (0	0 0	850
0	13	DIST W/MAINS NEW - 2015 SC	CW	S3	05	-248	0	0	0	0	-248	0	-248	С	(602	0	-850	0	() (0	0 0	-248
		Sub-total				102	500	0	0	0	602	0	602	0	C	602	0	0	0	()	0	0 (602
WAT	906483	B PW ENGINEERING																						
0	2	CAPITAL PRGMG & FACILITY ASSET PLANNING	CW	S2	03	992	0	0	0	0	992	0	992	c	(0	0	992	0	() (0	0 0	992
0	5	WATERMAIN ASSET PLANNING	CW	S2	03	1,409	460	360	160	0	2,389	0	2,389	С	(597	0	1,792	0	() (0	0 0	2,389
0	7	EASEMENT ACQUISITION	CW	S2	04	175	0	0	0	0	175	0	175	С	(0	0	175	0	() (0	0 (175
0	22	WATER LOSS REDUCTION STRATEGY	CW	S2	03	588	700	1,000	1,000	1,000	4,288	0	4,288	C	(0	0	4,288	0	() (0	0 (4,288
0	49	CAPITAL PROG & FACILITY ASSET PLANNING - 2015 SC	CW	S3	03	220	1,669	1,800	500	0	4,189	0	4,189	С	(0	0	4,189	0	() (0	0 (4,189
0	50	WATERMAIN ASSET PLANNING - 2015 SC	CW	S3	03	-493	525	325	-25	0	332	0	332	С	C	83	0	249	0	() (0	0 0	332
0	51	EASEMENT ACQUISITION - 2015 SC	CW	S3	04	125	300	0	0	0	425	0	425	c	(0	0	425	0	() (0	0 0	425
0	52	JOS UPDATE PHASE II	CW	S4	05	500	1,000	500	0	0	2,000	0	2,000	C	(0	0	2,000	0	() (0	0 0	2,000
0	54	WATER LOSS REDUCTION STRATEGY-2015 SC	CW	S3	03	-126	-130	300	0	0	44	0	44	С	(0	0	44	0	() (0	0 (44
		Sub-total				3,390	4,524	4,285	1,635	1,000	14,834	0	14,834	0	(680	0	14,154	0	()	0	0 (14,834
WAT	906749	DOWNTOWN W/M ENHANCEMENT																						
0	1	JOS - GERRARD ST WM - ENGINEERING	CW	S2	03	378	15	7	0	0	400	0	400	c	(79	0	16	0	(30	5	0 0	400
0	4	JOS - GERRARD ST WM - CONSTRUCTION	CW	S2	03	13,920	7,000	0	0	0	20,920	0	20,920	С	(4,165	0	757	0	(15,99	8	0 (20,920
0	38	JOS - GERRARD ST WM - CONSTRUCTION -2015 SC	CW	S3	03	-2,736	806	0	0	0	-1,930	0	-1,930	С	(-384	0	-69	0	(-1,47	7	0 (-1,930

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Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

						Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	iture Year	Cash Flow	/ Commit	ments F	inanced	Ву		
Sub Prio		<u>oject No. Project Name</u> bProj No. Sub-project Name	Ward Stat	t Cat	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds (Capital from Current	Other 1	Other2	Deb Recove Debt		Total Financing
		DOWNTOWN W/M ENHANCEMENT	vvara Otal	ı. Oat.	20.0	20.0			20.0	2010 2010		2010 2024	Subsidies	Cascia,					04.101	00.2	2001		1 manoing
0		JOS - GERRARD ST WM - ENGINEERING 2015 SC	G- CW S3	03	370	0	0	0	0	370	0	370	0	0	74	0	13	0	0	283	0	0	370
		Sub-total			11,932	7,821	7	0	0	19,760	0	19,760	0	0	3,934	0	717	0	0	15,109	0	0	19,760
WAT	906752	TRANSMISSION R&R																					
0	49	TRUNK WATERMAIN REHAB	CW S2	03	250	0	0	0	0	250	0	250	0	0	0	0	250	0	0	0	0	0	250
0	51	CAST IRON TRUNK REPLC - PHASE 2	CW S2	03	5,088	2,510	264	0	0	7,862	0	7,862	0	0	0	0	7,862	0	0	0	0	0	7,862
0	52	CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	CW S2	03	600	600	800	700	460	3,160	980	4,140	0	0	0	0	4,140	0	0	0	0	0	4,140
0	63	TRUNK WATERMAIN REHAB - 2015 SC	CW S3	03	445	545	0	0	0	990	0	990	0	0	0	0	990	0	0	0	0	0	990
0	64	CAST IRON TRUNK REPLC - PHASE 2 - 2015 SC	CW S3	03	4,154	2,539	2,156	113	30	8,992	0	8,992	0	0	0	0	8,992	0	0	0	0	0	8,992
0	65	CAST IRON TRUNK REPLC - PHASE 3 - ENG - 2015 SC	CW S3	03	350	700	200	-575	-385	290	-980	-690	0	0	0	0	-690	0	0	0	0	0	-690
0	67	TRANSF & SW`GEAR REPLACMENT DESIGN -2015 SC	CW S3	03	165	0	0	0	0	165	0	165	0	0	0	0	165	0	0	0	0	0	165
		Sub-total			11,052	6,894	3,420	238	105	21,709	0	21,709	0	0	0	0	21,709	0	0	0	0	0	21,709
WAT	906900	TRANSMISSION R&R																					
0	1	TRANS FACILITIES REHAB	CW S2	03	150	0	0	0	0	150	0	150	0	0	0	0	150	0	0	0	0	0	150
0	6	ELLESMERE P.S. UPGRADE	CW S2	05	25	525	0	0	0	550	0	550	0	0	127	0	75	0	0	348	0	0	550
0	26	SCARBOROUGH PS - PUMP REPLC	CW S2	03	550	0	0	0	0	550	0	550	0	0	0	0	550	0	0	0	0	0	550
0	27	EGLINTON PS -PUMP REPLC	CW S2	03	2,250	0	0	0	0	2,250	0	2,250	0	0	0	0	2,250	0	0	0	0	0	2,250
0	36	ST CLAIR RESERVOIR REHAB/WATER QUALITY PROTECTION	CW S2	03	5,250	500	0	0	0	5,750	0	5,750	0	0	0	0	5,750	0	0	0	0	0	5,750
0	37	TRANS FACILITIES REHAB - 2015 SC	CW S3	03	90	475	135	25	0	725	0	725	0	0	0	0	725	0	0	0	0	0	725
0	38	ELLESMERE P.S. UPGRADE - 2015 SC	CW S3	05	-25	-500	525	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	39	SCARBOROUGH PS - PUMP REPLC - 2015 SC	CW S3	03	-95	120	0	0	0	25	0	25	0	0	0	0	25	0	0	0	0	0	25
0	40	EGLINTON PS - PUMP REPLC - 2015 SC	CW S3	03	-383	458	0	0	0	75	0	75	0	0	0	0	75	0	0	0	0	0	75
0	41	ST CLAIR RES REHAB/WATER QUALITY PROTECTION-2015SC	CW S3	03	1,910	10,043	5,485	353	7	17,798	0	17,798	0	0	0	0	17,798	0	0	0	0	0	17,798
0	48	ROSEHILL RESERVOIR	CW S4	03	600	8,000	7,500	500	0	16,600	0	16,600	0	0	0	0	16,600	0	0	0	0	0	16,600
0	49	DOWNSVIEW PS & CONNECTOR	CW S4	05	50	150	60	0	0	260	0	260	0	0	0	0	260	0	0	0	0	0	260

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Water Program

Report Phase 5 - Program 10 Water Program Program Phase 5

VVa	iler Fr	ogram																						
							Curr	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cui	rent and Fu	ıture Year	Cash Flo	w Commi	tments I	Financed	Ву		
<u>Sul</u> Pri		<u>oject No. Project Name</u> oProj No. Sub-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 Recover Debt	able	Total Financing
WA	906900	TRANSMISSION R&R																						
0	50	PARKDALE PS REHABILITATION	CW	S4	03	500	1,500	1,000	0	0	3,000	0	3,000	C	0	0	0	3,000	0	C	0	0	0	3,000
0	51	ROSEHILL PS REHAB	CW	S4	03	50	975	100	0	0	1,125	0	1,125	С	0	0	0	1,125	0	C	0	0	0	1,125
		Sub-total				10,922	22,246	14,805	878	7	48,858	0	48,858	0	0	127	0	48,383	0	C	348	0	0	48,858
WAT	906902	HARRIS W.T.P. R&R																						
0	2	BUILDING ENVELOPE REHAB	CW	S2	03	23	0	0	0	0	23	0	23	С	0	0	0	23	0	C	0	0	0	23
0	3	FACILITY & PROCESS UPGRADES	CW	S2	03	500	0	0	0	0	500	0	500	C	0	0	0	500	0	C	0	0	0	500
0	13	FILTER MEDIA REPLACEMENT PH2	CW	S2	03	80	150	0	0	0	230	0	230	C	0	0	0	230	0	C	0	0	0	230
0	21	HVAC REHAB - CONSTRUCTION		S2	03	1,676	1,000	250	0	0	2,926	0	2,926	C			0		0			0	0	2,926
0	29	HARRIS FILTERS REHABILITATION		S4	03	100	3,600	775	25	0	4,500	0	4,500	C	_		0		0	C		0	0	4,500
0	56 74	REHAB OF SETTLING BASIN ROOF & SLUICE GATES FILTER MEDIA UPGRADE - 2015 SC		S2 S3	03	11,016 -80	4,520 -150	0	0	0	15,536 -230	0	15,536 -230	C			0	·	0			0	0	15,536 -230
0	75	HVAC REHAB CONSTRUCTION - 2015 SI			03	-1,396	220	750	580	0	154	0	154	C	_		0		0			0	0	154
0	76	HARRIS DISINFECTION MODIFICATIONS	s - CW	S3	04	0	250	1,500	3,500	3,500	8,750	0	8,750	С	0	532	0	8,218	0	C	0	0	0	8,750
0	77	2015 SC REHAB OF SETTLING BASIN ROOF&SLUICE GATES -2015 SC	CW	S3	03	-5,541	6,089	8,110	2,103	7	10,768	0	10,768	C	0	0	0	10,768	0	C	0	0	0	10,768
0	79	EXTERIOR SECURITY LIGHTING UPGRADES	CW	S4	03	200	950	50	0	0	1,200	0	1,200	C	0	0	0	1,200	0	C	0	0	0	1,200
0	81	LIQUID CHEMICAL SYSTEM IMPROVEMENTS	CW	S4	04	100	320	200	0	0	620	0	620	C	0	0	0	620	0	C	0	0	0	620
0	82	PD2 OPTIMIZATION	CW	S4	03	500	90	0	0	0	590	0	590	C	0	0	0	590	0	C	0	0	0	590
0	83	FACILITY & PROCESS UPGRADES-2015 SC	CW	S3	03	-50	500	500	0	0	950	0	950	С	0	0	0	950	0	C	0	0	0	950
0	86	BUILDING ENVELOPE REHAB- 2015 SC	CW	S3	03	-10	13	0	0	0	3	0	3	C	0	0	0	3	0	C	0	0	0	3
0	87	LIQUID CHEMICAL SYSTEM RELOCATION- 2015 SC	CW	S3	04	8	20	0	0	0	28	0	28	C	0	0	0	28	0	C	0	0	0	28
0	88	TRAVELLING SCREEN REPLACEMENT	CW	S2	03	61	0	0	0	0	61	0	61	C			0		0			0	0	61
		Sub-total				7,187	17,572	12,135	6,208	3,507	46,609	0	46,609	0	0	532	0	46,077	0	С	0	0	0	46,609
WA	906903	FJ HORGAN W.T.P. R&R																						
0	5	FACILITY & PROCESS UPGRADES	CW	S2	03	1,579	350	0	0	0	1,929	0	1,929	С	0	0	0	1,929	0	C	0	0	0	1,929

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

	3																						
						Curr	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rrent and F	uture Year	Cash Flo	w Comm	itments F	inance	l Ву		
	oject No. Project Name ubProj No. Sub-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	Rec	Debt - overable	Total Financing
WAT906903	3 FJ HORGAN W.T.P. R&R																						
0 8	RAW WATER PUMP UPGRADES	CW	S2	03	540	0	0	0	0	540	0	540	О	0	0	0	540	0	0	C	0	0	540
0 15	REPLACEMENT OF MCCS	CW	S2	03	1,570	3,350	1,600	200	0	6,720	0	6,720	0	0	0	0	6,720	0	0	C	0	0	6,720
0 16	ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT	CW	S2	03	550	2,500	1,950	0	0	5,000	0	5,000	О	0	0	0	5,000	0	0	C	0	0	5,000
0 32	ELEC GROUNDING SYSTEM & BULK CHEM UNLOADING IMPRO	CW	S4	04	150	700	0	0	0	850	0	850	o	0	0	0	850	0	0	C	0	0	850
0 34	TREATED WATER PUMP UPGRADES	CW	S4	04	500	1,850	550	0	0	2,900	0	2,900	o	0	0	0	2,900	0	0	C	0	0	2,900
0 35	FACILITY & PROCESS UPGRADES-2015 SC	CW	S3	03	-906	810	300	0	0	204	0	204	o	0	0	0	204	0	0	C	0	0	204
0 36	REPLACEMENT OF MCCS-2015 SC	CW	S3	03	-1,120	-1,060	633	900	320	-327	149	-178	o	0	0	0	-178	0	0	C	0	0	-178
0 37	RAW WATER PUMP UGRADES-2015 SC	CW	S3	03	49	0	0	0	0	49	0	49	o	0	0	0	49	0	0	C	0	0	49
0 38	OFFSHORE CHLORINATION RELOCATION-2015 SC	CW	S3	03	-500	-2,000	550	1,950	0	0	0	0	О	0	0	0	0	0	0	C	0	0	0
0 39	ACCESS ROAD REPAVING	CW	S4	03	1,000	0	0	0	0	1,000	0	1,000	О	0	0	0	1,000	0	0	C	0	0	1,000
	Sub-total				3,412	6,500	5,583	3,050	320	18,865	149	19,014	0	0	0	0	19,014	0	0	(0 0	С	19,014
WAT90690	6 TRUNK WATERMAIN EXPANSION																						
0 25	JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG	CW	S2	05	1,000	550	400	0	0	1,950	0	1,950	o	0	934	0	573	0	0	443	3 0	0	1,950
0 65	JOS - WM Scar PS to St Clair&Midland EN - 2015 SC	IG CW	S3	05	-600	50	300	400	50	200	50	250	О	0	120	0	74	0	0	56	0	0	250
	Sub-total				400	600	700	400	50	2,150	50	2,200	0	0	1,054	0	647	0	0	499	9 0	С	2,200
WAT90691	4 SWITCH GEAR TRANSFORMER																						
0 13	INDOOR/OUTDOOR SWITCHGEAR (5 Stations Phase 3)	CW	S2	03	6,825	6,235	0	0	0	13,060	0	13,060	o	0	0	0	13,060	0	0	C	0	0	13,060
0 27	INDOOR/OUTDOOR SWITCHGEAR (PHASE 3) - 2015 SC	CW	S3	03	-1,825	-835	3,703	0	0	1,043	0	1,043	o	0	0	0	1,043	0	0	C	0	0	1,043
	Sub-total				5,000	5,400	3,703	0	0	14,103	0	14,103	0	0	0	0	14,103	0	0	(0	С	14,103
WAT90691	8 WATER SUSTAINABILITY PROGRAM																						
0 1	WATER SUSTAINABILITY PROGRAM	CW	S2	04	2,600	4,350	4,000	0	0	10,950	0	10,950	o	0	665	0	10,285	0	0	C	0	0	10,950
0 9	WATER SUSTAINABILITY STANDBY POWER ELLESMERE-SC	CW	S3	04	-1,380	8,957	3,205	20	2	10,804	0	10,804	О	0	657	0	10,147	0	0	C	0	0	10,804
0 12	STANDBY POWER - ROSEHILL	CW	S4	04	150	4,850	4,800	0	0	9,800	0	9,800	О	0	0	0	9,800	0	0	C	0	0	9,800
	Sub-total				1,370	18,157	12,005	20	2	31,554	0	31,554	0	0	1,322	0	30,232	0	0	(0 0	С	31,554
WAT90691	9 RL CLARK W.T.P. R&R																						

Report Phase 5 - Program 10 Water Program Program Phase 5

Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

WAT906919 RL CLARK W.T.P. R&R 0 1 FACILITY & PROCESS UPGRADES C 0 8 PROCESS EQUIPMENT UPGRADE ENGINEERING C 0 15 PROCESS EQUIPMENT UPGRADE CONSTRUCTION C 0 44 EVALUATION & COMMUNICATION SYSTEMS C 0 53 FACILITY & PROCESS UPGRADES - 2015 C 0 54 PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015 SC C 0 55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC C 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC C 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION SUB-total C WAT906930 DIST W/M REPLACEMENT C 0 15 W/M REPLACEMENT - STAND ALONE C 0 29 DIST W/M REPLACEMENT - 2012 C 0 39 DIST W/M REPLACEMENT - 2014 C 0 51 DIST W/M REPLACEMENT - 2014 C 0 52 WATERMAIN UPGRADES - 2014 C 0																						
PrioritySubProj No. Sub-project Name Watter WAT906919 RL CLARK W.T.P. R&R 0 1 FACILITY & PROCESS UPGRADES C.C. 0 8 PROCESS EQUIPMENT UPGRADE ENGINEERING C.C. 0 15 PROCESS EQUIPMENT UPGRADE CONSTRUCTION C.C. 0 44 EVALUATION & COMMUNICATION SYSTEMS C.C. 0 53 FACILITY & PROCESS UPGRADES - 2015 C.C. 0 54 PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015 SC C.C. 0 55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC C.C. 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC C.C. 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION C.C. 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION C.C. 0 57 ELECTRICAL SAND HAVAC UPGRADES CONSTRUCTION C.C. 0 15 W/M REPLACEMENT - STAND ALONE C.C. 0 29 DIST W/M REPLACEMENT - 2014 C.C. 0 39 DIST W/M REPLACEMENT -					Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	iture Year	Cash Flo	w Commi	tments F	inanced E	Зу		
0 1 FACILITY & PROCESS UPGRADES C 0 8 PROCESS EQUIPMENT UPGRADE ENGINEERING C 0 15 PROCESS EQUIPMENT UPGRADE CONSTRUCTION C 0 44 EVALUATION & COMMUNICATION SYSTEMS C 0 53 FACILITY & PROCESS UPGRADES - 2015 C 0 54 PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015 SC C 0 55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC C 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC C 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION C 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION C 0 57 ELECTRICAL EMENT - STAND ALONE C 0 15 W/M REPLACEMENT - STAND ALONE C 0 29 DIST W/M REPLACEMENT - 2012 C 0 39 DIST W/M REPLACEMENT - 2014 C 0 52 WATERMAIN UPGRADES - 2014 C 0 55 WATERMAIN REPLACEMENT - 2015 S	/ard s	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal (Development Charges	F Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recove Debt	able	Total Financing
0 8 PROCESS EQUIPMENT UPGRADE ENGINEERING CONSTRUCTION 0 15 PROCESS EQUIPMENT UPGRADE CONSTRUCTION CONSTRUCTION 0 44 EVALUATION & COMMUNICATION SYSTEMS CONSTRUCTION CONSTRUCTION 0 53 FACILITY & PROCESS UPGRADES - 2015 CONSTRUCTION - 2015 SC																						
ENGINEERING	CW	S2	03	170	0	0	0	0	170	0	170	0	0	0	0	170	0	0	0	0	0	170
CONSTRUCTION 0 44 EVALUATION & COMMUNICATION SYSTEMS 0 53 FACILITY & PROCESS UPGRADES - 2015 COSC 0 54 PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015 SC 0 55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION SUB-total WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE COST W/M REPLACEMENT - 2012 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2014 COST W/M REPLACEMENT - 2015 SC 0 59 2013 WM REPLC - STANDALONE - 2015 SC 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC	CW	S2	03	1,419	665	584	25	25	2,718	0	2,718	0	0	167	0	2,551	0	0	0	0	0	2,718
SYSTEMS 0 53 FACILITY & PROCESS UPGRADES - 2015 CSC 0 54 PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015 SC 0 55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION SUB-total WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE CONSTRUCTION 0 29 DIST W/M REPLACEMENT - 2012 CONSTRUCTION 0 39 DIST W/M REPLACEMENT - 2014 CONSTRUCTION 0 51 DIST W/M REPLACEMENT - 2014 CONSTRUCTION 0 55 WATERMAIN UPGRADES - 2014 CONSTRUCTION 0 57 2010 WM REPLACEMENT - 2015 SC 0 59 2013 WM REPLC - STANDALONE - 2015 SC 0 59 2013 WM REPLC - UPGRADES CONSTRUCTION 0 DIST W/M REPLACEMENT - 2014 - 2015 SC	CW	S2	03	14,893	12,900	12,000	10,000	0	49,793	0	49,793	0	0	3,029	0	46,764	0	0	0	0	0	49,793
SC 0 54 PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015 SC 0 55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION Sub-total WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE CONSTRUCTION 0 29 DIST W/M REPLACEMENT - 2012 CONSTRUCTION 0 39 DIST W/M REPLACEMENT - 2014 CONSTRUCTION 0 51 DIST W/M REPLACEMENT - 2014 CONSTRUCTION 0 52 WATERMAIN UPGRADES - 2014 CONSTRUCTION 0 55 WATERMAIN REPLACEMENT - CONSTRUCTION 0 57 2010 WM REPLC - 2015 SC CONSTRUCTION 0 58 WM REPLC - STANDALONE - 2015 SC CONSTRUCTION 0 59 2013 WM REPLC - UPGRADES CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION CONST	CW	S2	03	1,314	117	20	7	0	1,458	0	1,458	0	0	0	0	1,458	0	0	0	0	0	1,458
ENGINEERING - 2015 SC 0 55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 2015 SC 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION SUb-total WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE 0 29 DIST W/M REPLACEMENT - 2012 0 39 DIST W/M REPLACEMENT - 2014 0 51 DIST W/M REPLACEMENT - 2014 0 52 WATERMAIN UPGRADES - 2014 0 55 WATERMAIN UPGRADES - 2014 0 57 2010 WM REPLC - 2015 SC 0 58 WM REPLC - STANDALONE - 2015 SC 0 59 2013 WM REPLC - UPGRADES 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC	CW	S3	03	10	215	150	0	0	375	0	375	0	0	0	0	375	0	0	0	0	0	375
CONSTRUCTION - 2015 SC 0 56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION Sub-total WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE 0 29 DIST W/M REPLACEMENT - 2012 0 39 DIST W/M REPLACEMENT - 2014 0 51 DIST W/M REPLACEMENT - 2014 0 52 WATERMAIN UPGRADES - 2014 0 55 WATERMAIN REPLACEMENT - METROLINX 0 57 2010 WM REPLC - 2015 SC 0 58 WM REPLC - STANDALONE - 2015 SC 0 60 DIST W/M REPLACEMENT - 2014 - 2015 CONSTRUCTION AND COMMUNICATION STANDALONE - 2015 SC 0 60 DIST W/M REPLACEMENT - 2014 - 2015 CONSTRUCTION AND COMMUNICATION SCIENCE SC CONSTRUCTION AND COMMUNICATION SCIENCE SC CONSTRUCTION AND COMMUNICATION SCIENCE SC CONSTRUCTION AND COMMUNICATION SCIENCE SC	CW	S3	03	-744	610	453	1,200	0	1,519	0	1,519	0	0	91	0	1,428	0	0	0	0	0	1,519
SYSTEMS - 2015 SC 0 57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION Sub-total WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE CONSTRUCTION 0 29 DIST W/M REPLACEMENT - 2012 CONSTRUCTION 0 39 DIST W/M REPLACEMENT - 2014 CONSTRUCTION 0 51 DIST W/M REPLACEMENT - 2014 CONSTRUCTION 0 52 WATERMAIN UPGRADES - 2014 CONSTRUCTION 0 55 WATERMAIN REPLACEMENT - CONSTRUCTION 0 57 2010 WM REPLC - 2015 SC CONSTRUCTION 0 58 WM REPLC - STANDALONE - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 59 2013 WM REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 57 2010 WM REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 58 2013 WM REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CONSTRUCTION 0 60 DIST W/M REPLACEMENT - 2	CW	S3	03	-4,893	-5,100	9,000	2,215	0	1,222	0	1,222	0	0	74	0	1,148	0	0	0	0	0	1,222
CONSTRUCTION Sub-total WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE 0 29 DIST W/M REPLACEMENT - 2012 0 39 DIST W/M REPLACEMENT 2013 0 51 DIST W/M REPLACEMENT - 2014 0 52 WATERMAIN UPGRADES - 2014 0 55 WATERMAIN REPLACEMENT - COMETTO C	CW	S3	03	225	483	5	-2	0	711	0	711	0			0	711	0	0	0	0	0	711
WAT906930 DIST W/M REPLACEMENT 0 15 W/M REPLACEMENT - STAND ALONE C 0 29 DIST W/M REPLACEMENT - 2012 C 0 39 DIST W/M REPLACEMENT 2013 C 0 51 DIST W/M REPLACEMENT - 2014 C 0 52 WATERMAIN UPGRADES - 2014 C 0 55 WATERMAIN REPLACEMENT - METROLINX C 0 57 2010 WM REPLC - 2015 SC C 0 58 WM REPLC - STANDALONE - 2015 SC C 0 59 2013 WM REPLC - UPGRADES C 0 60 DIST W/M REPLACEMENT - 2014 - 2015 C	CW	S4	03	250	0	0	0	0	250	0	250	0	0		0	250	0			0	0	250
0 15 W/M REPLACEMENT - STAND ALONE C 0 29 DIST W/M REPLACEMENT - 2012 C 0 39 DIST W/M REPLACEMENT 2013 C 0 51 DIST W/M REPLACEMENT - 2014 C 0 52 WATERMAIN UPGRADES - 2014 C 0 55 WATERMAIN REPLACEMENT - METROLINX C 0 57 2010 WM REPLC - 2015 SC C 0 58 WM REPLC - STANDALONE - 2015 SC C 0 59 2013 WM REPLC - UPGRADES C 0 60 DIST W/M REPLACEMENT - 2014 - 2015 C				12,644	9,890	22,212	13,445	25	58,216	0	58,216	0	0	3,361	0	54,855	0	0	0	0	0	58,216
0 29 DIST W/M REPLACEMENT - 2012 CO 0 39 DIST W/M REPLACEMENT 2013 CO 0 51 DIST W/M REPLACEMENT - 2014 CO 0 52 WATERMAIN UPGRADES - 2014 CO 0 55 WATERMAIN REPLACEMENT - METROLINX CO 0 57 2010 WM REPLC - 2015 SC CO 0 58 WM REPLC - STANDALONE - 2015 SC CO 0 59 2013 WM REPLC - UPGRADES CO 0 60 DIST W/M REPLACEMENT - 2014 - 2015 CO																						
0 39 DIST W/M REPLACEMENT 2013 C 0 51 DIST W/M REPLACEMENT - 2014 C 0 52 WATERMAIN UPGRADES - 2014 C 0 55 WATERMAIN REPLACEMENT - METROLINX C 0 57 2010 WM REPLC - 2015 SC C 0 58 WM REPLC - STANDALONE - 2015 SC C 0 59 2013 WM REPLC - UPGRADES C 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC C	CW	S2	03	3,208	0	0	0	0	3,208	0	3,208	0	0	0	0	3,208	0	0	0	0	0	3,208
0 51 DIST W/M REPLACEMENT - 2014 C 0 52 WATERMAIN UPGRADES - 2014 C 0 55 WATERMAIN REPLACEMENT - METROLINX C 0 57 2010 WM REPLC - 2015 SC C 0 58 WM REPLC - STANDALONE - 2015 SC C 0 59 2013 WM REPLC - UPGRADES C 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC C	CW	S2	03	3,125	0	0	0	0	3,125	0	3,125	0	0	0	0	3,125	0	0	0	0	0	3,125
0 52 WATERMAIN UPGRADES - 2014 COMMERCIAL CO	CW	S2	03	4,450	0	0	0	0	4,450	0	4,450	0	0	0	0	4,450	0	0	0	0	0	4,450
0 55 WATERMAIN REPLACEMENT - METROLINX 0 57 2010 WM REPLC - 2015 SC CO 0 58 WM REPLC - STANDALONE - 2015 SC CO 0 59 2013 WM REPLC - UPGRADES CO 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC CO	CW	S2	03	18,469	1,200	0	0	0	19,669	0	19,669	0	0	0	0	19,669	0	0	0	0	0	19,669
METROLINX 0 57 2010 WM REPLC - 2015 SC C 0 58 WM REPLC - STANDALONE - 2015 SC C 0 59 2013 WM REPLC - UPGRADES C 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC	CW	S2	05	5,490	1,000	0	0	0	6,490	0	6,490	0	0	0	0	6,490	0	0	0	0	0	6,490
0 58 WM REPLC - STANDALONE - 2015 SC C 0 59 2013 WM REPLC - UPGRADES C 0 60 DIST W/M REPLACEMENT - 2014 - 2015 SC	CW	S2	03	625	600	1,000	875	0	3,100	0	3,100	0	0	0	0	3,100	0	0	0	0	0	3,100
0 59 2013 WM REPLC - UPGRADES C 0 60 DIST W/M REPLACEMENT - 2014 - 2015 C SC	CW	S3	03	6	0	0	0	0	6	0	6	0	0	0	0	6	0	0	0	0	0	6
0 60 DIST W/M REPLACEMENT - 2014 - 2015 C SC	CW	S3	03	-1,691	1,177	0	0	0	-514	0	-514	0	0	0	0	-514	0	0	0	0	0	-514
SC	CW	S2	05	14	0	0	0	0	14	0	14	0	0	4	0	10	0	0	0	0	0	14
0 61 WATERMAIN UPGRADES - 2014 - 2015 SC C	CW	S3	03	-4,999	5,564	0	0	0	565	0	565	0	0	0	0	565	0	0	0	0	0	565
	CW	S3	05	-404	1,087	0	0	0	683	0	683	0	0	0	0	683	0	0	0	0	0	683
0 62 WATERMAIN REPLACEMENT - C METROLINX - 2015 SC	CW	S3	03	-575	-550	0	125	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 63 DIST W/M REPLACEMENT - 2015 C	CW	S4	03	33,994	20,841	11,424	0	0	66,259	0	66,259	0	0	10,303	0	55,956	0	0	0	0	0	66,259

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

					ſ		Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Sub		ject No. Project Name				0045	0040	0047	0040	0010	Total	Total	Total	Provincial Grants and					Capital from			Deb Recove	rable	Total
		Proj No. Sub-project Name DIST W/M REPLACEMENT	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	110301103	runas	Current	Other 1	Other2	Debt	\dashv	Financing
0	64	WATERMAIN UPGRADES - 2015	CW	S4	04	6,609	3,292	1,204	0	0	11,105	0	11,105	С	0	3,455	0	7,650	0	0	0	0	0	11,105
0	65	DIST W/M REPLC - 2012-2015 SC	CW	S3	03	-1,575	0	0	0	0	-1,575	0	-1,575	С	0	0	0	-1,575	0	0	0	0	0	-1,575
0	66	2013 WM REPLC - SOGR-2015 SC	CW	S3	03	-4,423	500	0	0	0	-3,923	0	-3,923	С	0	0	0	-3,923	0	0	0	0	0	-3,923
		Sub-total			Ī	62,323	34,711	13,628	1,000	1,000	112,662	0	112,662	0	0	13,762	0	98,900	0	0	0	0	0	112,662
WAT	906932	DIST W/M REHABILITATION																					\exists	
0	4	Hydrant & Valve Repair	CW	S2	03	1,197	1,000	1,000	0	0	3,197	0	3,197	С	0	0	0	3,197	0	0	0	0	0	3,197
0	6	WATERMAIN STRUCTURAL LINING	CW	S2	03	24,173	35,000	30,500	0	0	89,673	0	89,673	С	0	0	0	89,673	0	0	0	0	0	89,673
0	7	CATHODIC PROTECTION	CW	S2	03	4,200	3,500	3,500	0	0	11,200	0	11,200	С	0	0	0	11,200	0	0	0	0	0	11,200
0	30	CUT REPAIRS	CW	S2	03	4,371	0	0	0	0	4,371	0	4,371	С	0	0	0	4,371	0	0	0	0	0	4,371
0	42	CUT-REPAIR - 2015 SC	CW	S3	03	-1,606	2,765	0	0	0	1,159	0	1,159	С	0	0	0	1,159	0	0	0	0	0	1,159
0	43	CATHODIC PROTECTION - 2015 SC	CW	S3	03	-103	892	950	450	0	2,189	0	2,189	С	0	0	0	2,189	0	0	0	0	0	2,189
0	44	HYDRANT & VALVE REPAIR-2015 SC	CW	S3	03	553	0	0	0	0	553	0	553	С	0	0	0	553	0	0	0	0	0	553
0	45	WATERMAIN STRUCTURAL LINING-2015 SC	cw.	S3	03	18,003	19,415	31,158	20,717	5,400	94,693	0	94,693	С	0	0	0	94,693	0	0	0	0	0	94,693
		Sub-total			İ	50,788	62,572	67,108	21,167	5,400	207,035	0	207,035	0	0	0	0	207,035	0	0	0	0	0	207,035
WAT	906934	DIST WATER SERVICE REPAIR																					\dashv	
0	12	ALL DISTRICT WSR - LEAD REPLACEMENT	CW	S2	02	7,174	9,250	9,250	0	0	25,674	0	25,674	C	0	0	0	25,674	0	0	0	0	0	25,674
0	19	2010 WSR	CW	S4	02	219	0	0	0	0	219	0	219	С	0	0	0	219	0	0	0	0	0	219
0	32	WSR CUT REPAIRS	CW	S2	03	2,186	0	0	0	0	2,186	0	2,186	C	0	0	0	2,186	0	0	0	0	0	2,186
0	39	2012 WATER SERVICE REPLACEMENT	CW	S2	02	50	0	0	0	0	50	0	50	C	0	0	0	50	0	0	0	0	0	50
0	41	2013 WATER SERVICE REPLACMENT -SOGR	CW	S2	02	2,631	0	0	0	0	2,631	0	2,631	C	0	0	0	2,631	0	0	0	0	0	2,631
0	52	2014 WATER SERVICE REPLACEMENT - SOGR	CW	S2	02	4,711	0	0	0	0	4,711	0	4,711	C	0	0	0	4,711	0	0	0	0	0	4,711
0	58	WSR CUT REPAIR - 2015 SC	CW	S3	03	-86	2,100	0	0	0	2,014	0	2,014	С	0	0	0	2,014	0	0	0	0	o	2,014
0	59	2015 WATER SERVICE REPLACEMENT - SOGR	CW	S4	03	4,500	9,000	4,500	0	0	18,000	0	18,000	С	0	0	0	18,000	0	0	0	0	o	18,000
0	60	WATER SERVICE REPAIR - LEAD PROGRAM-2015 SC	CW	S3	02	5,004	0	0	0	0	5,004	0	5,004	С	0	0	0	5,004	0	0	0	0	0	5,004

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

A	open	dix 4: 2015 Council Approved	a Cas	n Fi	ow a	ina Futu	re tear	Comm	itment	S															
W	ater P	Program																							
							Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments [Finance	d By			
		roject No. Project Name ubProj No. Sub-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 - Recoverab	- 1	Total Financing
	_	34 DIST WATER SERVICE REPAIR													-										
0	61	2012 WATER SERVICE REPLC - SOGR-2015 SC	CW	S3	02	-50	0	0	0	0	-50	0	-50	0	(0	0	-50	0	0 0) (0	0	0	-50
0	62	2013 WSR-2015 SC	CW	S3	02	-2,550	1,253	0	0	0	-1,297	0	-1,297	o	(0	0	-1,297	0) 0) (0	0	0	-1,297
0	63	2014 WATER SERVICE REPLACEMENT SOGR-2015 SC	- CW	S3	02	-926	3,566	0	0	0	2,640	0	2,640	o	(0	0	2,640	0) 0) (0	0	0	2,640
0	64	WSR - STANDALONE- 2015 SC	CW	S3	02	71	0	0	0	0	71	0	71	o	(0	0	71	0) 0) (0	0	0	71
		Sub-total				22,934	25,169	13,750	0	0	61,853	0	61,853	0	C	0	0	61,853	0) 0) (0	0	0	61,853
WA	T90693	NEW SERVICE CONNECTIONS																							
0	2	NEW SERVICE CONNECTIONS - CUT REPAIRS	CW	S2	05	3,500	0	0	0	0	3,500	0	3,500	o	(0	0	3,500	0	0 0) (0	0	0	3,500
0	7	NEW SERVICE CONNECTIONS - SITE SERVICING	CW	S2	05	14,000	0	0	0	0	14,000	0	14,000	О	(0	0	14,000	0	0) (0	0	0	14,000
0	18	NEW SERVICE CONNECTIONS - SITE SERVICING - 2015 SC	CW	S3	05	8,002	22,100	13,500	2,500	0	46,102	0	46,102	o	(0	0	46,102	0) 0) (0	0	0	46,102
0	19	NEW SERVICE CONNECTIONS - CUT REPAIRS - 2015 SC	CW	S3	05	580	4,080	0	0	0	4,660	0	4,660	o	(0	0	4,660	0) 0) (0	0	0	4,660
		Sub-total				26,082	26,180	13,500	2,500	0	68,262	0	68,262	0	(0	0	68,262	0) 0) (0	0	0	68,262
WA	T90695	51 ENGINEERING																							
0	2	CONSULTING FEES	CW	S2	03	2,975	4,687	5,912	5,445	4,160	23,179	5,016	28,195	О	(0	0	28,195	0) 0) (0	0	0	28,195
0	45	ECS SALARIES	CW	S3	03	12,199	0	0	0	0	12,199	0	12,199	o	(0	0	12,199	0	0 0) (0	0	0	12,199
0	51	ROAD RESTORATION - 2015 SC	CW	S3	03	5,962	5,830	0	0	0	11,792	0	11,792	О	(0	0	11,792	0	0 0) (0	0	0	11,792
0	52	CONSULTING FEES - 2015 SC	CW	S3	03	6,570	6,702	997	-2,447	-2,909	8,913	-1,949	6,964	О	(0	0	6,964	0	0) (0	0	0	6,964
0	53	LEGAL SERVICES SALARIES - 2015 SC	CW	S3	03	197	0	0	0	0	197	0	197	О	(0	0	197	0	0) (0	0	0	197
0	56	PPFA SALARIES	CW	S4	03	2,292	0	0	0	0	2,292	0	2,292	O	(0	0	2,292	0	0) (0	0	0	2,292
		Sub-total				30,195	17,219	6,909	2,998	1,251	58,572	3,067	61,639	0	C	0	0	61,639	0) 0) (0	0	0	61,639
WA	T90697	77 ISLAND W.T.P. R&R																							
0	1	FACILITY & PROCESS UPGRADES	CW	S2	03	1,278	226	0	0	0	1,504	0	1,504	0	(0	0	1,504	0	0) (0	0	0	1,504
0	12	FACILITY UPGRADE - FORMER MARINE YARD	CW	S2	03	1,840	1,100	0	0	0	2,940	0	2,940	o	(0	0	2,940	0) 0) (0	0	0	2,940
0	25	ISLAND FILTER AIR SCOUR SYSTEM	CW	S2	04	559	0	0	0	0	559	0	559	o	(34	0	525	0) 0) (0	0	0	559
0	32	TRAVELLING SCREEN REPLACEMENT	CW	S4	03	655	2,120	380	10	0	3,165	0	3,165	o	(0	0	3,165	0) 0) (0	0	0	3,165
0	33	ISLAND SEAWALL REHABILITATION	CW	S2	03	109	0	0	0	0	109	0	109	0		0	0	109	0) 0) (0	0	0	109

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

, . I	рспа	iix 4. 2010 Godiloli Appiovot	, O uc		011		io ioai	00																	
Wa	ter Pr	ogram																							
							Curre	ent and F	uture Year	Cash Flor	w Commitr	nents			Cu	rrent and F	uture Year	Cash Flo	w Commit	ments F	inanced	I Ву			
Su		oject No. Project Name							2012	00.40	Total	Total	Total	Provincial Grants and	Federal	Development	Reserves	Reserve	Capital from			Re	Debt - coverable	1 '0	otal
		bProj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	110301103	runas	Current (Other 1	Other2	Debt		Finar	ancing
WA	906977	/ ISLAND W.T.P. R&R																							
0	44	ISLAND ENWAVE/RETROFIT PROJECT	CW	S2	04	260	350	0	0	0	610	0	610	() (0 0	0	610	0	0	0) C) (610
0	50	AMMONIA AND FLOURIDE SYSTEM UPGRADES	CW	S2	03	955	1,285	0	0	0	2,240	0	2,240	() (0 0	0	2,240	0	0	0) C) () 2	2,240
0	51	CHEMICAL SYSTEMS` ELECTRICAL FEEDISTRIBUTION	D CW	S2	03	500	0	0	0	0	500	0	500	() (0 0	0	500	0	0	0) C) (500
0	62	FACILITY & PROCESS UPGRADES - 201 SC	5 CW	S3	03	-150	531	375	0	0	756	0	756	() (0 0	0	756	0	0	0) C) (756
0	63	ISLAND FILTER AIR SCOUR SYSTEM - 2015 SC	CW	S3	04	-400	0	0	0	0	-400	0	-400	() (0 -24	0	-376	0	0	0) () (-400
0	64	FACILITY UPGRADE - FORMER MARINE YARD - 2015 SC	CW	S3	03	-640	337	0	0	0	-303	0	-303	() (0 0	0	-303	0	0	0) () (-303
0	65	ISLAND ENWAVE/RETROFIT PROJECT - 2015 SC	- CW	S3	04	-210	-323	0	0	0	-533	0	-533	() (0 0	0	-533	0	0	0) C) (-533
0	67	AMMONIA AND FLOURIDE SYSTEM UPGRADES - 2015 SC	CW	S3	03	-705	-405	1,320	40	0	250	0	250	() (0 0	0	250	0	0	0) C) (250
0	68	CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION - 2015 SC	CW	S3	03	-400	365	0	0	0	-35	0	-35	() (0 0	0	-35	0	0	0) C) (-35
0	69	Generators` DR3 Program	cw	S4	04	75	750	425	0	0	1,250	0	1,250	() (0 0	0	1,250	0	0	0) C) () 1	1,250
0	70	PLANTWIDE HVAC UPGRADES	CW	S4	04	15	90	490	45	0	640	0	640	() (0 0	0	640	0	0	0) C) (640
0	71	ISLAND SEAWALL REHAB- 2015 SC	CW	S3	03	14	0	0	0	0	14	0	14	() (0 0	0	14	0	0	0) C) (14
		Sub-total				3,755	6,426	2,990	95	0	13,266	0	13,266	С) (0 10	0	13,256	0	0	C) (0 (0 13	3,266
WA	Г907353	LAWRENCE ALLAN REVITALIZATION PL	AN																						
0	1	LAWRENCE ALLAN REVITALIZATION PLAN-INFRASTURCTURE	CW	S2	05	3,740	3,354	12,641	2,127	3,531	25,393	0	25,393	() (0 4,940	0	20,453	0	0	0) () (25	25,393
0	2	LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL SEWER	CW	S2	05	2,864	0	5,437	0	0	8,301	0	8,301	() (0 8,301	0	0	0	0	0) C) () 8	8,301
0	5	LAWRENCE ALLAN REVITALIZATION PLAN-INTER - 2015 SC	CW	S3	05	-72	0	0	0	0	-72	0	-72	() (20,381	0	-20,453	0	0	0) C) (-72
0	6	LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL-2015SC	CW	S3	05	-61	0	0	0	0	-61	0	-61	() (0 -61	0	0	0	0	0) C) (-61
		Sub-total				6,471	3,354	18,078	2,127	3,531	33,561	0	33,561	С) (33,561	0	0	0	0	C) (0 (33	3,561
WA	Г907558	REGENT PARK CAPITAL CONTRIBUTION	<u> </u>																						
0	1	REGENT PARK CAPITAL CONTRIBUTION	N 28	S2	05	907	330	132	745	287	2,401	859	3,260	() (0 0	0	3,260	0	0	0) C) () 3	3,260
0	9	REGENT PARK CAPITAL CONTRIBUTION 2015 SC	N - CW	S3	05	308	1,473	343	345	345	2,814	-737	2,077	() (0 0	0	2,077	0	0	0) C) (2,077
		Sub-total				1,215	1,803	475	1,090	632	5,215	122	5,337	c) (0 0	0	5,337	0	0	C) (0 (5	5,337
WA	Г907946	BUSINESS IT PROJECTS																							
0	1	BUSINESS INTELLIGENCE INITIATIVES	CW	S2	04	280	0	0	0	0	280	0	280	() (0 0	0	280	0	0	0) C) (280

Report Phase 5 - Program 10 Water Program Program Phase 5

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

				L		Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cu	ırrent a	nd Futur	re Yeaı	Cash Flo	w Comm	itments	Finance	d By			
	roject No. Project Name ubProj No. Sub-project Name	Ward S	Stat (Cat	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal Subsidy	Develop Char	oment ges Re	serves	Reserve Funds	Capital from Current	Other 1	Other2	2 De	Debt - Recoverab		Fotal ancing
	6 BUSINESS IT PROJECTS			-									Subsidies			-								+	
0 2	BACKFLOW INSPECTION PORTAL	CW	S2	04	0	200	200	0	0	400	0	400	0	(0	0	0	400	C)	0	0	0	0	400
0 7	ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT	CW	S2	04	1,968	1,225	975	975	0	5,143	0	5,143	0	(0	0	0	5,143	C)	0	0	0	0	5,143
0 10	ENTERPRISE WORK MANAGEMENT SYSTEM PROJ - 2015 SC	CW	S3	04	-1,144	494	446	297	1,373	1,466	500	1,966	0	(0	0	0	1,966	C)	0	0	0	0	1,966
0 11	BUSINESS INTELLIGENCE INITIATIVES-2015 SC	CW	S3	04	-221	0	0	0	0	-221	0	-221	0	(0	0	0	-221	C)	0	0	0	0	-221
0 12	EDOCS- 2015 SC	CW	S3	04	150	150	0	0	0	300	0	300	0	(0	0	0	300	C)	0	0	0	0	300
	Sub-total				1,033	2,069	1,621	1,272	1,373	7,368	500	7,868	0	(0	0	0	7,868	C)	0	0	0	0	7,868
WAT90808	7 TRUNK WATERMAIN			Ī																					
0 1	TRANSMISSION SYSTEM AUTOMATION	N CW	S4	04	250	1,750	1,750	10	0	3,760	0	3,760	0	(0	0	0	3,760	C)	0	0	0	0	3,760
0 6	3RD PARTY RELOCATIONS (METROLIN	IX) CW	S4	04	500	500	500	250	250	2,000	0	2,000	0	(0	0	0	2,000	C)	0	0	0	0	2,000
	Sub-total				750	2,250	2,250	260	250	5,760	0	5,760	0	(0	0	0	5,760	C)	0	0	0	0	5,760
Total P	rogram Expenditure				318,558	338,592	267,878	100,353	35,568	1,060,949	14,088	1,075,037	0	(0 91	1,001	0	945,574	C)	0 38,46	52	0	0 1,07	75,037
•													•											•	

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Report Phase 5 - Program 10 Water Program Program Phase 5

Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Water Program																			
		c	urrent and	Future Ye	ar Cash Fl	low Comr	mitments ar	nd Estimate	s		Current	and Future	Year Cas	h Flow Co	ommitme	nts and	Estimate	s Financed By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name	Ward Stat. Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal De Subsidy	evelopment Charges		Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing
Financed By:											_								
Development Charges		19,761	16,795	35,400	13,906	4,974	90,836	165	91,001	0	0	91,001	0	0	0	(0 0	0	91,001
Reserve Funds (Ind."XR" Ref.)		288,850	313,237	221,952	77,721	29,918	931,678	13,896	945,574	0	0	0	0	945,574	0	(0 0	0	0 945,574
Other2 (External)		9,947	8,560	10,526	8,726	676	38,435	27	38,462	0	0	0	0	0	0	(38,462	0	0 38,462
Total Program Financing		318,558	338,592	267,878	100,353	35,568	1,060,949	14,088	1,075,037	0	0	91,001	0	945,574	0	(38,462	0	0 1,075,037

S2 S2 Prior Year (With 2015 and/or Future Year Cashflow) S3 S3 Prior Year - Change of Scope 2015 and/or Future Year Cost\(^{1}\) S4 S4 New - Stand-Alone Project (Current Year Only) S5 S5 New (On-going or Phased Projects)	
S3 S3 Prior Year - Change of Scope 2015 and\or Future Year Cost\0	
,	
S2 S2 Prior Year (With 2015 and\or Future Year Cashflow)	Cost\Cashflow)

Category Code	Description
01	Health and Safety C01
02	Legislated C02
03	State of Good Repair C03
04	Service Improvement and Enhancement C04
OE.	Growth Polated C05

Description

05 Growth Related C05 06 Reserved Category 1 C06 07 Reserved Category 2 C07

CITY OF TORONTO

Wastewater Program

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

		iter Frog	, and				C	F.	V	Cook Flo	Cammitm		Ī										
							Curr	ent and Fi	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commi	itments F	inanced B		_
Sub			Project Name								Total	Total	Total	Provincial Grants and	Federal	Development Charges	_ F	Reserve	Capital from			Debt - Recoverable	e Total
	_			Vard	Stat. Ca	t. 2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	Reserves	Funds	Current	Other 1	Other2	Debt	Financing
WAS	000007	ASHBRID	GES BAY WWTP REHAB																				
0	17	STANDBY	POWER GENERATION	CW	S2 0	4,073	5	15	0	0	4,093	0	4,093	0	0	329	0	3,764	0	0	0	0 (4,093
0	19	FERROUS	SUPGRADES	CW	S2 0	3 475	6,072	6,700	3,185	255	16,687	0	16,687	0	0	1,350	0	15,337	0	0	0	0 0	16,687
0	30	ELECTRIC	CAL REHAB	CW	S2 0	6,611	6,025	2,105	421	0	15,162	0	15,162	0	0	0	0	15,162	0	0	0	0 (15,162
0	41	POLYMER	RUPGRADE	CW	S2 0	825	800	9,900	12,200	9,580	33,305	2,800	36,105	0	0	0	0	36,105	0	0	0	0 (36,105
0	46	Rehab of	Grounds and Buildings	CW	S2 0	3 25	0	0	0	0	25	0	25	0	0	0	0	25	0	0	0	0 0	25
0	47		IEADWORKS ENG CONTRACT ADMIN	CW	S2 0	2,791	2,084	988	885	250	6,998	49	7,047	0	0	568	0	6,479	0	0	0	0 0	7,047
0	49		S UPGRADES AND ODOUR L ENGINEERING	CW	S2 0	1,000	410	34	0	0	1,444	0	1,444	0	0	116	0	1,328	0	0	0	0 (1,444
0	189	PROCESS	S AND EQUIPMENT	CW	S2 0	3,191	3,610	4,004	4	0	10,809	0	10,809	0	0	0	0	10,809	0	0	0	0 (10,809
0	190	FACILITY	AND GROUNDS	CW	S2 0	2,013	2,002	0	0	0	4,015	0	4,015	0	0	0	0	4,015	0	0	0	0 0	4,015
0	215	DIGESTE 14, 16, 13	RS CLEANING REHAB - TANKS	CW	S2 0	3,800	3,600	3,100	0	0	10,500	0	10,500	0	0	0	0	10,500	0	0	0	0 0	10,500
0	216	OPERATION	ONS CENTRE - ENGINEERING	CW	S2 0	700	0	0	0	0	700	0	700	0	0	0	0	700	0	0	0	0 0	700
0	218	FERROUS	S UPGRADES - 2015 SC	CW	S3 0	-225	-1,572	200	2,153	195	751	0	751	0	0	60	0	691	0	0	0	0 0	751
0	219	PROCESS	S AND EQUIPMENT - 2015 SC	CW	S3 0	-596	1,023	-2,004	-4	0	-1,581	0	-1,581	0	0	0	0	-1,581	0	0	0	0 (-1,581
0	220	GROUND	AND FACILITIES - 2015 SC	CW	S3 0	869	-1,455	0	0	0	-586	0	-586	0	0	0	0	-586	0	0	0	0 0	-586
0	221	POLYMER	R UPGRADE - 2015 SC	CW	S3 0	-325	-100	-5,900	800	3,420	-2,105	5,876	3,771	0	0	0	0	3,771	0	0	0	0 0	3,771
0	222		RS CLEANING REHAB -TANKS 3 - 2015 SC	CW	S3 0	-2,075	125	75	2,139	94	358	0	358	0	0	0	0	358	0	0	0	0 0	358
0	224	BRIDGE (JPGRADES	CW	S4 0	3 200	1,100	2,500	2,600	100	6,500	0	6,500	0	0	0	0	6,500	0	0	0	0 (6,500
0	226	ABTP - EN	NVIRONMENTAL ASSESSMENT	CW	S4 0	150	250	600	250	0	1,250	0	1,250	0	0	0	0	1,250	0	0	0	0 0	1,250
0	227	AIR HEAD	DER REHAB	CW	S4 0	100	700	1,200	0	0	2,000	0	2,000	0	0	0	0	2,000	0	0	0	0 0	2,000
0	228	BLOWER SHOP	BUILDING MAINTENANCE	CW	S4 0	100	100	300	0	0	500	0	500	0	0	0	0	500	0	0	0	0 (500
0	229	D BUILDII	NG PHASE 2	CW	S4 0	150	700	3,600	1,200	50	5,700	0	5,700	0	0	0	0	5,700	0	0	0	0 (5,700
0	231	HOT WAT	ER LOOP MODIFICATIONS	CW	S4 0	100	500	0	0	0	600	0	600	0	0	0	0	600	0	0	0	0 (600
0	232	STANDBY	POWER GENERATION-2015 SC	CW	S3 0	-2,757	400	-13	0	0	-2,370	0	-2,370	0	0	-190	0	-2,180	0	0	0	0 (-2,370
0	233		HEADWORKS ENG CONTRACT ADMIN-2015 SC	cw	S3 0	-831	-99	-148	881	0	-197	0	-197	0	0	-16	0	-181	0	0	0	0 (-197

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							0		V	0	0 '1													
						1	Curre	ent and Fi	iture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	iture Year	Cash Flov	v Commi	tments F	inanced			
Su	b- Pro	pject No. Project Name									Total	Total	Total	Provincial Grants and	Federal	Development Charges	_	Reserve	Capital from				ebt - verable	Total
	_	bProj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges	Reserves	Funds	Current	Other 1	Other2	Debt		Financing
WA:	S000007	ASHBRIDGES BAY WWTP REHAB																						
0	234	ELECTRICAL REHAB - ECAP-2015 SC	CW	S3	01	-738	793	-501	-407	0	-853	0	-853	C) 0	0	0	-853	0	0	0	0	0	-853
0	235	MOBILE GENERATORS-2015 SC	CW	S3	04	29	0	0	0	0	29	0	29	C) 0	0	0	29	0	0	0	0	0	29
0	236	REHAB OF GROUNDS & BUILDINGS-20 SC	15 CW	S3	03	-25	0	0	0	0	-25	0	-25	C) 0	0	0	-25	0	0	0	0	0	-25
0	237	PROCESS UPGRADES & ODOUR CONTROL ENG-2015 SC	CW	S3	04	280	145	276	0	0	701	0	701	C	0	57	0	644	0	0	0	0	0	701
0	238	SECURITY UPGRADES	CW	S4	04	200	1,200	1,550	0	0	2,950	0	2,950	C) 0	0	0	2,950	0	0	0	0	0	2,950
0	240	OERATIONS CENTRE -ENGINEERING - 2015 SC	CW	S3	03	-300	0	0	0	0	-300	0	-300	C) 0	0	0	-300	0	0	0	0	0	-300
		Sub-total				19,810	28,418	28,581	26,307	13,944	117,060	8,725	125,785	0	0	2,274	0	123,511	0	0	0	0	0	125,785
WA:	S000115	HUMBER T.P.																						
0	9	CO-GENERATION	CW	S4	04	200	200	109	0	0	509	0	509	C	0	0	0	509	0	0	0	0	0	509
		Sub-total				200	200	109	0	0	509	0	509	0	0	0	0	509	0	0	0	0	0	509
WA:	S000259	TRUNK SEWER SYSTEM																						
0	15	TRUNK SEVWER REHAB-2012	CW	S2	03	6,078	6,884	1,611	381	38	14,992	11	15,003	C	0	0	0	15,003	0	0	0	0	0	15,003
0	23	TRUNK SEWER REHABILITATION	CW	S2	03	170	0	0	0	0	170	0	170	C	0	0	0	170	0	0	0	0	0	170
0	27	TRUNK SEWER REHABILITATION - 201	4 CW	S2	03	12,965	18,225	3,543	7	0	34,740	0	34,740	C	0	0	0	34,740	0	0	0	0	0	34,740
0	34	KEELE TRUNK SEWER DESIGN & CONSTRUCTION	CW	S2	05	1,000	0	0	0	0	1,000	0	1,000	C	0	0	0	1,000	0	0	0	0	0	1,000
0	38	TRUNK SEWER REHABILITATION - 201 2015 SC	2 - CW	S3	03	7,751	-603	311	10	51	7,520	0	7,520	C) 0	0	0	7,520	0	0	0	0	0	7,520
0	39	TRUNK SEWER REHABILITATION - 2012 2015 SC	4 - CW	S3	03	-35	-1,025	2,382	1,386	7	2,715	0	2,715	C) 0	0	0	2,715	0	0	0	0	0	2,715
0	40	KEELE TRUNK SEWER DESIGN & CONSTRUCTION - 2015 SC	CW	S3	05	-500	600	300	0	0	400	0	400	C	0	0	0	400	0	0	0	0	0	400
0	41	TRUNK SEWER REHABILITATION-2015 SC	CW	S3	03	-147	15	0	0	0	-132	0	-132	C	0	0	0	-132	0	0	0	0	0	-132
		Sub-total				27,282	24,096	8,147	1,784	96	61,405	11	61,416	0	0	0	0	61,416	0	0	0	0	0	61,416
WA:	S000442	BASEMENT FLOODING RELIEF																						
1	1	BASEMENT FLOODING RELIEF - BACKFLOW GRANTS	CW	S2	04	0	5,500	5,500	5,500	5,500	22,000	22,000	44,000	(0	0	0	44,000	0	0	0	0	0	44,000
0	8	BASEMENT FLOODING STUDIES & EAS	S CW	S2	04	4,503	1,485	0	0	0	5,988	0	5,988	C	0	0	0	5,988	0	0	0	0	0	5,988
0	9	BASEMENT FLOODING RELIEF - TUNN PROJECT	EL CW	S2	04	10,000	32,000	37,000	40,500	30,000	149,500	0	149,500	C	0	0	0	149,500	0	0	0	0	0	149,500
0	12	ROAD RESTORATION FOR BSMT FLDG	G CW	S2	04	772	0	0	0	0	772	0	772	C	0	0	0	772	0	0	0	0	0	772

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Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cui	rrent and F	uture Yea	Cash Flo	ow Comm	itments I	Financed	Ву		
Sub Pric		ect No. Project Name Proj No. Sub-project Name	Ward S	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 Recove Debt		Total Financing
WAS	000442	BASEMENT FLOODING RELIEF																						
0	14	BASEMENT FLOODING DESIGN - GROUP 1	CW	S2	04	1,888	1,900	0	0	0	3,788	0	3,788	C) (0	0	3,788	0	C	0	0	0	3,788
0	18	BASEMENT FLOODING DESIGN - GROUP 2	CW	S2	04	5,900	5,500	5,500	25	0	16,925	0	16,925	C) (0	0	16,925	5 0	C	0	0	0	16,925
0	19	BASEMENT FLOODING RELIEF - GROUP 2	CW	S2	04	41,222	39,832	49,299	1,500	0	131,853	0	131,853	C) (0	0	131,853	3 0	C	0	0	0	131,853
0	20	$\begin{array}{ll} {\tt BASEMENT\ FLOODING\ DESIGN\ -\ GROUP} \\ {\tt 3} \end{array}$	CW	S2	04	3,000	4,000	5,000	5,000	4,000	21,000	4,000	25,000	C) (0	0	25,000	0	C	0	0	0	25,000
0	29	BASEMENT FLOODING RELIEF - GROUP 1	CW	S2	04	9,710	11,675	75	0	0	21,460	0	21,460	C) (0	0	21,460	0	C	0	0	0	21,460
0	68	BSMT FLOODING PROTECTION SUBSIDY PROG - 2015 SC	CW	S3	04	5,500	0	0	-5,500	-5,500	-5,500	-22,000	-27,500	C) C	0	0	-27,500	0	C) 0	0	0	-27,500
0	69	BASEMENT FLOODING STUDIES & EAS - 2015 SC	CW	S3	04	-2,757	538	280	100	100	-1,739	0	-1,739	C) с	0	0	-1,739	0	C) 0	0	0	-1,739
0	70	BASEMENT FLOODING RELIEF - GROUP 1 - 2015 SC	CW	S3	04	2,881	-1,408	0	0	0	1,473	0	1,473	C) с	0	0	1,473	3 0	C	0	0	0	1,473
0	71	ROAD RESTORATION FOR BSMT FLDG PRJS - 2015 SC	CW	S3	04	408	800	0	0	0	1,208	0	1,208	C) с	0	0	1,208	0	C) 0	0	0	1,208
0	72	BASEMENT FLOODING RELIEF-TUNNEL PROJ - 2015 SC	CW	S3	04	-9,485	-17,000	-7,000	-10,500	5,000	-38,985	40,000	1,015	C) с	0	0	1,015	5 0	C) 0	0	0	1,015
0	73	BASEMENT FLOODING RELIEF - GROUP 2 - 2015 SC	CW	S3	04	-11,832	-10,330	17,099	43,569	2,000	40,506	0	40,506	C) (0	0	40,506	5 0	C	0	0	0	40,506
0	77	BASEMENT FLOODING DESIGN - GROUP 4	CW	S4	04	1,170	4,030	6,030	10,000	13,270	34,500	75,860	110,360	C) (0	0	110,360	0	C) 0	0	0	110,360
0	78	BASEMENT FLOODING DESIGN - GROUP 1-2015 SC	CW	S3	04	-363	-1,375	1,397	129	0	-212	0	-212	C) (0	0	-212	2 0	C) 0	0	0	-212
0	79	BASEMENT FLOODING DESIGN - GROUP 2-2015 SC	CW	S3	04	-1,350	-1,575	799	975	334	-817	21	-796	C) (0	0	-796	5 0	C	0	0	0	-796
0	80	BASEMENT FLOODING DESIGN - GROUP 3-2015 SC	CW	S3	04	-752	-1,239	-2,885	-4,322	-721	-9,919	-4,000	-13,919	C) (0	0	-13,919	0	C	0	0	0	-13,919
0	81	BASEMENT FLOODING STUDIES & EAS-CW IMPLEMENTATION	CW	S2	04	3,500	3,500	4,950	0	0	11,950	0	11,950	C) (0	0	11,950	0	C) 0	0	0	11,950
0	82	BASEMENT FLOODING STUDIES & EAS-CW IMP-2015 SC	CW	S3	04	-950	3,500	4,550	5,000	0	12,100	0	12,100	C) C	0	0	12,100	0	C	0	0	0	12,100
		Sub-total				62,965	81,333	127,594	91,976	53,983	417,851	115,881	533,732	0	C	0	0	533,732	2 0	C) (0	0	533,732
WAS	000521	HIGHLAND CREEK WWTP - BUILDING SER	RV &																					
0	3	HCTP BLDG REHAB & IMPROVEMENTS	CW	S2	03	4,262	4,000	3,000	0	0	11,262	0	11,262	C) (0	0	11,262	2 0	C) 0	0	0	11,262
0	7	HCTP Bldg Rehab and Impro - 2015 SC	CW	S3	03	-3,262	-500	1,000	4,000	2,800	4,038	0	4,038	C) (0	0	4,038	3 0	C) 0	0	0	4,038
		Sub-total			T	1,000	3,500	4,000	4,000	2,800	15,300	0	15,300	0	C	0	0	15,300	0	C) (0	0	15,300
WAS	906322	W&WW LABORATORIES																					\exists	
0	9	LAB EQUIPMENT	CW	S2	03	186	0	0	0	0	186	0	186	C) C	0	0	186	0	C) 0	0	0	186

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Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

WAS906322 W&W 0 26 LAB WAS906328 SWI 0 9 NOF 0 11 Bon 0 52 Sca SC SC SC 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 POV 0 15 DOV	No. Project Name j No. Sub-project Name WW LABORATORIES B EQUIPMENT - 2015 SC Sub-total M END OF PIPE FACILITIES RTH TORONTO CSO CONSTR	Ward CW	S3		2015	2016 120	2017 150	2018	Cash Flo	Total	Total	Total 2015-2024	Provincial Grants and Subsidies		Development Charges			Capital from		Financed Other2	Deb Recove		Total Financing
PrioritySubProj WAS906322 W& 0 26 LAB WAS906328 SWI 0 9 NOF 0 11 Bon 0 12 EAR 0 52 Sca SC 0 53 EAR PHA 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV	j No. Sub-project Name WW LABORATORIES B EQUIPMENT - 2015 SC Sub-total M END OF PIPE FACILITIES RTH TORONTO CSO CONSTR	CW	S3		-66				2019				Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2	Recov		
WAS906328 SWI 0 9 NOF 0 11 Bon 0 52 Sca SC SC 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 POV 0 15 DOV	S EQUIPMENT - 2015 SC Sub-total M END OF PIPE FACILITIES RTH TORONTO CSO CONSTR			03		120	150	040						/									,
WAS906328 SWI 0 9 NOF 0 11 Bon 0 12 EAR 0 52 Sca 0 53 EAR 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV 0 15 DOV	Sub-total M END OF PIPE FACILITIES RTH TORONTO CSO CONSTR			03		120	150	040															
0 9 NOF 0 11 Bon 0 12 EAR 0 52 Scal SC 0 53 EAR PHA 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV	M END OF PIPE FACILITIES RTH TORONTO CSO CONSTR	CW	60		120			210	0	414	0	414	0	0	0	0	414	0	0	0	0	0	414
0 9 NOF 0 11 Bon 0 12 EAR 0 52 Scal SC 0 53 EAR PHA 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV	RTH TORONTO CSO CONSTR	CW	00			120	150	210	0	600	0	600	0	0	0	0	600	0	0	0	0	0	600
0 11 Bon 0 12 EAR 0 52 SCa SC 0 53 EAR PHA 0 54 NOR 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV		CW	00																				
0 12 EAR 0 52 SCa SC 0 53 EAR PHA 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV	nar Creek Construction		52	04	5,389	2,500	0	0	0	7,889	0	7,889	0	0	633	0	7,256	0	0	0	0	0	7,889
0 52 Sca SC 0 53 EAR PHA 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV		CW	S2	04	1,000	2,150	5,400	5,250	2,450	16,250	150	16,400	0	0	1,320	0	15,080	0	0	0	0	0	16,400
SC 0 53 EAR PHA 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV	RL BALES SWM FACILITY - PHASE 2	CW	S2	04	4,400	1,000	0	0	0	5,400	0	5,400	0	0	435	0	4,965	0	0	0	0	0	5,400
PHA 0 54 NOF 0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV	rborough Waterfront Construction - 20	15 CW	S3	04	0	0	1,150	4,000	9,600	14,750	33,200	47,950	0	0	3,860	0	44,090	0	0	0	0	0	47,950
0 55 Bon WAS906331 SWI 0 9 DOV PRC 0 15 DOV	RL BALES PARK SWM FACILITY - ASE 2 - 2015 SC	CW	S3	04	100	1,300	0	0	0	1,400	0	1,400	0	0		0	1,288	0	0	0	0	0	1,400
WAS906331 SWI 0 9 DOV PRO 0 15 DOV	RTH TORONTO CSO CONSTR-2015			04	11	-349	0	0	0	-338	0	-338	0			0	-313	0			0	0	-338
0 9 DOV PRO 0 15 DOV	nar Creek Construction-2015 SC Sub-total	CW	S3	04	-500 10,400	-1,750 	6,550	1,950	120	-180 45,171	33,350	-180 78,521	0			0	-165 72,201	0			0	0	-180 78,521
0 9 DOV PRO 0 15 DOV	Sub-total				10,400	4,001	0,550	11,200	12,170	45,171	33,330	70,321	0	0	0,320	U	72,201	- 0					70,321
PRC 0 15 DOV	M SOURCE CONTROL PROG																						l
	WNSPOUT DISCONNECTION OGRAM	CW	S2	04	150	250	150	150	0	700	0	700	0	0	0	0	700	0	0	0	0	0	700
PRO	WNSPOUT DISCONNECTION OGRAM- 2015 SC	CW	S3	04	0	-100	0	0	0	-100	0	-100	0	0		0	-100	0			0	0	-100
	Sub-total				150	150	150	150	0	600	0	600	0	0	0	0	600	0	0	0	0	0	600
WAS906380 HIG	HLAND CREEK WWTP - ODOUR CO	NTROL																					
0 1 ODO ENG	OUR CONTROL UPGRADES - PHASE G	1 CW	S2	04	1,310	1,280	1,600	780	5	4,975	0	4,975	0	0	398	0	4,577	0	0	0	0	0	4,975
0 2 ODC CON	OUR CONTROL UPGRADES PHASE NST	1 CW	S2	02	16,140	13,700	14,200	14,320	10,000	68,360	0	68,360	0	0	5,504	0	62,856	0	0	0	0	0	68,360
	OUR CONTROL UPGRADES - PHASE G-2015 SC	1 CW	S3	04	-805	195	320	320	800	830	0	830	0	0	71	0	759	0	0	0	0	0	830
	OUR CONTROL UPGRADES - PHASE NSTR-2015 SC	1 CW	S3	02	-1,140	3,300	800	680	-4,425	-785	0	-785	0			0	-719	0		0	0	0	-785
	Sub-total				15,505	18,475	16,920	16,100	6,380	73,380	0	73,380	0	0	5,907	0	67,473	0	0	0	0	0	73,380
WAS906486 ASH	HBRIDGES BAY T.P III YR2004																				· <u> </u>		
0 3 PCS	S-PLANT SRVS	CW	S2	04	1,530	50	30	0	0	1,610	0	1,610	0	0	129	0	1,481	0	0	0	0	0	1,610
0 4 LAN	NDSCAPE SITE DESIGN	CW	S2	04	0	0	0	0	0	0	800	800	0	0	0	0	800	0	0	0	0	0	800
0 45 LAN	NDSCAPE SITE DESIGN - 2015 SC	CW	S3	04	0	0	0	0	0	0	-800	-800	0	0	0	0	-800	0	0	0	0	0	-800

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							Curre	nt and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year (Cash Flov	w Commi	tments	Financed	Ву		
Sub Pric		<u>iject No.</u> <u>Project Name</u> pProj No. Sub-project Name	Ward :	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal [Development Charges	F Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Rec	Debt - overable	Total Financing
WAS	906486	ASHBRIDGES BAY T.P III YR2004																						
0	46	PCS-PLANT SRVS-2015 SC	CW	S3	04	-35	0	0	0	0	-35	0	-35	0	0	-3	0	-32	0	(0 0	0	0	-35
		Sub-total				1,495	50	30	0	0	1,575	0	1,575	0	0	126	0	1,449	0		0 0	0	0	1,575
WAS	906487	HIGHLAND CREEK T.P IV YR2004																						
0	2	PCS PLANT SERVICES	CW	S2	04	108	3	0	0	0	111	0	111	0	0	9	0	102	0	(0 0	0	0	111
0	20	PCS PLANT SERVICES-2015 SC	CW	S3	04	-45	117	0	0	0	72	0	72	0	0	6	0	66	0	(0 0	0	0	72
		Sub-total				63	120	0	0	0	183	0	183	0	0	15	0	168	0	(0 0	0	0	183
WAS	906488	HUMBER T.P II YR2004																						
0	2	PCS PLANT SERVICES	CW	S2	04	180	5	7	0	0	192	0	192	0	0	15	0	177	0	(0 0	0	0	192
0	22	PCS PLANT SERVICES-2015 SC	CW	S3	04	-25	0	0	7	0	-18	0	-18	0	0	-1	0	-17	0	(0 0	0	0	-18
		Sub-total				155	5	7	7	0	174	0	174	0	0	14	0	160	0	(0 0	0	0	174
WAS	906492	WET WEATHER FLOW MP																						
0	1	SWM INA-EA	CW	S2	04	610	150	150	150	0	1,060	0	1,060	0	0	85	0	975	0	(0 0	0	0	1,060
0	2	WWFMP - PUBLIC EDUCATION	CW	S2	04	500	500	0	0	0	1,000	0	1,000	0	0	80	0	920	0	(0 0	0	0	1,000
0	14	WWFMP IMPLEMENTATION - DESIGN&CONTRACT ADMIN	CW	S2	04	1,132	1,000	500	0	0	2,632	0	2,632	0	0	212	0	2,420	0	(0 0	0	0	2,632
0	15	WWF MONITORING STATIONS	CW	S2	04	0	0	0	500	200	700	400	1,100	0	0	88	0	1,012	0	(0 0	0	0	1,100
0	44	SWM CONVEYANCE 2013	CW	S2	04	319	0	0	0	0	319	0	319	0	0	26	0	293	0	(0 0	0	0	319
0	51	SWM CONVEYANCE 2014	CW	S2	04	4,299	0	0	0	0	4,299	0	4,299	0	0	0	0	4,299	0	(0 0	0	0	4,299
0	57	SWM CONVEYANCE 2014 - 2015 SC	CW	S3	04	-2,048	974	0	0	0	-1,074	0	-1,074	0	0	0	0	-1,074	0	(0 0	0	0	-1,074
0	58	SWM CONVEYANCE 2015	CW	S4	04	1,034	1,267	767	0	0	3,068	0	3,068	0	0	0	0	3,068	0	(0 0	0	0	3,068
0	59	STORM WATER POND ASSESSMENT & CLEANING	CW	S4	03	200	1,000	1,000	2,200	2,200	6,600	0	6,600	0	0	0	0	6,600	0	(0 0	0	0	6,600
0	60	Ashbridges Bay Landforms	CW	S4	04	5,333	15,689	3,390	8,668	0	33,080	0	33,080	0	0	0	0	33,080	0	(0 0	0	0	33,080
0	62	SWM INA/EA-2015 SC	CW	S3	04	-25	400	200	50	50	675	0	675	0	0	54	0	621	0	(0 0	0	0	675
0	63	WWFMP IMPLEMENTATION - DESIGN-2015 SC	CW	S3	04	1,467	700	850	0	0	3,017	0	3,017	0	0	243	0	2,774	0	(0 0	0	0	3,017
0	64	WET WEATHER FLOW MONITORING STATIONS-2015 SC	CW	S3	04	0	0	0	-500	-200	-700	-400	-1,100	0	0	-88	0	-1,012	0	(0 0	0	0	-1,100

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and F	uture Year	Cash Flo	ow Comm	itments	Financed	Ву		
<u>Su</u> Pri		ject No. Project Name Proj No. Sub-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	Rec	Debt - overable	Total Financing
WA	906492	WET WEATHER FLOW MP																						
0	66	SWM CONVEYANCE 2013- 2015 SC	CW	S3	04	681	292	0	0	0	973	0	973	С	0	79	0	894	0	(0	0	0	973
		Sub-total				13,502	21,972	6,857	11,068	2,250	55,649	0	55,649	0	0	779	0	54,870) 0	() 0	0	С	55,649
WA:	906495	SEWER ASSET PLANNING																						
0	5	Sewer Asset Planning	CW	S2	03	1,825	615	0	0	0	2,440	0	2,440	С	0	196	0	2,244	0	(0	0	0	2,440
0	7	Sewer System Inspection	CW	S2	03	14,184	12,000	12,000	12,000	11,000	61,184	4,000	65,184	С	0	0	0	65,184	0	(0	0	0	65,184
0	21	PPD - INFRASTRUCTURE PLANNING STUDIES	CW	S2	05	180	0	0	0	0	180	0	180	С	0	0	0	180	0	(0	0	0	180
0	25	SEWER ASSET PLANNING - 2015 SC	CW	S3	03	675	2,804	4,000	2,400	500	10,379	0	10,379	C	0	835	0	9,544	0	(0	0	0	10,379
0	26	SEWER SYSTEM INSPECTION-2015 SC	CW.	S3	03	-5,176	1,213	-1,055	-2,049	1,000	-6,067	12,495	6,428	C	0	0	0	6,428	3 0	(0	0	0	6,428
0	27	PPD - INFRASTRUCTURE PLANNING STUDIES-2015 SC	CW	S3	05	-30	150	0	0	0	120	0	120	C	0	0	0	120	0	(0	0	0	120
		Sub-total				11,658	16,782	14,945	12,351	12,500	68,236	16,495	84,731	0	0	1,031	0	83,700	0	() 0	0	C	84,731
WA:	906500	NEW SEWER CONSTRUCTION																						
0	5	NEW SEWERS	CW	S2	05	810	0	0	0	0	810	0	810	С	0	504	0	306	6 0	(0	0	0	810
0	23	NEW SEWERS - 2015 SC	CW	S3	05	-310	1,000	0	0	0	690	0	690	С	0	429	0	261	0	(0	0	0	690
0	24	WATERFRONT SANITARY MASTER SERVICING PLAN IMP	CW	S4	05	1,000	3,000	5,000	5,000	5,000	19,000	25,000	44,000	С	0	22,000	0	22,000	0	(0	0	0	44,000
0	25	DOWNSVIEW LANDS EXTERNAL UPGRADES	CW	S4	05	2,000	4,000	2,000	0	0	8,000	0	8,000	C	0	8,000	0	0	0	(0	0	0	8,000
		Sub-total				3,500	8,000	7,000	5,000	5,000	28,500	25,000	53,500	0	0	30,933	0	22,567	′ 0	() 0	0	C	53,500
WA	906735	DIST SEWER REHAB OPS YR2005																						
0	10	GROUP 1 SEWAGE PUMPING STATION UPGRADES	CW	S2	03	388	12	0	0	0	400	0	400	C	0	32	0	368	3 0	(0	0	0	400
		Sub-total				388	12	0	0	0	400	0	400	0	0	32	0	368	3 0	() 0	0	С	400
WA	906741	HIGHLAND CREEK TP YR2005																						
0	1	WAS THICKENING AND DEWATERING ENG	CW	S2	03	317	313	0	5	0	635	0	635	С	0	51	0	584	0	(0	0	0	635
0	17	WAS THICKENING AND DEWATERING - ENG-2015 SC	CW	S3	03	-195	-198	5	-5	0	-393	0	-393	С	0	-32	0	-361	0	(0	0	0	-393
		Sub-total				122	115	5	0	0	242	0	242	0	0	19	0	223	3 0	() 0	0	C	242
WA:	906742	HUMBER TP YR2005																						
0	6	HEADHOUSE UPGRADES Phase 1	CW	S2	03	40	0	0	0	0	40	0	40	С	0	4	0	36	5 0	(0	0	0	40

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Report Phase 5 - Program 11 Wastewater Program Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07

CITY OF TORONTO

Gross Expenditures (\$000's)

DIVISIONAL SECURITY - 2015 SC

FACILITY RENOVATION - 2015 SC

PCS UPGRADES FOR WASTEWATER

TREATMENT - 2015 SC

DESIGNATED SUBSTANCE ABATEMENT - CW S3

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89

2015 SC

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S3

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CW S3

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Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Wastewater Program **Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By** Debt -Capital Federal Development Charnes Reserves Funds Total Total Sub- Project No. Project Name Reserve from Recoverable Total Grants and 2015 2016 2017 2018 2019 2020-2024 Current PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 2015-2024 Other 1 Other 2 Debt WAS906742 HUMBER TP YR2005 0 8 ODOUR CONTROL ENGINEERING CW S2 04 1,213 421 100 101 1,835 1,835 n Ω 0 1 835 0 1,835 53 ODOUR CONTROL ENGINEERING-2015 CW S3 560 1,329 74 -1 101 2,063 2,063 2,063 0 2,063 HEADHOUSE UPGRADES PHASE 1 - 2015 CW S3 -20 0 54 -20 0 0 0 -20 -20 0 Ω -2 0 -18 0 0 0 101 3,918 3,918 0 0 3,918 Sub-total 1,793 1,750 174 100 0 0 2 0 3,916 0 0 WAS906743 ASHRIDGES BAY TP YR2005 Process & Equip Upgrades CW S2 660 322 458 82 1,522 1,522 123 1,399 0 1,522 M & T IMPROVEMENTS (EQUIPMENT) CW S2 1,026 0 1,026 1,026 0 1,026 03 0 0 Ω Ω 1.026 S2 8,917 SERVICE AIR UPGRADES 03 4,900 2,850 550 617 8,917 8,917 0 8,917 0 0 0 SERVICE AIR UPGRADES - 2015 SC -529 CW S3 03 -2,500-450 2,450 -29 -529 -5290 0 0 -529 0 0 0 52 MISC MECH ENGINEERING-2015 SC CW S3 03 -480 583 -183 768 688 688 0 54 0 634 0 0 0 688 53 M & T RETROFIT-2015 SC CW S3 164 409 0 0 573 573 0 0 0 573 O n 0 573 Sub-total 3.770 3,714 3,275 1,438 12,197 12,197 0 177 0 12,020 0 0 0 12,197 WAS906755 WESTERN BEACHES RETROFIT 5.565 0 WESTERN BEACHES RETROFIT CW S2 03 3.015 2.550 0 0 5.565 5.565 447 5.118 0 10 WESTERN BEACHES RETROFIT-2015 SC CW S3 -1,812 1,550 1,000 0 738 738 0 60 0 678 0 0 0 738 Sub-total 1,203 4,100 1,000 0 6.303 6,303 0 0 507 0 5.796 0 0 0 0 6,303 WAS906926 OPERATIONAL SUPPORT FACILITY RENOVATION 1,000 1,000 1,000 1,000 1,000 **RENOVATION - MERTON STREET** 360 360 0 7 CW S2 04 360 0 0 360 0 0 360 0 150 0 23 HAND HELD DEVICES - UPDATED CW S2 04 150 0 0 0 150 150 0 0 0 150 0 0 0 40 WWTP PLC PLATFORM UPGRADE CW S2 04 3,642 5,500 5,000 4,300 500 18,942 18,942 0 0 0 18,942 0 0 0 18,942

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CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cui	rrent and F	uture Year	Cash Flo	w Commi	tments F	inanced	Ву		
Sub Pric		oject No. Project Name DProj No. Sub-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	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
WAS	906926	OPERATIONAL SUPPORT																						
0	92	NORTHLINE: BUILDING DEMO AND PAVING	CW	S4	01	300	0	0	0	0	300	0	300	С	C	0	0	300	0	0	0	0	0	300
0	93	EMP MONITORING NEEDS-2015 SC	CW	S3	04	-100	50	50	0	0	0	0	О	c	C	0	0	0	0	0	0	0	0	0
		Sub-total				4,110	4,330	5,824	5,780	5,393	25,437	50	25,487	0	C	0	0	25,487	0	0	0	0	0	25,487
WAS	906958	SEWER SYSTEM REHABILITATION																						
0	2	Group 2 & 3 Sewage P.S. Upgrades	CW	S2	03	34	0	0	0	0	34	0	34	c	C	3	0	31	0	0	0	0	0	34
0	5	CCTV Inspection	CW	S2	03	1,000	1,000	0	0	0	2,000	0	2,000	c	C	0	0	2,000	0	0	0	0	0	2,000
0	8	SPS SCADA UPGRADES - ENGINEERING	G CW	S2	04	600	13	12	0	0	625	0	625	c	C	50	0	575	0	0	0	0	0	625
0	9	SEWER REHABILITATION	CW	S2	03	22,111	37,700	37,700	0	0	97,511	0	97,511	C	C	0	0	97,511	0	0	0	0	0	97,511
0	23	SEWAGE PUMPING STATION STANDBY POWER	CW	S2	02	810	0	0	0	0	810	0	810	C	C	65	0	745	0	0	0	0	0	810
0	24	GROUP 5 SEWAGE PUMPING STATION CAPACITY UPGRADES	CW	S2	05	3,250	6,250	5,250	4,020	20	18,790	0	18,790	С	C	1,514	0	17,276	0	0	0	0	0	18,790
0	67	GROUPS 2,3&4 SEWAGE PS UPGRADE - 2015 SC	S CW	S3	03	754	0	0	0	0	754	0	754	С	C	60	0	694	0	0	0	0	0	754
0	68	SEWAGE PUMPING STATION STANDBY POWER - 2015 SC	CW	S3	02	-688	252	0	0	0	-436	0	-436	С	C	-35	0	-401	0	0	0	0	0	-436
0	69	GROUP 5 SEWAGE PUMPING STATION UPGRADES - 2015 SC	CW	S3	05	-2,216	-2,000	1,050	2,280	3,645	2,759	1,056	3,815	С	C	305	0	3,510	0	0	0	0	0	3,815
0	70	CCTV INSPECTION-2015 SC	CW	S3	03	200	200	0	0	0	400	0	400	С	C	0	0	400	0	0	0	0	0	400
0	71	SPS SCADA UPGRADES - ENGINEERING-2015 SC	CW	S3	04	0	487	0	0	0	487	0	487	С	C	39	0	448	0	0	0	0	0	487
0	72	SEWER REHABILITATION-2015 SC	CW	S3	03	8,942	-4,080	-13,600	4,500	0	-4,238	0	-4,238	С	C	0	0	-4,238	0	0	0	0	0	-4,238
0	73	LATERAL REHAB- 2015 SC	CW	S3	03	271	0	0	0	0	271	0	271	С	C	0	0	271	0	0	0	0	0	271
		Sub-total				35,068	39,822	30,412	10,800	3,665	119,767	1,056	120,823	0	C	2,001	0	118,822	0	0	0	0	0	120,823
WAS	906960	STREAM RESTORATION & EROSION CO	NTRC																					
0	1	HIGHLAND CREEK STREAM RESTORATION	CW	S2	04	1,000	0	0	0	0	1,000	0	1,000	С	C	80	0	920	0	0	0	0	0	1,000
0	7	STREAM RESTORATION	CW	S2	03	7,533	5,370	2,500	310	160	15,873	790	16,663	C	C	1,342	0	15,321	0	0	0	0	0	16,663
0	26	STREAM RESTORATION-CRITICAL LOCATIONS	CW	S2	03	500	0	0	0	0	500	0	500	С	C	0	0	500	0	0	0	0	0	500
0	34	HIGHLAND CREEK STREAM RESTORATION - 2015 SC	CW	S3	04	-1,000	0	0	0	0	-1,000	0	-1,000	c	C	-80	0	-920	0	0	0	0	0	-1,000
0	35	STREAM RESTORATION - 2015 SC	CW	S3	03	4,828	1,525	2,389	1,716	1,655	12,113	-740	11,373	С	C	914	0	10,459	0	0	0	0	0	11,373

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	iture Year	Cash Flov	w Commit	ments F	inanced I	Зу		
<u>Sul</u> Prid		<u>ject No. Project Name</u> pProj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds	Capital from Current (Other 1	Other2	Recov	bt - /erable	Total Financing
	_	STREAM RESTORATION & EROSION CO	NTRC																					
0	36	STREAM RESTORATION - CRITICAL LOCATIONS - 2015 SC	CW	S3	03	-500	0	0	0	0	-500	0	-500	C	0	0	0	-500	0	0	0	0	0	-500
		Sub-total				12,361	6,895	4,889	2,026	1,815	27,986	50	28,036	0	0	2,256	0	25,780	0	0	0	0	0	28,036
WAS	906964	CONVEYANCE CONTROLS - REPLC & R	EHAB																					
0	18	COATSWORTH CUT - PHASE 1 WATER QUALITY IMP	CW	S2	04	64	0	0	0	0	64	0	64	С	0	0	0	64	0	0	0	0	0	64
0	28	COATSWORTH CUT PHASE 1 WATER QUALITY IMP-2015 SC	CW	S3	04	-20	0	0	0	0	-20	0	-20	С	0	0	0	-20	0	0	0	0	0	-20
		Sub-total				44	0	0	0	0	44	0	44	0	0	0	0	44	0	0	0	0	0	44
WAS	906966	SWM TRCA FUNDING																						
0	18	TORONTO WATER TRANSFER TO TRCA CAPITAL - 2015 SC	CW	S3	04	4,069	0	0	0	0	4,069	0	4,069	C	0	327	0	3,742	0	0	0	0	0	4,069
		Sub-total				4,069	0	0	0	0	4,069	0	4,069	0	0	327	0	3,742	0	0	0	0	0	4,069
WAS	906968	ENGINEERING																						
0	2	CONSULTING FEES	CW	S2	03	5,298	5,874	5,912	5,445	4,160	26,689	5,016	31,705	C	0	0	0	31,705	0	0	0	0	0	31,705
0	54	ROAD RESTORATION - 2015 SC	CW	S3	03	1,400	1,249	0	0	0	2,649	0	2,649	С	0	0	0	2,649	0	0	0	0	0	2,649
0	55	CONSULTING FEES - 2015 SC	CW	S3	03	2,127	2,182	-867	-2,792	-3,909	-3,259	-3,950	-7,209	C	0	0	0	-7,209	0	0	0	0	0	-7,209
0	56	ECS SALARIES - 2015 SC	CW	S3	03	12,199	0	0	0	0	12,199	0	12,199	С	0	0	0	12,199	0	0	0	0	0	12,199
		Sub-total				21,024	9,305	5,045	2,653	251	38,278	1,066	39,344	0	0	0	0	39,344	0	0	0	0	0	39,344
WAS	906973	SEWER REPLACEMENT PROGRAM																						
0	24	SEWAGE FORCEMAIN REPLACEMENT	CW	S2	03	1,662	0	0	0	0	1,662	0	1,662	C	0	0	0	1,662	0	0	0	0	0	1,662
0	25	SEWER REPLACEMENT 2012	CW	S2	03	2,122	0	0	0	0	2,122	0	2,122	С	0	0	0	2,122	0	0	0	0	0	2,122
0	35	SEWER REPLACMENT - 2013 PROGRAM	1 CW	S2	03	3,204	0	0	0	0	3,204	0	3,204	С	0	259	0	2,945	0	0	0	0	0	3,204
0	36	SEWER REPLC - 2014 PROGRAM	CW	S2	03	13,580	2,000	0	0	0	15,580	0	15,580	С	0	0	0	15,580	0	0	0	0	0	15,580
0	44	COXWELL TRUNK EMERGENCY REPAIR	cw	S2	03	1,559	0	0	0	0	1,559	0	1,559	С	0	0	0	1,559	0	0	0	0	0	1,559
0	46	WATERFRONT STORMWATER INFRASTRUCTURE	CW	S2	04	2,750	0	0	0	0	2,750	0	2,750	С	0	1,544	0	1,206	0	0	0	0	0	2,750
0	47	WATERFRONT SANITARY SERVICING INFRASTRUCTURE	CW	S2	04	3,561	0	0	0	0	3,561	0	3,561	С	0	2,324	0	1,237	0	0	0	0	0	3,561
0	52	SEWER REPLACEMENT - METROLINX	CW	S2	03	2,245	1,608	1,096	603	0	5,552	0	5,552	С	0	0	0	5,552	0	0	0	0	0	5,552
0	59	FORCEMAIN REPLACEMENT - 2015 SC	CW	S3	03	-1,000	1,505	5	0	0	510	0	510	C	0	0	0	510	0	0	0	0	0	510

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

_		tor i rogram																						
							Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year	Cash Flo	w Commi	itments F	inanced	Ву		
Sub Pric		ect No. Project Name Proj No. Sub-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 Recover Debt	able	Total Financing
WAS	906973	SEWER REPLACEMENT PROGRAM																						
0	60	SEWER REPLC - 2014 PROGRAM - 2015 SC	CW	S3	03	-3,593	104	0	0	0	-3,489	0	-3,489	0	0	0	0	-3,489	0	0	0	0	0	-3,489
0	61	SEWER REPLACEMENT - METROLINX - 2015 SC	CW	S3	03	-2,188	-1,551	804	1,297	1,786	148	0	148	0	0	0	0	148	0	0	0	0	0	148
0	62	SEWER REPLC - 2015 PROGRAM	CW	S4	03	10,635	6,732	5,491	0	0	22,858	0	22,858	0	0	1,840	0	21,018	0	0	0	0	0	22,858
0	63	2012 SEWER REPLC-2015 SC	CW	S3	03	-803	1,279	0	0	0	476	0	476	0	0	0	0	476	0	0	0	0	0	476
0	64	2013 SEWER REPLC-2015 SC	CW	S3	03	-1,844	517	0	0	0	-1,327	0	-1,327	0	0	-108	0	-1,219	0	0	0	0	0	-1,327
0	65	WATERFRONT STORMWATER INFRASTRUCTURE - 2015 SC	CW	S3	04	6,500	4,000	0	0	0	10,500	0	10,500	0	0	7,121	0	3,379	0	0	0	0	0	10,500
0	66	WATERFRONT SANITARY SERVICING INFR - 2015 SC	CW	S3	04	7,439	4,020	0	0	0	11,459	0	11,459	0	0	7,498	0	3,961	0	0	0	0	0	11,459
0	67	COXWELL EMERGENCY TRUNK REPAIR- 2015 SC	CW	S3	03	-1,383	54	0	0	0	-1,329	0	-1,329	0	0	0	0	-1,329	0	0	0	0	0	-1,329
		Sub-total				44,446	20,268	7,396	1,900	1,786	75,796	0	75,796	0	0	20,478	0	55,318	0	0	0	0	0	75,796
WAS	906980	ASHBRIDGES BAY T.P. YR2006																						
0	8	MEDIATION AGREEMENT IMPLEMENTATION - PART 2	CW	S2	04	25	0	0	0	0	25	0	25	0	0	2	0	23	0	0	0	0	0	25
0	9	DEWATERING EQUIPMENT UPGRADES	CW	S2	03	2,030	2,226	0	0	0	4,256	0	4,256	0	0	343	0	3,913	0	0	0	0	0	4,256
0	36	DEWATERING EQUIPMENT UPGRADES-2015 SC	CW	S3	03	-1,220	-1,716	1,049	0	0	-1,887	0	-1,887	0	0	-153	0	-1,734	0	0	0	0	0	-1,887
0	37	MEDIATION AGREEMENT IMPLEMENTATION- 2015 SC	CW	S3	04	-25	0	0	0	0	-25	0	-25	0	0	-2	0	-23	0	0	0	0	0	-25
		Sub-total				810	510	1,049	0	0	2,369	0	2,369	0	0	190	0	2,179	0	0	0	0	0	2,369
WAS	906981	HIGHLAND CREEK WWTP UPGRADES																					寸	
0	1	PROCESS & FACILITY UPGRADE	CW	S2	04	2,780	1,323	610	620	620	5,953	459	6,412	0	0	0	0	6,412	0	0	0	0	0	6,412
0	3	BIOSOLIDS TREATMENT UPGRADES	CW	S2	03	10,892	20,650	20,081	9,150	30	60,803	0	60,803	0	0	4,917	0	55,886	0	0	0	0	0	60,803
0	5	TRANSFORMERS AND SWITCHGEAR	CW	S2	05	0	1,000	1,250	1,690	1,200	5,140	0	5,140	0	0	414	0	4,726	0	0	0	0	0	5,140
0	7	MECH & ELECTRICAL UPGRADE ENGINEERING	CW	S2	03	1,467	57	0	0	0	1,524	0	1,524	0	0	0	0	1,524	0	0	0	0	0	1,524
0	8	DIGESTER GAS SYSTEM UPGRADES	CW	S2	03	1,785	4,950	4,680	50	0	11,465	0	11,465	0	0	0	0	11,465	0	0	0	0	0	11,465
0	16	MECH SYSTEMS UPGRADES - CONSTR	CW	S2	03	731	0	0	0	0	731	0	731	0	0	0	0	731	0	0	0	0	0	731
0	23	ELECTRICAL UPGRADES-ECAR	CW	S2	03	2,357	3,135	590	2,720	4,800	13,602	0	13,602	0	0	0	0	13,602	0	0	0	0	0	13,602
0	31	ELEC SYSTEM UPGRADES - CONSTR	CW	S2	03	1,076	0	0	0	0	1,076	0	1,076	0	0	0	0	1,076	0	0	0	0	0	1,076

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

							Curre	ent and Fu	ture Year	Cash Flov	w Commitm	nents			Cur	rent and Fu	ıture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Sub Pric		<u>ject No.</u> <u>Project Name</u> Proj No. Sub-project Name	Vard :	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 - Recovera Debt	able	Total Financing
WAS	906981	HIGHLAND CREEK WWTP UPGRADES																						
0	32	CEPA COMPLIANCE - CL NOTICE - HCTP	CW	S2	02	2,050	300	0	0	0	2,350	0	2,350	0	0	0	0	2,350	0	0	0	0	0	2,350
0	80	DIGESTER CLEANING, REHAB AND IMPROVEMENTS #4-7	CW	S2	03	2,704	0	0	0	0	2,704	0	2,704	0	0	0	0	2,704	0	0	0	0	0	2,704
0	83	PLANT FIRM CAPACITY - CONCEPT DESIGN	CW	S2	03	25	0	0	0	0	25	0	25	0	0	0	0	25	0	0	0	0	0	25
0	84	TRANSFORMERS AND SWITCHGEAR - 2015 SC	CW	S3	05	0	-500	-750	-1,190	800	-1,640	14,000	12,360	0	0	994	0	11,366	0	0	0	0	0	12,360
0	85	MECH SYSTEM UPGRADES - CONSTR - 2015 SC	CW	S3	03	-681	762	0	0	0	81	0	81	0	0	0	0	81	0	0	0	0	0	81
0	86	CEPA COMPLIANCE - CL NOTICE - HCTP - 2015 SC	CW	S3	02	-2,000	150	2,000	0	0	150	0	150	0	0	0	0	150	0	0	0	0	0	150
0	87	DIGESTER CLEANING, REHAB AND IMPRO #4-7 - 2015 SC	CW	S3	03	-1,690	1,500	1,300	0	0	1,110	0	1,110	0	0	0	0	1,110	0	0	0	0	0	1,110
0	90	PROCESS IMPROVEMENTS (ROADMAP FOR RCM)	CW	S4	03	50	150	50	0	0	250	0	250	0	0	0	0	250	0	0	0	0	0	250
0	91	PROCESS, EQUIPMENT, FACILITY UPGRADES	CW	S4	03	555	735	125	0	0	1,415	0	1,415	0	0	0	0	1,415	0	0	0	0	0	1,415
0	92	PLANT WIDE CONCRETE TUNNEL REPAIR	CW	S4	03	600	2,650	4,150	3,600	1,400	12,400	0	12,400	0	0	0	0	12,400	0	0	0	0	0	12,400
0	94	PROCESS & FACILITY UPGRADE-2015 SC	CW	S3	04	8	787	340	55	107	1,297	509	1,806	0	0	0	0	1,806	0	0	0	0	0	1,806
0	95	BIOSOLIDS TREATMENT UPGRADES -2015 SC	CW	S3	03	-530	-2,260	-13,986	-9,030	90	-25,716	70	-25,646	0	0	-2,073	0	-23,573	0	0	0	0	0	-25,646
0	96	MECH & ELECTRICAL UPGRADE ENGINEERING-2015 SC	CW	S3	03	-1,299	1,521	45	0	0	267	0	267	0	0	0	0	267	0	0	0	0	0	267
0	97	ELEC SYSTEM UPGRADES - CONSTR-2015 SC	CW	S3	03	-776	1,383	0	0	0	607	0	607	0	0	0	0	607	0	0	0	0	0	607
0	98	DIGESTER GAS SYSTEM UPGRADES-2015 SC	CW	S3	03	-710	-375	-80	-40	0	-1,205	0	-1,205	0	0	0	0	-1,205	0	0	0	0	0	-1,205
0	99	ELECTRICAL UPGRADES - ECAR-2015 SC	CW	S3	03	63	-556	0	0	0	-493	0	-493	0	0	0	0	-493	0	0	0	0	0	-493
0	100	PLANT FIRM CAPACITY - CONCEPT DESIGN-2015 SC	CW	S3	03	0	25	0	0	0	25	0	25	0	0	0	0	25	0	0	0	0	0	25
0	102	LIQUID TRAIN - ENGINEERING	CW	S4	03	200	4,100	5,500	6,500	8,600	24,900	15,480	40,380	0	0	0	0	40,380	0	0	0	0	0	40,380
		Sub-total				19,657	41,487	25,905	14,125	17,647	118,821	30,518	149,339	0	0	4,252	0	145,087	0	0	0	0	0	149,339
WAS	906982	HUMBER WWTP UPGRADES																						
0	2	Chlorine Building Upgrade	CW	S2	01	3,066	25	25	0	0	3,116	0	3,116	o	0	0	0	3,116	0	0	0	0	0	3,116
0	5	FLOOD PROTECTION	CW	S2	02	250	0	0	0	0	250	0	250	o	0	0	0	250	0	0	0	0	0	250
0	6	NEW SUBSTATION	CW	S2	03	2,080	3,015	0	0	0	5,095	0	5,095	o	0	0	0	5,095	0	0	0	0	0	5,095
0	7	ELECTRICAL CONDITION ASSESSMENT RECOMMENDATIONS	CW	S2	01	2,129	3,525	2,425	2,250	1,750	12,079	1,750	13,829	0	0	0	0	13,829	0	0	0	0	0	13,829

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Wastewater Program **Current and Future Year Cash Flow Commitments** Current and Future Year Cash Flow Commitments Financed By Debt Capital Federal Development Charnes Reserves Funds Total Total Sub- Project No. Project Name Reserve from Recoverable Total Grants and 2015 2016 2017 2018 2019 2020-2024 Current PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 2015-2024 Other 1 Other 2 Debt WAS906982 HUMBER WWTP UPGRADES 0 8 NEW GROUNDSKEEPING BUILDING and CW S2 350 n 0 n 350 350 n Ω n 0 350 0 350 RAS Control Room 29 ADMIN BUILDING EXPANSION CW S2 04 350 400 0 750 750 750 0 750 5,600 **HVAC UPGRADES** 5,600 5,600 52 CW S2 03 3,950 1,620 20 10 Ω n 0 5.600 0 0 0 ADMIN BUILDING EXPANSION - 2015 SC 73 CW S3 -250 -150 300 100 260 260 310 570 570 0 0 0 570 74 HVAC UPGRADES - 2015 SC CW S3 03 -3,400 3,064 3,337 3,012 3,012 0 0 0 3,012 n 0 0 3,012 0 75 HYDRAULIC ASSESSMENT CW S4 0.3 50 200 0 Ω 250 250 n Ω Ω 0 250 n n n 0 250 76 CHLORINE FACILITY UPGRADE-2015 SC CW S3 -19 914 9 0 904 904 0 904 0 0 0 904 ELECTRICAL CONDITION ASSESSMENT -1,057 -1,750 -2,746 -2.746 77 CW S3 -750 -996 0 0 01 -2.3572.518 650 n Ω n Ω -2 746 n 0 NEW SUBSTATION-2015 SC CW S3 668 -2,536 -1,865 -1,865 -1.865 0 -1,865 79 NEW GROUNDSKEEPING BUILDING-2015 CW S3 850 227 1,077 1,077 1,077 0 0 1,077 0 0 Ω Ω Ω Ω n SC FLOOD PROTECTION-2015 SC -250 -250 80 CW S3 02 -250 0 0 0 -250 -250 0 0 0 BUILDING UPGRADES ENGINEERING-440 0 85 CW S3 370 60 10 0 440 440 0 0 0 0 440 0 0 0 30,382 30,382 Sub-total 9,137 8,007 8,647 3,018 1,263 30,072 0 0 0 0 30,382 0 0 0 0 WAS906994 HIGHLAND CREEK WWTP - SOLIDS & GAS HA HCTP BIOSOLIDS IMPLEMENTATION -CW S2 4,300 3,000 3,000 3,000 2,000 15,300 500 15,800 1,270 14 530 15,800 **ENGINEERING** WAS THICKENING AND DEWATERING CW S2 3,000 568 7,047 0 3 0.3 4.047 Ω n 7,047 7,047 n Ω Ω 6.479 n n Ω HIGHLAND CREEK WWTP - BMP -3.004 4.000 996 13 CW S3 04 -3.654 100 1.050 -1.500 1.000 996 81 915 0 0 0 0 IMPLEMENTATION - 2015 SC 0 14 WAS THICKENING - CONSTR-2015 SC CW S3 -2.900 -47 0 0 -2,947 -2,947 0 0 -238 -2,709 0 0 0 -2,947 Sub-total 746 7.100 4.050 1,500 3,000 16.396 4.500 20.896 0 0 1.681 0 19.215 0 0 0 0 20.896 WAS907038 Land Acquisition for Source Water Protect TRCA - CRITICAL EROSION SITES 7,000 7,000 7,000 7,000 564 6,436 TRCA - SCARBOROUGH WATERFRONT CW S3 1.500 1,500 1,500 0 14 0 0 0 1,500 0 0 0 0 1,500 Ω 0 0 0 TRAIL EA - 2015 SC Sub-total 8,500 0 0 0 8,500 8,500 0 564 0 7,936 0 0 0 0 8,500 WAS907097 ASHBRIDGES BAY WWTP - BUILDING SERVIC CONTROLLED SUBSTANCE S2 02 270 270 270 270 IDENTIFICATION AND ABATEMENT

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

		_					Curr	ent and Fi	uture Year	Cash Flo	w Commitr	nents			Cui	rent and F	uture Year	Cash Flor	w Comm	itments l	inanced	Bv		
																. 3 4114 1	1041		Capital			Debt -	\top	
Sub Price		<u>pject No.</u> <u>Project Name</u> bProj No. Sub-project Name	Wai	d Stat	t. 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	from Current	Other 1	Other2	Recovera		Total Financing
		ASHBRIDGES BAY WWTP - BUILDIN			oa						2010 2010		2010 2021	Subsidies									Ť	aog
0	19	CITY IMPROVEMENTS RE: TH COGE	EN C	N S2	04	1,050	1,300	2,500	2,200	1,000	8,050	50	8,100	0	0	0	0	8,100	0	C	0	0	0	8,100
0	21	BLOWER BLDG AND OLD NORTH SUBSTAION IMPROVEMENTS	C	N S2	04	2,647	2,805	60	0	0	5,512	0	5,512	О	0	0	0	5,512	0	C	0	0	0	5,512
0	50	CONTROLLED SUBS IDENTIFICATION&ABATEMENT-2015		N S3	02	-170	100	0	0	0	-70	0	-70	О	0	0	0	-70	0	C	0	0	0	-70
0	51	CITY IMPROVEMENTS RE: TH COGE 2015 SC	EN - C	N S3	04	-900	-400	-1,200	-200	-950	-3,650	0	-3,650	o	0	0	0	-3,650	0	C	0	0	0	-3,650
0	53	BLOWER BLDG & OLD NORTH SUBSTATION IMPRO-2015 SC	C	N S3	04	-1,947	-1,045	1,890	1,095	10	3	0	3	o	0	0	0	3	0	C	0	0	0	3
		Sub-total				950	2,760	3,250	3,095	60	10,115	50	10,165	0	0	0	0	10,165	0	C	0	0	0	10,165
WAS	907098	ASHBRIDGES BAY WWTP - EFFLUE	NT SYSTI	.										İ									+	
0	1	ABTP DISINFECTION ENGINEERING		- W S2	02	1,899	3,500	4,410	1,610	889	12,308	250	12,558	0	0	1,012	0	11,546	0	C	0	0	0	12,558
0	13	ABTP OUTFALL ASSESSMENT	C	N S2	02	1,300	0	0	0	0	1,300	0	1,300	О	0	105	0	1,195	0	C	0	0	0	1,300
0	14	OUTFALL ENGINEERING	C	W S4	02	100	7,000	7,000	1,400	5,000	20,500	12,800	33,300	О	0	2,679	0	30,621	0	C	0	0	0	33,300
0	21	DISINFECTION ENGINEERING - 2015	SC C	N S3	02	-1,149	210	929	390	61	441	40	481	o	0	37	0	444	0	C	0	0	0	481
0	22	OUTFALL ASSESSMENT - 2015 SC	C	N S3	02	-1,290	1,020	0	0	0	-270	0	-270	o	0	-22	0	-248	0	C	0	0	0	-270
		Sub-total				860	11,730	12,339	3,400	5,950	34,279	13,090	47,369	0	0	3,811	0	43,558	0	C	0	0	0	47,369
WAS	907099	ASHBRIDGES BAY WWTP - LIQUID T	REATME	1																				
0	1	FINE BUBBLE AERATION IMPLEMENTATION	C	N S2	03	9,500	8,000	0	0	0	17,500	0	17,500	o	0	1,409	0	16,091	0	C	0	0	0	17,500
0	3	PRIMARY TREATMENT UPGRADE CO	ONT C	N S2	03	25,175	29,500	33,500	28,000	0	116,175	0	116,175	o	0	9,336	0	106,839	0	C	0	0	0	116,175
0	6	M & T PUMPING STATION CRITICAL REPAIRS	C'	N S2	03	5,250	2,670	0	0	0	7,920	0	7,920	o	0	0	0	7,920	0	C	0	0	0	7,920
0	7	Primary and Secondary Tanks Rehabili	tation C'	N S2	03	1,900	600	0	0	0	2,500	0	2,500	O	0	201	0	2,299	0	C	0	0	0	2,500
0	10	INTERGRATED PUMPING STATION - ENGINEERING	C'	N S2	03	4,500	7,050	7,050	7,000	6,500	32,100	14,733	46,833	O	0	0	0	46,833	0	C	0	0	0	46,833
0	12	WORK AREA 1 REHAB	C'	N S2	03	2	0	0	0	0	2	0	2	O	0	0	0	2	0	C	0	0	0	2
0	39	INTEGRATED PUMPING STATION - CONSTRUCTION	C'	N S2	03	0	10,000	35,000	45,000	45,000	135,000	190,000	325,000	o	0	0	0	325,000	0	C	0	0	0	325,000
0	57	INTEGRATED PUMPING STATION (IF ENG - 2015 SC	'S) - C'	N S3	03	-1,550	-2,400	-2,000	-1,000	-500	-7,450	5,267	-2,183	o	0	0	0	-2,183	0	C	0	0	0	-2,183
0	58	WORK AREA 1 REHAB - 2015 SC	C	N S3	03	0	2	0	0	0	2	0	2	О	0	0	0	2	0	C	0	0	0	2
0	59	Primary and Final Tank Upgrades - 201	5 SC C	W S3	03	1,000	-5	0	0	0	995	0	995	0	0	81	0	914	0	C	0	0	0	995

21,918

Report Phase 5 - Program 11 Wastewater Program Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01.02.03.04.05.06.07 User Fields ALL

CITY OF TORONTO

Gross Expenditures (\$000's)

BIOFILTERS UPGRADE

CW S2

03

7,054

8,742

6,122

Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Wastewater Program **Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By** Debt -Capital Federal Development Charnes Reserves Funds Total Total Sub- Project No. Project Name Recoverable Reserve from Total Grants and 2015 2016 2017 2018 2019 2020-2024 Current PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 2015-2024 Other 1 Other 2 Debt WAS907099 ASHBRIDGES BAY WWTP - LIQUID TREATMEN M & T PUMPING STATION CRITICAL 0 60 CW S3 0.3 -1,050 3,000 0 n 1,950 1,950 n n 0 1 950 0 1,950 REPAIRS - 2015 SC 61 FINE BUBBLE AERATION - TANK #2-2015 CW S3 -2,700-7,630 0 -10,330 -10,330 -832 -9,498 0 -10,330 SC P BLDG HEADWORKS UPGRADE-2015 CW S3 -8,500 -15,314 -15,314 -15,314 0 62 03 555 5,500 -12.869 0 0 -1.2180 -14.096 0 0 0 INTEGRATED PUMPING STATION (IPS) -0 63 CW S3 -9.000 -10.000 -19.000 19.000 0 CONS-2015 SC 491,050 491,050 Sub-total 42,582 47,287 55,050 66,131 51,000 262,050 229,000 0 0 8,977 0 482,073 0 0 0 0 WAS907100 ASHBRIDGES BAY WWTP - SOLIDS & GAS HA WASTE ACTIVATED SLUDGE UPGRADE - CW S2 2,680 2,500 2,000 2,000 14,180 2,100 16,280 1,310 14,970 0 0 16,280 0 3 5.000 n n 0 n ENGINEERING **DIGESTERS 9-12 REFURBISHMENT** 31,190 0 CW S2 03 800 11,000 11,010 8,310 40 31,160 30 31,190 2,509 0 28,681 0 0 0 **BIOSOLIDS PELLETIZER RETROFIT** 400 0 8 CW S2 03 400 0 0 0 400 400 0 0 400 0 0 0 0 25 PELLETIZER TRUCK LOADING FACILITY CW S2 03 1.450 0 0 0 1.450 1.450 0 0 0 1.450 0 0 0 1.450 **UPGRADES** 0 31 WASTE ACTIVATED SLUDGE UPGRADE - CW S3 -1,180 -3,000 2,096 0 -2,084 2,000 -84 O -6 0 -78 O 0 0 -84 ENG - 2015 SC DIGESTERS 9-12 REFURBISH-2015 SC -10,400 2.390 4,670 -2.600 5.730 252 2.878 0 3,130 0 33 CW S3 0.3 -200 940 3,130 0 0 O 0 n 34 PELLETIZER TRUCK LOADING FACILITY S3 -950 725 500 500 775 775 775 0 0 775 UPGRADES-2015 SC 400 0 35 BIOSOLIDS PELLETIZER RETROFIT-CW S3 03 400 0 400 400 0 0 O 400 O 0 0 0 Ω n 2015 SC 53,541 3.000 43,681 9.860 53,541 Sub-total 3.725 17,046 13.200 6,710 0 0 4,065 0 49,476 0 0 0 0 WAS907101 ASHBRIDGES BAY WWTP - O&M UPGRADES PROCESS & EQUIP UPGRADES CW S2 03 0 0 69 69 0 69 MESI UPGRADES CW S2 3,490 3.490 3.490 3.490 n 3 490 n 0 0 6 0.3 Ω Ω 0 n Ω n Ω n MISC MECH REHAB CW S2 03 5,600 6,000 0 11,600 11,600 11,600 0 11,600 MISC MECH REHAB - 2015 SC CW S3 -3 499 3,000 0 22 03 500 0 Ω n n n 0 BOILER #4 DESIGN - 2015 SC 57 CW S3 03 0 57 5 57 MESI UPGRADES - 2015 SC 5,210 0 24 CW S3 0.3 -390 3,100 2,500 0 5.210 5.210 0 0 0 0 5,210 0 0 0 0 20,427 Sub-total 5,270 9,657 5,500 0 20,427 20,427 0 0 0 20,427 0 0 0 0 WAS907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL

21,918

21,918

1,764

20,154

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

-		iter i rogiam																						
							Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year	Cash Flo	w Commi	itments F	inanced	Зу		
Sub Prio		<u>ject No.</u> <u>Project Name</u> Proj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Recov	bt - rerable	Total Financing
WAS	907102	ASHBRIDGES BAY WWTP - ODOUR CONT	TROL																					
0	13	D BUILDING TREATMENT & BIOFILTER	CW	S2	03	1,613	0	0	0	0	1,613	0	1,613	0	0	130	0	1,483	0	0	0	0	0	1,613
0	32	BIOFILTERS UPGRADE & REPLACEMENT - 2015 SC	CW	S3	03	-4,611	2,800	2,278	122	0	589	0	589	0	0	48	0	541	0	0	0	0	0	589
0	33	D BUILDING TREATMENT & BIOFILTER-2015 SC	CW	S3	03	-1,413	1,145	0	0	0	-268	0	-268	0	0	-22	0	-246	0	0	0	0	0	-268
		Sub-total				2,643	12,687	8,400	122	0	23,852	0	23,852	0	0	1,920	0	21,932	0	0	0	0	0	23,852
WAS	907104	HUMBER WWTP - LIQUID TREATMENT &	HAN																					
0	2	SECONDARY TREATMENT UPGRADES	CW	S2	03	8,593	3,491	3,225	3,112	3,930	22,351	800	23,151	0	0	21	0	23,130	0	0	0	0	0	23,151
0	18	SECONDARY TREATMENT UPGRADES -2015 SC	CW	S3	03	537	2,643	800	488	-348	4,120	3,075	7,195	0	0	2,422	0	4,773	0	0	0	0	0	7,195
0	19	SECONDARY TREATMENT UPGRADES - SOUTH - CONS	CW	S4	03	200	20,000	45,000	45,000	45,000	155,200	84,800	240,000	0	0	19,322	0	220,678	0	0	0	0	0	240,000
		Sub-total				9,330	26,134	49,025	48,600	48,582	181,671	88,675	270,346	0	0	21,765	0	248,581	0	0	0	0	0	270,346
WAS	907105	HUMBER WWTP - O&M UPGRADES																						
0	1	Digester 7 & 8 Upgrades & Cogen Upgrades	s CW	S2	03	12,217	3,804	0	0	0	16,021	0	16,021	0	0	0	0	16,021	0	0	0	0	0	16,021
0	2	LIQUID STREAM UPGRADES	CW	S2	03	250	0	0	0	0	250	0	250	0	0	20	0	230	0	0	0	0	0	250
0	27	GAS COMPRESSOR SYSTEM UPGRADES-2015 SC	CW	S3	03	-2,633	2,073	4,850	0	0	4,290	0	4,290	0	0	0	0	4,290	0	0	0	0	0	4,290
0	28	LIQUID STREAM UPGRADES-2015 SC	CW	S3	03	-250	0	0	0	0	-250	0	-250	0	0	-20	0	-230	0	0	0	0	0	-250
		Sub-total				9,584	5,877	4,850	0	0	20,311	0	20,311	0	0	0	0	20,311	0	0	0	0	0	20,311
WAS	907106	HUMBER WWTP - ODOUR CONTROL																						
0	1	Odour Control Implementation Phase 1	CW	S2	02	15,000	20,000	20,000	5,000	0	60,000	0	60,000	0	0	4,829	0	55,171	0	0	0	0	0	60,000
0	11	ODOUR CONTROL IMPLEMENTATION - PHASE 1-2015 SC	CW	S3	02	17,730	-8,250	-16,615	-5,000	0	-12,135	0	-12,135	0	0	-977	0	-11,158	0	0	0	0	0	-12,135
		Sub-total				32,730	11,750	3,385	0	0	47,865	0	47,865	0	0	3,852	0	44,013	0	0	0	0	0	47,865
WAS	907224	SEWAGE PUMPING STATION UPGRADES	<u>i</u>																					
0	1	SPS UPGRADES	CW	S2	02	7,302	2,050	400	0	0	9,752	0	9,752	0	0	785	0	8,967	0	0	0	0	0	9,752
0	2	SCOTT STREET PS UPGRADES	CW	S2	05	20	0	0	0	0	20	0	20	0	0	2	0	18	0	0	0	0	0	20
0	4	SUNNYSIDE AND MARYPORT SPS UPGRADES	CW	S2	03	1,137	2	0	0	0	1,139	0	1,139	0	0	91	0	1,048	0	0	0	0	0	1,139
0	22	SUNNYSIDE SPS REHAB - 2015 SC	CW	S3	03	443	1	3	0	0	447	0	447	0	0	36	0	411	0	0	0	0	0	447
0	23	SCOTT ST PS -2015 SC	CW	S3	05	-6	64	0	0	0	58	0	58	0	0	4	0	54	0	0	0	0	0	58

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Wastewater Program **Current and Future Year Cash Flow Commitments** Current and Future Year Cash Flow Commitments Financed By Debt -Capital Sub- Project No. Project Name Total Total Reserve Recoverable Federal Development Subsidy Charges Reserves Funds from Total Grants and Subsidies 2020-2024 2015-2024 Current Other 1 Other 2 Debt PrioritySubProj No. Sub-project Name 2015 2016 2017 2018 2019 Ward Stat. Cat. 2015-201 Financing WAS907224 SEWAGE PUMPING STATION UPGRADES SPS UPGRADES-2015 SC -400 948 CW S3 02 -331 1,679 0 948 948 Ω 0 76 0 872 0 Ω 0 0 Sub-total 3,796 3 0 12,364 12,364 0 11,370 0 12,364 WAS907559 DON & WATERFRONT TRUNK CSO DON & WATERFRONT TRUNK/CSO PKG 1 CW S2 04 6,989 11,697 10,347 10,347 11,000 50,380 5,800 56,180 4,521 0 51,659 0 56,180 - DESIGN Don&Waterfront Trunk/CSO Design CW S3 04 -6,347 -16,903 16,047 -856 -68 -788 0 -856 0 10 -839 904 -4,801 -5,820 0 0 0 0 0 0 PH1-2015 SC 33,477 55,324 55,324 Sub-total 6,150 12,601 4,000 5,546 5,180 21,847 0 4,453 0 50,871 0 0 0 WAS907700 NORTH TORONTO WTP UPGRADES 0 WA 0 WA 0

0	2	NTTP-ELECTRICAL UPGRADES	CW	S2	01	915	777	522	253	0	2,467	0	2,467	0	0	0	0	2,467	0	0	0	0	0	2,467
0	8	NTTP - ELECTRICAL UPGRADES - ECAR 2015 SC	- CW	S3	01	-913	-25	-22	-3	0	-963	0	-963	0	0	0	0	-963	0	0	0	0	0	-963
		Sub-total				2	752	500	250	0	1,504	0	1,504	0	0	0	0	1,504	0	0	0	0	0	1,504
WAS	08143	Georgetown South City Infrastructure Upgra	ades																				\top	
0	1	Georgetown South City Infrastructure Upgrades	CW	S4	05	5,680	0	0	0	0	5,680	0	5,680	0	0	0	0	5,680	0	0	0	0	0	5,680
		Sub-total				5,680	0	0	0	0	5,680	0	5,680	0	0	0	0	5,680	0	0	0	0	0	5,680
WAS	NP003	EMERY CREEK POND																						
0	1	EMERY CREEK POND	CW	S2	04	5,412	550	0	0	0	5,962	0	5,962	0	0	478	0	5,484	0	0	0	0	0	5,962
0	13	EMERY CREEK POND - 2015 SC	CW	S3	04	-1,512	523	0	0	0	-989	0	-989	0	0	-78	0	-911	0	0	0	0	0	-989
		Sub-total				3,900	1,073	0	0	0	4,973	0	4,973	0	0	400	0	4,573	0	0	0	0	0	4,973
WASI	NP050	EQUIPMENT REPLACEMENT & REHABIL	<u>ITATIC</u>																				\top	
0	35	MTI REAL TIME CONTROL	CW	S2	04	0	0	2,000	2,000	0	4,000	0	4,000	0	0	0	0	4,000	0	0	0	0	0	4,000
1	78	North Primaries Pumping Equipment	CW	S2	03	2,900	2,330	1,155	0	0	6,385	0	6,385	0	0	0	0	6,385	0	0	0	0	0	6,385
0	127	EQUIPMENT REPLACEMENT-2015 SC	CW	S3	03	-2,520	2,340	2,065	1,890	20	3,795	30	3,825	0	0	0	0	3,825	0	0	0	0	0	3,825
0	128	REHAB OF SOUTH PRIMARY CLARIFIERS- 2015 SC	CW	S3	03	6	188	0	0	0	194	0	194	0	0	0	0	194	0	0	0	0	0	194
		Sub-total				386	4,858	5,220	3,890	20	14,374	30	14,404	0	0	0	0	14,404	0	0	0	0	0	14,404
Tot	al Pr	ogram Expenditure				466,685	510,174	487,279	367,727	261,546	2,093,411	599,564	2,692,975	0	0	130,122	02	,562,853	0	0	0	0	0 2	2,692,975

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Report 7Ca

Report Phase 5 - Program 11 Wastewater Program Program Phase 5 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2015 Council Approved Cash Flow and Future Year Commitments

Wastewater Program																			
		C	urrent and	Future Ye	ar Cash F	low Comn	nitments ar	d Estimate	s		Curren	t and Future	Year Cash Flow	Commitme	ents and	Estimate	s Finance	ed By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name War	d Stat. Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal De Subsidy	evelopment Charges F	Reserve Reserves Funds	Capital from Current	Other 1	Other2	Red	Debt - coverable	Total Financing
Financed By: Development Charges		31,598	27,997	19,445	13,273	10,293	102,606	27,516	130,122	0	0	130,122	0	0 ()	0 C	0	0	130,122
Reserve Funds (Ind."XR" Ref.)		435,087	482,177	467,834	354,454	251,253	1,990,805	572,048	2,562,853	0	0	0	0 2,562,85	3 ()	0 0	0	0	2,562,853
Total Program Financing		466,685	510,174	487,279	367,727	261,546	2,093,411	599,564	2,692,975	0	0	130,122	0 2,562,85	3 ()	0 0	0	0	2,692,975

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 New (On-going or Phased Projects)

Category Code Description

S5

04

01 Health and Safety C01 Legislated C02

03 State of Good Repair C03

Service Improvement and Enhancement C04

Growth Related C05 06 Reserved Category 1 C06 07 Reserved Category 2 C07

Appendix 5

2015 Capital Budget with Financing Detail

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail Water Program

Sub-Project Summary

Project/F	inancing			2015					Financ	cing				
Priority I	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
0 WA	T000004 HORGAN W.T.P. EXPANSION													
0	2 PLANT EXPANSION - DESIGN & CONSTR ADMIN	01/01/20041	2/31/2014	940	0	0	300	0	339	0	0	301		0 0
0	18 SUPERNATANT AND FORCEMAIN INSTALLATION	01/01/20121	2/31/2013	4,500	0	0	1,438	0	3,062	0	0	0		0 0
0	32 SUPERNATANT & FORCEMAIN-2015 SC	01/01/20151	2/31/2024	-2,000	0	0	-639	0	-1,361	0	0	0		0 0
0	33 PLANT EXPANSION - DESIGN & CONSTR ADMIN-2015 S	C 01/01/20151	2/31/2024	-562	0	0	-179	0	-203	0	0	-180		0 0
0	34 PLANT EXPANSION - CONSTRUCTION-2015 SC	01/01/20151	2/31/2024	-357	0	0	-114	0	-129	0	0	-114		0 0
1	5 PLANT EXPANSION - CONSTRUCTION	07/01/20081	2/31/2015	975	0	0	312	0	351	0	0	312		0 0
		Project Sub-	total:	3,496	0	0	1,118	0	2,059	0	0	319		0 0
0 WA	T000014 WATER STORAGE EXPANSION		·											
0	1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN	01/01/2007 1	2/31/2015	5	0	0	3	0	2	0	0	0		0 0
0	2 Milliken PS and Reservoir - Engineering	01/01/2007 1	2/31/2013	70	0	0	29	0	15	0	0	26		0 0
0	48 DUFFERIN RES. EXT DESIGN&CONT. ADMIN - 2015 SC	01/01/20151	2/31/2024	45	0	0	28	0	17	0	0	0		0 0
0	49 MILLIKEN PS&RESERVOIR-DESIGN&CONT&ADMIN - 20	15 01/01/20151	2/31/2024	77	0	0	32	0	16	0	0	29		0 0
		Project Sub-	total:	197	0	0	92	0	50	0	0	55		0 0
0 WA	T000018 CLARK RESIDUE MGMT. FACILITIES			İ										,
0	24 RESIDUALS RETROFITS & UPGRADES	01/01/20131	2/31/2015	380	0	0	0	0	380	0	0	0		0 0
		Project Sub-	total:	380	0	0	0	0	380	0	0	0		0 0
0 WA	T000021 WATER EFFICIENCY PROGRAM	-												
0	10 ICI INDOOR WATER AUDIT	01/01/20031	2/31/2016	300	0	0	300	0	0	0	0	0		0 0
0	11 PUBLIC EDUCATION & PROMOTIONS	01/01/20031		150	0	0	150	0	0	0	0	0		0 0
0	12 ANCILLARY COSTS	01/01/20031		70	0	0	70	0	0	0	0	0		0 0
		Project Sub-	total:	520	0	0	520	0	0	0	0	0		0 0
0 WA	T000340 ISLAND PLANT WINTERIZATION	•												
0	1 PLANT WINTERIZATION & SUMMERIZATION	01/01/20091	2/31/2014	444	0	0	0	0	444	0	0	0		0 0
0	14 PLANT WINTERIZATION & SUMMERIZATION-2015 SC	01/01/20151		-388	0	0	0	0	-388	0	0	0		0 0
-		Project Sub-	total:	56	0	0	0	0	56	0	0	0		0 0
0 WA	T000363 ENGINEERING STUDIES	•		<u> </u>										
0	2 IMPROVED TREATMENT STUDIES	05/01/2007 1	2/31/2014	413	0	0	0	0	413	0	0	0		0 0
0	18 Controlled Substances ID and Abatement	08/04/20061		200	0	0	0	0	200	0	0	0		0 0
0	31 ENERGY EFFICIENCY IMPLEMENTATION	01/01/20141		106	0	0	0	0	106	0	0	0		0 0
0	38 CORROSION CONTROL	01/01/2011 1		1,401	0	0	85	0	1,316	0	0	0		0 0
0	59 CORROSION CONTROL - 2015 SC	01/01/20151	2/31/2024	-552	0	0	-33	0	-519	0	0	0		0 0
	60 IMPROVED TREATMENT STUDIES - 2015 SC				0	0								0 0

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/l	Financing		2015					Financ	cing				
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
0 WA	T000363 ENGINEERING STUDIES												
0	61 ENERGY EFFICIENCY IMPLEMENTATION-2015 SC	01/01/2015 12/31/2024	52	0	0	0	0	52	0	0	0		0 0
		Project Sub-total:	1,647	0	0	52	0	1,595	0	0	0		0 0
0 WA	T906334 BUSINESS SYSTEM INFRASTRUCTURE - PW												
0	7 NETWORK EQUIPMENT REPLACEMENT	01/01/200812/31/2021	1,545	0	0	0	0	1,545	0	0	0		0 0
0	8 NETWORK CABLE LIFECYCLE REPLACEMENT	01/01/2008 12/31/2014	5,816	0	0	0	0	5,816	0	0	0		0 0
0	12 PCS LEGACY ALARM IMPROVEMENT	01/01/201412/31/2023	1,350	0	0	0	0	1,350	0	0	0		0 0
0	23 RELIABILITY IMPROVEMENT PROGRAM	01/01/201312/31/2022	200	0	0	0	0	200	0	0	0		0 0
0	41 BUSINESS & TECH IMPROVEMENT - PHASE 2	01/01/201212/31/2014	2,732	0	0	0	0	2,732	0	0	0		0 0
0	42 WTP WS PLC PLATFORM UPGRADE AND PCS IMPROVE	EM 01/01/201212/31/2013	3,727	0	0	0	0	3,727	0	0	0		0 0
0	63 NETWORK CABLE LIFE CYCLE REPLACEMENT - 2015 S	C 01/01/201512/31/2024	-4,281	0	0	0	0	-4,281	0	0	0		0 0
0	64 RELIABILITY IMPROVEMENT PROGRAM - 2015 SC	01/01/201512/31/2024	685	0	0	0	0	685	0	0	0		0 0
0	65 SCADA UPGRADES FOR WWT - 2015 SC	01/01/2015 12/31/2024	-125	0	0	0	0	-125	0	0	0		0 0
0	66 PCS UPGRADES FOR WATER SUPPLY - 2015 SC	01/01/2015 12/31/2024	-1,657	0	0	0	0	-1,657	0	0	0		0 0
0	67 SCADA UPGRADES FOR WWT - II	01/01/2015 12/31/2024	501	0	0	0	0	501	0	0	0		0 0
0	68 NETWORK EQUIPMENT LIFE CYCLE REPLACEMENT-20	015 01/01/2015 12/31/2024	-1,165	0	0	0	0	-1,165	0	0	0		0 0
0	69 PCS LEGACY ALARM IMPROVEMENT -2015 SC	01/01/201512/31/2024	-600	0	0	0	0	-600	0	0	0		0 0
0	70 TRUNK RADIO SYSTEM - HYDRO PARTNERSHIP	01/01/201512/31/2024	1,600	0	0	0	0	1,600	0	0	0		0 0
		Project Sub-total:	10,328	0	0	0	0	10,328	0	0	0		0 0
<u>0</u> WA	T906340 METERING & METER READING SYS												
0	2 AUTOMATED METER READING SYSTEM	10/15/2007 12/31/2016	45,656	0	0	0	0	45,656	0	0	0		0 0
0	14 AUTOMATED METER READING SYSTEM - 2015 SC	01/01/201512/31/2024	-18,736	0	0	0	0	-18,736	0	0	0		0 0
		Project Sub-total:	26,920	0	0	0	0	26,920	0	0	0		0 0
0 WA	T906467 AVENUE ROAD TRUNKMAIN REPLACEMENT												
0	2 AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWRE	=N(07/01/2009 06/30/2014	1,310	0	0	660	0	405	0	0	245		0 0
0	6 JOS-AVENUE RD WM ENG-HI LEVEL-LAWRENCE	01/01/201212/31/2015			0	20	0	12	0	0	7		0 0
0	26 JOS-AVENUE RD WM CONS-HI LEVEL-LAWRENCE - 20	15 :01/01/201512/31/2024	-995	0	0	-501	0	-308	0	0	-186		0 0
		Project Sub-total:	354	0	0	179	0	109	0	0	66		0 0
0 WA	T906468 HORGAN TRUNK MAIN EXPANSION	.,		1									
0	1 JOS - HORGAN TO ELLESMERE WM - ENGINEERING	01/01/200312/31/2018	402	0	0	153	0	119	0	0	130		0 0
0	3 HORGAN TO ELLESMERE - CONSTRUCTION	01/01/2006 12/31/2018			0	190	0	148	0	0	162		0 0
0	41 JOS - HORGAN TO ELLESMERE WM - ENG - 2015 SC	01/01/2006 12/31/2016			0	189	0	147	0		162		0 0
0	42 JOS - HORGAN TO ELLESMERE WM - CONS - 2015 SC	01/01/2015 12/31/2024			0	-190	0	-148	0	0	-162		0 0
O	12000 HOROMATO ELLEGIMENTE VIIII - OCINO - 2010 OC	Project Sub-total:	900	0	0	342	0	266	0		292		0 0
		i rojeci sub-total.	900	<u> </u>	<u> </u>	342		200					0 0

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Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/	Financing		2015					Finan	cing				
Priority	Project Name	Start Date Comp		Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
<u>o</u> <u>w</u>	AT906470 ISLAND W.T.P. R&R												
0	8 CHEMICAL & RESIDUALS MNGT - ENG	01/01/201212/31	/2021 700	0	0	0	0	700	0	0	0		0 0
0	11 CHEMICAL & RESIDUALS MANAGMENT CONST	01/01/2015 12/31	/2024 150	0	0	9	0	141	0	0	0		0 0
0	27 CHEMICAL & RESIDUALS MANAGMENT ENG - 2015 SC	01/01/2015 12/31	/2024 -13 ⁻	0	0	0	0	-131	0	0	0		0 0
		Project Sub-tota	l: 719	0	0	9	0	710	0	0	0		0 0
<u>o</u> <u>w</u>	AT906471 FJ HORGAN W.T.P. R&R												
0	24 HVAC REHAB & SCRUBBER ENGINEERING	01/01/2015 12/31	/2024 84	1 0	0	0	0	84	0	0	0		0 0
		Project Sub-tota	l: 84	0	0	0	0	84	0	0	0		0 0
0 W	AT906481 DISTRICT WATERMAINS - NEW			İ									
0	1 DIST W/MAINS NEW	01/01/2004 12/31	/2013 350	0	0	0	0	350	0	0	0		0 0
0	13 DIST W/MAINS NEW - 2015 SC	07/02/2014 07/02	/2014 -24	0	0	102	0	-350	0	0	0		0 0
		Project Sub-tota	l: 102	0	0	102	0	0	0	0	0		0 0
0 W	AT906483 PW ENGINEERING												
0	2 CAPITAL PRGMG & FACILITY ASSET PLANNING	01/01/2004 06/30	/2014 99:	2 0	0	0	0	992	0	0	0		0 0
0	5 WATERMAIN ASSET PLANNING	01/01/2007 12/31	/2015 1,409	0	0	352	0	1,057	0	0	0		0 0
0	7 EASEMENT ACQUISITION	01/03/2007 12/31	/2015 17	0	0	0	0	175	0	0	0		0 0
0	22 WATER LOSS REDUCTION STRATEGY	01/01/2012 12/31	/2013 588	0	0	0	0	588	0	0	0		0 0
0	49 CAPITAL PROG & FACILITY ASSET PLANNING - 2015 SC	01/01/2015 12/31	/2024 220	0	0	0	0	220	0	0	0		0 0
0	50 WATERMAIN ASSET PLANNING - 2015 SC	01/01/2015 12/31	/2024 -493	0	0	-123	0	-370	0	0	0		0 0
0	51 EASEMENT ACQUISITION - 2015 SC	01/01/2015 12/31	/2024 12	5 0	0	0	0	125	0	0	0		0 0
0	52 JOS UPDATE PHASE II	01/01/2015 12/31	/2024 500	0	0	0	0	500	0	0	0		0 0
0	54 WATER LOSS REDUCTION STRATEGY-2015 SC	01/01/2015 12/31	/2024 -120	0	0	0	0	-126	0	0	0		0 0
		Project Sub-tota	3,390	0	0	229	0	3,161	0	0	0		0 0
<u>0 W</u>	AT906749 DOWNTOWN W/M ENHANCEMENT												
0	1 JOS - GERRARD ST WM - ENGINEERING	03/01/2005 12/31	/2017 378	0	0	75	0	14	0	0	289		0 0
0	4 JOS - GERRARD ST WM - CONSTRUCTION	01/01/2009 12/31	/2015 13,920	0	0	2,771	0	504	0	0	10,645		0 0
0	38 JOS - GERRARD ST WM - CONSTRUCTION -2015 SC	01/01/2015 12/31	/2024 -2,730	0	0	-544	0	-99	0	0	-2,093		0 0
0	39 JOS - GERRARD ST WM - ENGINEERING- 2015 SC	01/01/201512/31	/2024 370	0	0	74	0	13	0	0	283		0 0
		Project Sub-tota	11,932	0	0	2,376	0	432	0	0	9,124		0 0
<u>0 W</u>	AT906752 TRANSMISSION R&R												
0	49 TRUNK WATERMAIN REHAB	01/01/201312/31	/2015 250	0	0	0	0	250	0	0	0		0 0
0	51 CAST IRON TRUNK REPLC - PHASE 2	10/09/201210/09	/2012 5,088	0	0	0	0	5,088	0	0	0		0 0
0	52 CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	01/01/2014 12/31	/2023 600	0	0	0	0	600	0	0	0		0 0
0	63 TRUNK WATERMAIN REHAB - 2015 SC	01/01/2015 12/31	/2024 44	0	0	0	0	445	0	0	0		0 0



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project Name Signat Debis Control Cont					ina	Financ					2015		cina	Project/Financing
0 WAT906752 TRANSMISSION R&R 0 0 0 0 0 1,154 0 0 0 0 1,154 0 0 0 0 1,154 0	Debt - Recoverable	Debt	Other 2	Other 1	Capital	Reserve	Reserves		Federal Subsidy	Grants	tion Cash Flow		•	
Color Colo					Current					Subsidies			TO TRANSMISSION DOD	0 14/47000750
0 65 CAST IRON TRUNK REPLC - PHASE 3 - ENG - 2015 SC 01/01/2015 12/31/2024 165 0 0 0 0 165 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						4.454			•	0	004	04/04/004540/04/00		
O 67TRANSF & SW'GEAR REPLACMENT DESIGN - 2015 SC 0101/2015 12/31/2024 165 0 0 0 0 0 11/052 0 0 0 0 0 0 0 0 0	0 0			ŭ		,					<i>'</i>			
NATSOCRAPSICE 11.052	0 0			ŭ			ŭ	•	ŭ					
Nation Color Col	0 0												7 TRANSF & SW GEAR REPLACIMENT DESIGN -2015 SC	0 6/15
0 1 TRANS FACILITIES REHAB					0	11,052	0	0		1	11,052	Project Sub-total:		
0 6 ELLESMERE P.S. UPGRADE 01/01/200912/31/2016 25 0 0 0 6 0 3 0 0 0 16 0 28 SCARBOROUGH PS - PUMP REPLC 01/01/201312/31/2015 50 0 0 0 0 0 550 0 0 0 0 0 0 0 0 0 0														
0 26 SCARBOROUGH PS - PUMP REPLC 01/01/201312/31/2015 550 0 0 0 0 550 0 0 0 0 0 0 0 0 0 0	0 0							•						-
0 27 EGLINTON PS - PUMP REPLC 01/01/2013 12/31/2021 5,250 0 0 0 0,2,250 0 0 0 0 0 36 ST CLAIR RESERVOIR REHAB/WATER QUALITY PROTECTO1/01/2014 12/31/2023 5,250 0 0 0 0 0,5,250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		16	0	0	3	0	6	0)16 25	01/01/2009 12/31/20		
0 36 ST CLAIR RESERVOIR REHAB/WATER QUALITY PROTECT01/01/2014 12/31/2023 5,250 0 0 0 0 5,250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	550	0	0	0	_		01/01/201312/31/20		
0 37 TRANS FACILITIES REHAB - 2015 SC 01/01/201512/31/2024 90 0 0 0 0 0 90 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	2,250	0	0	0	_)15 2,250	01/01/201312/31/20	7 EGLINTON PS -PUMP REPLC	0 27 EC
0 38 ELLESMERE P.S. UPGRADE - 2015 SC 01/01/2015 12/31/2024 - 25 0 0 0 - 6 0 - 3 0 0 0 - 16 0 39 SCARBOROUGH PS - PUMP REPLC - 2015 SC 01/01/2015 12/31/2024 - 95 0 0 0 0 0 - 95 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	5,250	0	0	0)23 5,250	CT01/01/2014 12/31/20		
0 39 SCARBOROUGH PS - PUMP REPLC - 2015 SC 01/01/201512/31/2024 -95 0 0 0 0 -95 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	90	0	0	0	0)24 90	01/01/2015 12/31/20	37 TRANS FACILITIES REHAB - 2015 SC	0 37 TF
0 40 EGLINTON PS - PUMP REPLC - 2015 SC 01/01/201512/31/2024 -383 0 0 0 0 3.383 0 0 0 0 0 41 ST CLAIR RES REHAB/WATER QUALITY PROTECTION-20101/01/201512/31/2024 1,910 0 0 0 0 1,910 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		-16	0	0	-3	0	-6	0	0)24 -25	01/01/2015 12/31/202	88 ELLESMERE P.S. UPGRADE - 2015 SC	0 38 EL
0 41 ST CLAIR RES REHAB/WATER QUALITY PROTECTION-201 01/01/2015 12/31/2024 1,910 0 0 0 1,910 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	-95	0	0	0	0)24 -95	01/01/2015 12/31/202	89 SCARBOROUGH PS - PUMP REPLC - 2015 SC	0 39 SC
0 48 ROSEHILL RESERVOIR 01/01/2015 12/31/2024 600 0 0 0 0 600 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	-383	0	0	0	0)24 -383	01/01/2015 12/31/202	10 EGLINTON PS - PUMP REPLC - 2015 SC	0 40 EC
0 49 DOWNSVIEW PS & CONNECTOR 01/01/2015 12/31/2024 50 0 0 0 0 50 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	1,910	0	0	0	0)24 1,910	201 01/01/2015 12/31/202	11 ST CLAIR RES REHAB/WATER QUALITY PROTECTION-	0 41 ST
0 50 PARKDALE PS REHABILITATION 01/01/2015 12/31/2024 50 0 0 0 0 500 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	600	0	0	0	0)24 600	01/01/2015 12/31/202	18 ROSEHILL RESERVOIR	0 48 RC
0 51 ROSEHILL PS REHAB 01/01/201512/31/2024 50 0 0 0 0 50 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	50	0	0	0	0)24 50	01/01/2015 12/31/202	9 DOWNSVIEW PS & CONNECTOR	0 49 DC
Project Sub-total: 10,922 0 0 0 0 10,922 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	500	0	0	0	0	J24 500	01/01/2015 12/31/203	50 PARKDALE PS REHABILITATION	0 50 PA
0 WAT906902 HARRIS W.T.P. R&R 0 2 BUILDING ENVELOPE REHAB 01/01/2006 12/31/2014 23 0 0 0 0 23 0	0 0		0	0	0	50	0	0	0	0)24 50	01/01/2015 12/31/202	51 ROSEHILL PS REHAB	0 51 RC
0 2 BUILDING ENVELOPE REHAB 01/01/2006 12/31/2014 23 0 0 0 0 23 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	10,922	0	0	0	0	10,922	Project Sub-total:		
0 3 FACILITY & PROCESS UPGRADES 01/01/2006 12/31/2016 500 0 0 0 0 500 0 0 0 0 0 0 0 0 0 0 0													902 HARRIS W.T.P. R&R	0 WAT906902
0 13 FILTER MEDIA REPLACEMENT PH2 01/01/2009 12/31/2016 80 0 0 0 0 80 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	23	0	0	0	0	014 23	01/01/2006 12/31/20	2 BUILDING ENVELOPE REHAB	0 2BL
0 21 HVAC REHAB - CONSTRUCTION 01/01/2012 12/31/2016 1,676 0 0 0 0 1,676 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	500	0	0	0	0	016 500	01/01/2006 12/31/20	3 FACILITY & PROCESS UPGRADES	0 3 FA
0 29 HARRIS FILTERS REHABILITATION 01/01/201512/31/2024 100 0 0 0 0 100 0	0 0		0	0	0	80	0	0	0	0	016 80	01/01/2009 12/31/20	3 FILTER MEDIA REPLACEMENT PH2	0 13 FII
0 56 REHAB OF SETTLING BASIN ROOF & SLUICE GATES 01/01/2013 12/31/2016 11,016 0 0 0 0 11,016 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	1,676	0	0	0	0	016 1,676	01/01/201212/31/20	21 HVAC REHAB - CONSTRUCTION	0 21 H\
0 74 FILTER MEDIA UPGRADE - 2015 SC 01/01/2015 12/31/2024 -80 0 0 0 0 -80 0 0 0 0 0 0 0 0 0 0 0 0	0 0		0	0	0	100	0	0	0	0	024 100	01/01/2015 12/31/20:	29 HARRIS FILTERS REHABILITATION	0 29 HA
0 75 HVAC REHAB CONSTRUCTION - 2015 SC 01/01/2015 12/31/2024 -1,396 0 0 0 -1,396 0 0	0 0		0	0	0	11,016	0	0	0	0	016 11,016	01/01/201312/31/20	66 REHAB OF SETTLING BASIN ROOF & SLUICE GATES	0 56 RE
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0 0		0	0	0	-80	0	0	0	0	024 -80	01/01/2015 12/31/20:	74 FILTER MEDIA UPGRADE - 2015 SC	0 74 FII
0 77 REHAB OF SETTLING BASIN BOOF&SLUICE GATES -2015 01/01/2015 12/31/2024 -5 541 0 0 0 -5 541 0 0 0	0 0		0	0	0	-1,396	0	0	0	0	024 -1,396	01/01/2015 12/31/20	75 HVAC REHAB CONSTRUCTION - 2015 SC	0 75 H\
0 17 NETIAD OF DETICING DAGIN NOOF ROLOTED 2010 01/01/2013 12/31/2024 3,041 0 0 3-3,041 0 0 0	0 0		0	0	0	-5,541	0	0	0	0	024 -5,541	15 01/01/201512/31/20°	77 REHAB OF SETTLING BASIN ROOF&SLUICE GATES -20	0 77 RE
0 79 EXTERIOR SECURITY LIGHTING UPGRADES 01/01/2015 12/31/2024 200 0 0 0 200 0 0 0	0 0		0	0	0	200	0	0	0	0	024 200	01/01/201512/31/20	9 EXTERIOR SECURITY LIGHTING UPGRADES	0 79 E>
0 81 LIQUID CHEMICAL SYSTEM IMPROVEMENTS 01/01/2015 12/31/2024 100 0 0 0 100 0 0 0	0 0		0	0	0	100	0	0	0	0	024 100	01/01/2015 12/31/20	31 LIQUID CHEMICAL SYSTEM IMPROVEMENTS	0 81 LIG
0 82 PD2 OPTIMIZATION 01/01/2015 12/31/2024 500 0 0 0 500 0 0 0	0 0		0	0	0	500	0	0	0	0	024 500	01/01/2015 12/31/20	32 PD2 OPTIMIZATION	0 82 PE
0 83 FACILITY & PROCESS UPGRADES-2015 SC 01/01/2015 12/31/2024 -50 0 0 0 -50 0 0 0	0 0		0	0	0	-50	0	0	0	0	024 -50	01/01/2015 12/31/20	33 FACILITY & PROCESS UPGRADES-2015 SC	0 83 FA

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/	Financing		2015					Financ	ing				
Priority	Project Name	Start Date Completic Date	on Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WA	AT906902 HARRIS W.T.P. R&R												
0	86 BUILDING ENVELOPE REHAB- 2015 SC	01/01/2015 12/31/20	24 -10	0	0	0	0	-10	0	0	0		0 0
0	87 LIQUID CHEMICAL SYSTEM RELOCATION- 2015 SC	01/01/2015 12/31/20	24 8	0	0	0	0	8	0	0	0		0 0
0	88 TRAVELLING SCREEN REPLACEMENT	01/01/2015 12/31/20	24 61	0	0	0	0	61	0	0	0		0 0
		Project Sub-total:	7,187	0	0	0	0	7,187	0	0	0		0 (
0 WA	AT906903 FJ HORGAN W.T.P. R&R												
0	5 FACILITY & PROCESS UPGRADES	01/01/2006 12/31/20	1,579	0	0	0	0	1,579	0	0	0		0 0
0	8 RAW WATER PUMP UPGRADES	01/01/201312/31/20	15 540	0	0	0	0	540	0	0	0		0 0
0	15 REPLACEMENT OF MCCS	01/01/2012 12/31/20	1,570	0	0	0	0	1,570	0	0	0		0 0
0	16 ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT	01/01/2013 12/31/20	16 550	0	0	0	0	550	0	0	0		0 0
0	32 ELEC GROUNDING SYSTEM & BULK CHEM UNLOADING	G I 01/01/201512/31/20	24 150	0	0	0	0	150	0	0	0		0 0
0	34 TREATED WATER PUMP UPGRADES	01/01/2015 12/31/20	24 500	0	0	0	0	500	0	0	0		0 0
0	35 FACILITY & PROCESS UPGRADES-2015 SC	01/01/2015 12/31/20	-906	0	0	0	0	-906	0	0	0		0 0
0	36 REPLACEMENT OF MCCS-2015 SC	01/01/2015 12/31/20	-1,120	0	0	0	0	-1,120	0	0	0		0 0
0	37 RAW WATER PUMP UGRADES-2015 SC	01/01/2015 12/31/20	24 49	0	0	0	0	49	0	0	0		0 0
0	38 OFFSHORE CHLORINATION RELOCATION-2015 SC	01/01/2015 12/31/20	-500	0	0	0	0	-500	0	0	0		0 0
0	39 ACCESS ROAD REPAVING	01/01/2015 12/31/20	1,000	0	0	0	0	1,000	0	0	0		0 0
		Project Sub-total:	3,412	0	0	0	0	3,412	0	0	0		0 (
0 WA	AT906906 TRUNK WATERMAIN EXPANSION												
0	25 JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG	01/01/2012 12/31/20	1,000	0	0	479	0	294	0	0	227		0 (
0	65 JOS - WM Scar PS to St Clair&Midland ENG - 2015 SC	01/01/2015 12/31/20	•		0	-287	0	-177	0	0	-136		0 (
		Project Sub-total:	400	0	0	192	0	117	0	0	91		0 (
0 WA	AT906914 SWITCH GEAR TRANSFORMER	•											
0	13 INDOOR/OUTDOOR SWITCHGEAR (5 Stations Phase 3)	01/01/201212/31/20	15 6,825	0	0	0	0	6,825	0	0	0		0 0
0	27 INDOOR/OUTDOOR SWITCHGEAR (PHASE 3) - 2015 SC				0	0	0	-1.825	0	0			0 (
Ū	27 INDUSTRICE TO SOLVE ON THE PROPERTY OF THE	Project Sub-total:	5,000]	0	0	0	5,000	0	0			0 (
0 14/4	ATOGGOAG WATER CUSTAINARII ITV RROCRAM	r roject oub total.	0,000	<u> </u>				0,000					
	AT906918 WATER SUSTAINABILITY PROGRAM	04/04/004040/04/00				450	•	0.440		•			0
0	1 WATER SUSTAINABILITY PROGRAM	01/01/2012 12/31/20	,		0	158	0	2,442	0	0			0 (
0	9 WATER SUSTAINABILITY STANDBY POWER ELLESMERI				0	-84	0	-1,296	0	0	•		0 (
0	12 STANDBY POWER - ROSEHILL	01/01/2015 12/31/20	ł	 	0	0	0	150	0	0			0 (
		Project Sub-total:	1,370	0	0	74	0	1,296	0	0	0		0 (
<u>0</u> <u>W</u>	AT906919 RL CLARK W.T.P. R&R												
0	1 FACILITY & PROCESS UPGRADES	01/01/200612/31/20	170		0	0	0	170	0	0	0		0 (
0	8 PROCESS EQUIPMENT UPGRADE ENGINEERING	08/08/2006 12/31/20	1,419	0	0	87	0	1,332	0	0	0		0 (

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/F	- - - - - -	ĺ	2015					Financ					
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
<u>0</u> WA	T906919 RL CLARK W.T.P. R&R												
0	15 PROCESS EQUIPMENT UPGRADE CONSTRUCTION	01/01/2010 12/31/2021	14,893	0	0	906	0	13,987	0	0	0		0 0
0	44 EVALUATION & COMMUNICATION SYSTEMS	01/01/2013 12/31/2015	1,314	0	0	0	0	1,314	0	0	0		0 0
0	53 FACILITY & PROCESS UPGRADES - 2015 SC	01/01/2015 12/31/2024	10	0	0	0	0	10	0	0	0		0 0
0	54 PROCESS EQUIPMENT UPGRADE ENGINEERING - 2015	S 01/01/2015 12/31/2024	-744	0	0	-46	0	-698	0	0	0		0 0
0	55 PROCESS EQUIPMENT UPGRADE CONSTRUCTION - 20	1501/01/201512/31/2024	-4,893	0	0	-298	0	-4,595	0	0	0		0 0
0	56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 S	C 01/01/201512/31/2024	225	0	0	0	0	225	0	0	0		0 0
0	57 ELECTRICAL AND HVAC UPGRADES CONSTRUCTION	01/01/2015 12/31/2024	250	0	0	0	0	250	0	0	0		0 0
		Project Sub-total:	12,644	0	0	649	0	11,995	0	0	0		0 0
0 WA	T906930 DIST W/M REPLACEMENT	Ì	ĺ										
0	15 W/M REPLACEMENT - STAND ALONE	01/01/2013 12/31/2014	3,208	0	0	0	0	3,208	0	0	0		0 0
0	29 DIST W/M REPLACEMENT - 2012	05/27/2011 12/01/2013	3,125	0	0	0	0	3,125	0	0	0		0 0
0	39 DIST W/M REPLACEMENT 2013	01/01/2013 12/31/2014	4,450	0	0	0	0	4,450	0	0	0		0 0
0	51 DIST W/M REPLACEMENT - 2014	01/01/2014 12/31/2023	18,469	0	0	0	0	18,469	0	0	0		0 0
0	52 WATERMAIN UPGRADES - 2014	01/01/2014 12/31/2023	5,490	0	0	0	0	5,490	0	0	0		0 0
0	55 WATERMAIN REPLACEMENT - METROLINX	01/01/2014 12/31/2023	625	0	0	0	0	625	0	0	0		0 0
0	57 2010 WM REPLC - 2015 SC	01/01/2015 12/31/2024	6	0	0	0	0	6	0	0	0		0 0
0	58 WM REPLC - STANDALONE - 2015 SC	01/01/2015 12/31/2024	-1,691	0	0	0	0	-1,691	0	0	0		0 0
0	59 2013 WM REPLC - UPGRADES	01/01/2015 12/31/2024	14	0	0	4	0	10	0	0	0		0 0
0	60 DIST W/M REPLACEMENT - 2014 - 2015 SC	01/01/2015 12/31/2024	-4,999	0	0	0	0	-4,999	0	0	0		0 0
0	61 WATERMAIN UPGRADES - 2014 - 2015 SC	01/01/2015 12/31/2024	-404	0	0	0	0	-404	0	0	0		0 0
0	62 WATERMAIN REPLACEMENT - METROLINX - 2015 SC	01/01/2015 12/31/2024	-575	0	0	0	0	-575	0	0	0		0 0
0	63 DIST W/M REPLACEMENT - 2015	01/01/2015 12/31/2024	33,994	0	0	5,286	0	28,708	0	0	0		0 0
0	64 WATERMAIN UPGRADES - 2015	01/01/2015 12/31/2024	6,609	0	0	2,056	0	4,553	0	0	0		0 0
0	65 DIST W/M REPLC - 2012-2015 SC	01/01/2015 12/31/2024	-1,575	0	0	0	0	-1,575	0	0	0		0 0
0	66 2013 WM REPLC - SOGR-2015 SC	01/01/2015 12/31/2024	-4,423	0	0	0	0	-4,423	0	0	0		0 0
		Project Sub-total:	62,323	0	0	7,346	0	54,977	0	0	0		0 0
0 WA	T906932 DIST W/M REHABILITATION	ĺ											
0	4 Hydrant & Valve Repair	01/01/2007 12/31/2013	1,197	0	0	0	0	1,197	0	0	0		0 0
0	6 WATERMAIN STRUCTURAL LINING	08/03/2006 12/31/2013	24,173	0	0	0	0	24,173	0	0	0		0 0
0	7 CATHODIC PROTECTION	01/01/201212/31/2013	4,200	0	0	0	0	4,200	0	0	0		0 0
0	30 CUT REPAIRS	01/01/201012/31/2010	4,371	0	0	0	0	4,371	0	0	0		0 0
0	42 CUT-REPAIR - 2015 SC	01/01/2015 12/31/2024	-1,606	0	0	0	0	-1,606	0	0	0		0 0
0	43 CATHODIC PROTECTION - 2015 SC	01/01/2015 12/31/2024	-103	0	0	0	0	-103	0	0	0		0 0
0	44 HYDRANT & VALVE REPAIR-2015 SC	01/01/2015 12/31/2024	553	0	0	0	0	553	0	0	0		0 0

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/Fi	inancing			2015					Financ	ing				
Priority P	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
<u>0</u> <u>WAT</u>	906932 DIST W/M REHABILITATION													
0	45 WATERMAIN STRUCTURAL LINING-2015 SC	01/01/2015	12/31/2024	18,003	0	0	0	0	18,003	0	0	0		0 0
		Project Sub	-total:	50,788	0	0	0	0	50,788	0	0	0		0 0
0 WAT	906934 DIST WATER SERVICE REPAIR													
0	12 ALL DISTRICT WSR - LEAD REPLACEMENT	01/01/2008	12/31/2013	7,174	0	0	0	0	7,174	0	0	0		0 0
0	19 2010 WSR	01/01/2015	12/31/2024	219	0	0	0	0	219	0	0	0		0 0
0	32 WSR CUT REPAIRS	01/01/2013	12/31/2013	2,186	0	0	0	0	2,186	0	0	0		0 0
0	39 2012 WATER SERVICE REPLACEMENT	01/01/2012	12/31/2013	50	0	0	0	0	50	0	0	0		0 0
0	41 2013 WATER SERVICE REPLACMENT -SOGR	01/01/2013	12/31/2014	2,631	0	0	0	0	2,631	0	0	0		0 0
0	52 2014 WATER SERVICE REPLACEMENT - SOGR	01/01/2014	12/31/2023	4,711	0	0	0	0	4,711	0	0	0		0 0
0	58 WSR CUT REPAIR - 2015 SC	01/01/2015	12/31/2024	-86	0	0	0	0	-86	0	0	0		0 0
0	59 2015 WATER SERVICE REPLACEMENT - SOGR	01/01/2015	12/31/2024	4,500	0	0	0	0	4,500	0	0	0		0 0
0	60 WATER SERVICE REPAIR - LEAD PROGRAM-2015 SC	01/01/2015	12/31/2024	5,004	0	0	0	0	5,004	0	0	0		0 0
0	61 2012 WATER SERVICE REPLC - SOGR-2015 SC	01/01/2015	12/31/2024	-50	0	0	0	0	-50	0	0	0		0 0
0	62 2013 WSR-2015 SC	01/01/2015	12/31/2024	-2,550	0	0	0	0	-2,550	0	0	0		0 0
0	63 2014 WATER SERVICE REPLACEMENT - SOGR-2015 SC	01/01/2015	12/31/2024	-926	0	0	0	0	-926	0	0	0		0 0
0	64 WSR - STANDALONE- 2015 SC	01/01/2015	12/31/2024	71	0	0	0	0	71	0	0	0		0 0
		Project Sub	-total:	22,934	0	0	0	0	22,934	0	0	0		0 0
0 WAT	906935 NEW SERVICE CONNECTIONS													
0	2 NEW SERVICE CONNECTIONS - CUT REPAIRS	01/01/2009	12/31/2013	3,500	0	0	0	0	3,500	0	0	0		0 0
0	7 NEW SERVICE CONNECTIONS - SITE SERVICING	01/01/2010	12/31/2013	14,000	0	0	0	0	14,000	0	0	0		0 0
0	18 NEW SERVICE CONNECTIONS - SITE SERVICING - 2015	S(01/01/2015	12/31/2024	8,002	0	0	0	0	8,002	0	0	0		0 0
0	19 NEW SERVICE CONNECTIONS - CUT REPAIRS - 2015 SC	01/01/2015	12/31/2024	580	0	0	0	0	580	0	0	0		0 0
		Project Sub	-total:	26,082	0	0	0	0	26,082	0	0	0		0 0
0 WAT	906951 ENGINEERING													
0	2 CONSULTING FEES	01/01/2006	12/31/2015	2,975	0	0	0	0	2,975	0	0	0		0 0
0	45 ECS SALARIES	01/01/2014	12/31/2022	12,199	0	0	0	0	12,199	0	0	0		0 0
0	51 ROAD RESTORATION - 2015 SC	01/01/2015	12/31/2024	5,962	0	0	0	0	5,962	0	0	0		0 0
0	52 CONSULTING FEES - 2015 SC	01/01/2015	12/31/2024	6,570	0	0	0	0	6,570	0	0	0		0 0
0	53 LEGAL SERVICES SALARIES - 2015 SC	01/01/2015	12/31/2024	197	0	0	0	0	197	0	0	0		0 0
0	56 PPFA SALARIES	01/01/2015	12/31/2024	2,292	0	0	0	0	2,292	0	0	0		0 0
		Project Sub	-total:	30,195	0	0	0	0	30,195	0	0	0		0 0
0 WAT	906977 ISLAND W.T.P. R&R													
0	1 FACILITY & PROCESS UPGRADES	01/01/2006	12/31/2016	1,278	0	0	0	0	1,278	0	0	0		0 0
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CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/	t/Financing		2015					Financ	ing				
•	Project Project Name	Start Date Completion Date		Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WA	/AT906977				J.				,	•			
0	12 FACILITY UPGRADE - FORMER MARINE YARD	01/01/2014 12/31/2023	1,840	0	0	0	0	1,840	0	0	0		0 0
0	25 ISLAND FILTER AIR SCOUR SYSTEM	01/01/200912/31/2012	559	0	0	34	0	525	0	0	0		0 0
0	32 TRAVELLING SCREEN REPLACEMENT	01/01/2015 12/31/2024	655	0	0	0	0	655	0	0	0		0 0
0	33 ISLAND SEAWALL REHABILITATION	01/01/2014 12/31/2023	109	0	0	0	0	109	0	0	0		0 0
0	44 ISLAND ENWAVE/RETROFIT PROJECT	01/01/201312/31/2014	260	0	0	0	0	260	0	0	0		0 0
0	50 AMMONIA AND FLOURIDE SYSTEM UPGRADES	01/01/2014 12/31/2023	955	0	0	0	0	955	0	0	0		0 0
0	51 CHEMICAL SYSTEMS` ELECTRICAL FEED DISTRIBUT	ION 01/01/2014 12/31/2023	500	0	0	0	0	500	0	0	0		0 0
0	62 FACILITY & PROCESS UPGRADES - 2015 SC	01/01/2015 12/31/2024	-150	0	0	0	0	-150	0	0	0		0 0
0	63 ISLAND FILTER AIR SCOUR SYSTEM - 2015 SC	01/01/2015 12/31/2024	-400	0	0	-24	0	-376	0	0	0		0 0
0	64 FACILITY UPGRADE - FORMER MARINE YARD - 2015	SC 01/01/201512/31/2024	-640	0	0	0	0	-640	0	0	0		0 0
0	65 ISLAND ENWAVE/RETROFIT PROJECT - 2015 SC	01/01/2015 12/31/2024	-210	0	0	0	0	-210	0	0	0		0 0
0	67 AMMONIA AND FLOURIDE SYSTEM UPGRADES - 2015	5 SC 01/01/201512/31/2024	-705	0	0	0	0	-705	0	0	0		0 0
0	68 CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION - 20	15 S(01/01/201512/31/2024	-400	0	0	0	0	-400	0	0	0		0 0
0	69 Generators` DR3 Program	01/01/2015 12/31/2024	75	0	0	0	0	75	0	0	0		0 0
0	70 PLANTWIDE HVAC UPGRADES	01/01/2015 12/31/2024	15	0	0	0	0	15	0	0	0		0 0
0	71 ISLAND SEAWALL REHAB- 2015 SC	01/01/2015 12/31/2024	14	0	0	0	0	14	0	0	0		0 0
		Project Sub-total:	3,755	0	0	10	0	3,745	0	0	0		0 0
0 WA	AT907353 LAWRENCE ALLAN REVITALIZATION PLAN												
0	1 LAWRENCE ALLAN REVITALIZATION PLAN-INFRASTU	RCTI01/01/201312/31/2022	3,740	0	0	3,740	0	0	0	0	0		0 0
0	2 LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL	L SEV10/30/201210/30/2012	2,864	0	0	2,864	0	0	0	0	0		0 0
0	5 LAWRENCE ALLAN REVITALIZATION PLAN-INTER - 20	15 S(01/01/201412/31/2023	-72	0	0	-72	0	0	0	0	0		0 0
0	6 LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL	L-20111/13/2014 11/13/2014	-61	0	0	-61	0	0	0	0	0		0 0
		Project Sub-total:	6,471	0	0	6,471	0	0	0	0	0		0 0
0 WA	/AT907558 REGENT PARK CAPITAL CONTRIBUTION												
0	1 REGENT PARK CAPITAL CONTRIBUTION	08/17/2009 12/31/2021	907	0	0	0	0	907	0	0	0		0 0
0	9 REGENT PARK CAPITAL CONTRIBUTION - 2015 SC	01/01/2015 12/31/2024	308	0	0	0	0	308	0	0			0 0
		Project Sub-total:	1,215	0	0	0	0	1,215	0	0			0 0
0 WA	/AT907946 BUSINESS IT PROJECTS	•	, ,					, -					
0	1 BUSINESS INTELLIGENCE INITIATIVES	01/01/201212/31/2016	280	0	0	0	0	280	0	0	0		0 0
0	7 ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT		1,968	0	0	0	0	1,968	0	0	0		0 0
0	10 ENTERPRISE WORK MANAGEMENT SYSTEM PROJ -		-1,144	0	0	0	0	-1,144	0	0	0		0 0
0	11 BUSINESS INTELLIGENCE INITIATIVES-2015 SC	01/01/201512/31/2024	,	0	0	0	0	-221	0	0	0		0 0

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(Phase 5) 10-Water Program

Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Water Program Sub-Project Summary

Project/Financing			2015					Financ	ing				
Priority Project Project Name	Start Date	Completion Date	Cash Flow	Provincial Grants	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From	Other 1	Other 2	Debt	Debt - Recoverable
				Subsidies					Current				
0 WAT907946 BUSINESS IT PROJECTS													
0 12 EDOCS- 2015 SC	01/01/2015	12/31/2024	150	0	0	0	0	150	0	0	0		0 0
	Project Sub-	-total:	1,033	0	0	0	0	1,033	0	0	0		0 0
0 WAT908087 TRUNK WATERMAIN													
0 1 TRANSMISSION SYSTEM AUTOMATION	06/30/2014 (06/30/2014	250	0	0	0	0	250	0	0	0		0 0
0 63RD PARTY RELOCATIONS (METROLINX)	01/01/2015	12/31/2024	500	0	0	0	0	500	0	0	0		0 0
	Project Sub-	-total:	750	0	0	0	0	750	0	0	0		0 0
Program Total:			318,558	0	0	19,761	0	288,850	0	0	9,947		0 0

Status Code Description

S2 S2 Prior Year (With 2015 and\or Future Year Cashflow)

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

Health and Safety C01 01 02 Legislated C02 03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

Reserved Category 1 C06 Reserved Category 2 C07 (Phase 5) 11-Wastewater Program

MTORONTO

Sub-Project Category: 01,02,03,04,05,06,07

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



Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/F	inancing			2015					Financ	ing				
Priority F	•	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
0 WAS	S000007 ASHBRIDGES BAY WWTP REHAB													
0	17 STANDBY POWER GENERATION	01/01/2010	12/31/2015	4,073	0	0	328	0	3,745	0	0	0		0 0
0	19 FERROUS UPGRADES	01/01/2012	12/31/2017	475	0	0	38	0	437	0	0	0		0 0
0	30 ELECTRICAL REHAB	01/01/2010	12/31/2015	6,611	0	0	0	0	6,611	0	0	0		0 0
0	41 POLYMER UPGRADE	01/01/2012	12/31/2016	825	0	0	0	0	825	0	0	0		0 0
0	46 Rehab of Grounds and Buildings	01/01/2010	12/31/2015	25	0	0	0	0	25	0	0	0		0 0
0	47 P BLDG HEADWORKS ENG DESIGN&CONTRACT ADMI	N 01/01/2010	12/31/2019	2,791	0	0	225	0	2,566	0	0	0		0 0
0	49 PROCESS UPGRADES AND ODOUR CONTROL ENGINE	ER01/01/2010	12/31/2016	1,000	0	0	80	0	920	0	0	0		0 0
0	189 PROCESS AND EQUIPMENT	01/01/2013	12/31/2016	3,191	0	0	0	0	3,191	0	0	0		0 0
0	190 FACILITY AND GROUNDS	01/01/2013	12/31/2018	2,013	0	0	0	0	2,013	0	0	0		0 0
0	215 DIGESTERS CLEANING REHAB - TANKS 14, 16, 13	01/01/2014	12/31/2023	3,800	0	0	0	0	3,800	0	0	0		0 0
0	216 OPERATIONS CENTRE - ENGINEERING	01/01/2014	12/31/2023	700	0	0	0	0	700	0	0	0		0 0
0	218 FERROUS UPGRADES - 2015 SC	01/01/2015	12/31/2024	-225	0	0	-18	0	-207	0	0	0		0 0
0	219 PROCESS AND EQUIPMENT - 2015 SC	01/01/2015	12/31/2024	-596	0	0	0	0	-596	0	0	0		0 0
0	220 GROUND AND FACILITIES - 2015 SC	01/01/2015	12/31/2024	869	0	0	0	0	869	0	0	0		0 0
0	221 POLYMER UPGRADE - 2015 SC	01/01/2015	12/31/2024	-325	0	0	0	0	-325	0	0	0		0 0
0	222 DIGESTERS CLEANING REHAB -TANKS 14&16&13 - 201	5 S01/01/2015	12/31/2024	-2,075	0	0	0	0	-2,075	0	0	0		0 0
0	224 BRIDGE UPGRADES	01/01/2015	12/31/2024	200	0	0	0	0	200	0	0	0		0 0
0	226 ABTP - ENVIRONMENTAL ASSESSMENT	01/01/2015	12/31/2024	150	0	0	0	0	150	0	0	0		0 0
0	227 AIR HEADER REHAB	01/01/2015	12/31/2024	100	0	0	0	0	100	0	0	0		0 0
0	228 BLOWER BUILDING MAINTENANCE SHOP	01/01/2015	12/31/2024	100	0	0	0	0	100	0	0	0		0 0
0	229 D BUILDING PHASE 2	01/01/2015	12/31/2024	150	0	0	0	0	150	0	0	0		0 0
0	231 HOT WATER LOOP MODIFICATIONS	01/01/2015	12/31/2024	100	0	0	0	0	100	0	0	0		0 0
0	232 STANDBY POWER GENERATION-2015 SC	01/01/2015	12/31/2024	-2,757	0	0	-222	0	-2,535	0	0	0		0 0
0	233 P BLDG HEADWORKS ENG DESIGN&CONTRACT ADMI	N-2101/01/2015	12/31/2024	-831	0	0	-67	0	-764	0	0	0		0 0
0	234 ELECTRICAL REHAB - ECAP-2015 SC	01/01/2015	12/31/2024	-738	0	0	0	0	-738	0	0	0		0 0
0	235 MOBILE GENERATORS-2015 SC	01/01/2015	12/31/2024	29	0	0	0	0	29	0	0	0		0 0
0	236 REHAB OF GROUNDS & BUILDINGS-2015 SC	01/01/2015	12/31/2024	-25	0	0	0	0	-25	0	0	0		0 0
0	237 PROCESS UPGRADES & ODOUR CONTROL ENG-2015	SC 01/01/2015	12/31/2024	280	0	0	23	0	257	0	0	0		0 0
0	238 SECURITY UPGRADES	01/01/2015	12/31/2024	200	0	0	0	0	200	0	0	0		0 0
0	240 OERATIONS CENTRE -ENGINEERING - 2015 SC	11/13/2014	11/13/2014	-300	0	0	0	0	-300	0	0	0		0 0
		Project Sub	-total:	19,810	0	0	387	0	19,423	0	0	0		0 0

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



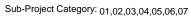
CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Droid	ect/Financing		2015	1				Financ	sina					
-	rity Project Project Name	Start Date Completion		Provincial	Federal		Reserves	Reserve	Capital	Other 1	Other 2	Debt	Debt	
		Date		Grants Subsidies	Subsidy	Charges		Funds	From Current				Recover	rable
<u>0</u>	WAS000115 HUMBER T.P.													
0	9 CO-GENERATION	01/01/2015 12/31/2024	200	0	0	0	0	200	0	0	0		0	0
		Project Sub-total:	200	0	0	0	0	200	0	0	0		0	0
<u>o</u>	WAS000259 TRUNK SEWER SYSTEM													
_ 0	15 TRUNK SEVWER REHAB-2012	01/01/2012 12/31/2015	6,078	0	0	0	0	6,078	0	0	0		0	0
0	23 TRUNK SEWER REHABILITATION	01/01/2010 12/31/2015	170	0	0	0	0	170	0	0	0		0	0
0	27 TRUNK SEWER REHABILITATION - 2014	01/01/2014 12/31/2023	12,965	0	0	0	0	12,965	0	0	0		0	0
0	34 KEELE TRUNK SEWER DESIGN & CONSTRUCTION	01/01/2014 12/31/2023	1,000	0	0	0	0	1,000	0	0	0		0	0
0	38 TRUNK SEWER REHABILITATION - 2012 - 2015 SC	01/01/2015 12/31/2024	7,751	0	0	0	0	7,751	0	0	0		0	0
0	39 TRUNK SEWER REHABILITATION - 2014 - 2015 SC	01/01/2015 12/31/2024	-35	0	0	0	0	-35	0	0	0		0	0
0	40 KEELE TRUNK SEWER DESIGN & CONSTRUCTION - 2	2015 01/01/2015 12/31/2024	-500	0	0	0	0	-500	0	0	0		0	0
0	41 TRUNK SEWER REHABILITATION-2015 SC	01/01/2015 12/31/2024	-147	0	0	0	0	-147	0	0	0		0	0
		Project Sub-total:	27,282	0	0	0	0	27,282	0	0	0		0	0
0	WAS000442 BASEMENT FLOODING RELIEF													_
- 0		01/01/2006 12/31/2014	4,503	0	0	0	0	4,503	0	0	0		0	0
0	9 BASEMENT FLOODING RELIEF - TUNNEL PROJECT	01/01/2014 12/31/2022	10,000	0	0	0	0	10,000	0	0	0		0	0
0	12 ROAD RESTORATION FOR BSMT FLDG	01/01/201312/31/2013	772	0	0	0	0	772	0	0	0		0	0
0	14 BASEMENT FLOODING DESIGN - GROUP 1	01/01/2008 12/31/2013	1,888	0	0	0	0	1,888	0	0	0		0	0
0	18 BASEMENT FLOODING DESIGN - GROUP 2	01/01/2010 12/31/2017	5,900	0	0	0	0	5,900	0	0	0		0	0
0	19 BASEMENT FLOODING RELIEF - GROUP 2	01/01/2014 12/31/2023	41,222	0	0	0	0	41,222	0	0	0		0	0
0	20 BASEMENT FLOODING DESIGN - GROUP 3	01/01/2014 12/31/2023	3,000	0	0	0	0	3,000	0	0	0		0	0
0	29 BASEMENT FLOODING RELIEF - GROUP 1	09/25/2009 06/30/2014	9,710	0	0	0	0	9,710	0	0	0		0	0
0	68 BSMT FLOODING PROTECTION SUBSIDY PROG - 2019	5 SC 01/01/2015 12/31/2024	5,500	0	0	0	0	5,500	0	0	0		0	0
0	69 BASEMENT FLOODING STUDIES & EAS - 2015 SC	01/01/2015 12/31/2024	-2,757	0	0	0	0	-2,757	0	0	0		0	0
0	70 BASEMENT FLOODING RELIEF - GROUP 1 - 2015 SC	01/01/2015 12/31/2024	2,881	0	0	0	0	2,881	0	0	0		0	0
0	71 ROAD RESTORATION FOR BSMT FLDG PRJS - 2015 S	C 01/01/2015 12/31/2024	408	0	0	0	0	408	0	0	0		0	0
0	72 BASEMENT FLOODING RELIEF-TUNNEL PROJ - 2015	SC 01/01/201512/31/2024	-9,485	0	0	0	0	-9,485	0	0	0		0	0
0	73 BASEMENT FLOODING RELIEF - GROUP 2 - 2015 SC	01/01/2015 12/31/2024	-11,832	0	0	0	0	-11,832	0	0	0		0	0
0	77 BASEMENT FLOODING DESIGN - GROUP 4	01/01/2015 12/31/2024	1,170	0	0	0	0	1,170	0	0	0		0	0
0	78 BASEMENT FLOODING DESIGN - GROUP 1-2015 SC	01/01/2015 12/31/2024	-363	0	0	0	0	-363	0	0	0		0	0
0	79 BASEMENT FLOODING DESIGN - GROUP 2-2015 SC	01/01/2015 12/31/2024	-1,350	0	0	0	0	-1,350	0	0	0		0	0
0	80 BASEMENT FLOODING DESIGN - GROUP 3-2015 SC	01/01/2015 12/31/2024	-752	0	0	0	0	-752	0	0	0		0	0
0	81 BASEMENT FLOODING STUDIES & EAS-CW IMPLEME	NTA 01/01/2015 12/31/2024	3,500	0	0	0	0	3,500	0	0	0		0	0

MTORONTO

Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5 CITY OF TORONTO





Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/Financin	n		2015	1				Financ	ina				
Priority Project	y Project Name	Start Date Completion		Provincial	Federal	Developmt	Reserves	Reserve	Capital	Other 1	Other 2	Debt	Debt -
	,	Date		Grants Subsidies	Subsidy	Charges		Funds	From Current				Recoverable
0 WAS000442	BASEMENT FLOODING RELIEF												
0 82 E	ASEMENT FLOODING STUDIES & EAS-CW IMP-2015 SC	01/01/2015 12/31/2024	-950	0	0	0	0	-950	0	0	0		0 0
	Pr	oject Sub-total:	62,965	0	0	0	0	62,965	0	0	0		0 0
0 WAS000521	HIGHLAND CREEK WWTP - BUILDING SERV & SITE DE	:V											
0 3H	ICTP BLDG REHAB & IMPROVEMENTS	— 01/01/2012 12/31/2016	4,262	0	0	0	0	4,262	0	0	0		0 0
0 7H	ICTP Bldg Rehab and Impro - 2015 SC	01/01/2015 12/31/2024	-3,262	0	0	0	0	-3,262	0	0	0		0 0
	Pr	oject Sub-total:	1,000	0	0	0	0	1,000	0	0	0		0 0
0 WAS906322	W&WW LABORATORIES												
_	·	01/01/2010 12/31/2015	186	0	0	0	0	186	0	0	0		0 0
0 26 L		01/01/2015 12/31/2024		0	0	0	0	-66	0	0	0		0 0
	Pr	oject Sub-total:	120	0	0	0	0	120	0	0	0		0 0
0 WAS906328	SWM END OF PIPE FACILITIES	•											
_	•	01/01/2013 12/31/2015	5,389	0	0	432	0	4,957	0	0	0		0 0
		01/01/2014 12/31/2023	,	0	0	80	0	920	0	0	0		0 0
-		03/01/2012 12/31/2014	,	0	0	354	0	4,046	0	0	0		0 0
0 53 E	ARL BALES PARK SWM FACILITY - PHASE 2 - 2015 SC	01/01/2015 12/31/2024	100	0	0	8	0	92	0	0	0		0 0
0 54 N	IORTH TORONTO CSO CONSTR-2015 SC	01/01/2015 12/31/2024	1 11	0	0	3	0	8	0	0	0		0 0
0 55 B	onar Creek Construction-2015 SC	01/01/2015 12/31/2024	-500	0	0	-40	0	-460	0	0	0		0 0
	Pr	oject Sub-total:	10,400	0	0	837	0	9,563	0	0	0		0 0
0 WAS906331	SWM SOURCE CONTROL PROG												
	· ·	01/01/2012 12/31/2018	150	0	0	0	0	150	0	0	0		0 0
	Pr	oject Sub-total:	150	0	0	0	0	150	0	0	0		0 0
0 WAS906380	HIGHLAND CREEK WWTP - ODOUR CONTROL	•											
_		01/01/2010 12/31/2019	1,310	0	0	105	0	1,205	0	0	0		0 0
		01/01/2013 12/31/2017	,	0	0	1,300	0	14,840	0	0	0		0 0
0 160	DOUR CONTROL UPGRADES - PHASE 1 ENG-2015 SC	01/01/2015 12/31/2024	-805	0	0	-64	0	-741	0	0	0		0 0
0 170	DOUR CONTROL UPGRADES - PHASE 1 CONSTR-2015 S	01/01/2015 12/31/2024	-1,140	0	0	-93	0	-1,047	0	0	0		0 0
	Pr	oject Sub-total:	15,505	0	0	1,248	0	14,257	0	0	0		0 0
0 WAS906486	ASHBRIDGES BAY T.P III YR2004												
_		01/01/2004 12/31/2016	1,530	0	0	123	0	1,407	0	0	0		0 0
		01/01/2015 12/31/2024		0	0	-3	0	-32	0	0	0		0 0
	Pr	oject Sub-total:	1,495	0	0	120	0	1,375	0	0	0		0 0
0 WAS906487		-											
<u> </u>	PREEK IIII IV INSVVI		i										

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Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5 CITY OF TORONTO



Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

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Project/F	Financing Project Project Name	Start Date Completion	2015 Cash Flow	Provincial	Federal	Developmt	Reserves	Financ Reserve	Capital	Other 1	Other 2	Debt	Debt -
rilonty	Toject Name	Date		Grants Subsidies	Subsidy	Charges		Funds	From Current				Recoverable
0 WA	S906487 HIGHLAND CREEK T.P IV YR2004				JI.				- Cannonic		•		
0	2 PCS PLANT SERVICES	01/01/2004 06/30/2014	108	0	0	9	0	99	0	0	0		0 0
0	20 PCS PLANT SERVICES-2015 SC	01/01/2015 12/31/2024	-45	0	0	-4	0	-41	0	0	0		0 0
		Project Sub-total:	63	0	0	5	0	58	0	0	0	(0 0
0 WA	S906488 HUMBER T.P II YR2004	j		•									
0	2 PCS PLANT SERVICES	01/01/2004 12/31/2014	180	0	0	14	0	166	0	0	0		0 0
0	22 PCS PLANT SERVICES-2015 SC	01/01/2015 12/31/2024	-25	0	0	-2	0	-23	0	0	0		0 0
· ·		Project Sub-total:	155	0	0	12	0	143	0	0	0		0 0
0 WA	S906492 WET WEATHER FLOW MP												
0	1 SWM INA-EA	01/01/2004 12/31/2021	610	0	0	49	0	561	0	0	0		0 0
0	2 WWFMP - PUBLIC EDUCATION	01/01/2004 12/31/2016	500	0	0	40	0	460	0	0	0		0 0
0	14 WWFMP IMPLEMENTATION - DESIGN&CONTRACT ADM		1,132	0	0	92	0	1,040	0	0	0		0 0
0	44 SWM CONVEYANCE 2013	01/01/2014 12/31/2023	319	0	0	26	0	293	0	0	0		0 0
0	51 SWM CONVEYANCE 2014	01/01/2014 12/31/2023	4,299	0	0	0	0	4,299	0	0	0		0 0
0	57 SWM CONVEYANCE 2014 - 2015 SC	01/01/201512/31/2024	-2,048	0	0	0	0	-2,048	0	0	0		0 0
0	58 SWM CONVEYANCE 2015	01/01/201512/31/2024	1,034	0	0	0	0	1,034	0	0	0		0 0
0	59 STORM WATER POND ASSESSMENT & CLEANING	01/01/201512/31/2024	200	0	0	0	0	200	0	0	0		0 0
0	60 Ashbridges Bay Landforms	01/01/2015 12/31/2024	5,333	0	0	0	0	5,333	0	0	0		0 0
0	62 SWM INA/EA-2015 SC	01/01/2015 12/31/2024	-25	0	0	-2	0	-23	0	0	0		0 0
0	63 WWFMP IMPLEMENTATION - DESIGN-2015 SC	01/01/2015 12/31/2024	1,467	0	0	117	0	1,350	0	0	0	(0 0
0	66 SWM CONVEYANCE 2013- 2015 SC	01/01/201512/31/2024	681	0	0	55	0	626	0	0	0		0 0
		Project Sub-total:	13,502	0	0	377	0	13,125	0	0	0		0 0
0 WA	S906495 SEWER ASSET PLANNING	İ											
0	5 Sewer Asset Planning	01/17/2006 12/31/2016	1,825	0	0	147	0	1,678	0	0	0		0 0
0	7 Sewer System Inspection	01/01/201012/31/2013	14,184	0	0	0	0	14,184	0	0	0		0 0
0	21 PPD - INFRASTRUCTURE PLANNING STUDIES	01/01/201412/31/2023	180	0	0	0	0	180	0	0	0		0 0
0	25 SEWER ASSET PLANNING - 2015 SC	01/01/201512/31/2024	675	0	0	54	0	621	0	0	0		0 0
0	26 SEWER SYSTEM INSPECTION-2015 SC	01/01/201512/31/2024	-5,176	0	0	0	0	-5,176	0	0	0	(0 0
0	27 PPD - INFRASTRUCTURE PLANNING STUDIES-2015 SC	01/01/201512/31/2024	-30	0	0	0	0	-30	0	0	0		0 0
		Project Sub-total:	11,658	0	0	201	0	11,457	0	0	0	(0 0
<u>0</u> WA	S906500 NEW SEWER CONSTRUCTION	İ											
0	5 NEW SEWERS	01/01/200812/31/2013	810	0	0	504	0	306	0	0	0		0 0
0	23 NEW SEWERS - 2015 SC	01/01/201512/31/2024	-310	0	0	-193	0	-117	0	0	0		0 0
0	24 WATERFRONT SANITARY MASTER SERVICING PLAN IN	/IP 01/01/201512/31/2024	1,000	0	0	500	0	500	0	0	0		0 0



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/Fi	inancing		2015	1				Financ	ing				
Priority F	•	Start Date Completion Date		Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WAS	S906500 NEW SEWER CONSTRUCTION												
0	25 DOWNSVIEW LANDS EXTERNAL UPGRADES	01/01/2015 12/31/2024	2,000	0	0	2,000	0	0	0	0	0	C	0
		Project Sub-total:	3,500	0	0	2,811	0	689	0	0	0	C	0
0 WAS	5906735 DIST SEWER REHAB OPS YR2005												
0	10 GROUP 1 SEWAGE PUMPING STATION UPGRADES	01/01/201212/31/2013	388	0	0	31	0	357	0	0	0	C	0
		Project Sub-total:	388	0	0	31	0	357	0	0	0	C	0
0 WAS	8906741 HIGHLAND CREEK TP YR2005		Ì	ĺ									
0	1 WAS THICKENING AND DEWATERING ENG	03/01/2005 12/31/2018	317	0	0	26	0	291	0	0	0	C	0
0	17 WAS THICKENING AND DEWATERING - ENG-2015 SC	01/01/2015 12/31/2024	-195	0	0	-16	0	-179	0	0	0	C	0
		Project Sub-total:	122	0	0	10	0	112	0	0	0	C	0
0 WAS	S906742 HUMBER TP YR2005	-											
0	6 HEADHOUSE UPGRADES Phase 1	01/01/2010 12/31/2014	40	0	0	4	0	36	0	0	0	C) 0
0	8 ODOUR CONTROL ENGINEERING	01/01/2007 12/31/2016			0	0	0	1,213	0	0	0	C	
0	53 ODOUR CONTROL ENGINEERING-2015 SC	01/01/2015 12/31/2024	560	0	0	0	0	560	0	0	0	C	0
0	54 HEADHOUSE UPGRADES PHASE 1 - 2015 SC	11/13/2014 11/13/2014	-20	0	0	-2	0	-18	0	0	0	C	0
		Project Sub-total:	1,793	0	0	2	0	1,791	0	0	0	C	0
0 WAS	S906743 ASHRIDGES BAY TP YR2005			İ									
0	1 Process & Equip Upgrades	03/01/2005 12/31/2016	660	0	0	53	0	607	0	0	0	C	0
0	51 SERVICE AIR UPGRADES - 2015 SC	01/01/2015 12/31/2024	-2,500	0	0	0	0	-2,500	0	0	0	C	0
0	52 MISC MECH ENGINEERING-2015 SC	01/01/2015 12/31/2024	-480	0	0	-39	0	-441	0	0	0	C	0
0	53 M & T RETROFIT-2015 SC	01/01/2015 12/31/2024	164	. 0	0	0	0	164	0	0	0	C	0
1	4 M & T IMPROVEMENTS (EQUIPMENT)	01/01/2005 12/31/2014	1,026	0	0	0	0	1,026	0	0	0	C	0
1	7 SERVICE AIR UPGRADES	01/01/2008 12/31/2016	4,900	0	0	0	0	4,900	0	0	0	C	0
		Project Sub-total:	3,770	0	0	14	0	3,756	0	0	0	C	0
<u>0</u> WAS	S906755 WESTERN BEACHES RETROFIT												
0	1 WESTERN BEACHES RETROFIT	01/01/2008 12/31/2015	3,015	0	0	242	0	2,773	0	0	0	C	0
0	10 WESTERN BEACHES RETROFIT-2015 SC	01/01/2015 12/31/2024	-1,812	0	0	-145	0	-1,667	0	0	0	C	0
		Project Sub-total:	1,203	0	0	97	0	1,106	0	0	0	C	0
0 WAS	S906926 OPERATIONAL SUPPORT												
0	6 FACILITY RENOVATION	01/01/2006 12/31/2016	1,000	0	0	0	0	1,000	0	0	0	C	0
0	7 RENOVATION - MERTON STREET	01/01/2012 12/31/2012	360	0	0	0	0	360	0	0	0	C	0
0	23 HAND HELD DEVICES - UPDATED	01/01/2010 12/31/2014	150	0	0	0	0	150	0	0	0	C	0
0	40 WWTP PLC PLATFORM UPGRADE	01/01/201312/31/2018	3,642	0	0	0	0	3,642	0	0	0	C	0



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/F	- inancing	[2015					Financ	ing				
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
<u>0 WA</u>	S906926 OPERATIONAL SUPPORT												
0	88 DIVISIONAL SECURITY - 2015 SC	01/01/201512/31/2024	720	0	0	0	0	720	0	0	0		0 0
0	90 DESIGNATED SUBSTANCE ABATEMENT - 2015 SC	01/01/201512/31/2024	100	0	0	0	0	100	0	0	0		0 0
0	91 PCS UPGRADES FOR WASTEWATER TREATMENT - 20°	15	-2,062	0	0	0	0	-2,062	0	0	0		0 0
0	92 NORTHLINE: BUILDING DEMO AND PAVING	01/01/201512/31/2024	300	0	0	0	0	300	0	0	0		0 0
0	93 EMP MONITORING NEEDS-2015 SC	01/01/201512/31/2024	-100	0	0	0	0	-100	0	0	0		0 0
		Project Sub-total:	4,110	0	0	0	0	4,110	0	0	0		0 0
<u>0 WA</u>	S906958 SEWER SYSTEM REHABILITATION	j											
0	2 Group 2 & 3 Sewage P.S. Upgrades	01/01/2005 12/31/2013	34	0	0	3	0	31	0	0	0		0 0
0	5 CCTV Inspection	01/14/2006 12/31/2013	1,000	0	0	0	0	1,000	0	0	0		0 0
0	8 SPS SCADA UPGRADES - ENGINEERING	01/01/200812/31/2014	600	0	0	48	0	552	0	0	0		0 0
0	9 SEWER REHABILITATION	01/01/200812/31/2013	22,111	0	0	0	0	22,111	0	0	0		0 0
0	23 SEWAGE PUMPING STATION STANDBY POWER	01/01/201012/31/2014	810	0	0	65	0	745	0	0	0		0 0
0	24 GROUP 5 SEWAGE PUMPING STATION CAPACITY UPG	RAI01/01/200912/31/2016	3,250	0	0	262	0	2,988	0	0	0		0 0
0	67 GROUPS 2,3&4 SEWAGE PS UPGRADES - 2015 SC	01/01/2015 12/31/2024	754	0	0	60	0	694	0	0	0		0 0
0	68 SEWAGE PUMPING STATION STANDBY POWER - 2015	SC 01/01/201512/31/2024	-688	0	0	-55	0	-633	0	0	0		0 0
0	69 GROUP 5 SEWAGE PUMPING STATION UPGRADES - 20	015 01/01/2015 12/31/2024	-2,216	0	0	-179	0	-2,037	0	0	0		0 0
0	70 CCTV INSPECTION-2015 SC	01/01/201512/31/2024	200	0	0	0	0	200	0	0	0		0 0
0	72 SEWER REHABILITATION-2015 SC	01/01/201512/31/2024	8,942	0	0	0	0	8,942	0	0	0		0 0
0	73 LATERAL REHAB- 2015 SC	01/01/201512/31/2024	271	0	0	0	0	271	0	0	0		0 0
		Project Sub-total:	35,068	0	0	204	0	34,864	0	0	0		0 0
0 WA	S906960 STREAM RESTORATION & EROSION CONTROL	j											
0	1 HIGHLAND CREEK STREAM RESTORATION	01/01/200612/31/2013	1,000	0	0	80	0	920	0	0	0		0 0
0	7 STREAM RESTORATION	01/01/200812/31/2016	7,533	0	0	607	0	6,926	0	0	0		0 0
0	26 STREAM RESTORATION-CRITICAL LOCATIONS	10/09/201210/09/2012	500	0	0	0	0	500	0	0	0		0 0
0	34 HIGHLAND CREEK STREAM RESTORATION - 2015 SC	01/01/2015 12/31/2024	-1,000	0	0	-80	0	-920	0	0	0		0 0
0	35 STREAM RESTORATION - 2015 SC	01/01/2015 12/31/2024	4,828	0	0	388	0	4,440	0	0	0		0 0
0	36 STREAM RESTORATION - CRITICAL LOCATIONS - 2015	SC01/01/201512/31/2024	-500	0	0	0	0	-500	0	0	0		0 0
		Project Sub-total:	12,361	0	0	995	0	11,366	0	0	0		0 0
0 WA	S906964 CONVEYANCE CONTROLS - REPLC & REHAB												
0	18 COATSWORTH CUT - PHASE 1 WATER QUALITY IMP	01/01/201212/31/2013	64	0	0	0	0	64	0	0	0		0 0
0	28 COATSWORTH CUT PHASE 1 WATER QUALITY IMP-201		-20	0	0	0	0	-20	0	0			0 0
		Project Sub-total:	44	0	0	0	0	44	0	0	0		0 0
0 WA	S906966 SWM TRCA FUNDING	- 											
<u> </u>	THE INORTH DIDING	ļ		l									



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/F	inancing		2015		nr.	,		Financ		_			
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
<u>0</u> WA	S906966 SWM TRCA FUNDING												
0	18 TORONTO WATER TRANSFER TO TRCA CAPITAL - 2015	5 S(01/01/201412/31/2023	4,069	0	0	327	0	3,742	0	0	0		0
		Project Sub-total:	4,069	0	0	327	0	3,742	0	0	0		0
0 WA	S906968 ENGINEERING												
0	2 CONSULTING FEES	01/01/2006 12/31/2016	5,298	0	0	0	0	5,298	0	0	0		0
0	54 ROAD RESTORATION - 2015 SC	01/01/2015 12/31/2024	1,400	0	0	0	0	1,400	0	0	0		0
0	55 CONSULTING FEES - 2015 SC	01/01/2015 12/31/2024	2,127	0	0	0	0	2,127	0	0	0		0
0	56 ECS SALARIES - 2015 SC	01/01/201512/31/2024	12,199	0	0	0	0	12,199	0	0	0		0
		Project Sub-total:	21,024	0	0	0	0	21,024	0	0	0		0
0 WA	S906973 SEWER REPLACEMENT PROGRAM	- -											
0	24 SEWAGE FORCEMAIN REPLACEMENT	01/01/201012/31/2010	1,662	0	0	0	0	1,662	0	0	0		0
0	25 SEWER REPLACEMENT 2012	01/01/2012 12/31/2013	2,122	0	0	0	0	2,122	0		0		0
0	35 SEWER REPLACMENT - 2013 PROGRAM	01/01/201312/31/2014	3,204	0	0	259	0	2,945	0	0	0		0
0	36 SEWER REPLC - 2014 PROGRAM	01/01/2014 12/31/2023	13,580	0	0	0	0	13,580	0	0	0		0
0	44 COXWELL TRUNK EMERGENCY REPAIR	01/01/201312/31/2022	1,559	0	0	0	0	1,559	0	0	0		0
0	46 WATERFRONT STORMWATER INFRASTRUCTURE	06/26/2013 06/26/2013	2,750	0	0	1,544	0	1,206	0	0	0		0
0	47 WATERFRONT SANITARY SERVICING INFRASTRUCTUI	RE 06/26/2013 06/26/2013	3,561	0	0	2,324	0	1,237	0	0	0		0
0	52 SEWER REPLACEMENT - METROLINX	01/01/2014 12/31/2023	2,245	0	0	0	0	2,245	0	0	0		0
0	59 FORCEMAIN REPLACEMENT - 2015 SC	01/01/2015 12/31/2024	-1,000	0	0	0	0	-1,000	0	0	0		0
0	60 SEWER REPLC - 2014 PROGRAM - 2015 SC	01/01/2015 12/31/2024	-3,593	0	0	0	0	-3,593	0	0	0		0
0	61 SEWER REPLACEMENT - METROLINX - 2015 SC	01/01/2015 12/31/2024	-2,188	0	0	0	0	-2,188	0	0	0		0
0	62 SEWER REPLC - 2015 PROGRAM	01/01/2015 12/31/2024	10,635	0	0	856	0	9,779	0	0	0		0
0	63 2012 SEWER REPLC-2015 SC	01/01/2015 12/31/2024	-803	0	0	0	0	-803	0	0	0		0
0	64 2013 SEWER REPLC-2015 SC	01/01/2015 12/31/2024	-1,844	0	0	-150	0	-1,694	0	0	0		0
0	65 WATERFRONT STORMWATER INFRASTRUCTURE - 201	5 S01/01/201512/31/2024	6,500	0	0	4,505	0	1,995	0	0	0		0
0	66 WATERFRONT SANITARY SERVICING INFR - 2015 SC	01/01/2015 12/31/2024	7,439	0	0	4,869	0	2,570	0	0	0		0
0	67 COXWELL EMERGENCY TRUNK REPAIR- 2015 SC	01/01/2015 12/31/2024	-1,383	0	0	0	0	-1,383	0	0	0		0
		Project Sub-total:	44,446	0	0	14,207	0	30,239	0	0	0		0
<u>0</u> WA	S906980 ASHBRIDGES BAY T.P. YR2006												
0	8 MEDIATION AGREEMENT IMPLEMENTATION - PART 2	01/01/2006 12/31/2015	25	0	0	2	0	23	0	0	0		0
0	9 DEWATERING EQUIPMENT UPGRADES	01/01/2006 12/31/2016	2,030	0	0	164	0	1,866	0	0	0		0
0	36 DEWATERING EQUIPMENT UPGRADES-2015 SC	01/01/201512/31/2024	-1,220	0	0	-99	0	-1,121	0	0	0		0
0	37 MEDIATION AGREEMENT IMPLEMENTATION- 2015 SC	01/01/201512/31/2024	-25	0	0	-2	0	-23	0	0	0		0
		Project Sub-total:	810	0	0	65	0	745	0	0	0		0

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Report P2-1A

Type: B Sub-Project Status: S2 Type: C Sub-Project Status: S2,S3,S4,S5 CITY OF TORONTO



Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

MASSAGESAL HIGHLAND CREEK WWTP UPGRADES 101012006 12312017 1.028 1.0	Project/Financi	ng		2015					Financ	cing				
1 PROCESS & FACILITY UPGRADES	Priority Projec	Project Name		n Cash Flow	Grants			Reserves		From	Other 1	Other 2	Debt	
3 BIOSOLIDS TREATMENT UPGRADES 0101/2006120112018 1,892 0 0 881 0 10,011 0 0 0 0 0 0 0 0 0	0 WAS9069	HIGHLAND CREEK WWTP UPGRADES												
MECH & ELECTRICAL UPGRADE ENGINEERING 0101/2007 12/31/2015 1,467 0 0 0 0 1,467 0 0 0 0 0 0 0 0 0	0 1	PROCESS & FACILITY UPGRADE	01/01/2006 12/31/201	7 2,780	0	0	0	0	2,780	0	0	0		0 0
BIGESTER GAS SYSTEM UPGRADES	0 3	BIOSOLIDS TREATMENT UPGRADES	01/01/2006 12/31/201	8 10,892	0	0	881	0	10,011	0	0	0		0 0
16 MECH SYSTEMS UPGRADES - CONSTR	0 7	MECH & ELECTRICAL UPGRADE ENGINEERING	01/01/2007 12/31/201	5 1,467	0	0	0	0	1,467	0	0	0		0 0
Description Color	0 8	DIGESTER GAS SYSTEM UPGRADES	01/01/2010 12/31/201	6 1,785	0	0	0	0	1,785	0	0	0		0 0
1 1 1 1 1 1 1 1 1 1	0 16	MECH SYSTEMS UPGRADES - CONSTR	10/01/2008 12/31/201	4 731	0	0	0	0	731	0	0	0		0 0
0 32 CEPA COMPLIANCE - CL NOTICE - HCTP	0 23	ELECTRICAL UPGRADES-ECAR	01/01/201212/31/201	6 2,357	0	0	0	0	2,357	0	0	0		0 0
0 80 DIGESTER CLEANING, REHAB AND IMPROVEMENTS #4-7 0101/2014 1231/2022	0 31	ELEC SYSTEM UPGRADES - CONSTR	01/01/2010 12/31/201	4 1,076	0	0	0	0	1,076	0	0	0		0 0
0 83 PLANT FIRM CAPACITY - CONCEPT DESIGN 09/18/2013 99/18/2013 25 0 0 0 0 25 0 0 0 0 0 0 0 0 0 0 0 0 0	0 32	CEPA COMPLIANCE - CL NOTICE - HCTP	01/01/2014 12/31/202	2,050	0	0	0	0	2,050	0	0	0		0 0
85MECH SYSTEM UPGRADES - CONSTR - 2015 SC 01/01/2015 12/31/2024881 0 0 0 0681 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 80	DIGESTER CLEANING, REHAB AND IMPROVEMENTS #4-7	01/01/2014 12/31/202	3 2,704	0	0	0	0	2,704	0	0	0		0 0
0 86 CEPA COMPLIANCE - CL NOTICE - HCTP - 2015 SC 01/01/2015 12/31/2022	0 83	PLANT FIRM CAPACITY - CONCEPT DESIGN	09/18/2013 09/18/201	3 25	0	0	0	0	25	0	0	0		0 0
0 87 DIGESTER CLEANING, REHAB AND IMPRO #4-7 - 2015 SC 01/01/2015 12/31/2024	0 85	MECH SYSTEM UPGRADES - CONSTR - 2015 SC	01/01/2015 12/31/202	4 -681	0	0	0	0	-681	0	0	0		0 0
0 90 PROCESS IMPROVEMENTS (ROADMAP FOR RCM) 01/01/201512/31/2024 550 0 0 0 0 550 0 0 0 0 0 0 0 0 0 0 0	0 86	CEPA COMPLIANCE - CL NOTICE - HCTP - 2015 SC	01/01/2015 12/31/202	-2,000	0	0	0	0	-2,000	0	0	0		0 0
0 91 PROCESS, EQUIPMENT, FACILITY UPGRADES 01/01/2015 12/31/2024 555 0 0 0 0 555 0 0 0 0 0 0 0 0 0 0 0	0 87	DIGESTER CLEANING, REHAB AND IMPRO #4-7 - 2015 SC	01/01/2015 12/31/202	-1,690	0	0	0	0	-1,690	0	0	0		0 0
0 92 PLANT WIDE CONCRETE TUNNEL REPAIR 01/01/201512/31/2024 600 0 0 0 0 600 0 0 0 0 0 0 0 0 0 0 0	0 90	PROCESS IMPROVEMENTS (ROADMAP FOR RCM)	01/01/2015 12/31/202	4 50	0	0	0	0	50	0	0	0		0 0
0 94 PROCESS & FACILITY UPGRADE-2015 SC 01/01/201512/31/2024	0 91	PROCESS, EQUIPMENT, FACILITY UPGRADES	01/01/2015 12/31/202	4 555	0	0	0	0	555	0	0	0		0 0
0 95 BIOSOLIDS TREATMENT UPGRADES -2015 SC 01/01/201512/31/2024 -530 0 0 43 0 -487 0 0 0 0 0 0 0 0 0 0 0 0 0 96 MECH & ELECTRICAL UPGRADE ENGINEERING-2015 SC 01/01/201512/31/2024 -1,299 0 0 0 0 0 -1,299 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 92	PLANT WIDE CONCRETE TUNNEL REPAIR	01/01/2015 12/31/202	4 600	0	0	0	0	600	0	0	0		0 0
0 96 MECH & ELECTRICAL UPGRADE ENGINEERING-2015 SC 01/01/201512/31/2024 -1,299 0 0 0 0 -1,299 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 94	PROCESS & FACILITY UPGRADE-2015 SC	01/01/2015 12/31/202	4 8	0	0	0	0	8	0	0	0		0 0
0 97 ELEC SYSTEM UPGRADES - CONSTR-2015 SC 01/01/2015 12/31/2024 -776 0 0 0 0 776 0 0 0 0 0 0 0 0 0 0 0 0	0 95	BIOSOLIDS TREATMENT UPGRADES -2015 SC	01/01/2015 12/31/202	-530	0	0	-43	0	-487	0	0	0		0 0
0 98 DIGESTER GAS SYSTEM UPGRADES -2015 SC 01/01/2015 12/31/2024 -710 0 0 0 0 -710 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 96	MECH & ELECTRICAL UPGRADE ENGINEERING-2015 SC	01/01/2015 12/31/202	-1,299	0	0	0	0	-1,299	0	0	0		0 0
0 99 ELECTRICAL UPGRADES - ECAR-2015 SC 01/01/2015 12/31/2024 63 0 0 0 0 0 63 0 0 0 0 0 0 0 0 0 0 0 0	0 97	ELEC SYSTEM UPGRADES - CONSTR-2015 SC	01/01/2015 12/31/202	4 -776	0	0	0	0	-776	0	0	0		0 0
0 102 LIQUID TRAIN - ENGINEERING	0 98	DIGESTER GAS SYSTEM UPGRADES-2015 SC	01/01/2015 12/31/202	4 -710	0	0	0	0	-710	0	0	0		0 0
Project Sub-total: 19,657 0 0 838 0 18,819 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 99	ELECTRICAL UPGRADES - ECAR-2015 SC	01/01/2015 12/31/202	4 63	0	0	0	0	63	0	0	0		0 0
0 WAS906982 HUMBER WWTP UPGRADES 0 2 Chlorine Building Upgrade 01/01/2010 12/31/2015 3,066 0 0 0 3,066 0 <td>0 102</td> <td>LIQUID TRAIN - ENGINEERING</td> <td>01/01/2015 12/31/202</td> <td>200</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>200</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td>0 0</td>	0 102	LIQUID TRAIN - ENGINEERING	01/01/2015 12/31/202	200	0	0	0	0	200	0	0	0		0 0
0 2 Chlorine Building Upgrade 01/01/2010 12/31/2015 3,066 0 0 0 0 3,066 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		P	roject Sub-total:	19,657	0	0	838	0	18,819	0	0	0		0 0
0 5 FLOOD PROTECTION 01/01/2012 12/31/2013 250 0 0 0 0 250 0 0 0 0 0 0 0 0 0 0 0 0	0 WAS9069	32 HUMBER WWTP UPGRADES												
0 6 NEW SUBSTATION 01/01/2006 06/30/2014 2,080 0 0 0 2,080 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2	Chlorine Building Upgrade	01/01/2010 12/31/201	5 3,066	0	0	0	0	3,066	0	0	0		0 0
0 7 ELECTRICAL CONDITION ASSESSMENT RECOMMENDATI(01/201012/31/2021 2,129 0 0 0 0 2,129 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 5	FLOOD PROTECTION	01/01/2012 12/31/201	3 250	0	0	0	0	250	0	0	0		0 0
0 8 NEW GROUNDSKEEPING BUILDING and RAS Control Room 01/01/2012 12/31/2013 350 0 0 0 350 0 0 0 0 0 0 0 0 0 0 0 0	0 6	NEW SUBSTATION	01/01/2006 06/30/201	4 2,080	0	0	0	0	2,080	0	0	0		0 0
0 29 ADMIN BUILDING EXPANSION 01/01/2014 12/31/2023 350 0 0 0 350 0 0 0 0 0 0 0 0 0 0 0 0	0 7	ELECTRICAL CONDITION ASSESSMENT RECOMMENDATION	(01/01/201012/31/202	2,129	0	0	0	0	2,129	0	0	0		0 0
0 52 HVAC UPGRADES 01/01/2013 12/31/2015 3,950 0 0 0 3,950 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 8	NEW GROUNDSKEEPING BUILDING and RAS Control Roor	r01/01/201212/31/201	3 350	0	0	0	0	350	0	0	0		0 0
0 73 ADMIN BUILDING EXPANSION - 2015 SC 01/01/2015 12/31/2024 -250 0 0 0 -250 0 0 0 0	0 29	ADMIN BUILDING EXPANSION	01/01/2014 12/31/202	350	0	0	0	0	350	0	0	0		0 0
	0 52	HVAC UPGRADES	01/01/2013 12/31/201	5 3,950	0	0	0	0	3,950	0	0	0		0 0
0 74 HVAC LIPGRADES - 2015 SC 01/01/2015 12/31/2024 - 3 400 0 0 0 3 400 0 0 0 0	0 73	ADMIN BUILDING EXPANSION - 2015 SC	01/01/2015 12/31/202	-250	0	0	0	0	-250	0	0	0		0 0
0 14117AC 01 01ADE3 - 2013 3C 0110112013 1213 112024 - 3,400 0 0 0 0 -3,400 0 0 0 0 0	0 74	HVAC UPGRADES - 2015 SC	01/01/2015 12/31/202	-3,400	0	0	0	0	-3,400	0	0	0		0 0

MTORONTO

Sub-Project Category: 01,02,03,04,05,06,07

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



Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/Finar	ecina		2015					Financ	ina				
Priority Proje	_	Start Date Completion		Provincial	Federal		Reserves	Reserve	Capital	Other 1	Other 2	Debt	Debt -
		Date		Grants Subsidies	Subsidy	Charges		Funds	From Current				Recoverable
0 WAS906	982 HUMBER WWTP UPGRADES												
0	75 HYDRAULIC ASSESSMENT	01/01/2015 12/31/2024	50	0	0	0	0	50	0	0	0		0 0
0	76 CHLORINE FACILITY UPGRADE-2015 SC	01/01/2015 12/31/2024	-19	0	0	0	0	-19	0	0	0		0 0
0	77 ELECTRICAL CONDITION ASSESSMENT -2015 SC	01/01/2015 12/31/2024	-1,057	0	0	0	0	-1,057	0	0	0		0 0
0	78 NEW SUBSTATION-2015 SC	01/01/2015 12/31/2024	668	0	0	0	0	668	0	0	0		0 0
0	79 NEW GROUNDSKEEPING BUILDING-2015 SC	01/01/2015 12/31/2024	850	0	0	0	0	850	0	0	0		0 0
0	80 FLOOD PROTECTION-2015 SC	01/01/2015 12/31/2024	-250	0	0	0	0	-250	0	0	0		0 0
0	85 BUILDING UPGRADES ENGINEERING- 2015 SC	01/01/2015 12/31/2024	370	0	0	0	0	370	0	0	0		0 0
	P	roject Sub-total:	9,137	0	0	0	0	9,137	0	0	0		0 0
0 WAS906	994 HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING												
0	1 HCTP BIOSOLIDS IMPLEMENTATION - ENGINEERING	01/01/2012 12/31/2021	4,300	0	0	346	0	3,954	0	0	0		0 0
0	3 WAS THICKENING AND DEWATERING CONSTR	01/01/2010 12/31/2016	3,000	0	0	242	0	2,758	0	0	0		0 0
0	13 HIGHLAND CREEK WWTP - BMP IMPLEMENTATION - 2015	01/01/2015 12/31/2024	-3,654	0	0	-294	0	-3,360	0	0	0		0 0
0	14 WAS THICKENING - CONSTR-2015 SC	01/01/2015 12/31/2024	-2,900	0	0	-234	0	-2,666	0	0	0		0 0
	P	roject Sub-total:	746	0	0	60	0	686	0	0	0		0 0
0 WAS907	7038 Land Acquisition for Source Water Protect												
0	13 TRCA - CRITICAL EROSION SITES	01/01/2015 12/31/2024	7,000	0	0	564	0	6,436	0	0	0		0 0
0	14 TRCA - SCARBOROUGH WATERFRONT TRAIL EA - 2015 SO	(01/01/2015 12/31/2024	1,500	0	0	0	0	1,500	0	0	0		0 0
	P	roject Sub-total:	8,500	0	0	564	0	7,936	0	0	0		0 0
0 WAS907	7097 ASHBRIDGES BAY WWTP - BUILDING SERVICES & SIT	E DEI											
0	7 CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEM		270	0	0	0	0	270	0	0	0		0 0
0		01/01/2012 12/31/2018		0	0	0	0	1,050	0	0	0		0 0
_	21 BLOWER BLDG AND OLD NORTH SUBSTAION IMPROVEM		2,647	0	0	0	0	2,647	0	0	0		0 0
	50 CONTROLLED SUBS IDENTIFICATION&ABATEMENT-2015S		-170	0	0	0	0	-170	0	0	0		0 0
0	51 CITY IMPROVEMENTS RE: TH COGEN - 2015 SC	01/01/2015 12/31/2024	-900	0	0	0	0	-900	0	0	0		0 0
0	53 BLOWER BLDG & OLD NORTH SUBSTATION IMPRO-2015	01/01/2015 12/31/2024	-1,947	0	0	0	0	-1,947	0	0	0		0 0
	P	roject Sub-total:	950	0	0	0	0	950	0	0	0		0 0
0 WAS907	7098 ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM												
0		01/01/2010 12/31/2021	1,899	0	0	153	0	1,746	0	0	0		0 0
0	13 ABTP OUTFALL ASSESSMENT	01/01/2012 12/31/2013	1,300	0	0	105	0	1,195	0	0	0		0 0
0	14 OUTFALL ENGINEERING	01/01/2015 12/31/2024	100	0	0	8	0	92	0	0	0		0 0
0	21 DISINFECTION ENGINEERING - 2015 SC	01/01/2015 12/31/2024	-1,149	0	0	-93	0	-1,056	0	0	0		0 0
0	22 OUTFALL ASSESSMENT - 2015 SC	01/01/2015 12/31/2024	-1,290	0	0	-104	0	-1,186	0	0	0		0 0
	P	roject Sub-total:	860	0	0	69	0	791	0	0	0		0 0
		-		l									



CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/F	inancing		2015					Financ	cing				
Priority I	-	Start Date Completion Date		Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WA	S907099 ASHBRIDGES BAY WWTP - LIQUID TREATMENT & HA	NDLIN											
0	1 FINE BUBBLE AERATION IMPLEMENTATION	01/01/201312/31/2015	9,500	0	0	765	0	8,735	0	0	0		0 0
0	3 PRIMARY TREATMENT UPGRADE CONT #1	01/01/201012/31/2016	25,175	0	0	2,018	0	23,157	0	0	0		0 0
0	6 M & T PUMPING STATION CRITICAL REPAIRS	01/01/2014 12/31/2023	5,250	0	0	0	0	5,250	0	0	0		0 0
0	7 Primary and Secondary Tanks Rehabilitation	01/01/201212/31/2013	1,900	0	0	153	0	1,747	0	0	0		0 0
0	10 INTERGRATED PUMPING STATION - ENGINEERING	01/01/201012/31/2021	4,500	0	0	0	0	4,500	0	0	0		0 0
0	12 WORK AREA 1 REHAB	01/01/201012/31/2015	2	0	0	0	0	2	0	0	0		0 0
0	57 INTEGRATED PUMPING STATION (IPS) - ENG - 2015 SC	01/01/2015 12/31/2024	-1,550	0	0	0	0	-1,550	0	0	0		0 0
0	59 Primary and Final Tank Upgrades - 2015 SC	01/01/2015 12/31/2024	1,000	0	0	81	0	919	0	0	0		0 0
0	60 M & T PUMPING STATION CRITICAL REPAIRS - 2015 SC	01/01/2015 12/31/2024	-1,050	0	0	0	0	-1,050	0	0	0		0 0
0	61 FINE BUBBLE AERATION - TANK #2-2015 SC	01/01/2015 12/31/2024	-2,700	0	0	-218	0	-2,482	0	0	0		0 0
0	62 P BLDG HEADWORKS UPGRADE-2015 SC	01/01/201512/31/2024	555	0	0	53	0	502	0	0	0		0 0
		Project Sub-total:	42,582	0	0	2,852	0	39,730	0	0	0		0 0
0 WA	S907100 ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING	3											
0	3 WASTE ACTIVATED SLUDGE UPGRADE - ENGINEERING	01/01/201212/31/2021	2,680	0	0	216	0	2,464	0	0	0		0 0
0	4 DIGESTERS 9-12 REFURBISHMENT	01/01/201212/31/2017	800	0	0	64	0	736	0	0	0		0 0
0	8 BIOSOLIDS PELLETIZER RETROFIT	01/01/201012/31/2021	400	0	0	0	0	400	0	0	0		0 0
0	25 PELLETIZER TRUCK LOADING FACILITY UPGRADES	10/09/201210/09/2012	1,450	0	0	0	0	1,450	0	0	0		0 0
0	31 WASTE ACTIVATED SLUDGE UPGRADE - ENG - 2015 SC	01/01/201512/31/2024	-1,180	0	0	-95	0	-1,085	0	0	0		0 0
0	33 DIGESTERS 9-12 REFURBISH-2015 SC	01/01/201512/31/2024	-200	0	0	-16	0	-184	0	0	0		0 0
0	34 PELLETIZER TRUCK LOADING FACILITY UPGRADES-201	5 01/01/2015 12/31/2024	-950	0	0	0	0	-950	0	0	0		0 0
	1	Project Sub-total:	3,000	0	0	169	0	2,831	0	0	0		0 0
0 WA	S907101 ASHBRIDGES BAY WWTP - O&M UPGRADES												
0	5 PROCESS & EQUIP UPGRADES	01/01/201012/31/2016	69	0	0	0	0	69	0	0	0		0 0
0	6 MESI UPGRADES	01/01/2012 06/30/2014	3,490	0	0	0	0	3,490	0	0	0		0 0
0	7 MISC MECH REHAB	01/01/201012/31/2015	5,600	0	0	0	0	5,600	0	0	0		0 0
0	22 MISC MECH REHAB - 2015 SC	01/01/201512/31/2024	-3,499	0	0	0	0	-3,499	0	0	0		0 0
0	24 MESI UPGRADES - 2015 SC	01/01/201512/31/2024	-390	0	0	0	0	-390	0	0	0		0 0
		Project Sub-total:	5,270	0	0	0	0	5,270	0	0	0		0 0
0 WA	S907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL												
0	6 BIOFILTERS UPGRADE	01/01/201212/31/2015	7,054	0	0	567	0	6,487	0	0	0		0 0
0	13 D BUILDING TREATMENT & BIOFILTER	01/01/201012/31/2013	1,613	0	0	130	0	1,483	0	0	0		0 0
0	32 BIOFILTERS UPGRADE & REPLACEMENT - 2015 SC	01/01/2015 12/31/2024	-4,611	0	0	-370	0	-4,241	0	0	0		0 0
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CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Project/l	Financing		2015					Financ	ing				
Priority	Project Project Name	Start Date Completio Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WA	S907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL												
0	33 D BUILDING TREATMENT & BIOFILTER-2015 SC	01/01/2015 12/31/202	4 -1,413	0	0	-114	0	-1,299	0	0	0		0 0
		Project Sub-total:	2,643	0	0	213	0	2,430	0	0	0		0 0
0 WA	S907104 HUMBER WWTP - LIQUID TREATMENT & HANDLIN	<u>G</u>											
0	2 SECONDARY TREATMENT UPGRADES	01/01/201012/31/202	1 8,593	0	0	21	0	8,572	0	0	0		0 0
0	18 SECONDARY TREATMENT UPGRADES -2015 SC	07/02/2014 07/02/201	4 537	0	0	714	0	-177	0	0	0		0 0
0	19 SECONDARY TREATMENT UPGRADES - SOUTH - CON	IS 01/01/2015 12/31/202	4 200	0	0	16	0	184	0	0	0		0 0
		Project Sub-total:	9,330	0	0	751	0	8,579	0	0	0		0 0
0 WA	S907105 HUMBER WWTP - O&M UPGRADES												
0	1 Digester 7 & 8 Upgrades & Cogen Upgrades	01/01/201012/31/202	1 12,217	0	0	0	0	12,217	0	0	0		0 0
0	2 LIQUID STREAM UPGRADES	01/01/201012/31/201	3 250	0	0	20	0	230	0	0	0		0 0
0	27 GAS COMPRESSOR SYSTEM UPGRADES-2015 SC	01/01/2015 12/31/202	-2,633	0	0	0	0	-2,633	0	0	0		0 0
0	28 LIQUID STREAM UPGRADES-2015 SC	01/01/2015 12/31/202	-250	0	0	-20	0	-230	0	0	0		0 0
		Project Sub-total:	9,584	0	0	0	0	9,584	0	0	0		0 0
0 WA	S907106 HUMBER WWTP - ODOUR CONTROL												
0	1 Odour Control Implementation Phase 1	01/01/201212/31/201	15,000	0	0	1,207	0	13,793	0	0	0		0 0
0	11 ODOUR CONTROL IMPLEMENTATION - PHASE 1-2015	SC 01/01/201512/31/202	4 17,730	0	0	1,427	0	16,303	0	0	0		0 0
		Project Sub-total:	32,730	0	0	2,634	0	30,096	0	0	0		0 0
0 WA	S907224 SEWAGE PUMPING STATION UPGRADES			Ì									
0	1 SPS UPGRADES	01/01/2011 12/31/201	9 7,302	0	0	588	0	6,714	0	0	0		0 0
0	2 SCOTT STREET PS UPGRADES	01/01/2012 12/31/201	3 20	0	0	2	0	18	0	0	0		0 0
0	4 SUNNYSIDE AND MARYPORT SPS UPGRADES	01/01/2012 12/31/201	4 1,137	0	0	91	0	1,046	0	0	0		0 0
0	22 SUNNYSIDE SPS REHAB - 2015 SC	01/01/2015 12/31/202	443	0	0	36	0	407	0	0	0		0 0
0	23 SCOTT ST PS -2015 SC	01/01/2015 12/31/202	4 -6	0	0	-1	0	-5	0	0	0		0 0
0	24 SPS UPGRADES-2015 SC	01/01/2015 12/31/202	-331	0	0	-27	0	-304	0	0	0		0 0
		Project Sub-total:	8,565	0	0	689	0	7,876	0	0	0		0 0
0 WA	S907559 DON & WATERFRONT TRUNK CSO												
0	1 DON & WATERFRONT TRUNK/CSO PKG 1 - DESIGN	01/01/201212/31/202	6,989	0	0	562	0	6,427	0	0	0		0 0
0	10 Don&Waterfront Trunk/CSO Design PH1-2015 SC	01/01/2015 12/31/202	-839	0	0	-67	0	-772	0	0	0		0 0
		Project Sub-total:	6,150	0	0	495	0	5,655	0	0	0		0 0
0 WA	S907700 NORTH TORONTO WTP UPGRADES			1									
0	2 NTTP-ELECTRICAL UPGRADES	01/01/201212/31/201	8 915	0	0	0	0	915	0	0	0		0 0

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



(Phase 5) 11-Wastewater Program

CITY OF TORONTO

Appendix 5: 2015 Council Approved Capital Budget with Financing Detail

Wastewater Program Sub-Project Summary

Project/Fin	ancing		2015					Financ	ing				
Priority Pro	oject 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
0 WAS9	07700 NORTH TORONTO WTP UPGRADES				11				Current		<u> </u>		
0	8 NTTP - ELECTRICAL UPGRADES - ECAR - 2015 SC	01/01/2015 12/31/2024	-913	0	0	0	0	-913	0	0	0		0 0
		Project Sub-total:	2	0	0	0	0	2	0	0	0		0 0
0 WAS9	08143 Georgetown South City Infrastructure Upgrades												
0	1 Georgetown South City Infrastructure Upgrades	01/01/2015 12/31/2015	5,680	0	0	0	0	5,680	0	0	0		0 0
		Project Sub-total:	5,680	0	0	0	0	5,680	0	0	0	(0 0
0 WASV	VP003 EMERY CREEK POND												
0	1 EMERY CREEK POND	01/01/201012/31/2016	5,412	0	0	434	0	4,978	0	0	0		0 0
0	13 EMERY CREEK POND - 2015 SC	07/02/2014 07/02/2014	-1,512	0	0	-120	0	-1,392	0	0	0	(0 0
		Project Sub-total:	3,900	0	0	314	0	3,586	0	0	0		0 0
0 WASV	VP050 EQUIPMENT REPLACEMENT & REHABILITATION												
0	127 EQUIPMENT REPLACEMENT-2015 SC	01/01/201512/31/2024	-2,520	0	0	0	0	-2,520	0	0	0		0 0
0	128 REHAB OF SOUTH PRIMARY CLARIFIERS- 2015 SC	01/01/2015 12/31/2024	6	0	0	0	0	6	0	0	0	(0 0
1	78 North Primaries Pumping Equipment	01/01/201212/31/2015	2,900	0	0	0	0	2,900	0	0	0	(0 0
		Project Sub-total:	386	0	0	0	0	386	0	0	0		0 0
Program T	otal:		466,685	0	0	31,598	0	435,087	0	0	0		0 0

Status Code Description

S2 S2 Prior Year (With 2015 and\or Future Year Cashflow)

S3 Prior Year - Change of Scope 2015 and\or Future Year Cost\Cashflow)

S3 S4 S4 New - Stand-Alone Project (Current Year Only)

S5 S5 New (On-going or Phased Projects)

Category Code Description

Health and Safety C01 02 Legislated C02 State of Good Repair C03 03

04 Service Improvement and Enhancement C04

05 Growth Related C05 Reserved Category 1 C06 06 07 Reserved Category 2 C07

Appendix 6

Reserve / Reserve Fund Review

Table 11: Reserve / Reserve Fund – Program Specific (\$000s)

				(700	· · <i>I</i>								
	Table 1						Contri	ibutions / (Withdraw	ls)			
	Project / SubProject Name and	Projected Balance as at Dec 31.	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2015 - 2024 Total Contributions /
Reserve / Reserve Fund Name		2014 *	Budget	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	(Withdrawls)
neserve / neserve runa ivame	Beginning Balance	49,653	62,188	59,975	57,139	32,391	25,416	26,043	29,069	22,562	19,545	22,907	(vviciiai avvis)
Water DC Reserve Fund	REPLACEMENT	45,055	(179)	(549)	37,133	32,331	23,410	20,043	23,003	22,302	13,343	22,307	(728)
Water be neserver and	BAYVIEW TRUNK WATERMAIN - PH2		(173)	(040)		(212)	(53)	(212)	(2,115)	(2,115)			(4,707)
XR2111 DC - Water (2009)	D2/D4 TRUNK WATERMAIN UPGRADES					(123)	(245)	(2,289)	(8,421)	(7,042)	(4,211)		(22,331)
XXZIII DC Water (2003)	DIST W/M REPLACEMENT		(7,346)	(12,477)	(13,525)	(14,570)	(16,024)	(17,267)	(18,272)	(18,589)	(18,641)	(18.641)	(155,352)
	DISTRICT WATERMAINS - NEW		(102)	(500)	(425)	(425)	(425)	(425)	(425)	(425)	(425)	(425)	(4,002)
	DOWNTOWN W/M ENHANCEMENT		(2,376)	(1,557)	(1)	(-= = 7	(== 0)	(.= 0 /	(:==)	(==)	(== 0)	(:==)	(3,934)
	ENGINEERING STUDIES		(52)	(25)									(77)
	HARRIS W.T.P. R&R		V- /	(15)	(91)	(213)	(213)						(532)
	HORGAN TRUNK MAIN EXPANSION		(342)	(2,363)	(11,793)	(10,248)	(1,600)	(2,422)	(3,329)	(1,065)	(226)	(193)	(33,581)
	HORGAN W.T.P. EXPANSION		(1,118)	(1,682)		, , ,				, , , ,	` '	` '	(2,800)
	ISLAND W.T.P. R&R		(9)	(112)	(426)	(426)	(426)	(122)					(1,521)
	ISLAND W.T.P. R&R		(10)										(10)
	PLAN		(6,471)	(3,354)	(18,078)	(2,127)	(3,531)						(33,561)
	PW ENGINEERING		(229)	(352)	(384)	(332)	(298)	(298)	(298)	(298)	(191)	(85)	(2,765)
	RL CLARK W.T.P. R&R		(649)	(553)	(1,340)	(817)	(2)						(3,361)
	TRANSMISSION R&R			(6)	(121)								(127)
	TRUNK WATERMAIN EXPANSION		(192)	(2,323)	(3,185)	(3,042)	(2,467)	(24)					(11,233)
	WATER EFFICIENCY PROGRAM		(520)	(520)	(520)	(442)	(442)	(442)	(442)	(442)	(442)	(442)	(4,654)
	WATER STORAGE EXPANSION		(92)										(92)
	WATER SUSTAINABILITY PROGRAM		(74)	(809)	(438)	(1)							(1,322)
	Total Withdrawals	(7,715)	(19,761)	(27,197)	(50,327)	(32,978)	(25,726)	(23,501)	(33,302)	(29,976)	(24,136)	(19,786)	(286,690)
	Projected Contributions/Interest	20,250	17,548	24,361	25,579	26,003	26,353	26,527	26,795	26,959	27,498	28,048	255,671
Total Reserve Fund Balance at	Year-End	62,188	59,975	57,139	32,391	25,416	26,043	29,069	22,562	19,545	22,907	31,169	

^{*} Based on the 9 Month Variance Report

	Table 2		Contributions / (Withdrawls)											
Reserve / Reserve Fund Name	Project / SubProject Name and Number	Projected Balance as at Dec 31, 2014 *	2015 Budget	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2015 - 2024 Total Contributions / (Withdrawls)	
Sanitary Sewer DC Reserve Fund	Beginning Balance	52,661	50,358	41,548	35,118	31,837	28,453	22,114	16,989	12,578	7,348	5,966		
	ASHBRIDGES BAY T.P III YR2004		(120)	(4)	(2)								(126)	
	ASHBRIDGES BAY T.P. YR2006		(65)	(41)	(84)								(190)	
XR2026 DC - Sewer (2004)	ASHBRIDGES BAY WWTP - EFFLUENT													
	SYSTEM		(69)	(948)	(2,599)	(3,493)	(5,910)	(3,755)	(3,571)	(3,348)	(740)		(24,433)	
	ASHBRIDGES BAY WWTP - LIQUID													
XR2112 DC - Sewer (2009)	TREATMENT & HANDLING		(2,852)	(2,895)	(2,020)	(1,258)	(406)	(845)	(1,207)	(1,287)	(2,012)	(2,294)	(17,076)	
	ASHBRIDGES BAY WWTP - ODOUR													
	CONTROL		(213)	(1,021)	(676)	(10)							(1,920)	
	ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING		(169)	(209)	(1,533)	(1.626)	(1.345)	(1.144)	(842)	(613)	(6)		(7,487)	
	ASHBRIDGES BAY WWTP REHAB		(387)	(602)	(651)	(574)	(56)	(4)	(+ .=/	(=.=)	(-/		(2,274)	
	ASHRIDGES BAY TP YR2005		(14)	(73)	(22)	(68)	(00)	(./					(177)	
	DIST SEWER REHAB OPS YR2005		(31)	(1)	(LL)	(00)							(32)	
	DON & WATERFRONT TRUNK CSO		(495)	(1,014)	(322)	(1,372)	(2,308)	(2,389)	(2.469)	(4,511)	(3,858)	(4,729)	(23,467)	
	HIGHLAND CREEK T.P IV YR2004		(5)	(10)	(OLL)	(1,072)	(2,000)	(2,000)	(2,100)	(1,011)	(0,000)	(1,720)	(15)	
	HIGHLAND CREEK TP YR2005		(10)	(9)									(19)	
	HIGHLAND CREEK WWTP - ODOUR CONTROL		(1,248)	(1,487)	(1,362)	(1,312)	(554)	(262)	(455)	(425)	(215)		(7,320)	
	HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING		(60)	(571)	(366)	(1,127)	(1,851)	(1,569)	(1,489)	(20)	(20)		(7,073)	
	HIGHLAND CREEK WWTP UPGRADES		(838)	(1,527)	(533)	(50)	(171)	(650)	(483)				(4,252)	
	HUMBER T.P II YR2004		(12)		(1)	(1)							(14)	
	HUMBER TP YR2005		(2)										(2)	
	HUMBER WWTP - LIQUID TREATMENT &													
	HANDLING		(751)	(2,104)	(3,947)	(3,913)	(3,917)	(3,818)	(3,373)	(52)	(131)	(604)	(22,610)	
	HUMBER WWTP - ODOUR CONTROL		(2,634)	(946)	(272)								(3,852)	
	NEW SEWER CONSTRUCTION		(2,811)	(6,122)	(5,311)	(3,811)	(4,311)	(4,811)	(4,811)	(4,811)	(4,811)	(4,811)	(46,421)	
	SEWAGE PUMPING STATION UPGRADES		(689)	(313)	(26)	(149)	(384)	(467)	(382)	(294)	(127)	(4)	(2,835)	
	SEWER ASSET PLANNING		(201)	(275)	(322)	(394)	(241)	(201)	(201)	(201)	(201)	(141)	(2,378)	
	SEWER REPLACEMENT PROGRAM		(8,158)	(4,219)	(1,850)	(1,610)	(1,811)	(2,012)	(2,213)	(2,213)	(2,213)	(2,213)	(28,512)	
	SEWER SYSTEM REHABILITATION		(204)	(402)	(508)	(507)	(295)	(83)	(2)				(2,001)	
	TRUNK SEWER SYSTEM				(156)	(1,711)	(2,644)	(3,111)	(3,111)	(7,777)	(7,777)	(7,777)	(34,064)	
	Total Proposed Withdrawals	(17,568)	(22,038)	(24,793)	(22,563)	(22,986)	(26,204)	(25,121)	(24,609)	(25,552)	(22,111)	(22,573)	(238,550)	
Projected Contributions/Interest		15,265	13,228	18,363	19,282	19,602	19,865	19,996	20,198	20,322	20,729	21,143	192,728	
Total Reserve Fund Balance at Year-End		50,358	41,548	35,118	31,837	28,453	22,114	16,989	12,578	7,348	5,966	4,536		

^{*} Based on the 9 Month Variance Report

Table 3			Contributions / (Withdrawls)										
		Projected											2015 - 2024
		Balance as											Total
	Project / SubProject Name and	at Dec 31,	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Contributions /
Reserve / Reserve Fund Name	Number	2014 *	Budget	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	(Withdrawls)
Storm Water Management DC	Beginning Balance	14,697.4	11,771.4	5,740.4	5,545.4	8,108.4	10,515.4	12,294.4	13,658.4	14,129.4	15,833.4	16,346.4	
	EMERY CREEK POND		(314.0)	(86.0)									(400.0)
	Land Acquisition for Source Water Protect		(564.0)	(295.0)	(322.0)	(322.0)	(362.0)	(362.0)	(362.0)	(362.0)	(403.0)	(403.0)	(3,757.0)
	SEWER REPLACEMENT PROGRAM		(6,049.0)	(2,616.0)									(8,665.0)
	STREAM RESTORATION & EROSION												
XR2113 DC - SWM (2009)	CONTROL		(995.0)	(555.0)	(808.0)	(711.0)	(1,085.0)	(1,063.0)	(1,071.0)	(939.0)	(1,020.0)	(1,180.0)	(9,427.0)
XR2404 DC - SWM (2004)	SWM TRCA FUNDING		(327.0)	(336.0)	(344.0)	(353.0)	(361.0)	(371.0)	(380.0)	(389.0)	(399.0)	(409.0)	(3,669.0)
	SWM END OF PIPE FACILITIES		(837.0)	(390.0)	(528.0)	(928.0)	(1,170.0)	(1,620.0)	(2,549.0)	(1,247.0)	(2,414.0)	(5,634.0)	(17,317.0)
	WESTERN BEACHES RETROFIT		(97.0)	(330.0)	(80.0)								(507.0)
	WET WEATHER FLOW MP		(377.0)	(486.0)	(499.0)	(508.0)	(543.0)	(555.0)	(555.0)	(781.0)	(781.0)	(539.0)	(5,624.0)
	Total Proposed Withdrawals	(6,998.0)	(9,560.0)	(5,094.0)	(2,581.0)	(2,822.0)	(3,521.0)	(3,971.0)	(4,917.0)	(3,718.0)	(5,017.0)	(8,165.0)	(49,366.0)
	Projected Contributions	4,072.0	3,529.0	4,899.0	5,144.0	5,229.0	5,300.0	5,335.0	5,388.0	5,422.0	5,530.0	5,641.0	51,417.0
Total Reserve Fund Balance at Year-End		11,771.4	5,740.4	5,545.4	8,108.4	10,515.4	12,294.4	13,658.4	14,129.4	15,833.4	16,346.4	13,822.4	

^{*} Based on the 9 Month Variance Report