# Toronto 2015

#### **CAPITAL ANALYST NOTES**



### Toronto Water

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#### 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 Recommended Capital Budget and Plan to increase investments in the underfunded Basement Flooding Protection and Wet Weather Flow Master Plan projects.

#### Highlights

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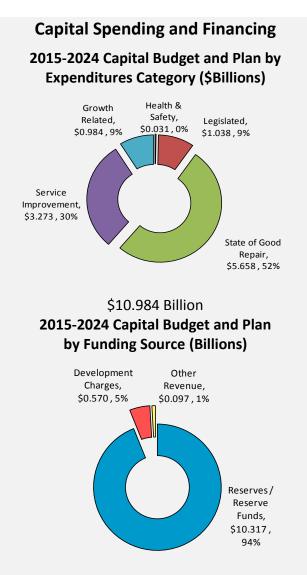
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\$10.984 billion

State of Good Repair Backlog

#### Where does the money go?

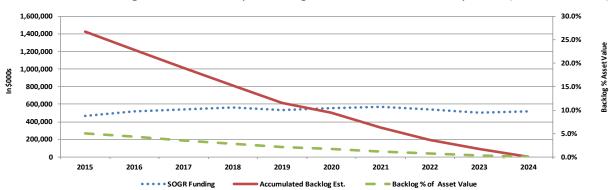
The 2015–2024 Recommended Capital Budget and Plan totals \$10.984 billion and provides funding for:

- 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 Recommended 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 Recommended 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.



The 10-Year Recommended 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 Water

#### **Key Challenges and Priority Actions**

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

✓ The 10-Year Recommended 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 Recommended 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 Recommended 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 recommended 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 recommended 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 Recommended 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).









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#### Recommendations

The City Manager and Chief Financial Officer recommend that:

- 1. City Council approve the 2015 Recommended Capital Budget for Toronto Water with a total project cost of \$1.121 billion, and 2015 cash flow of \$782.403 million and future year commitments of \$2.983 billion comprised of the following:
  - a) New Cash Flow Funds for:
    - i. 286 new / change in scope sub-projects with a 2015 total project cost of \$1.121 billion that requires cash flow of \$42.771 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.
- City Council approve the 2016-2024 Recommended Capital Plan for Toronto Water totalling \$7.275 billion in project estimates, comprised of \$149.421 million in 2016; \$309.883 million for 2017; \$704.947 million for 2018; \$934.350 million for 2019; \$992.975 million for 2020; \$1.063 billion for 2021; \$1.085 billion for 2022; \$1,001.498 billion for 2023; and \$1.034 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 Recommended 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. This report be considered concurrently with the 2015 Water and Wastewater Rate Report from the Deputy City Manager and Chief Financial Officer and General Manager for Toronto Water.



#### **10 Year Capital Plan**

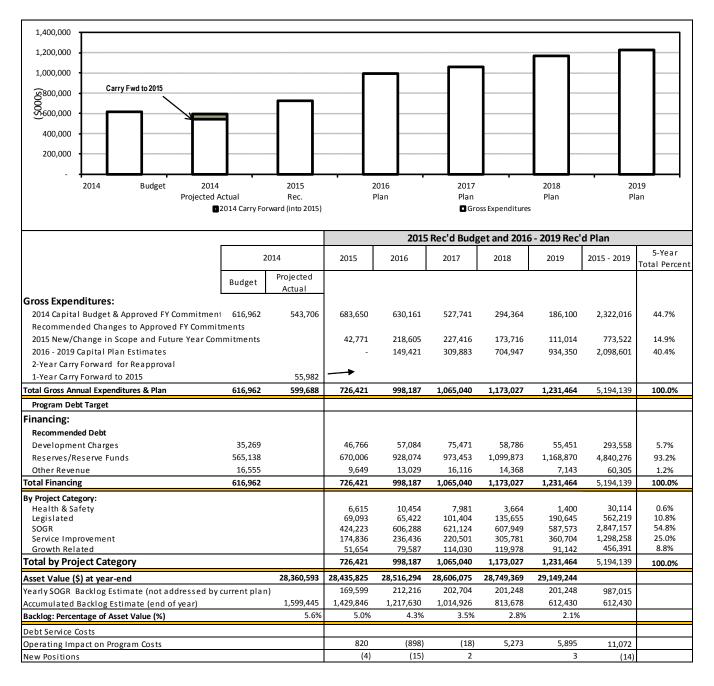
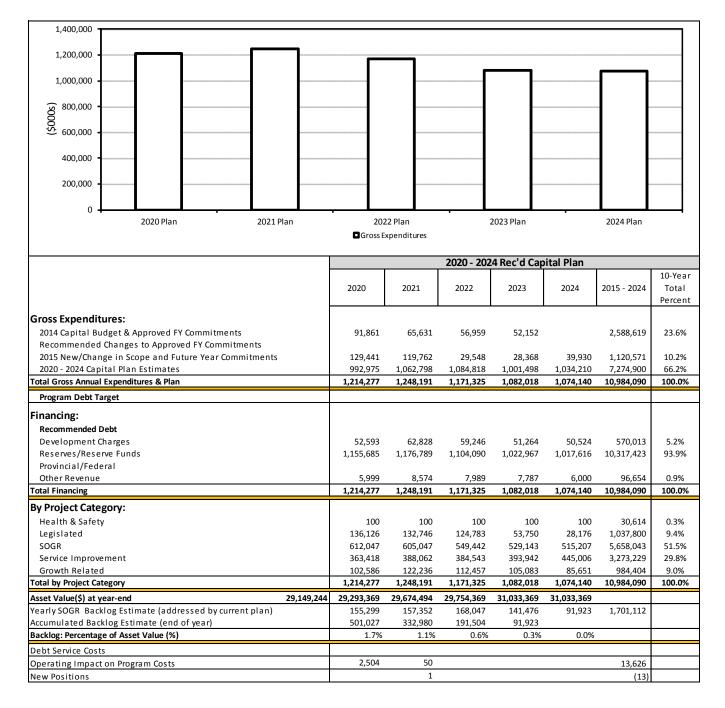


Table 1a2015 Recommended Budget, 2016-2019

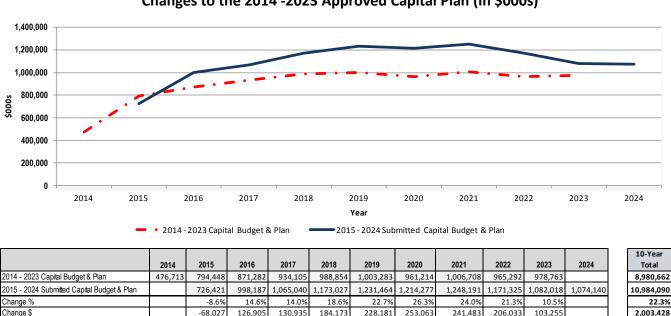
Table 1b2020 - 2024 Recommended Capital Plan



#### Key Changes to the 2014 - 2023 Approved Capital Plan

The 2015 Recommended Capital Budget and the 2016 - 2024 Recommended Capital Plan reflects an increase of \$1.975 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.





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 \$126.905 million in 2016 to \$253.063 million in 2020.

This change is driven by the increase of \$1.406 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 Recommended 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)

\$000s	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2015 - 2023 Total
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		8,503,949
2015 - 2024 Rec'd Capital Budget & Plan		726,421	998,187	1,065,040	1,173,027	1,231,464	1,214,277	1,248,191	1,171,325	1,082,018	1,074,140	9,909,950
Capital Budget & Plan Changes (2015 - 2023	)	(68,027)	126,905	130,935	184,173	228,181	253,063	241,483	206,033	103,255		1,406,001

	Total Project Cost	2015	2016	2017	2018	2019	2020	2021	2022	2023	2015 - 2023	2024	Revised Total Project 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	i i
Wastewater Collection & Treatment &													
Stormwater Management													1
Ashbridges Bay Wastewater Treatment		(24.047)	(26.700)	(40.070)	(20.00.4)	22.050	4 224	(20.462)	(40,440)	(76.200)	(100,110)	00.040	
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
				,		9,136							N/A N/A
Humber Wastewater Treatment Plant	N/A	10,137	14,570	13,036	4,392	9,130	17,715	5,535	(28,980)	(12,755)	32,786	16,125	N/A
Sewer System Rehabilitation & Trunk	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 & Sewage Pumping Stations					1.297	1,558	5,150	5,300	5,400	5,400		55,000	N/A N/A
Sewer Replacement Program New Sewer Construction	N/A N/A	(19,125) 2,530	(484) 2,840	6,295 2,840	2.840	2.840	2.840	2.840	2.840	2.840	(5,231) 25,250	16.840	N/A N/A
Pumping Stations	N/A N/A	(4,044)	2,840	2,840	2,840	3,745	1,278	2,840	2,840	2,840	5,233	2,100	N/A N/A
Basment Flooding Relief	N/A N/A	(21,250)	(35,089)	4,740	2,430	6,713	(3,986)	7	80	1,000	(17,914)	111,540	N/A N/A
Waterfront	N/A N/A	13,939	8,020	4,740	29,951	6,713	(3,980)	/		1,000	21,959	111,540	N/A N/A
WeteWather Flow Stream Restoration &	IN/A	15,959	8,020								21,959		N/A
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 N/A	304	595	725	(3,885) 840	640	20,070	20,070	840	(9,060)	(4,436)	5,240	N/A
Subtotal	IN/A	(56,203)	(25,984)	(22,383)	14,607	100,605	89,794	62,888	59,074	(41,582)	180,816	636,243	N/A
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
Takal Densionals American	491.412	(78,445)	84.936	90.255	97.478	138,119	147.073	132,743	103,493	(8,635)	707,017	975,890	-
Total Previously Approved Added Funding/Projects	491,412	(70,445)	04,930	90,255	57,478	156,119	147,073	152,743	103,493	(8,035)	707,017	975,890	
R.C. Harris Water Treatment Plant	N/A	300	1,270	250							1.820		- N/A
Island Water Treatment Plant	N/A N/A	300	1,270	490	45						1,820		N/A N/A
		- 15	90	1,700	45	E 750	11 200	9 700	1 5 5 0	8,950	55,150	850	4
WT Storage, Treatment and Pumping Station	N/A	- 250	2 6 4 0		17,200	5,750	11,300	8,700	1,550	8,950		850	N/A
Transmission Watermains	N/A	250	3,640	4,270	640						8,800		N/A
Ashbridges Bay Wasterwater Treatment	N/A	200	1 100	2.400	14.400	12.000	6 5 6 6	6 200	C 400	6 5 6 6	56,000	6 500	N1/A
Plant Highland Creek Wastewater Treatment	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
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	L
Total Changes	491,412	(68,027)	126,905	130,935	184,173	228,181	253,063	241,483	206,033	103,255	1,406,001	1,074,140	

#### Significant Capital Project Changes in Toronto Water:

#### Added Funding/Projects:

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

Based on increased funding generated from the recommended 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 10year 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.

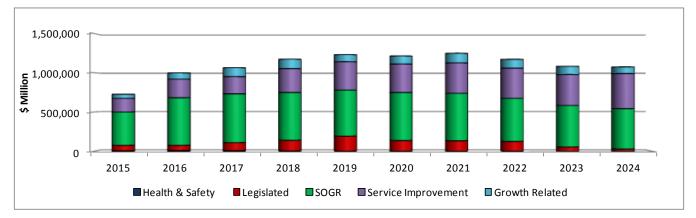


Chart 2 2015 – 2024 Capital Plan by Project Category (In \$000s)

As illustrated in the chart above, the 10-Year Recommended 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.

	Total App'd Cash Flows to Date*	2015 Budget	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2024 Plan	2015 - 2024 Total	Rec'd Tota Project Cost
Total Expenditures by Category State of Good Repair (including Health & Safety and Legislated projects)													
Watermain Rehabilitation (Cleaning &													
Lining)	N/A	49,218	62,572	70,041	69,438	67,512	67,705	72,052	73,901	74,003	74,108	680,550	N/A
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	N/A
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	N/A
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	N/A
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/A
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	N/A
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	N/A
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/A
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/A
FJ Horgan Treatment Plant	205,440	2,061	4,200	5,283	3,250	620	1,024	775	675	200	200	18,288	223,728
Island Water Treatment Plant	N/A	3,050	8,239	9,560	7,825	7,625	2,575	385	525	375	525	40,684	N/A
Trunk Sewer & Sewage Pumping Stations		26,693	28,550	27,847	27,784	26,096	25,011	25,000	25,000	25,000	25,000	261,981	N/A
Ashbridges Bay Wastewater Treatment	N/A												N/A
Plant (ABTP)		69,313	117,750	184,368	224,763	257,069	203,107	191,159	176,849	108,820	65,140	1,598,338	
Highland Creek Wastewater Treatment 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/A
Humber Wastewater Treatment Plant	N/A	56,589	57,026	70,337	55,483	24,545 55,680	59,305	45,880	23,300	4,245	16,125	422,995	N/A
Stream Restoration & Erosion Control	N/A N/A	13,266	11,995	12,049	11,036	15,675	15,410	45,880	12,310	12,310	13,310	132,271	N/A
Other Projects	N/A N/A	26,994	37,246	25,361	14,558	21,817	24,685	17,235	17,360	12,510	21,535	225,701	N/A
Sub-Total	N/A	499,931	682,164	730,509	747,268	779,618	748,273	737,893	674,325	582,993	543,483	6,726,457	N/A
		433,331	082,104	730,309	747,200	775,018	740,275	/3/,855	074,323	362,993	343,403	0,720,437	
Service Improvements													
Basment Flooding Relief	N/A	62,080	82,833	129,094	167,069	176,625	178,204	183,747	189,090	188,440	188,440	1,545,622	N/A
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/A
Wet Weather Flow - Implementation	N/A												N/A
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/A
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/A
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	232,155
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/A
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	
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/A
New Sewer Construction	N/A	6,330	10,840	12,840	12,840	14,840	16,840	16,840	16,840	16,840	16,840	141,890	N/A
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/A
Trunk Water Mains	N/A	798	11,850	38,800	35,170	11,350	13,550	34,920	24,525	11,000	600	182,563	N/A
Lawrence Allan Revitalization Plan	N/A	6,338	3,354	18,078	2,127	3,531						33,428	N/A
Regent Park Capital Contribution	N/A	1,167	1,803	475	1,090	632	37	54	31			5,289	N/A
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/A
Sub-Total		51,654	79,587	114,030	119,978	91,142	102,586	122,236	112,457	105,083	85,651	984,404	
Total Expenditures by Category		726,421	998,187	1,065,040	1,173,027	1,231,464	1,214,277	1,248,191	1,171,325	1,082,018	1,074,140	10,984,090	
Major IT Projects													
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/A
Asset Management Implementation	N/A	5,740	500	1,004	1,000	1,000	1,000	1,000	1,000	500	1,375	7,000	N/A
Busines IT Projects	N/A		500	1,000	1,000	1,000	1,000	1,000	1,000	500		,,000	N/A
Business Intelligence Initiatives	N/A	280										280	N/A
Backflow Inspection Portal	N/A	200	200	200								400	N/A
Section inspection for all			200	200									
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	

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

\*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 Recommended Capital Projects

The 10-Year Recommended 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 Recommended 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 Recommended 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. It is recommended that the General Manager, Toronto Water provide a status
  update as part of the 2016 Budget process.

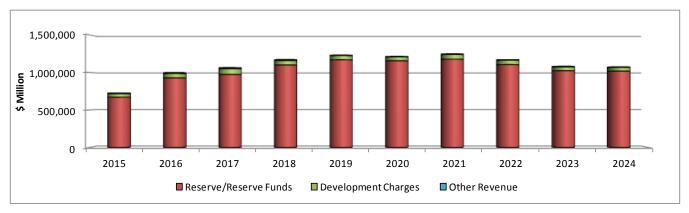
#### Service Improvements

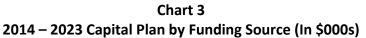
- Approximately \$1.546 billion or 14% of total funding over the 10-year period has been allocated to implement the Basement Protection Program projects in basement flooding study areas across the City, which will reduce the risk of future flooding during extreme storm events.
- The 2015 -2024 Recommended 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 \$150.796 million over the 10year 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 \$182.563 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 Recommended 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 (\$33.428 million) and the Regent Park Revitalization project (\$5.289 million).



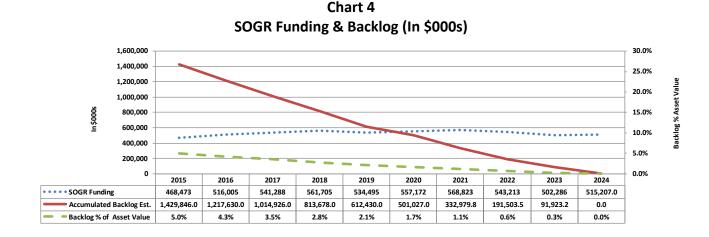


Over the 10-year planning horizon, Toronto Water's Capital Plan continues to be 100% funded by rate revenues and does not require debenture financing.

- The 10-Year Recommended 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 \$670.006 million in 2015 to \$1.177 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 Recommended 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 Recommended 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 Recommended 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:

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

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

- 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. It is recommended that the General Manager, Toronto Water 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**

	2015 Rec'd Budget 2			Plan	Plan	2018	8 Plan	2019	9 Plan 2015		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 &														
Equipment	100.0										100.0		100.0	
Ashbridges Bay Odour Control	175.0										175.0		175.0	
Ashbridges Bay WWTP "D" Building														
and Biofilter	300.0										300.0		300.0	
Ashbridges Bay WWTP - New														
Generators	155.0										155.0		155.0	
Humber Treatment Plant - Chlorine														) i
Facility Upgrades	100.0	1.0									100.0	1.0	100.0	1.0
Humber Treatment Plant - Odour														
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)	(1,671.0)	(24.0)
Humber Treatment Plant -	(/	、 - <b>/</b>	( ) /	,							( ) /		( ) )	
Cogeneration Upgrades					(600.0)						(600.0)		(600.0)	
Highland Creek WWTP Process and					(,						(/		(,	1
Facility Upgrades - Biosolids														
Treatment Upgrades							5,220.0		5,530.0		10,750.0		10,750.0	
Highland Creek WWTP Process and							-,		-,					i i
Facility Upgrades - Corosion														
Control	15.0		63.0		52.0						130.0		130.0	
Laboratory Equipment (Warranty														ĺ
Expiry)	45.0										45.0		45.0	1
														1
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				250.0	2.0	240.0	2.0	240.0	2.0
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	155.5	2.0	100.0	1.0	100.0	1.0	53.0				253.0	4.0	253.0	4.0
SWM End of Pipe Facilities - North			100.0		100.0		55.0				233.0		233.0	
Toronto			50.0								50.0		50.0	
New Projects - Future Years			50.0								50.0		50.0	
SWM End of Pipe Facilities -														
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 -									115.0	1.0	113.0	1.0	115.0	1.0
Desinfection Construction					103.0	1.0					103.0	1.0	2,607.0	1.0
Total					105.0	1.0					105.0	1.0	2,007.0	1.0
		(	(000 -)	(	(1=-)									(1.0)
Program Recommended (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)

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

The 10-Year Recommended 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.

	CAPTOR		Project I	Delivery		Salary and	d 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)

 Table 6

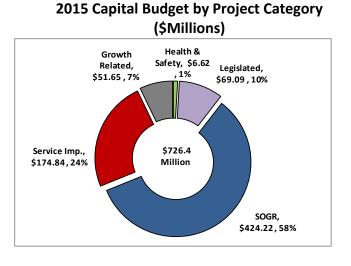
 Capital Project Delivery: Temporary Positions

Approval of the 2015 – 2024 Recommended 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

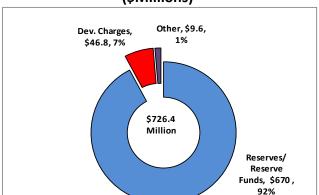
#### **Recommended Capital Budget**



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

The 2015 Recommended Capital Budget, excluding funding carried forward from 2014 to 2015, requires new 2015 cash flow funding of \$726.421 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 recommended 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 (\$51.654 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 Recommended Capital Budget is financed primarily by:

- Toronto Water's reserves, which account for approximately 92% or \$670.006 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 Recommended 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.

4	2015 R	ecomme	enaea (	asn Fi	ow & I	-uture	Year C	ommi	tments	s (in șu	iuus)		
	2014 Carry Forwards	2015 Rec'd Cash Flow	Total 2015 Cash Flow (Incl 2014 C/Fwd)	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total 2015 Rec'd Cash Flow & FY Commits
Expenditures													
Previously Approved	55,982	683,650	739,632	630,161	527,741	294,364	186,100	91,861	65,631	56,959	52,152		2,644,601
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
New		83,561	83,561	139,896	138,970	94,858	88,220	74,890	68,390	30,040	24,090	18,530	761,445
New w/Future Year													
Total Expenditure	55,982	726,421	782,403	848,766	755,157	468,080	297,114	221,302	185,393	86,507	80,520	39,930	3,765,172
Financing													
Debt													
Other	298	9,649	9,947	8,560	10,526	8,726	676	27					38,462
Reserves/Res Funds	51,091	670,006	721,097	795,414	689,786	432,175	281,171	211,686	176,189	83,209	77,511	37,349	3,505,587
Development Charges	4,593	46,766	51,359	44,792	54,845	27,179	15,267	9,589	9,204	3,298	3,009	2,581	221,123
Provincial/Federal													
Total Financing (including													
carry forward funding)	55,982	726,421	782,403	848,766	755,157	468,080	297,114	221,302	185,393	86,507	80,520	39,930	3,765,172

Table 72015 Recommended Cash Flow & Future Year Commitments (In \$000s)

Approval of the 2015 Recommended Capital Budget of \$779.563 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.
- Recommended multi-year funding of \$708.519 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 Recommended Capital Project Highlights

Table 8

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

District Variational NetworkN/AN/A11100 <t< th=""><th></th><th>Total Project</th><th></th><th></th><th>•</th><th>-</th><th></th><th></th><th></th><th>-</th><th>-</th><th></th><th></th><th>2015 -</th></t<>		Total Project			•	-				-	-			2015 -	
Amember AdvertiseSet of the set of the s	Project	Cost	2015	2016	2017	2018	2019	2015 - 2019	2020	2021	2022	2023	2024	2024 Total	
Ames post any with Busice sourceNumber of a set o	ASHBRIDGES BAY T.P III YR2004	N/A	1,495	50	30			1,575						1,575	
Assessmed and work - Filter Mark 19910.00 <td>ASHBRIDGES BAY T.P. YR2006</td> <td>N/A</td> <td>810</td> <td>510</td> <td>1,049</td> <td></td> <td></td> <td>2,369</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2,369</td>	ASHBRIDGES BAY T.P. YR2006	N/A	810	510	1,049			2,369						2,369	
Machinger Law with under maximal and analysis of the state of the	ASHBRIDGES BAY WWTP - BUILDING SERVICES & SITE DEV	N/A	950	2,760	3,250	3,095	60	10,115	50					10,165	
Assessmer         No.         1.20         5.00         No.         No. <th< td=""><td>ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM</td><td>N/A</td><td>860</td><td>11,730</td><td>12,339</td><td>3,400</td><td>5,950</td><td>34,279</td><td>4,167</td><td>4,123</td><td>4,100</td><td>700</td><td></td><td>47,369</td></th<>	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	
Astending har WorkColuit and WorkNo.3.443.448.401.211.201.2	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	
Astender for Variant ParkaNo.1.0001.0211.0201.701.0241.701.701.0241.701	ASHBRIDGES BAY WWTP - O&M UPGRADES	N/A	5,270	9,657	5,500			20,427						20,427	
Additional of State         NA         19 Ain         25 Ain         25 Ain         15 Ain         11 Ain </td <td>ASHBRIDGES BAY WWTP - ODOUR CONTROL</td> <td>N/A</td> <td>2,643</td> <td>12,687</td> <td>8,400</td> <td>122</td> <td></td> <td>23,852</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>23,852</td>	ASHBRIDGES BAY WWTP - ODOUR CONTROL	N/A	2,643	12,687	8,400	122		23,852						23,852	
Astandors WMA3.703.7143.721.7437.78 <td>ASHBRIDGES BAY WWTP - SOLIDS &amp; GAS HANDLING</td> <td>N/A</td> <td>3,000</td> <td>3,725</td> <td>17,046</td> <td>13,200</td> <td>6,710</td> <td>43,681</td> <td>6,710</td> <td>2,960</td> <td>110</td> <td>80</td> <td></td> <td>53,541</td>	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	
Amber Andor Mannon Manu BurgerNA13491369136913641364136413641364136413641365136	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	
MAXMA FF PAPERA         N/N         62,266         81,333         127,267         53,388         172,357         47,267         45,380         55,390         55,390         57,390         55,390         57,300         57,300 <th< td=""><td>ASHRIDGES BAY TP YR2005</td><td>N/A</td><td>3,770</td><td>3,714</td><td>3,275</td><td>1,438</td><td></td><td>12,197</td><td></td><td></td><td></td><td></td><td></td><td>12,197</td></th<>	ASHRIDGES BAY TP YR2005	N/A	3,770	3,714	3,275	1,438		12,197						12,197	
BLAIMES STOM MUNCTUMEL - W         N/N         Loss         Source         Loss         Loss <thloss< th="">         Loss         Loss         <th< td=""><td>AVENUE ROAD TRUNKMAIN REPLACEMENT</td><td>N/A</td><td>354</td><td>1,090</td><td></td><td></td><td></td><td>1,444</td><td></td><td></td><td></td><td></td><td></td><td>1,444</td></th<></thloss<>	AVENUE ROAD TRUNKMAIN REPLACEMENT	N/A	354	1,090				1,444						1,444	
BLAINESSTMAIN BLAINESSTMAIN	BASEMENT FLOODING RELIEF	N/A	62,965	81,333	127,594	91,976	53,983	417,851	45,204	26,497	16,840	15,190	12,150	533,732	
Case model addef ad	BUSINESS IT PROJECTS	N/A	1,033	2,069	1,621	1,272	1,373	7,368	500					7,868	
COMMUNICATIONMEDICA	BUSINESS SYSTEM INFRASTRUCTURE - PW	N/A	10,328	8,620	7,174	8,060	7,815	41,997	4,150	1,180	960	900	900	50,087	
Deris Synt Markan Deris Synt Markan Synt Markan Deris Warkanden Markan Deris Warkanden Markan Deris Warkanden Markan Deris Warkanden Markan Deris Warkanden Markan Deris Warkanden Markan Deris Warkanden Markan Deris Warkanden Markan Deris Warkanden Markand	CLARK RESIDUE MGMT. FACILITIES	N/A	380	950				1,330						1,330	
DIT WA MERABULTATIONNAStyle6.7.207.7.102.1.075.0.002.0.071.0.00 <td>CONVEYANCE CONTROLS - REPLC &amp; REHAB</td> <td>N/A</td> <td>44</td> <td></td> <td></td> <td></td> <td></td> <td>44</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>44</td>	CONVEYANCE CONTROLS - REPLC & REHAB	N/A	44					44						44	
NAMN	DIST SEWER REHAB OPS YR2005	N/A	388	12				400						400	
NOMNA </td <td>DIST W/M REHABILITATION</td> <td>N/A</td> <td>50,788</td> <td>62,572</td> <td>67,108</td> <td>21,167</td> <td>5,400</td> <td>207,035</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>207,035</td>	DIST W/M REHABILITATION	N/A	50,788	62,572	67,108	21,167	5,400	207,035						207,035	
District Variational NetworkN/AN/A11100 <t< td=""><td>DIST W/M REPLACEMENT</td><td>N/A</td><td>62,323</td><td>34,711</td><td>13,628</td><td>1,000</td><td>1,000</td><td>112,662</td><td></td><td></td><td></td><td></td><td></td><td>112,662</td></t<>	DIST W/M REPLACEMENT	N/A	62,323	34,711	13,628	1,000	1,000	112,662						112,662	
DISTRICTATIONARY -NEW         NA         102         500         -         602         -         602         -         -         602         -         -         602         -         -         602         -         5.30	DIST WATER SERVICE REPAIR	N/A	22,934	25,169	13,750			61,853						61,853	
DOMMONING         NMA         1,192         7,292         7,293         1,97,703         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,99,70         1,99,70         1,99,70         1,99,70         1,99,70         1,90,	DISTRICT WATERMAINS - NEW	N/A	102	500										602	
DOMMONING         NMA         1,192         7,292         7,293         1,97,703         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,97,70         1,99,70         1,99,70         1,99,70         1,99,70         1,99,70         1,90,					4,000	5,546	5,180		5,180	5,180	5,307	5,180	1,000		
IMARY CREW TONDNAS1,23S524I.154S554I.105G655I.108G757G759 <thg759< th="">G759G759G7</thg759<>											·				
NEWNERNING         N/N         51,219         25,224         25,224         1,198         5,220         3,800         1,208         1,208         0,208         1,208         0,208         1,208         0,208         1,208         0,208         1,208															
NEWARESAUDICS         N/A         1.447         779         120         60         1         2.60         1         1         2         2           UPUMENT EFFLOCHTS & REMAINITATION         1/4         353         3.90         3.20         18.95         1.9         -         -         1.43.40           INDRAM WI 7. RAR         23.278         3.12         5.583         3.09         3.20         18.85         -         -         4.9         -         -         3.80         1.9         -         -         4.9         -         -         4.9         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         4.9         -         -         -         3.9         -         -         -         -         -         -         -         -         -         -         -         -         -         - <td></td> <td></td> <td></td> <td></td> <td>11,954</td> <td>5,651</td> <td>1,502</td> <td></td> <td>1,108</td> <td>3,025</td> <td></td> <td></td> <td></td> <td></td>					11,954	5,651	1,502		1,108	3,025					
CALUMAN TERPLACIMENT REPLACEMENT REPLACEMEN							-								
Index Price223.27251.41265.005.5833.003.2018.681.91.90GEORESTOWN SOUTH CTIT IMENDUCTIT IME							20		30						
I NORGAM WIT 7: RAR         NA         64         S	FJ HORGAN W.T.P. R&R														
GEOREGREAM         NA         2.40         Images VI. P. RAB         NA         7.27         2.35         6.200         7.27         2.35         6.200         7.27         2.35         6.200         7.27         2.35         6.200         7.27         2.35         6.200         7.27         2.35         6.200         7				.,	.,	.,									
NAME         NAM         7.187         17.27         17.28         17.28         17.20         17															
INCHANG CREER LP IVYR2004         N/A         120         Image and the state of t				17.572	12,135	6.208	3,507								
HIGHLAND CREEK TYRIZOD         N/A         1.02         1.15         5					12,155	0,200	5,507								
HIGHLAND CEREK WMTP - BULLIONS SERVA STITE DV         N/A         1.000         3.000         4.000         2.800         2.800         2.800         2.800         2.000         2.200         2.000         2.330           HIGHLAND CEREK WMTP - SOULDS & OS HAMOLINS         N/A         73.80         1.800         3.000         1.800         1.800         3.000         1.800         1.830         1.803         3.200         1.203         3.200         1.303         1.833 <td< td=""><td></td><td></td><td></td><td></td><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>					5										
HICHLAND CEEEK WITP - DOUD CONTROL         NA         75.60         15.00         16.87         16.00         6.80         73.80						4 000	2 800								
HIGH-AND CREEK WATP - SOUDS & GS HANDLING         N/A         1766         7.000         2.000         1.500         3.000         1.6.395         2.000         2.500         3.120         1.820         3.200         1.820         1.9323           HORGAN WTP. LWIN PURGADS         N/A         3.966         7.460         2.500         5.125         3.747         118.82         12.653         9.150         4.135         3.200         1.800         6.565           HUMBER TP.         N/A         2.060         2.00         109         2.00         5.09         5.000         5.000         5.000         5															
HIGHLAND CEEEC WITP URGADES         N/A         916,57         41,487         25,005         118,821         21,835         9,103         4,135         3,200         1,380         66,500           HORGAN TRUK MAN REYANSION         N/A         3,960         5,204									2 000	2 000	250	250			
HORGAN TRUNK MAIN EXPANSION         NA         900         6,000         30,000         26,600         6,500         50         50         50         56,500         8,600         8,700         70         8,700         70         8,700         70         8,700         70 <th 70<="" <="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1 380</td><td></td></th>	<td></td> <td>1 380</td> <td></td>													1 380	
HORGAN T.P. EXPANSION         N/A         3.496         5.264         F         F         8.760         C         8.760         C         5.77         7         174         C         C         5.70         7.77         174         C         174         C         174         3.700         3.700           HUMBER TP IV R2004         NA         1.753         1.750         1.740         1.714         C         L         2.311         3.700         3.714           HUMBER WWTP - DUQUID TREAMENT & HANDUNG         NA         9.330         26.134         49.025         48.600         48.622         181.671         47.000         41.405         150         2.0         2.7346           HUMBER WWTP - DODUR CONTROL         NA         32.735         1.750         3.385         -         47.865         -         2.53         3.335         1.0307         2.60         1.05         2.724         3.534         1.0308         1.1263         3.002         1.0         2.724         3.534         1.0308         1.237         3.531         3.561         -         8.600         -         2.724         3.534         1.0008         1.000         1.000         1.000         1.000         1.000         1.000 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5,150</td><td>4,135</td><td>3,200</td><td>1,580</td><td></td></t<>										5,150	4,135	3,200	1,580		
HUMBER T, P.         INA         200         200         109         Image T, P.         509         Image T, P.         509         Image T, P.         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         500         7000         700         700					50,900	20,000	2,030		50						
HUMBER TP II VRADOL         N/A         155         5         7         7         7         174         .         174         .         174         .         174         .         174         .         174         .         174         .         174         175         174					100										
HUMBER WTP 19 782005         IV/A         1,793         1,750         174         100         13,818         IV/A         1,814         49,024         48,000         48,050         48,020         48,020         48,020         48,020         48,020         48,020         48,020         48,020         48,020         41,000						7									
HUMBER WYTP- LUQUID TREATMENT & HANDUING         NA         9,30         26,134         9,025         48,000         48,582         181,71         47,000         14,005         150         120         270,343           HUMBER WYTP- DODUR CONTROL         NA         3,273         1,750         3,385         -         47,665         -         -         47,665         -         -         47,665         -         -         47,665         -         -         47,665         -         -         47,665         -         -         47,665         -         -         47,665         -         -         47,665         -         -         -         47,655         - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>101</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							101								
HUMBER WWTP- 02AM UPGRADES         NA         9,84         9,877         4,850         C         20,111         C         C         C         20,211           HUMBER WWTP- DEGRADES         NA         9,137         6,007         6,647         30,007         260         25         25         0         30,307           ISAMD PLAY TWINERJATION         NA         757         7,550         7,520         25,334         2,050         10         C         27,233           ISAMD VLT P. R&R         NA         7,75         5,800         7,70         3,531         33,561         C         0         33,561           IBAA CAUSISITION FOLALIZATION FUAM         NA         6,471         3,545         1         8,800         C         0         6,8,500           IAWITENING A METER READING SYS         22,2152         5,920         30,367         2,515         5         6         6,8,22         0         5,900         5,000									17.000	44.405	450	400			
HUMBER WWTP - DOUR CONTROL         N/A         91,73         11,750         3.38         Image WTP - DOUR CONTROL         N/A         91,37         80.007         8,47         3.018         1,263         30.07         260         250         25         30.33           ISAMD PLANT WITERZADION         N/A         755         5,530         7,485         7,250         7,250         7,524         2,050         0         0         27,234           ISAMD W.T.P. R&R         N/A         3,755         6,426         2,990         7,551         13,366         0         0         0         27,234           ISAMD W.T.P. R&R         N/A         3,755         6,426         2,990         7,551         53         8,500         0         0         0         3,561           UMMERC ALIAN REVTALIZATION NIAN         N/A         6,610         2,610         1,500         2,500         5,600         5,600         5,000 <td></td> <td></td> <td></td> <td></td> <td></td> <td>48,600</td> <td>48,582</td> <td></td> <td>47,000</td> <td>41,405</td> <td>150</td> <td>120</td> <td></td> <td></td>						48,600	48,582		47,000	41,405	150	120			
HUMBER WUTP UPGRADES         N/A         9,137         8,007         8,647         9,08         9,072         25         25         25         33,382           ISUADP LAT WITERZATION         N/A         755         515         7250         7,250         7,250         25,234         2,050         10         0         0         27,294           ISUADP LAT WITERZATION         N/A         3,755         6,426         2,990         755         13,366         0         0         0         0.8,000         3,350           ISUADP LAT WITERZATION PLAN         N/A         6,471         3,354         18,078         2,217         3,513         33,561         0         0         0         5,900         2,000         1,000         5,000															
ISAND PLANT WINTERLATION         N/A         56         515         C         571         C         572         C         573         S33         S3561         C         S350         S350 <td></td>															
NAM         719         7,250         7,2					8,647	3,018	1,263		260	25	25				
ISLAM U.T.P. RAR         N/A         3,755         6,46         2,990         95         13,266         0         0         13,266           Land Acquisition fo Source Water Frotect         N/A         6,570         3,354         1,070         8,500         0         0         0         8,500           METER ING S MC STALLAR REVITALIZATION PLAN         N/A         6,672         3,354         1,8,078         2,215         5,262         3,3,61         0         0         0         6,8,00           METER ING S MC STALLAR REVITALIZATION PLAN         N/A         2,26,22         1,5,00         2,500         5,000															
Land Acquisition for Source Water Protect         N/A         8,500         M         3,561         M         5,9802							7,250		2,050	10					
LAWRENCZ ALLAN REVITALIZATION PLAN         N/A         6,471         3,354         18,078         2,127         3,351         33,561         L         L         L         L         L         S3,561           METERING & METERIADING SYS         232,155         26,920         30,367         2,515         L         59,802         L         L         L         59,802           NEW SERVICE CONNECTIONS         N/A         2,602         2,610         5,000				6,426	2,990	95									
MITTER READING SYS       232,155       26,920       30,367       2,2,30       500       59,802       600       610       610       610       68,802         NEW SERVICE CONNECTIONS       N/A       2,600       6,000       7,000       5,000															
NEW SERVICE CONNECTIONS         N/A         26,08         26,08         7,00         5,000 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>2,127</td> <td>3,531</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						2,127	3,531								
NEW SEVER CONSTRUCTION         N/A         3,500         5,000 </td <td></td> <td>232,155</td> <td></td> <td>59,802</td>		232,155												59,802	
NORTH TORONTO WTP UPGRADES         N/A         1         2         752         550         250         1,504         1         1         1         1,504           OPERATIONAL SUPPORT         N/A         4,110         4,330         5,824         5,780         5,333         25,337         25         25         25,487           VPE NONINEERING         N/A         1,2154         4,285         1,050         1,0343         25,215         37         54         31         25,337           RI CLARK W.T.P. R&R         N/A         1,2,644         9,890         22,212         13,445         25         58,216         21,2,364											-				
OPERATIONAL SUPPORT         N/A         4,110         4,330         5,824         5,780         5,393         25,437         25         25         0         25,487           PW ENGINEERING         N/A         3,390         4,524         4,285         1,635         1,000         14,834							5,000		5,000	5,000	5,000	5,000	5,000		
PW ENGINEERING         N/A         3,390         4,524         4,285         1,635         1,000         14,834         (m)         (m)         (m)         14,834           REGENT PARK CAPITAL CONTRIBUTION         N/A         1,215         1,803         475         1,000         622         5,215         37         54         31         5,8216           SEX CAP UMPING STATON UPGRADES         N/A         8,555         3,796         3         12,564         68,236         11,000         5,495         5,495         5,495         5,495         5,495         5,495         5,495         5,295         5,8216         5,295         5,8216         1,2,364         12,364         12,364         12,364         12,364         1,205         12,364         1,000         5,495         5,495         5,495         5,495         5,495         12,805         12,806         1,000         5,495         5,495         1,208         2,298         1,108         2,7986         50         12,002         1,4103         12,804         12,804         14,103         14,103         14,103         14,103         14,103         14,103         14,103         14,103         14,103         14,103         14,103         14,103         14,103         14,103															
REGENT PARK CAPITAL CONTRIBUTION       N/A       1,215       1,803       475       1,090       632       5,215       37       54       31       5337         RI CLARK W.T.P. R&R       N/A       12,644       9,800       22,212       13,445       25       58,216          58,337         SEWGE PUMPING STATION UPGRADES       N/A       11,658       16,782       14,945       12,351       12,500       68,236       11,000       5,495         84,731         SEWER ASSET PLANNING       N/A       41,464       20,268       7,396       1,900       1,766       75,796          75,795         SEWER SYSTEM BEHABILITATION       N/A       43,464       20,268       7,396       1,900       1,766       75,796          28,036         SWITER ATRANSPORMER       N/A       12,361       6,895       4,889       2,026       1,815       27,986       50         14,103         SWM TRACHUNDING       N/A       10,400       4,851       6,550       11,200       12,170       45,171       11,750       21,600         78,521         SWM TRACHUNDING									25	25					
RL CLARK W.T.P. R&R       N/A       12,644       9,890       22,212       13,445       25       58,216       Image: Constraints of the con	PW ENGINEERING														
SEWAGE PUMPING STATION UPGRADES         N/A         8,565         3,796         3         L         12,364         L <thl< <="" td=""><td>REGENT PARK CAPITAL CONTRIBUTION</td><td>N/A</td><td>1,215</td><td>1,803</td><td>475</td><td>1,090</td><td>632</td><td>5,215</td><td>37</td><td>54</td><td>31</td><td></td><td></td><td>5,337</td></thl<>	REGENT PARK CAPITAL CONTRIBUTION	N/A	1,215	1,803	475	1,090	632	5,215	37	54	31			5,337	
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       20,288       7,396       7,576       ()       ()       ()       75,796         SEWER SYSTEM REHABILITATION       N/A       35,068       39,822       30,412       10,800       3,665       119,767       1,028       2.8       ()       ()       28,036         SWICH GEAR TRANSFORMER       N/A       12,361       6,589       4,889       2,026       1,815       27,986       50       ()       ()       4,069         SWI CH GEAR TRANSFORMER       N/A       4,069       -       -       4,069       ()       ()       4,059         SWM END OP IPE FACILITES       N/A       10,400       4,851       6,550       11,200       12,170       45,171       11,750       21,600       ()       ()       4,059         SWM END OP IPE FACILITES       N/A       10,400       4,851       6,550       11,200       12,170       45,171       11,750       21,600       ()       ()       6,600         SWM SOURCE CONTROL PROG       N/A       21,232 <td></td> <td>N/A</td> <td></td> <td></td> <td>22,212</td> <td>13,445</td> <td>25</td> <td>58,216</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>58,216</td>		N/A			22,212	13,445	25	58,216						58,216	
SEWER REPLACEMENT PROGRAM         N/A         44,446         20,268         7,396         1,900         1,786         75,796         (m)         (m)         (m)         75,796           SEWER REPLACEMENT PROGRAM         N/A         35,068         39,822         30,412         10,800         36,665         119,767         1,028         2.8         (m)         120,823           SWITCH GEAR TRANSFORMER         N/A         12,361         6,895         4,889         2,026         1,815         27,986         50         (m)         (m)         14,103           SWITCH GEAR TRANSFORMER         N/A         40,069         -         -         -         40,069         (m)         -         78,521           SWITCH GEAR TRANSFORMER         N/A         10,400         4,851         6,550         11,200         12,170         45,171         11,750         21,600         -         -         78,521           SWM SOURCONTROL         N/A         10,400         18,225         1,116         112         70,567         (m)         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -	SEWAGE PUMPING STATION UPGRADES		8,565	3,796				12,364						12,364	
SEWER SYSTEM REHABILITATION         N/A         35,068         39,822         30,412         10,800         3,665         119,767         1,028         28         0         120,823           STREAM RESTORATION & EROSION CONTROL         N/A         12,361         6,895         4,89         2,026         1,515         27,986         50           28,036         14,103           SWITCH GEAR TRANSFORMER         N/A         4,069         -         -          4,069           4,069           SWM TRCA FUNDING         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         10,400         4,851         6,550         1,100         12,170         45,171         11,750         21,600         -         -         78,521           SWM SOURCE CONTROL PROG         N/A         21,974         29,100         18,225         1,116         112         70,567         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -<	SEWER ASSET PLANNING	N/A	11,658	16,782	14,945	12,351	12,500	68,236	11,000	5,495				84,731	
SEWER SYSTEM REHABILITATION         N/A         35,068         39,822         30,412         10,800         3,665         119,767         1,028         28         ()         12,0823           STREAM RESTORATION & EROSION CONTROL         N/A         12,363         6,895         4,889         2,026         1,815         27,986         50         ()         ()         28,035           SWITCH GEAM RESTORATION & EROSION CONTROL         N/A         12,030         3,703         ()         ()         14,103         ()         ()         ()         14,103           SWITCH GEAM RESTORATION & EROSION CONTROL         N/A         4,069         ()         14,103         ()         ()         ()         14,103           SWITCH GEAM RESTORATION & EROSION CONTROL         N/A         4,069         ()         14,003         ()         ()         ()         ()         1,003           SWM SDOR CONTROL PROG         N/A         10,000         1500         11,200         12,170         45,171         11,750         21,600         ()         ()         ()         ()         7,8521           SWM SOURCE CONTROL PROG         N/A         21,974         29,100         18,252         1,116         112         70,567         ()         () </td <td>SEWER REPLACEMENT PROGRAM</td> <td>N/A</td> <td>44,446</td> <td>20,268</td> <td></td> <td>1,900</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>75,796</td>	SEWER REPLACEMENT PROGRAM	N/A	44,446	20,268		1,900								75,796	
SWITCH GEAR TRANSFORMER         N/A         5,000         5,400         3,703         Image: Constraint of the constraint of	SEWER SYSTEM REHABILITATION	N/A	35,068	39,822	30,412	10,800	3,665	119,767	1,028	28				120,823	
SWM TRCA FUNDING         N/A         4,069         -         -         -         -         4,069         -         -         4,069         -         -         4,069         -         -         4,069         -         -         4,069         -         -         4,069         -         -         4,069         -         -         4,069         -         -         -         7,8521           SWM SOURCE CONTROL PROG         N/A         150         150         150         150         600         -         -         -         600         -         -         600         -         7,8521         - </td <td>STREAM RESTORATION &amp; EROSION CONTROL</td> <td>N/A</td> <td>12,361</td> <td>6,895</td> <td>4,889</td> <td>2,026</td> <td>1,815</td> <td>27,986</td> <td>50</td> <td></td> <td></td> <td></td> <td></td> <td>28,036</td>	STREAM RESTORATION & EROSION CONTROL	N/A	12,361	6,895	4,889	2,026	1,815	27,986	50					28,036	
SWM TRCA FUNDING         N/A         4,069         -         -         -         -         -         4,069         - </td <td>SWITCH GEAR TRANSFORMER</td> <td>N/A</td> <td>5,000</td> <td>5,400</td> <td>3,703</td> <td></td> <td></td> <td>14,103</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>14,103</td>	SWITCH GEAR TRANSFORMER	N/A	5,000	5,400	3,703			14,103						14,103	
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 END OF PIPE FACILITIES         N/A         150         150         150         150         150         600         -         -         600         61,465	SWM TRCA FUNDING	N/A	4,069											4,069	
SWM SOURCE CONTROL PROG         N/A         150         150         150         150         600         600         600         600         600           TASTE AND ODOUR MANAGEMENT         N/A         21,974         29,140         18,225         1,116         12         70,567         6         7         6         5         7         5         7         5         7         5         7         5         7         6         1         5         7         6         1         1         5         7         6         1         5         7         6         1         1         5         7         6         1         1         5         7         6         1         1         5         7         6         1         1         1         5         6         1         1	SWM END OF PIPE FACILITIES			4,851	6,550	11,200	12,170	45,171	11,750	21,600	-	-	-	78,521	
TASTE AND ODOUR MANAGEMENT         N/A         V/A         21,974         29,104         18,225         1,116         112         70,567         Image: Constraint of the constrai	SWM SOURCE CONTROL PROG													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         24,966         8,147         1,784         96         61,405         11         ()         61,416         61,416         ()         61,616         ()         ()         61,616         ()         ()         61,616         ()         ()         61,616         ()         () <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td>-</td></t<>								-						-	
TRUNK SEWER SYSTEM       N/A       27,282       24,096       8,147       1,784       96       61,405       11       0       61,416         TRUNK WATERMAIN       N/A       750       2,250       2,250       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        600        61,405       11         61,416       6,700       2,200       7,60         6,700       2,200       2,200       2,200       50       50         600        600        600        600        500       1,560        1,560       1,56			21,974	29,140	18,225	1,116	112	70,567						70,567	
TRUNK WATERMAIN         N/A         750         2,250         2,250         260         250         5,760            5,760									11					61,416	
TRUNK WATERMAIN EXPANSION         N/A         400         600         700         400         50         50         60         2,200           W&W UABORATORIES         N/A         120         120         150         210         6000         6000         6000														5,760	
W&WW LABORATORIES         N/A         120         120         150         210         600         600         600           WATER EFFICIENCY PROGRAM         N/A         520         520         520         1,560         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,570         1,571         1,000									50						
WATER EFFICIENCY PROGRAM         N/A         520         520         520         520         1,560         1,560         1,560           WATER STORAGE EXPANSION         N/A         197         -         -         197         197         197         197           WATER SUSTAINABILITY PROGRAM         N/A         1,370         18,157         12,005         20         2         31,554          31,554         31,554         6,303         6,303         6,303         6,303         6,303         6,303         55,649<														600	
WATER STORAGE EXPANSION         N/A         197         Image: Constraint of the constra															
WATER SUSTAINABILITY PROGRAM         N/A         1,370         18,157         12,005         20         2         31,554         31,554         31,554           WESTERN BEACHES RETROFIT         N/A         1,203         4,100         1,000         6,303				525	520										
WESTERN BEACHES RETROFIT         N/A         1,203         4,100         1,000         6,303         6,303         6,303           WET WEATHER FLOW MP         N/A         13,502         21,972         6,857         11,068         2,250         55,649         6         6         55,649         55,64				18 157	12 005	20	2								
WET WEATHER FLOW MP         N/A         13,502         21,972         6,857         11,068         2,250         55,649         55,649         55,649						20	2								
						11 069	2 250								
	Total (including carry forward funding)	17/74	782,403	848,766	755,157	468,080	2,250 297,114	3,151,520	221,302	185,393	86,507	80,520	39,930		

The 2015 Recommended Capital Budget provides funding of \$782.403 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.

#### Anticipated 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 anticipated 2015 Budget approval on March 12, 2015).
  - ➢ 8% in 2016.
  - > 5% in 2017 and 2018.
  - > 3% from 2019 to 2024.
- Overall, the assumed 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 anticipated 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 Recommended 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 \$7.0-9.0 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 Recommended 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 recommended 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 Recommended 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 Recommended 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 Recommended 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.

# **Appendices:**

### 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 (I	n \$000's)

2014 Approved	As of Septem	ber 30, 2014	Projected Actu	als at Year End	Unspent	t Balance
\$	\$	% Spent	\$	% Spent	\$ Unspent	% Unspent
616,962	327,013	53.0%	543,706	88.1%	73,256	11.9%

\*Results Based on the Third Quarter Variance

#### 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 yearend 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).

### 2015 Capital Budget

- 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 Recommended Budget

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

## Appendix 2

#### Table 10

### 2015 Recommended Capital Budget; 2016 to 2024 Plan (\$000s)

	Total Project					,	2015 -	524110		· · · <b>/</b>			2015 - 2024
Project	Cost	2015	2016	2017	2018	2019	2019	2020	2021	2022	2023	2024	Total
ASHBRIDGES BAY T.P III YR2004	N/A	1,495	50	30			1,575						1,575
ASHBRIDGES BAY T.P. YR2006	N/A	810	510	1,049			2,369						2,369
A SHBRIDGES 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
A SHBRIDGES 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		559,869
A SHBRIDGES 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
A SHBRIDGES 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		35,427
A SHBRIDGES BAY WWTP - ODOUR CONTROL	N/A	2,643	12,687	8,400	122		23,852						23,852
A SHBRIDGES 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
A SHBRIDGES 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 TPYR2005	N/A	3,770	3,714	3,275	1,438		12,197						12,197
A VENUE 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				0.470	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 D2/D4 TRUNK WATERMAIN UPGRADES	N/A	44			000	000	44 900	5 000	00.000	17.005	40.000		44
	N/A	000	40		300	600		5,600	20,600	17,225	10,300		54,625
DIST SEWER REHAB OPS YR2005	N/A	388	12				400						400
DIST W/M REHABILITATION	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 DIST WATER SERVICE REPAIR	N/A	62,323 22,934	86,626	86,459	98,100 28.008	107,100	440,608	115,300	121,100 29,476	123,300 29,996	123,500 29,713	123,500 30,239	1,047,308 282,238
	N/A		27,169	27,248		28,483	133,842	28,972					
DISTRICT WA TERMAINS - NEW DON & WA TERFRONT TRUNK CSO	N/A N/A	102 6,150	500 12 601	500 4,000	28 546	500	2,102 103,477	500	500	106 807	500 90.680	500 116 500	4,602 527,824
DOW & WATERFRONT TRUNK CSO DOWNTOWN W/M ENHANCEMENT	N/A N/A	6,150	12,601 7,821	4,000	28,546	52,180	103,477	54,180	56,180	106,807	90,680	116,500	527,824
EMERY CREEK POND	N/A N/A	3,900	1,073	/			4,973						4,973
ENGINEERING	N/A 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 ENGINEERING STUDIES	N/A N/A	1,647	1,279	40,000	40,300	49,223	3,706	55,259	52,631	51,748	53,081	49,235	3,956
EQUIPMENT REPLACEMENT & REHABILITATION	N/A N/A	386	4,858	5,220	3,890	20	14,374	30	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	7,525	0,400	4,025	2,445	84	1,024	,,,,	075	200	200	84
GEORGETOWN SOUTH CITY INFRA STRUCTURE UPGRADES	N/A	2,840	2,840	2,840	2,840	2,840	14,200	2,840	2,840	2,840	2,840	2,840	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	11,705	22,050	15,007	183	1,050	11,500	1,700	500	500	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 Y R2005	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	48,732	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			47,865						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				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	6,576	2,990	620	375	14,316	525	375	525	375	525	16,641
Land Acquisition for Source Water Protect	N/A	8,500	7,000	8,000	8,000	9,500	41,000	9,500	9,500	9,500	11,000	11,000	91,500
LAWRENCE ALLAN REVITALIZATION PLAN	N/A	6,471	3,354	18,078	2,127	3,531	33,561						33,561
METERING & METER READING SYS	232,155.2	26,920	30,367	2,515			59,802						59,802
NEW SERVICE CONNECTIONS	N/A	26,082	26,180	18,452	24,601	22,254	117,569	22,411	22,574	22,741	22,913	23,091	231,299
NEW SEWER CONSTRUCTION	N/A	3,500	8,000	10,000	10,000	12,000	43,500	14,000	14,000	14,000	14,000	14,000	113,500
NORTH TORONTO WTP UPGRADES	N/A	2	752	500	250		1,504						1,504
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			5,337
RL CLARK W.T.P. R&R	N/A	12,644	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 SY STEM 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	4 302	4 404	14,103	4.001	4 74 0	4.027	4.052	F 002	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		600				3.500	10.002	600
TASTE AND ODOUR MANAGEMENT	N/A	21.07*	21 202	22.405	7 434	11.007	05.027	13.400	0.050	0.725	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	4 540	0.010	0.640	2.012	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	10 457	13 705	17 330	F 75 2	197	11.200	0 700	4.550	0.050	050	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	0.100	0 500	10.050	11.050	10.350	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)		-	0.6-	1 0			-				1 0	1.0-1	
	455,883	782,403	998,187	1,065,040	1,1/3,027	1,231,464	5,250,121	1,214,277	1,248,191	1,1/1,325	1.082.018	1 0 / 4 1 4 0	

### Appendix 3

### 2015 Rec'd Capital Budget; 2016 to 2024 Rec'd Capital Plan

Report Phase 2 - Program 10 Water Program Program Phase 2 Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4

#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

							Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Curr	ent and Fu	uture Year C	ash Flo	w Commi	tments I	inanced	Ву		
Sub	- Pro	iect No. Project Name									Total	Total	Total	Provincial			_		Capital				Debt -	_
			Ward	Stat.	Cat.	2015	2016	2017	2018	2019		2020-2024	2015-2024	Grants and Subsidies	Federal De Subsidy	evelopment Charges	Reserves F	eserve <sup>-</sup> unds	from Current	Other 1	Other2		coverable	e Total Financing
WAT	000004	HORGAN W.T.P. EXPANSION																						
0	2	PLANT EXPANSION - DESIGN & CONSTR ADMIN	R CW	S2	05	940	0	0	0	0	940	0	940	0	0	300	0	339	0	C	) 301	0	C	940
1	5	PLANT EXPANSION - CONSTRUCTION	CW	S2	05	975	0	0	0	0	975	0	975	0	0	312	0	351	0	C	312	0	C	975
0	18	SUPERNATANT AND FORCEMAIN INSTALLATION	CW	S2	05	4,500	0	0	0	0	4,500	0	4,500	0	0	1,438	0	3,062	0	C	) 0	0	C	4,500
0	32	SUPERNATANT & FORCEMAIN-2015 SC	CW	S3	05	-2,000	4,500	0	0	0	2,500	0	2,500	0	0	799	0	1,701	0	C	) 0	0	C	2,500
0	33	PLANT EXPANSION - DESIGN & CONSTF ADMIN-2015 SC	R CW	S3	05	-562	0	0	0	0	-562	0	-562	0	0	-179	0	-203	0	C	) -180	0	C	-562
0	34	PLANT EXPANSION - CONSTRUCTION-2015 SC	CW	S3	05	-357	764	0	0	0	407	0	407	0	0	130	0	147	0	C	) 130	0	C	407
		Sub-total				3,496	5,264	0	0	0	8,760	0	8,760	0	0	2,800	0	5,397	0	C	563	C	(	0 8,760
WAT	000014	WATER STORAGE EXPANSION																						
0	1	DUFFERIN RES. EXT DESIGN AND CONT. ADMIN	CW	S2	05	5	0	0	0	0	5	0	5	0	0	3	0	2	0	C	) 0	0	C	5
0	2	Milliken PS and Reservoir - Engineering	CW	S2	05	70	0	0	0	0	70	0	70	0	0	29	0	15	0	C	) 26	0	C	70
0	48	DUFFERIN RES. EXT DESIGN&CONT. ADMIN - 2015 SC	CW	S3	05	45	0	0	0	0	45	0	45	0	0	28	0	17	0	C	0 0	0	C	45
0	49	MILLIKEN PS&RESERVOIR-DESIGN&CONT&ADMIN	CW	S3	05	77	0	0	0	0	77	0	77	0	0	32	0	16	0	C	) 29	0	C	77
		Sub-total				197	0	0	0	0	197	0	197	0	0	92	0	50	0	C	) 55	C	) (	0 197
WAT	000018	CLARK RESIDUE MGMT. FACILITIES																						1
0	24	RESIDUALS RETROFITS & UPGRADES	CW	S2	02	380	450	0	0	0	830	0	830	0	0	0	0	830	0	C	) 0	0	C	830
0	27	RESIDUALS RETROFITS AND UPGRADE - 2015 SC	s cw	S3	02	0	500	0	0	0	500	0	500	0	0	0	0	500	0	C	) 0	0	C	500
		Sub-total				380	950	0	0	0	1,330	0	1,330	0	0	0	0	1,330	0	(	) 0	C	(	0 1,330
WAT	000021	WATER EFFICIENCY PROGRAM																						
0	10	ICI INDOOR WATER AUDIT	CW	S2	05	300	300	300	0	0	900	0	900	0	0	900	0	0	0	C	) 0	0	C	900
0	11	PUBLIC EDUCATION & PROMOTIONS	CW	S2	05	150	150	150	0	0	450	0	450	0	0	450	0	0	0	C	) 0	0	C	450
0	12	ANCILLARY COSTS	CW	S2	05	70	70	70	0	0	210	0	210	0	0	210	0	0	0	C	0 0	0	C	210
0	82	WATER EFFICIENCY FUTURE YEAR	CW	S6	05	0	0	0	520	520	1,040	2,600	3,640	0	0	3,094	0	546	0	C	) 0	0	C	3,640
		Sub-total				520	520	520	520	520	2,600	2,600	5,200	0	0	4,654	0	546	0	(	) 0	C		0 5,200
WATO	000340	ISLAND PLANT WINTERIZATION																						1
0	1	PLANT WINTERIZATION & SUMMERIZATION	CW	S2	04	444	0	0	0	0	444	0	444	0	0	0	0	444	0	C	) 0	0	C	444

#### CITY OF TORONTO

Water Program

Gross Expenditures (\$000's)

Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By Debt Capital Federal Development Reserves Funds Total Total Total Sub- Project No. Project Name Provincial Recoverable Reserve from Total Grants and 2020-2024 2015-2024 Current Other 1 Other2 Debt PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 Financing Subsidies WAT000340 ISLAND PLANT WINTERIZATION PLANT WINTERIZATION & CW S3 -388 SUMMERIZATION-2015 SC Sub-total WAT000363 ENGINEERING STUDIES IMPROVED TREATMENT STUDIES CW S2 Λ Controlled Substances ID and Abatement CW S2 FACILITY FORECAST/SOGR CW S6 1,100 1,350 1,350 1,350 ENERGY EFFICIENCY IMPLEMENTATION CW S2 CORROSION CONTROL S2 1,401 CW 1,401 1,401 1,401 1,316 CONTROLLED SUBSTANCES ID AND 0 58 CW S3 Ω ABATEMENT - 2015 SC CORROSION CONTROL - 2015 SC -148 0 59 CW S3 -552 -148 -148 -8 -140 0 60 IMPROVED TREATMENT STUDIES - 2015 CW S3 SC 0 61 ENERGY EFFICIENCY CW S3 IMPLEMENTATION-2015 SC 1,647 3,706 3,956 Sub-total 1,279 3,956 3,879 WAT000426 TASTE AND ODOUR MANAGEMENT TASTE AND ODOUR MANAGEMENT CW S6 12,500 12,500 12,500 12,500 12,500 Sub-total 12,500 12,500 12,500 WAT906334 BUSINESS SYSTEM INFRASTRUCTURE - PW 0 7 NETWORK EQUIPMENT REPLACEMENT CW S2 1,545 1,545 1,545 1,545 1,545 0 8 NETWORK CABLE LIFECYCLE CW S2 5.816 2.866 8.693 8,693 8.693 8,693 REPLACEMENT TRUNK RADIO SYSTEM CW S2 PCS LEGACY ALARM IMPROVEMENT 1,350 1,350 CW S2 1,350 1.350 1.350 RELIABILITY IMPROVEMENT PROGRAM CW S2 0 41 **BUSINESS & TECH IMPROVEMENT -**S2 1,047 6,291 CW 2.732 1,720 6,291 6,291 6.291 PHASE 2 WTP WS PLC PLATFORM UPGRADE AND CW S2 3,727 4,727 4,727 4,727 4,727 C PCS IMPROVEMENTS 0 43 NETWORK EQUIPMENT REPLACEMENT CW S6 1,063 1,007 3,700 6,620 10,320 10,320 10,320 Ω Ω -FUTURE YEAR

#### CITY OF TORONTO

Gross Expenditures (\$000's)

		ogram																							
							Curr	ent and Fu	iture Year	Cash Flov	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commi	tments	Financed	l By			
<u>Sut</u> Pric		ject No. <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 - Recoveral t		Total Financing
		BUSINESS SYSTEM INFRASTRUCTURE -	PW																					-	
0	61	RELIABILITY IMPROVEMENT PROGRAM	CW	S6	04	0	0	200	200	200	600	1,000	1,600	0	0	0	0	1,600	0	(	0 0	)	0	0	1,600
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	o	0	0	0	-1,774	0		0 0	)	0	0	-1,774
0	64	RELIABILITY IMPROVEMENT PROGRAM	CW	S3	04	685	885	0	0	0	1,570	0	1,570	o	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	0	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	o	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	o	0	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	o	0	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	o	0	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	o	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	0	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	62,007
WAT	906340	METERING & METER READING SYS																						-	
0	2	AUTOMATED METER READING SYSTEM	CW	S2	04	45,656	44,675	5,000	0	0	95,331	0	95,331	о	0	0	0	95,331	0	(	0 0	)	0	0	95,331
0	14	AUTOMATED METER READING SYSTEM 2015 SC	- CW	S3	04	-18,736	-14,308	-2,485	0	0	-35,529	0	-35,529	о	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	59,802
WAT	906467	AVENUE ROAD TRUNKMAIN REPLACEME	NT																						
0	2	AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWRENCE	CW	S2	03	1,310	2,000	0	0	0	3,310	0	3,310	o	0	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	o	0	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	0	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	0	-1,005	0	-617	0		0 -373	J	0	0	-1,995
		Sub-total				354	1,090	0	0	0	1,444	0	1,444	0	0	728	0	446	0	(	0 270	)	0	0	1,444
WAT	906468	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	o	0	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	o	0	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	0	370	0	290	0	(	0 318	ł	0	0	978

#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

Water Program Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By Debt Capital Federal Development Reserves Funds Total Total Total Sub- Project No. Project Name Provincial Recoverable Reserve from Total Grants and 2020-2024 2015-2024 Current Other 1 Other2 Debt PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 Financing Subsidies WAT906468 HORGAN TRUNK MAIN EXPANSION JOS - HORGAN TO ELLESMERE WM -CW S3 -500 -1,000 12,000 8,000 -15,500 3,000 -3,000 -1 CONS - 2015 SC 0 43 DOWNSVIEW MAIN (KEELE PS TO CW S6 1,370 1,370 2,740 1,856 2,740 DOWNSVIEW) Engineering DOWNSVIEW MAIN-KEELE PS TO 23,000 2,000 2,000 21,000 23,000 0 44 CW S6 Δ 7,419 15.581 Ω DOWNSVIEW CONS Sub-total 6,250 31,100 27,070 4,600 69,920 22,420 92,340 33,581 37,141 0 21,618 92,340 WAT906470 ISLAND W.T.P. R&R CHEMICAL & RESIDUALS MNGT - ENG CW S2 2,000 2,250 ſ 2.250 2,250 CHEMICAL & RESIDUALS MANAGMENT CW S4 7,000 7,000 7,000 23,000 2,000 25,000 1,521 25,000 0 11 1,850 23 479 CONST 0 27 CHEMICAL & RESIDUALS MANAGMENT -190 CW S3 -131 ENG - 2015 SC Sub-total 2.530 7,485 7,250 7.250 25.234 2.060 27.294 1,521 25.773 27.294 WAT906471 FJ HORGAN W.T.P. R&R **HVAC REHAB & SCRUBBER** CW S4 0 24 Λ ENGINEERING Sub-total WAT906481 DISTRICT WATERMAINS - NEW DIST W/MAINS NEW CW S2 **10 YEAR NEW WATERMAINS** CW S6 1,500 2,500 4,000 3,400 4,000 0 3 DIST W/MAINS NEW - 2015 SC -248 CW S3 -248 -248 -248 -850 Sub-total 2,102 2,500 4,602 4,002 4,602 WAT906483 PW ENGINEERING CAPITAL PRGMG & FACILITY ASSET CW S2 PLANNING WATERMAIN ASSET PLANNING 2,389 CW S2 1,409 2,389 2,389 0 5 1.792 CW S2 0 7 EASEMENT ACQUISITION 4,288 WATER LOSS REDUCTION STRATEGY CW 4,288 4,288 S2 1,000 1,000 1,000 4.288 Ω ASSET MANAGEMENT IMPLEMENTATION CW 3,500 3,500 7,000 1,490 7,000 S6 1,000 1,000 1,000 5,510 0 38 WATERMAIN ASSET PLANNING - 10 YR CW S6 2,000 2,800 2,205 2,800 FORECAST 0 49 **CAPITAL PROG & FACILITY ASSET** CW S3 1,669 1,800 4,189 4,189 4,189 4,189 PLANNING - 2015 SC

#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

Water Program Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By Debt Capital Total Total Total Federal Development Reserves Funds Sub- Project No. Project Name Provincial Recoverable Reserve from Total Grants and 2020-2024 2015-2024 Current PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 Other 1 Other2 Debt Financing Subsidies WAT906483 PW ENGINEERING WATERMAIN ASSET PLANNING - 2015 SC CW S3 -493 -25 EASEMENT ACQUISITION - 2015 SC CW S3 2,000 JOS UPDATE PHASE II 2,000 2,000 CW S4 1,000 2.000 EASEMENT ACQUISITION - 10 YEAR 4.000 CW S6 1.500 2.500 4.000 4.000 WATER LOSS REDUCTION CW S3 -126 -130 STRATEGY-2015 SC 3,390 5,024 5,785 3,535 2,900 20,634 8,000 28,634 2,765 25,869 28,634 Sub-total WAT906749 DOWNTOWN W/M ENHANCEMENT JOS - GERRARD ST WM - ENGINEERING CW S2 JOS - GERRARD ST WM -20,920 CW S2 20,920 20,920 0 4 13,920 7,000 Ω Ω 4,165 0 15,998 CONSTRUCTION JOS - GERRARD ST WM --1,930 0 38 CW S3 -2,736 -1,930 -1,930 -384 -69 0 -1,477 CONSTRUCTION -2015 SC 0 39 JOS - GERRARD ST WM - ENGINEERING- CW S3 2015 SC Sub-total 11,932 7,821 19,760 19,760 3,934 0 15,109 19,760 WAT906752 TRANSMISSION R&R TRUNK WATERMAIN REHAB CW S2 10 YR TRUNK WATERMAIN REHAB CW S6 1,000 1,250 2,250 2,250 2,250 CAST IRON TRUNK REPLC - PHASE 2 CW S2 5,088 2,510 7,862 7,862 7.862 7,862 CAST IRON TRUNK REPLC - PHASE 3 -0 52 CW S2 3,160 4.140 4,140 4.140 ENGINEERING CAST IRON TRUNK REPLC - PHASE 3 -CW S6 2,000 3,500 1,400 7,650 7,650 7,650 7,650 CONSTRUCTION TRUNK WATERMAIN REHAB - 2015 SC CW S3 0 63 CAST IRON TRUNK REPLC - PHASE 2 -8.992 8.992 CW S3 4.154 2.539 2.156 8.992 8.992 2015 SC 0 65 CAST IRON TRUNK REPLC - PHASE 3 -CW S3 -575 -385 -980 -690 -690 -690 ENG - 2015 SC TRANSF & SW'GEAR REPLACMENT 0 67 CW S3 DESIGN -2015 SC 11,052 9,144 7,170 1,888 1,105 30.359 1,250 31,609 31,609 31,609 Sub-tota WAT906900 TRANSMISSION R&R TRANS FACILITIES REHAB CW S2 0 1 Ω Ω Ω Ω 

#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

L		5																						
							Curr	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Commi	tments	Financed	Ву		
<u>Sub</u> Pric		<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		Debt - ecoverable	<sup>e</sup> Total Financing
WAT	906900	TRANSMISSION R&R																						
0	6	ELLESMERE P.S. UPGRADE	CW	S2	05	25	525	0	0	0	550	0	550	o	C	) 127	0	75	0	(	) 348		0 0	550
0	7	RESERVOIR REHAB -FUTURE	CW	S6	03	0	0	360	3,660	7,900	11,920	32,600	44,520	o	C	) 0	0	44,520	0	(	) 0		0 0	44,520
0	26	SCARBOROUGH PS - PUMP REPLC	CW	S2	03	550	0	0	0	0	550	0	550	o	C	) 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	C	0	) 0	0	2,250	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	O	C	) 0	0	5,750	0	(	) 0		0 0	5,750
0	37	TRANS FACILITIES REHAB - 2015 SC	CW	S3	03	90	475	135	25	0	725	0	725	O	C	) 0	0	725	0	(	) 0		0 0	725
0	38	ELLESMERE P.S. UPGRADE - 2015 SC	CW	S3	05	-25	-500	525	0	0	0	0	0	O	C	) 0	0	0	0	(	) 0		0 0	
0	39	SCARBOROUGH PS - PUMP REPLC - 20 SC	15 CW	S3	03	-95	120	0	0	0	25	0	25	O	C	) 0	0	25	0	(	) 0		0 0	25
0	40	EGLINTON PS - PUMP REPLC - 2015 SC	CW	S3	03	-383	458	0	0	0	75	0	75	O	C	) 0	0	75	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	O	0	) 0	0	17,798	0	(	0 0		0 0	17,798
0	43	DOWNSVIEW PS - Construction	CW	S6	05	0	0	0	0	2,000	2,000	12,000	14,000	O	C	) 0	0	14,000	0	(	0 0		0 0	14,000
0	44	PUMPING STATION REHAB - Engineering	) CW	S6	03	0	0	40	125	175	340	1,850	2,190	C	C	) 0	0	2,190	0	(	) 0		0 0	2,190
0	45	PUMPING STATION REHAB - Construction	n CW	S6	03	0	0	0	750	300	1,050	14,200	15,250	C	C	) 0	0	15,250	0	(	) 0		0 0	15,250
0	47	DOWNSVIEW PS - Engineering	CW	S6	05	0	0	30	130	350	510	1,410	1,920	C	C	) 0	0	1,920	0	(	) 0		0 0	1,920
0	48	ROSEHILL RESERVOIR	CW	S4	03	600	8,000	7,500	500	0	16,600	0	16,600	C	0	) 0	0	16,600	0	(	) 0		0 0	16,600
0	49	DOWNSVIEW PS & CONNECTOR	CW	S4	05	50	150	60	0	0	260	0	260	O	0	) 0	0	260	0	(	) 0		0 0	260
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	(	) 0		0 0	3,000
0	51	ROSEHILL PS REHAB	CW	S4	03	50	975	100	0	0	1,125	0	1,125	0				1,125	0	(			0 0	.,
		Sub-total				10,922	22,246	15,235	5,543	10,732	64,678	62,060	126,738	0	C	) 127	0	126,263	0	(	) 348		0 0	0 126,738
WAT	906902	HARRIS W.T.P. R&R																						
0	2	BUILDING ENVELOPE REHAB	CW	S2	03	23	0	0	0	0	23	0	23	o	C	) 0	0	23	0	C	0 0		0 0	23
0	3	FACILITY & PROCESS UPGRADES	CW	S2	03	500	0	0	0	0	500	0	500	o	C	) 0	0	500	0	(	0 0		0 0	500
0	13	FILTER MEDIA REPLACEMENT PH2	CW	S2	03	80	150	0	0	0	230	0	230	o	C	) 0	0	230	0	(	0 0		0 0	230
0	21	HVAC REHAB - CONSTRUCTION	CW	S2	03	1,676	1,000	250	0	0	2,926	0	2,926	o	C	) 0	0	2,926	0	(	0 0		0 0	2,926
												•	. '	•										•

#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

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						,	Curr	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments	Financeo	d By			
<u>Sul</u> Prio		<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		Debt - Recovera bt		Total Financing
WAT	906902	HARRIS W.T.P. R&R																							Ì
0	29	HARRIS FILTERS REHABILITATION	CW	S4	03	100	3,600	775	25	0	4,500	0	4,500	o	) C	0 0	0	4,500	0		0 0	D	0	0	4,500
0	56	REHAB OF SETTLING BASIN ROOF & SLUICE GATES	CW	S2	03	11,016	4,520	0	0	0	15,536	0	15,536	o	0 0	0 0	0	15,536	0		0 (	D	0	0	15,536
0	70	FILTER MEDIA REPLACEMENT PH2	CW	S6	03	0	0	0	150	0	150	300	450	O	) C	) 0	0	450	0		0 0	D	0	0	450
0	71	FACILITY & PROCESS UPGRADES	CW	S6	03	0	0	0	500	500	1,000	2,500	3,500	O	) C	) 0	0	3,500	0		0 0	D	0	0	3,500
0	74	FILTER MEDIA UPGRADE - 2015 SC	CW	S3	03	-80	-150	0	0	0	-230	0	-230	o	) C	0 0	0	-230	0		0 (	D	0	0	-230
0	75	HVAC REHAB CONSTRUCTION - 2015 S	SC CW	S3	03	-1,396	220	750	580	0	154	0	154	o	) C	0 0	0	154	0		0 (	D	0	0	154
0	76	HARRIS DISINFECTION MODIFICATION 2015 SC	IS-CW	S3	04	0	250	1,500	3,500	3,500	8,750	0	8,750	o	) C	) 532	0	8,218	0		0 (	D	0	0	8,750
0	77	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	O	) C	0 0	0	10,768	0		0 (	D	0	0	10,768
0	78	ENERGY OPTIMIZATION	CW	S6	04	0	0	200	1,000	1,000	2,200	0	2,200	o	) C	0 0	0	2,200	0		0 (	D	0	0	2,200
0	79	EXTERIOR SECURITY LIGHTING UPGRADES	CW	S4	03	200	950	50	0	0	1,200	0	1,200	o	) C	0 0	0	1,200	0		0 (	D	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	) C	) 0	0	2,000	0		0 0	D	0	0	2,000
0	81	LIQUID CHEMICAL SYSTEM IMPROVEMENTS	CW	S4	04	100	320	200	0	0	620	0	620	o	0 0	0 0	0	620	0		0 (	D	0	0	620
0	82	PD2 OPTIMIZATION	CW	S4	03	500	90	0	0	0	590	0	590	o	) C	0 0	0	590	0		0 (	D	0	0	590
0	83	FACILITY & PROCESS UPGRADES-201	5 CW	S3	03	-50	500	500	0	0	950	0	950	o	) C	) 0	0	950	0		0 0	D	0	0	950
0	84	OFFSHORE CHLORINATION REHAB	CW	S6	03	0	200	1,000	3,000	3,000	7,200	3,000	10,200	o	) C	0 0	0	10,200	0		0 (	D	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	D	0	0	45,500
0	86	BUILDING ENVELOPE REHAB- 2015 SC	CW	S3	03	-10	13	0	0	0	3	0	3	o	) C	) 0	0	3	0		0 0	D	0	0	3
0	87	LIQUID CHEMICAL SYSTEM RELOCATION- 2015 SC	CW	S3	04	8	20	0	0	0	28	0	28	o	) C	) 0	0	28	0		0 0	D	0	0	28
0	88	TRAVELLING SCREEN REPLACEMENT	CW	S2	03	61	0	0	0	0	61	0	61	o	) C	) 0	0	61	0		0 0	D	0	0	61
		Sub-total				7,187	17,772	14,785	22,858	19,007	81,609	28,850	110,459	0	C	) 532	0	109,927	0		0	0	0	0	110,459
WAT	906903	3 FJ HORGAN W.T.P. R&R				7														_		_			
0	5	FACILITY & PROCESS UPGRADES	CW	S2	03	1,579	350	0	0	0	1,929	0	1,929	C	0 0	) 0	0	1,929	0		0 0	D	0	0	1,929
0	8	RAW WATER PUMP UPGRADES	CW	S2	03	540	0	0	0	0	540	0	540	C	0 0	) 0	0	540	0		0 0	D	0	0	540
0	15	REPLACEMENT OF MCCS	CW	S2	03	1,570	3,350	1,600	200	0	6,720	0	6,720	C	0 0	) 0	0	6,720	0		0 0	D	0	0	6,720
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#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

Photolyscaped No.         Sub-project Name         Ward Site. Cat.         2015         2016         2017         2018         2019         2015-2014         20			- 3																						
Bub         Figual Lis         Figual Lis <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Curr</td> <td>ent and Fu</td> <td>uture Year</td> <td>Cash Flo</td> <td>w Commitn</td> <td>nents</td> <td></td> <td></td> <td>Cu</td> <td>rent and Fu</td> <td>uture Year</td> <td>Cash Flo</td> <td>w Comm</td> <td>itments</td> <td>Finance</td> <td>l By</td> <td></td> <td></td>								Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rent and Fu	uture Year	Cash Flo	w Comm	itments	Finance	l By		
WITTENDLINE CONVENT ANDCM <t< td=""><td></td><td></td><td></td><td>Ward</td><td>Stat.</td><td>Cat.</td><td>2015</td><td>2016</td><td>2017</td><td>2018</td><td>2019</td><td></td><td></td><td></td><td>Grants and</td><td>Federal Subsidy</td><td>Development Charges</td><td>Reserves</td><td>Reserve Funds</td><td>from</td><td>Other 1</td><td>Other2</td><td></td><td></td><td>e Total Financing</td></t<>				Ward	Stat.	Cat.	2015	2016	2017	2018	2019				Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2			e Total Financing
Implication			· · / /																						
a       Bulking Fire, HWAC, Like HING       CV       6       <	0	16		CW	S2	03	550	2,500	1,950	0	0	5,000	0	5,000		) 0	0	0	5,000	0	) (	0 (	)	0 (	5,000
Line ALCOR         Line ALCOR <thline alcor<="" th="">         Line ALCOR         Line ALC</thline>	0	28	FACILITY & PROCESS UPGRADES	CW	S6	03	0	250	250	200	200	900	1,000	1,900	C	0 0	0	0	1,900	0	) (	0 (	)	0 (	1,900
Here	0	31		CW	S6	04	0	575	655	1,375	1,825	4,430	0	4,430	C	) 0	0	0	4,430	0	) (	0 (	)	0 (	4,430
9       9       4       THEATED WATER PRAMP UPGRADES       0.0       1.860       550       0	0	32		CW	S4	04	150	700	0	0	0	850	0	850	C	) 0	0	0	850	0	) (	0 (	)	0 (	850
No.       Set       Fubulity A PROCESS UPGRADES:201       CW       So       And       So       So      <	0	33	OFFICE RENOVATION	CW	S6	03	0	0	0	0	100	100	1,725	1,825	C	) 0	0	0	1,825	0	) (	0 (	)	0 (	1,825
SC BEPLACEMENT OF MCCS 2015 SC 3         GW 33         GB 3         GW 3320 320         GB 320 320         GB 40 320         GB 40 320 <thg 40<br="">320        GB 40 320         GB 40 320<!--</td--><td>0</td><td>34</td><td>TREATED WATER PUMP UPGRADES</td><td>CW</td><td>S4</td><td>04</td><td>500</td><td>1,850</td><td>550</td><td>0</td><td>0</td><td>2,900</td><td>0</td><td>2,900</td><td>C</td><td>0 0</td><td>0</td><td>0</td><td>2,900</td><td>0</td><td>) (</td><td>0 (</td><td>)</td><td>0 (</td><td>2,900</td></thg>	0	34	TREATED WATER PUMP UPGRADES	CW	S4	04	500	1,850	550	0	0	2,900	0	2,900	C	0 0	0	0	2,900	0	) (	0 (	)	0 (	2,900
3       7       RAW WATER PUMP UGRADES 2015 SC       CW       S3       03       449       0       0       0       04       0	0	35		5 CW	S3	03	-906	810	300	0	0	204	0	204	C	) 0	0	0	204	0	) (	0 0	)	0 (	204
38       OFSNORE CHLORINATION       CW       S3       650       2.000       550       1.950       0	0	36	REPLACEMENT OF MCCS-2015 SC	CW	S3	03	-1,120	-1,060	633	900	320	-327	149	-178	c	0 0	0	0	-178	0	) (	0 (	)	0 (	-178
FELCOATION 2015 SC       FELCOATION 2015 SC       FUNC WATCR SUBJA       CW       54       0	0	37	RAW WATER PUMP UGRADES-2015 SC	CW	S3	03	49	0	0	0	0	49	0	49	C	0 0	0	0	49	0	) (	0 (	)	0 (	49
Sub-bital         Image: Constraint of the sub-bital	0	38		CW	S3	03	-500	-2,000	550	1,950	0	0	0	0	C	) 0	0	0	0	0	) (	0 (	)	0 (	0 0
VATURE         VATE         <	0	39	ACCESS ROAD REPAVING	CW	S4	03	1,000	0	0	0	0	1,000	0	1,000	C	0 0	0	0	1,000	0	) (	0 (	)	0 (	1,000
No.         No. <td></td> <td></td> <td>Sub-total</td> <td></td> <td></td> <td></td> <td>3,412</td> <td>7,325</td> <td>6,488</td> <td>4,625</td> <td>2,445</td> <td>24,295</td> <td>2,874</td> <td>27,169</td> <td>0</td> <td>0 0</td> <td>0</td> <td>0</td> <td>27,169</td> <td>0</td> <td>) (</td> <td>D</td> <td>)</td> <td>0</td> <td>27,169</td>			Sub-total				3,412	7,325	6,488	4,625	2,445	24,295	2,874	27,169	0	0 0	0	0	27,169	0	) (	D	)	0	27,169
MIDLAND - ENG         MIDLAND - ENG         HIDLAND	<u>WAT</u>	906906	TRUNK WATERMAIN EXPANSION																						
- 2015 SC	0	25		CW	S2	05	1,000	550	400	0	0	1,950	0	1,950	C	) 0	934	0	573	0	) (	0 443	}	0 (	1,950
Image: construction of the sector of the	0	65		NG CW	S3	05	-600	50	300	400	50	200	50	250	C	0 0	120	0	74	0	) (	0 50	6	0 (	250
WATSOGS14         SWITCH GEAR TRANSFORMER         Image: Constraint of the sector of th	0	66		CW	S6	05	0	5,000	7,000	7,000	6,000	25,000	0	25,000	C	) 0	10,179	0	9,142	0	) (	0 5,679	)	0 (	25,000
Number of the stations Phase 3)			Sub-total				400	5,600	7,700	7,400	6,050	27,150	50	27,200	0	0	11,233	0	9,789	0	) (	0 6,17	3	0	27,200
Stations Phase 3)       Station Phase 3)       Sta	<u>WAT</u>	906914	SWITCH GEAR TRANSFORMER																						
Image: Phase 3) - 2015 SC       Sub-total       Image: Sub-total       <	0	13		CW	S2	03	6,825	6,235	0	0	0	13,060	0	13,060	C	) 0	0	0	13,060	0	) (	D (	)	0 (	13,060
WAT906918       WATER SUSTAINABILITY PROGRAM       CW       S2       04       2,600       4,350       4,000       0       0       10,950       0       0       0       665       0       10,285       0       0       0       0       0         0       1       WATER SUSTAINABILITY PROGRAM       CW       S2       04       2,600       4,350       4,000       0       0       10,950       0       0       665       0       10,285       0	0	27		CW	S3	03	-1,825	-835	3,703	0	0	1,043	0	1,043	C	0 0	0	0	1,043	0		0 (	)	0 (	1,043
0       1       WATER SUSTAINABILITY PROGRAM       CW       S2       04       2,600       4,350       4,000       0       10,950       0       10,950       0       0       665       0       10,285       0			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
0       9       WATER SUSTAINABILITY STANDBY       CW       S3       04       -1,380       8,957       3,205       20       2       10,804       0       10,804       0       0       657       0       10,147       0 <td< td=""><td><u>WAT</u></td><td>906918</td><td>WATER SUSTAINABILITY PROGRAM</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	<u>WAT</u>	906918	WATER SUSTAINABILITY PROGRAM																						
POWER ELLESMERE-SC         0         0         11         SYSTEM SUSTAINABILITY/STANDBY         CW         S6         0         0         17,200         5,750         24,650         31,350         56,000         0	0	1	WATER SUSTAINABILITY PROGRAM	CW	S2	04	2,600	4,350	4,000	0	0	10,950	0	10,950	C	0 0	665	0	10,285	0	) (	0 (	)	0 (	10,950
	0	9		CW	S3	04	-1,380	8,957	3,205	20	2	10,804	0	10,804	C	) 0	657	0	10,147	0	) (	0 (	)	0 (	10,804
	0	11		CW	S6	05	o	0	1,700	17,200	5,750	24,650	31,350	56,000	C	) 0	0	0	56,000	0	) (	0 (	)	0 (	56,000

#### **CITY OF TORONTO**

Water Program

Gross Expenditures (\$000's)

Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By Debt Capital Total Total Total Federal Development Reserves Funds Sub- Project No. Project Name Provincial Recoverable Reserve from Total Grants and 2020-2024 2015-2024 Current Other 1 Other2 Debt 2015 2016 2017 2018 2019 PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 Financing Subsidies WAT906918 WATER SUSTAINABILITY PROGRAM 12 STANDBY POWER - ROSEHILL CW S4 04 150 4,850 4,800 0 9,800 0 9,800 0 0 0 0 9,800 0 0 0 0 9,800 0 0 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 87,554 WAT906919 RL CLARK W.T.P. R&R FACILITY & PROCESS UPGRADES CW S2 03 170 0 0 0 170 170 170 0 170 0 1 0 0 0 0 0 0 0 0 0 PROCESS EQUIPMENT UPGRADE 1,419 2.718 2.718 0 8 CW S2 03 665 584 25 25 0 2,718 0 0 167 0 2.551 0 0 0 0 0 ENGINEERING 0 11 PROCESS EQUIPMENT UPGRADE CW S6 03 0 0 0 300 5,200 5,500 50,000 55,500 0 0 0 0 55.500 0 0 0 0 0 55,500 CONSTRUCTION - FUTURE 0 12 FACILITY & PROCESS UPGRADES CW S6 0 150 150 300 750 1,050 0 1,050 03 0 0 0 0 0 0 1,050 0 0 0 0 FUTURE PROCESS EQUIPMENT UPGRADE S2 49,793 49,793 49,793 0 15 CW 03 14,893 12,900 12,000 10,000 0 0 0 3,029 46,764 0 0 0 0 0 0 0 CONSTRUCTION **EVALUATION & COMMUNICATION** 1,458 1,458 0 44 CW S2 1,314 117 7 1,458 03 20 Λ Ω 0 0 0 0 1,458 0 0 0 0 0 SYSTEMS FACILITY & PROCESS UPGRADES - 2015 CW S3 375 0 53 03 10 215 150 0 0 375 0 375 0 0 0 0 375 0 0 0 0 0 SC 0 54 PROCESS EQUIPMENT UPGRADE CW S3 03 -744 610 453 1,200 0 1,519 0 1,519 0 0 91 0 1,428 0 0 0 0 1,519 0 ENGINEERING - 2015 SC 0 55 PROCESS EQUIPMENT UPGRADE CW S3 -4,893 -5,100 9,000 2,215 0 1,222 1,222 74 1,148 0 0 1,222 03 0 0 0 0 0 0 0 CONSTRUCTION - 2015 SC EVACUATION AND COMMUNICATION 0 56 CW S3 03 225 483 -2 0 711 0 711 0 0 0 0 711 0 0 0 0 711 5 Ω SYSTEMS - 2015 SC ELECTRICAL AND HVAC UPGRADES CW S4 250 250 0 57 03 250 0 0 0 Λ 0 250 0 0 0 0 250 0 0 0 0 0 CONSTRUCTION 114,766 12,644 64,016 50,750 114,766 Sub-total 9,890 22,212 13,895 5,375 0 3,361 0 111,405 0 0 0 0 0 0 WAT906930 DIST W/M REPLACEMENT 10Yr Watermain Replacement CW S6 03 41.715 59.631 84.000 91,000 276,346 522.000 798.346 105.549 0 692.797 0 0 798.346 0 4 0 0 0 0 0 0 0 15 W/M REPLACEMENT - STAND ALONE CW S2 03 3,208 0 0 0 0 3,208 0 3,208 0 0 0 0 3,208 0 0 0 0 3,208 0 3,125 DIST W/M REPLACEMENT - 2012 CW S2 3,125 3,125 3,125 0 29 03 0 0 0 0 0 0 0 0 0 3,125 0 0 0 0 0 4.450 0 39 DIST W/M REPLACEMENT 2013 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 0 42 10 YEAR WATERMAIN UPGRADES CW S6 05 0 10,200 13,200 13,100 15,100 51,600 84,700 136,300 0 0 36,041 0 100,259 0 0 0 0 136,300 0 0 51 DIST W/M REPLACEMENT - 2014 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 19,669 0 WATERMAIN UPGRADES - 2014 0 52 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 6,490 0 0 55 WATERMAIN REPLACEMENT -CW S2 03 625 600 1,000 875 3,100 3,100 3,100 0 3,100 Λ 0 0 0 0 0 0 0 0 0 METROLINX

#### CITY OF TORONTO

Gross Expenditures (\$000's)

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						Curre	ent and Fu	uture Year	Cash Flov	v Commitn	ients			Cur	rent and Fu	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
	<u>ect No. 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	Deb Recove Debt	rable	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	с	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	c	0	0	0	-514	0	0	0	0	0	-514
0 59 5	2013 WM REPLC - UPGRADES	CW	S2	05	14	0	0	0	0	14	0	14	с	0	4	0	10	0	0	0	0	0	14
	DIST W/M REPLACEMENT - 2014 - 2015 SC	CW	S3	03	-4,999	5,564	0	0	0	565	0	565	с	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	с	0	0	0	683	0	0 0	0	0	0	683
	WATERMAIN REPLACEMENT - METROLINX - 2015 SC	CW	S3	03	-575	-550	0	125	1,000	0	0	0	c	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	c	0	10,303	0	55,956	0	0	0	0	0	66,259
0 64	WATERMAIN UPGRADES - 2015	CW	S4	04	6,609	3,292	1,204	0	0	11,105	0	11,105	c	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	c	0	0	0	-1,575	0	0	0	0	0	-1,575
0 66 3	2013 WM REPLC - SOGR-2015 SC	CW	S3	03	-4,423	500	0	0	0	-3,923	0	-3,923	c	0	0	0	-3,923	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	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	с	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	c	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	c	0	0	0	4,371	0	0	0	0	0	4,371
0 34	CUT REPAIRS- FUTURE YEAR	CW	S6	03	0	0	2,933	3,021	3,112	9,066	17,019	26,085	c	0	0	0	26,085	0	0	0	0	0	26,085
0 42	CUT-REPAIR - 2015 SC	CW	S3	03	-1,606	2,765	0	0	0	1,159	0	1,159	c	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	c	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
	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
1	Sub-total				50,788	62,572	70,041	69,438	67,512	320,351	361,769	682,120	0	0	0	0	682,120	0	0 0	0	0	0	682,120
WAT906934	DIST WATER SERVICE REPAIR																						

#### **CITY OF TORONTO**

Water Program

Gross Expenditures (\$000's)

**Current and Future Year Cash Flow Commitments** Current and Future Year Cash Flow Commitments Financed By Debt Capital Total Total Total Federal Development Reserves Funds Sub- Project No. Project Name Provincial Recoverable Reserve from Total Grants and 2015 2016 2017 2018 2019 2020-2024 2015-202 Current PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 Other 1 Other2 Debt Financing Subsidies WAT906934 DIST WATER SERVICE REPAIR 0 10 YR ALL DIST WSR - LEAD CW S6 02 0 1,000 2,000 13,335 13,630 29,965 72,892 102,857 0 0 0 0 102,857 0 0 0 0 102,857 4 0 0 6 10Yr All Dist WSR - SOGR CW S6 02 0 1,000 9,335 12,510 12,690 35,535 64,689 100,224 0 0 0 0 100,224 0 0 0 100,224 0 0 ALL DISTRICT WSR - LEAD CW S2 7,174 9.250 25,674 25,674 25,674 0 12 02 9,250 0 0 0 0 0 0 0 25,674 0 0 0 0 0 REPLACEMENT 19 2010 WSR CW S4 02 219 0 0 0 0 219 219 219 0 0 0 219 0 0 0 0 0 0 0 0 0 32 WSR CUT REPAIRS CW S2 03 2,186 0 0 0 2,186 0 2,186 0 0 0 0 2,186 0 0 0 0 2,186 0 Λ 0 39 2012 WATER SERVICE REPLACEMENT CW S2 02 50 0 0 0 0 50 0 50 0 0 0 0 50 0 0 0 0 50 0 0 41 2013 WATER SERVICE REPLACMENT CW S2 02 2,631 0 0 2,63 0 2,631 0 2,631 0 0 0 2,631 0 0 0 0 0 0 0 -SOGR 6,489 17.304 0 45 WSR CUT REPAIRS - FUTURE CW S6 03 2.163 2.163 2.163 10,815 17.304 17.304 0 0 0 0 0 0 0 0 0 0 0 0 52 2014 WATER SERVICE REPLACEMENT -CW S2 02 4,711 0 0 0 0 4,711 0 4,711 0 0 0 0 4,711 0 0 0 0 0 4,711 SOGR WSR CUT REPAIR - 2015 SC CW S3 0 58 03 -86 2,100 0 0 2,014 2.014 0 0 2.014 0 0 0 2,014 0 0 0 0 0 0 59 2015 WATER SERVICE REPLACEMENT -CW S4 4,500 9,000 4,500 18,000 18,000 18,000 18,000 0 03 0 0 0 0 0 0 0 0 0 0 0 0 SOGR WATER SERVICE REPAIR - LEAD 0 60 CW S3 5,004 5,004 5,004 5,004 02 0 0 0 Ω 0 0 0 0 0 5,004 Ω 0 0 0 0 PROGRAM-2015 SC 2012 WATER SERVICE REPLC S3 -50 0 61 CW 02 -50 0 0 0 0 -50 0 -50 0 0 0 0 -50 0 0 0 0 0 SOGR-2015 SC 0 62 2013 WSR-2015 SC CW S3 02 -2,550 1,253 0 0 0 -1,297 0 -1,297 0 0 0 0 -1,297 0 0 0 0 -1,297 0 0 63 2014 WATER SERVICE REPLACEMENT -CW S3 02 -926 3,566 0 0 0 2,640 0 2,640 0 0 0 0 2,640 0 0 0 0 2,640 SOGR-2015 SC WSR - STANDALONE- 2015 SC CW S3 02 71 0 71 71 71 0 64 0 0 n 0 0 0 0 0 71 0 0 0 0 0 Sub-total 22,934 27,169 27,248 28,008 28,483 133,842 148,396 282.238 0 0 0 0 282,238 0 0 0 0 282,238 WAT906935 NEW SERVICE CONNECTIONS 0 2 **NEW SERVICE CONNECTIONS - CUT** CW S2 05 3.500 0 0 3,500 3,500 3.500 0 0 0 3,500 0 0 0 0 0 0 0 REPAIRS 14,000 **NEW SERVICE CONNECTIONS - SITE** 14,000 0 7 CW S2 05 14.000 0 0 0 14,000 14,000 0 0 0 0 0 0 0 0 0 0 0 SERVICING 0 14 10 YEAR WATER SERVICES CW S6 05 0 0 0 17,000 17,000 34,000 85,000 119,000 0 0 0 0 119,000 0 0 0 0 119,000 CONNECTIONS 5,254 0 15 NEW SERVICE CONNECTIONS - CUT CW S6 05 0 0 4.952 5,101 15,307 28,730 44,037 44.037 0 0 44,037 0 0 0 0 0 0 0 **REPAIRS - FUTURE NEW SERVICE CONNECTIONS - SITE** CW S3 8,002 13,500 2,500 46,102 46,102 46,102 0 18 05 22,100 0 0 0 0 0 46,102 0 0 0 0 0 SERVICING - 2015 SC

#### **CITY OF TORONTO**

Water Program

Gross Expenditures (\$000's)

Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By Debt Capital Total Total Total Federal Development Reserves Funds Sub- Project No. Project Name Provincial Recoverable Reserve from Total Grants and Current Other 1 Other2 Debt 2020-2024 2015-202 PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-2019 Financing Subsidies WAT906935 NEW SERVICE CONNECTIONS **NEW SERVICE CONNECTIONS - CUT** CW S3 4,080 Λ 4,660 4,660 4,660 4.660 REPAIRS - 2015 SC Sub-total 26,082 26,180 18,452 24,601 22,254 117,569 113,730 231,299 0 231,299 231,299 WAT906951 ENGINEERING CONSULTING FEES CW S2 2.975 4.687 5.912 5.445 4.160 23.179 5.016 28.195 28.195 28.195 ſ 10 YEAR ENGINEERING 38.423 142.221 246,361 388.582 0 388.582 388.582 CW S6 25.730 32.639 45.429 ECS SALARIES CW S3 12,199 n 12,199 12,199 12,199 12,199 ROAD RESTORATION - 2015 SC CW S3 5,962 5,830 11,792 11,792 11,792 11,792 n -2,909 -1,949 6,964 6,964 CONSULTING FEES - 2015 SC CW S3 6,570 6,702 -2,447 8,913 6,964 LEGAL SERVICES SALARIES - 2015 SC CW S3 Ω PPFA SALARIES S4 2,292 2,292 CW 2,292 2,292 2,292 PPFA SALARIES CW S6 2,292 2,292 2,292 2,292 9,168 11,460 20,628 20,628 20,628 Sub-total 30,195 45,241 41,840 43,713 48,972 209,96 260,888 470,849 0 470,849 470,849 WAT906977 ISLAND W.T.P. R&R FACILITY & PROCESS UPGRADES CW S2 1,278 1,504 1,504 1,504 1,504 FACILITY UPGRADE - FORMER MARINE CW S2 1,840 1,100 2,940 2,940 2,940 2,940 YARD ISLAND FILTER AIR SCOUR SYSTEM CW S2 3,165 0 32 TRAVELLING SCREEN REPLACEMENT CW S4 2.120 3,165 3,165 3,165 ISLAND SEAWALL REHABILITATION CW S2 ISLAND ENWAVE/RETROFIT PROJECT CW S2 AMMONIA AND FLOURIDE SYSTEM 2.240 CW S2 1.285 2.240 2.240 2.240 UPGRADES 0 51 CHEMICAL SYSTEMS' ELECTRICAL FEED CW S2 DISTRIBUTION FACILITY & PROCESS UPGRADES 1,875 2,625 0 53 CW S6 2,625 2,625 FUTURE FILTER MEDIA REPLC - FUTURE CW S6 0 62 FACILITY & PROCESS UPGRADES - 2015 CW S3 -150 Λ Ω Ω SC

#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

		9																						
							Curr	ent and F	uture Year	Cash Flov	v Commitm	ents			Cu	rrent and Fu	iture Year	Cash Flo	w Comm	itments F	inance	і Ву		
<u>Sub</u> Prio		ect No. <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 - Recoverable	Total Financing
		ISLAND W.T.P. R&R												Gaboraroo	·									
0		ISLAND FILTER AIR SCOUR SYSTEM - 2015 SC	CW	S3	04	-400	0	0	0	0	-400	0	-400	0	C	-24	0	-376	C	) 0	) (	)	0 0	-400
0		FACILITY UPGRADE - FORMER MARINE YARD - 2015 SC	CW	S3	03	-640	337	0	0	0	-303	0	-303	o	C	0	0	-303	C	) 0	) (	)	0 0	-303
0		ISLAND ENWAVE/RETROFIT PROJECT - 2015 SC	CW	S3	04	-210	-323	0	0	0	-533	0	-533	0	C	0	0	-533	C	) 0	) (	)	0 0	-533
0		AMMONIA AND FLOURIDE SYSTEM UPGRADES - 2015 SC	CW	S3	03	-705	-405	1,320	40	0	250	0	250	0	C	0	0	250	C	) 0	) (	)	0 0	250
0		CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION - 2015 SC	CW	S3	03	-400	365	0	0	0	-35	0	-35	0	C	0	0	-35	C	) 0	) (	)	0 0	-35
0	69	Generators` DR3 Program	CW	S4	04	75	750	425	0	0	1,250	0	1,250	0	C	0	0	1,250	C	) 0	) (	)	0 0	1,250
0	70	PLANTWIDE HVAC UPGRADES	CW	S4	04	15	90	490	45	0	640	0	640	0	C	0	0	640	C	) 0	) (	)	0 0	640
0	71	ISLAND SEAWALL REHAB- 2015 SC	CW	S3	03	14	0	0	0	0	14	0	14	0	(	0	0	14	C	) 0	) (	)	0 0	
		Sub-total				3,755	6,576	2,990	620	375	14,316	2,325	16,641	0	C	10	0	16,631	C	) 0	) (	0	0 0	16,641
WAT	906979	D2/D4 TRUNK WATERMAIN UPGRADES																						
0		JOS - VICTORIA PARK WM CONSTRUCTION	CW	S6	05	0	0	0	0	0	0	52,000	52,000	0	C	21,258	0	21,719	C	) 0	9,023	}	0 0	52,000
0	26	JOS VICTORIA PARK WM - ENGINEERIN	IG CW	S6	05	0	0	0	300	600	900	1,725	2,625	0	C	1,073	0	1,097	C	) 0	455	j	0 0	2,625
		Sub-total				0	0	0	300	600	900	53,725	54,625	0	C	22,331	0	22,816	0	0 0	9,478	3	0 0	54,625
WAT	907135	BAYVIEW TRUNK WATERMAIN - PH2																						
0	5	HPEC W-M - BAYVIEW TO KEELE	CW	S6	05	0	0	0	400	100	500	8,400	8,900	0	C	4,707	0	4,193	C	) 0	) (	)	0 0	8,900
		Sub-total				0	0	0	400	100	500	8,400	8,900	0	C	4,707	0	4,193	C	) 0	) (	0	0 0	8,900
WAT	907353	LAWRENCE ALLAN REVITALIZATION PL	AN																					
0		LAWRENCE ALLAN REVITALIZATION PLAN-INFRASTURCTURE	CW	S2	05	3,740	3,354	12,641	2,127	3,531	25,393	0	25,393	o	C	4,940	0	20,453	C	) 0	) (	)	0 0	25,393
0		LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL SEWER	CW	S2	05	2,864	0	5,437	0	0	8,301	0	8,301	o	C	8,301	0	0	C	) 0	) (	)	0 0	8,301
0		LAWRENCE ALLAN REVITALIZATION PLAN-INTER - 2015 SC	CW	S3	05	-72	0	0	0	0	-72	0	-72	0	C	20,381	0	-20,453	C	) 0	) (	)	0 0	-72
0		LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL-2015SC	CW	S3	05	-61	0	0	0	0	-61	0	-61	0	C	-61	0	0	C	) 0	) (	)	0 0	-61
		Sub-total				6,471	3,354	18,078	2,127	3,531	33,561	0	33,561	0	C	33,561	0	0	C	) 0	) (	0	0 0	33,561
WATS	907558	REGENT PARK CAPITAL CONTRIBUTION	<u>v</u>																					
0	1	REGENT PARK CAPITAL CONTRIBUTION	N 28	S2	05	907	330	132	745	287	2,401	859	3,260	0	C	0	0	3,260	C	) 0	) (	)	0 0	3,260

Report Phase 2 - Program 10 Water Program Program Phase 2 Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4

#### CITY OF TORONTO

Gross Expenditures (\$000's)

Water Program **Current and Future Year Cash Flow Commitments** Current and Future Year Cash Flow Commitments Financed By Debt -Capital Total Sub- Project No. Project Name Total Total Federal Development Reserves Funds Provincial Recoverable Reserve from Total Grants and 2020-2024 2015-2024 Current Other 1 Other2 Debt 2015 2016 2017 2018 2019 PrioritySubProj No. Sub-project Name Ward Stat. Cat. 2015-201 Financing Subsidies WAT907558 REGENT PARK CAPITAL CONTRIBUTION 0 9 REGENT PARK CAPITAL CONTRIBUTION - CW S3 05 308 1,473 343 345 345 2,814 -737 2,077 0 0 0 0 2,077 0 0 0 0 0 2,077 2015 SC Sub-total 1,215 1,803 475 1,090 632 5,215 122 5,337 0 0 0 0 5,337 0 0 0 0 5,337 WAT907946 BUSINESS IT PROJECTS 0 1 BUSINESS INTELLIGENCE INITIATIVES CW S2 04 280 0 0 0 0 280 0 280 0 0 0 0 280 0 0 0 0 280 0 BACKFLOW INSPECTION PORTAL CW S2 400 400 400 0 2 04 0 200 200 0 0 0 0 0 0 0 400 0 0 0 0 0 0 7 ENTERPRISE WORK MANAGEMENT CW S2 04 1,968 1,225 975 975 0 5,143 0 5,143 0 0 0 0 5,143 0 0 0 0 0 5,143 SYSTEM PROJECT ENTERPRISE WORK MANAGEMENT 1,466 1,966 0 10 CW S3 04 -1,144 494 446 297 1,373 500 1,966 0 0 1,966 0 0 0 0 0 0 0 SYSTEM PROJ - 2015 SC BUSINESS INTELLIGENCE CW S3 -221 0 -221 -221 -221 0 -221 0 11 04 0 0 0 0 0 0 0 0 0 0 0 0 INITIATIVES-2015 SC EDOCS- 2015 SC CW S3 150 150 300 300 0 12 04 0 0 0 300 0 0 0 0 0 300 0 0 0 0 0 Sub-total 1,033 1,272 1,373 7,368 500 7,868 0 0 0 0 0 0 0 7,868 2,069 1,621 0 7,868 0 WAT908087 TRUNK WATERMAIN 0 1 TRANSMISSION SYSTEM AUTOMATION CW S4 04 250 1,750 1,750 10 0 3,760 0 3,760 0 0 0 0 3,760 0 0 0 0 0 3,760 JOS - REVENUE METER REPLACEMENT CW S6 630 5,040 5,040 0 0 5,040 0 4 03 0 1,890 2,520 0 0 0 0 0 5.040 0 0 0 0 0 5 CAST IRON T/M REPLACEMENT -CW S6 03 0 0 1,000 2,000 3,000 22,000 25,000 25,000 0 0 0 25,000 0 0 0 0 0 0 0 FUTURE 3RD PARTY RELOCATIONS (METROLINX) CW S4 0 6 04 500 500 500 250 250 2,000 0 2,000 0 0 0 0 2,000 0 0 0 0 0 2,000 4,770 22,000 35,800 Sub-total 750 4,140 1,890 2,250 13,800 35,800 0 0 0 0 35,800 0 0 0 0 0 1,922,846 1,821,779 433,057 419,871 393,240 358,120 3,744,625 0 3,744,625 318,558 0 0 286,690 03,404,316 0 0 53,619 0 **Total Program Expenditure** 

Report Phase 2 - Program 10 Water Program Program Phase 2 Sub-Project Category 01,02,03,04,05,06,07 Part B Sub-Project Status S2,S5,S6 Part C Sub-Project Status S2,S3,S4

#### **CITY OF TORONTO**

Gross Expenditures (\$000's)

Water Program																		
	0	Current and	Future Ye	ar Cash F	low Comr	nitments ar	nd Estimate	s		Curren	t and Future Ye	ear Cash Flow C	ommitme	nts and	Estimates	Financed By		
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name Ward Stat. Ca	t. 2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal D Subsidy	evelopment Charges Re	Reserve serves Funds	Capital from Current	Other 1	Other2	Debt - Recovera Debt	ble	Total Financing
Financed By:										_								
Development Charges	19,761	27,197	50,327	32,978	25,726	155,989	130,701	286,690	0	0	286,690	0 0	C	)	0 0	0	0	286,690
Reserve Funds (Ind."XR" Ref.)	288,850	396,164	357,428	349,894	330,251	1,722,587	1,681,729	3,404,316	0	0	0	03,404,316	C	)	0 0	0	0	3,404,316
Other2 (External)	9,947	9,696	12,116	10,368	2,143	44,270	9,349	53,619	0	0	0	0 0	C	)	0 53,619	0	0	53,619
Total Program Financing	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	C	)	0 53,619	0	0	3,744,625

#### 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 New - Stand-Alone Project (Current Year Only) S4 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 03

04 Service Improvement and Enhancement C04

05 06 07 Growth Related C05

Reserved Category 1 C06 Reserved Category 2 C07

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

							Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	ow Comm	itments F	inanced	Ву	·	
	ritySut	oject No. <u>Project Name</u> bProj No. Sub-project Name		d 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	Rec	Debt - coverable	• Total Financing
WAS	000007	ASHBRIDGES BAY WWTP REHAE	3																					
0	17	STANDBY POWER GENERATION	CI	N S2	04	4,073	5	15	0	0	4,093	0	4,093	0	C	) 329	0	3,764	0	0	0 0	0	0	4,093
0	19	FERROUS UPGRADES	C\	N S2	03	475	6,072	6,700	3,185	255	16,687	0	16,687	0	C	0 1,350	0	15,337	0	0	0	0	0	16,687
0	30	ELECTRICAL REHAB	C\	N S2	01	6,611	6,025	2,105	421	0	15,162	0	15,162	0	C	0 0	0	15,162	0	0	0 0	0	0	15,162
0	41	POLYMER UPGRADE	CI	N S2	03	825	800	9,900	12,200	9,580	33,305	2,800	36,105	0	C	) 0	0	36,105	0	0	0	0	0	36,105
0	46	Rehab of Grounds and Buildings	CI	N S2	03	25	0	0	0	0	25	0	25	0	C	) 0	0	25	0	0	0	0	0	25
0	47	P BLDG HEADWORKS ENG DESIGN&CONTRACT ADMIN	C\	N S2	03	2,791	2,084	988	885	250	6,998	49	7,047	0	C	) 568	0	6,479	0	0	0	0	0	7,047
0	49	PROCESS UPGRADES AND ODO CONTROL ENGINEERING	UR C\	N S2	04	1,000	410	34	0	0	1,444	0	1,444	0	C	) 116	0	1,328	0	0	0	0	0	1,444
0	189	PROCESS AND EQUIPMENT	CI	N S2	03	3,191	3,610	4,004	4	0	10,809	0	10,809	0	C	) 0	0	10,809	0	0	0	0	0	10,809
0	190	FACILITY AND GROUNDS	CI	N S2	03	2,013	2,002	0	0	0	4,015	0	4,015	0	C	) 0	0	4,015	0	0	0	0	0	4,015
0	200	PROCESS AND FACILITIES -FUTU	JRE C\	N S6	03	0	0	2,040	2,040	2,040	6,120	10,200	16,320	0	C	) 0	0	16,320	0	0	0	0	0	16,320
0	215	DIGESTERS CLEANING REHAB - 14, 16, 13	TANKS C	N S2	03	3,800	3,600	3,100	0	0	10,500	0	10,500	0	C	0 0	0	10,500	0	0	0	0	0	10,500
0	216	OPERATIONS CENTRE - ENGINE	ERING CV	N S2	03	700	0	0	0	0	700	0	700	0	C	) 0	0	700	0	0	0	0	0	700
0	217	ELECTRICAL REHAB - FUTURE	C	N S6	03	0	250	6,720	7,225	3,425	17,620	0	17,620	0	C	) 0	0	17,620	0	0	0	0	0	17,620
0	218	FERROUS UPGRADES - 2015 SC	C	V S3	03	-225	-1,572	200	2,153	195	751	0	751	0	C	60	0	691	0	0	0	0	0	751
0	219	PROCESS AND EQUIPMENT - 207	5 SC C	W S3	03	-596	1,023	-2,004	-4	0	-1,581	0	-1,581	0	C	0 0	0	-1,581	0	0	0	0	0	-1,581
0	220	GROUND AND FACILITIES - 2015	SC C	W S3	03	869	-1,455	0	0	0	-586	0	-586	0	C	0 0	0	-586	0	0	0	0	0	-586
0	221	POLYMER UPGRADE - 2015 SC	C\	W S3	03	-325	-100	-5,900	800	3,420	-2,105	5,876	3,771	0	C	0 0	0	3,771	0	0	0	0	0	3,771
0	222	DIGESTERS CLEANING REHAB - 14&16&13 - 2015 SC	TANKS C	W S3	03	-2,075	125	75	2,139	94	358	0	358	0	C	0 0	0	358	0	0	0	0	0	358
0	223	OPERATIONS CENTRE - ENGINE CONSTRUCTION	ERING & C\	N S6	04	0	0	800	5,500	5,500	11,800	0	11,800	0	C	0 0	0	11,800	0	0	0	0	0	11,800
0	224	BRIDGE UPGRADES	C\	N S4	03	200	1,100	2,500	2,600	100	6,500	0	6,500	0	C	) 0	0	6,500	0	0	0	0	0	6,500
0	225	DIGESTER CLEANING & UPGRAD	DES - CV	V S6	03	0	0	100	6,300	6,400	12,800	32,200	45,000	0	C	) 0	0	45,000	0	0	0	0	0	45,000
0	226	ABTP - ENVIRONMENTAL ASSES	SMENT C	N S4	05	150	250	600	250	0	1,250	0	1,250	0	C	0 0	0	1,250	0	0	0	0	0	1,250
0	227	AIR HEADER REHAB	C\	N S4	03	100	700	1,200	0	0	2,000	0	2,000	0	C	) 0	0	2,000	0	0	0	0	0	2,000
0	228	BLOWER BUILDING MAINTENAN SHOP	CE C\	N S4	04	100	100	300	0	0	500	0	500	0	C	0 0	0	500	0	0	0	0	0	500

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

L																									
								Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	iture Year C	ash Flov	v Commi	itments I	inanced	Ву		
<u>Sub</u> Prio			<u>Project Name</u> 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 p	eserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - overable	Total Financing
		,	ES BAY WWTP REHAB												Cabolaloo										
0	229	D BUILDIN	G PHASE 2	CW	S4	03	150	700	3,600	1,200	50	5,700	0	5,700	0	0	0	0	5,700	0	C	0	0	0	5,700
0	231	HOT WATE	R LOOP MODIFICATIONS	CW	S4	03	100	500	0	0	0	600	0	600	0	0	0	0	600	0	C	0 0	0	0	600
0	232	STANDBY	POWER GENERATION-2015 SC	c cw	S3	04	-2,757	400	-13	0	0	-2,370	0	-2,370	0	0	-190	0	-2,180	0	C	0	0	0	-2,370
0	233		EADWORKS ENG CONTRACT ADMIN-2015 SC	CW	S3	03	-831	-99	-148	881	0	-197	0	-197	0	0	-16	0	-181	0	C	0 0	0	0	-197
0	234	ELECTRIC	AL REHAB - ECAP-2015 SC	CW	S3	01	-738	793	-501	-407	0	-853	0	-853	0	0	0	0	-853	0	C	0	0	0	-853
0	235	MOBILE G	ENERATORS-2015 SC	CW	S3	04	29	0	0	0	0	29	0	29	0	0	0	0	29	0	C	0	0	0	29
0	236	SC	GROUNDS & BUILDINGS-2015			03	-25	0	0	0	0	-25	0	-25	0		0	0	-25	0	C		0	0	-
0	237	CONTROL	UPGRADES & ODOUR ENG-2015 SC	CW		04	280	145	276	0	0	701	0	701	0		57	0	644	0	C	-	0	0	-
0	238		UPGRADES			04	200	1,200	1,550	0	0	2,950	0	2,950	0	0	0	0	2,950	0	C	-	0	0	_,
0	239		K UPGRADES - TANKS 10 & 11			03	0	1,330	1,330	0	0	2,660	0	2,660	0		0	0	2,660	0	C		0	0	
0	240	2015 SC	S CENTRE -ENGINEERING -	CW	S3	03	-300 19,810	29,998	0 39,571	0 47,372	0	-300 168,060	0 51,125	-300 219,185	0	0	2,274	0	-300	0	C	-	0	0	-300 219,185
			Sub-Iolai				19,810	29,990	39,371	47,372	31,309	108,000	51,125	219,165	0	0	2,274	0 2	210,911	0		0	0	0	219,105
WAS	000115	HUMBER 1	<u>.P.</u>																					l	
0	9	CO-GENE	RATION	CW	S4	04	200	200	109	0	0	509	0	509	0	0	0	0	509	0	C	0	0	0	509
			Sub-total				200	200	109	0	0	509	0	509	0	0	0	0	509	0	C	0 0	0	0	509
WAS	000259	TRUNK SE	WER SYSTEM																						
0	15	TRUNK SE	VWER REHAB-2012	CW	S2	03	6,078	6,884	1,611	381	38	14,992	11	15,003	0	0	0	0	15,003	0	C	0 0	0	0	15,003
0	18	Keele Trun	Sewer Design & Construction	CW	S6	05	0	0	500	5,500	8,500	14,500	95,000	109,500	0	0	34,064	0	75,436	0	C	0 0	0	0	109,500
0	23	TRUNK SE	WER REHABILITATION	CW	S2	03	170	0	0	0	0	170	0	170	0	0	0	0	170	0	C	0	0	0	170
0	24	TRUNK SE FORECAS	WER REHABILITATION - T	CW	S6	03	0	0	15,000	21,000	21,000	57,000	100,000	157,000	0	0	0	0 1	57,000	0	C	0 0	0	0	157,000
	27		WER REHABILITATION - 2014	CW		03	12,965	18,225	3,543	7	0	34,740	0	34,740	0	0	0		34,740	0	C		0	0	,
0	34	CONSTRU		CW		05	1,000	0	0	0	0	1,000	0	1,000	0		0	0	1,000	0	C		0	0	
0	36		MENT-FORECAST			03	0	5,000	5,000	5,000	5,000	20,000	25,000	45,000	0	0	0		45,000	0	C	-	0	0	
0	38	TRUNK SE 2015 SC	WER REHABILITATION - 2012 -	- CW	53	03	7,751	-603	311	10	51	7,520	0	7,520	0	0	0	0	7,520	0	C	) 0	0	0	7,520

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

maon		gram																					
							Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Curr	ent and F	uture Year Cash	Flow Comr	nitments	s Finance	d By		
	<u>Project No.</u> ySubProj No.	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 D Subsidy	evelopment Charges	Reser Reserves Fund	Capital /e from s Current		1 Other2	Rec	Debt - overable	Total Financing
WAS000	0259 TRUNK	SEWER SYSTEM																					
0 3	9 TRUNK 2015 SC	SEWER REHABILITATION - 2014 -	CW	S3	03	-35	-1,025	2,382	1,386	7	2,715	0	2,715	0	0	0	0 2,7	15	0	0	0 0	0	2,715
0 4		TRUNK SEWER DESIGN & RUCTION - 2015 SC	CW	S3	05	-500	600	300	0	0	400	0	400	0	0	0	0 4	00	0	0	0 0	0	400
0 4	1 TRUNK SC	SEWER REHABILITATION-2015	CW	S3	03	-147	15	0	0	0	-132	0	-132	0	0	0	0 -1	32	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	0	34,064	0 338,8	52	0	0	0 0	0	372,916
WAS000	0442 BASEME	ENT FLOODING RELIEF																					
1 1		ENT FLOODING RELIEF - .OW GRANTS	CW	S2	04	0	5,500	5,500	5,500	5,500	22,000	22,000	44,000	o	0	0	0 44,0	00	0	0	0 0	0	44,000
08	BASEME	ENT FLOODING STUDIES & EAS	CW	S2	04	4,503	1,485	0	0	0	5,988	0	5,988	0	0	0	0 5,9	88	0	0	0 0	0	5,988
09	BASEME PROJEC	ENT FLOODING RELIEF - TUNNEL	. CW	S2	04	10,000	32,000	37,000	40,500	30,000	149,500	0	149,500	0	0	0	0 149,5	00	0	0	0 0	0	149,500
0 1		ESTORATION FOR BSMT FLDG		S2		772	0	0	0	0	772	0	772	0	-	0			0	0	0 0	0	772
0 1	1	ENT FLOODING DESIGN - GROUP				1,888	1,900	0	0	0	3,788	0	3,788	0	-	0	,-		0	0		0	3,788
0 1	8 BASEME 2	ENT FLOODING DESIGN - GROUP	° CW	S2	04	5,900	5,500	5,500	25	0	16,925	0	16,925	0	0	0	0 16,9	25	0	0 0	0 0	0	16,925
0 1	2	ENT FLOODING RELIEF - GROUP				41,222	39,832	49,299	1,500	0	131,853	0	131,853	0		0	0 131,8	53	0	0	0 0	0	131,853
0 2	3	ENT FLOODING DESIGN - GROUP				3,000	4,000	5,000	5,000	4,000	21,000	4,000	25,000	0	-	0	,-		0		0 0	0	25,000
0 2	1					9,710	11,675	75	0	0	21,460	0	21,460	0		0	- ,		0		0 0	0	21,460
0 5	2 BASEME	ENT FLOODING RELIEF-FUTURE	CW	S6	04	0	0	0	48,451	67,000	115,451	445,040	560,491	0	0	0	0 560,4	91	0	0 0	0 0	0	560,491
0 6	PROG -	LOODING PROTECTION SUBSIDY 2015 SC				5,500	0	0	-5,500	-5,500	-5,500	-22,000	-27,500	0		0	- ,.		0	0	0 0	0	-27,500
0 6	2015 SC				04	-2,757	538	280	100	100	-1,739	0	-1,739	0	-	0	<b>-</b> .,.		0		0 0	0	-1,739
0 7	1 - 2015					2,881	-1,408	0	0	0	1,473	0	1,473	0	-	0	<b>-</b> .,		0	0 0		0	1,473
07	PRJS - 2			S3	04	408	800	0	0	0	1,208	0	1,208	0	-	0	- ,		0	0 0	0 0	0	1,208
0 7	PROJ - 2				04	-9,485	-17,000	-7,000	-10,500	5,000	-38,985	40,000	1,015	0	0	0	0 1,0		0	0	) 0	0	1,015
0 7	2 - 2015					-11,832	-10,330	17,099	43,569	2,000	40,506	0	40,506	0	0	0	0 40,5		0	0	) 0	0	40,506
0 7	4					0	0		19,642			315,000	379,284	0	-	0	,-		0	0			379,284
0 7	MONITO			S6		0	1,500	1,500	1,500	1,500	6,000	1,500	7,500	0		0	- ,.		0		0 0		7,500
0 7	7 BASEME 4	ENT FLOODING DESIGN - GROUP	° CW	S4	04	1,170	4,030	6,030	10,000	13,270	34,500	75,860	110,360	0	0	0	0 110,3	60	0	0 0	0 0	0	110,360

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

UPU-FUNCTION <th colspan="4" th="" upu-fun<=""><th></th><th>0114101110</th><th>•</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></th>	<th></th> <th>0114101110</th> <th>•</th> <th></th>					0114101110	•																				
Bubble Prodections         Total Control         Total Contro         Total Control         Tota							Curr	ent and Fu	ture Year	Cash Flov	w Commitn	nents			Cur	rrent and F	uture Year Cash	Flow Comm	nitments	Financed	Ву						
Name         Status etc.				Nard S	Stat. C	at. 2015	2016	2017	2018	2019				Grants and	Federal Subsidy	Development Charges	Reserves Funds	Capital e from Current	Other 1	Other2	Recov						
1-315         1-325         1-355 <th< td=""><td>WAS00</td><td>0442 BASEM</td><td>ENT FLOODING RELIEF</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	WAS00	0442 BASEM	ENT FLOODING RELIEF																								
2-2019 SC         2-2019 SC <t< td=""><td>07</td><td></td><td></td><td>CW</td><td>S3 (</td><td>4 -363</td><td>-1,375</td><td>1,397</td><td>129</td><td>0</td><td>-212</td><td>0</td><td>-212</td><td>0</td><td>0</td><td>0</td><td>0 -2</td><td>12 0</td><td>)</td><td>0 0</td><td>0</td><td>0</td><td>-212</td></t<>	07			CW	S3 (	4 -363	-1,375	1,397	129	0	-212	0	-212	0	0	0	0 -2	12 0	)	0 0	0	0	-212				
3-3015 SC       3-301 SC       3-3015 SC       3-301 SC       3-30	07			CW	S3 (	4 -1,350	-1,575	799	975	334	-817	21	-796	o	0	0	0 -7	96 0	)	0 0	0	0	-796				
LASE ON MATE SERVIPTION         Loss         Lo	08			CW	S3 (	4 -752	-1,239	-2,885	-4,322	-721	-9,919	-4,000	-13,919	0	0	0	0 -13,9	19 0	)	0 0	0	0	-13,919				
LASE ON MIRPORTS SC       LASE ON MIRPORTS SC <thlase mirports="" on="" sc<="" th="">       LASE ON MIRPORTS SC<!--</td--><td>08</td><td></td><td></td><td>CW</td><td>S2 (</td><td>4 3,500</td><td>3,500</td><td>4,950</td><td>0</td><td>0</td><td>11,950</td><td>0</td><td>11,950</td><td>0</td><td>0</td><td>0</td><td>0 11,9</td><td>50 0</td><td>)</td><td>0 0</td><td>0</td><td>0</td><td>11,950</td></thlase>	08			CW	S2 (	4 3,500	3,500	4,950	0	0	11,950	0	11,950	0	0	0	0 11,9	50 0	)	0 0	0	0	11,950				
SUBSION - FUTURE         SUBSION - FUTURE         FUT         FU	08			CW	S3 (	4 -950	3,500	4,550	5,000	0	12,100	0	12,100	0	0	0	0 12,1	00 00	)	0 0	0	0	12,100				
STUDIES & F.A. MONITORING         STUDIES & F.A. MONITORING         Stude of all models         Stude of all	08			CW	S6 (	4 0	0	0	5,500	5,500	11,000	27,500	38,500	0	0	0	0 38,5	00 00	)	0 0	0	0	38,500				
MARTORNING         MARTORN	08			CW	S6 (	4 0	0	0	0	4,000	4,000	20,000	24,000	0	0	0	0 24,0	00 00	)	0 0	0	0	24,000				
NAME         NAME <th< td=""><td>08</td><td></td><td></td><td>CW</td><td>S6 (</td><td>4 0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>3,000</td><td>3,000</td><td>0</td><td>0</td><td>0</td><td>0 3,0</td><td>00 00</td><td>)</td><td>0 0</td><td>0</td><td>0</td><td>3,000</td></th<>	08			CW	S6 (	4 0	0	0	0	0	0	3,000	3,000	0	0	0	0 3,0	00 00	)	0 0	0	0	3,000				
0         3         HCTP BLOR REHAB & IMPROVEMENTS         CV         52         4.262         4.000         3.00         0         11.262         0         0         0         0         1.262         0        <			Sub-total			62,965	82,833	129,094	167,069	176,625	618,586	927,921	1,546,507	0	0	0	01,546,5	07 (	)	0 0	0	0	1,546,507				
0       7       HCTP Bidg Rehab and Impro-2015 C       CW       Sabe diag       3.262       -500       1.000       4.000       2.800       4.000       4	WAS00	0521 HIGHLA	ND CREEK WWTP - BUILDING SEF	RV &																							
Sub-total         Image: Construct of the construction	03	В НСТР В	LDG REHAB & IMPROVEMENTS	CW	S2 (	4,262	4,000	3,000	0	0	11,262	0	11,262	0	0	0	0 11,2	62 0	)	0 0	0	0	11,262				
VALSUPPRENT       CW       SZ       VALSUPPRENT       CU       SZ       VALSUPPRENT       CU       SZ       VALSUPPRENT       CU       SZ       VALSUPPRENT       VALSUPPRENT <th< td=""><td>07</td><td>НСТР В</td><td>ldg Rehab and Impro - 2015 SC</td><td>CW</td><td>S3 (</td><td>-3,262</td><td>-500</td><td>1,000</td><td>4,000</td><td>2,800</td><td>4,038</td><td>0</td><td>4,038</td><td>0</td><td>0</td><td>0</td><td>0 4,0</td><td>38 (</td><td>)</td><td>0 0</td><td>0</td><td>0</td><td>4,038</td></th<>	07	НСТР В	ldg Rehab and Impro - 2015 SC	CW	S3 (	-3,262	-500	1,000	4,000	2,800	4,038	0	4,038	0	0	0	0 4,0	38 (	)	0 0	0	0	4,038				
Normal Sector       Normal Sector<			Sub-total			1,000	3,500	4,000	4,000	2,800	15,300	0	15,300	0	0	0	0 15,3	00 00	)	0 0	0	0	15,300				
0       22       LAB & EMP FACILITIES       CW       Se       04       0 </td <td>WAS90</td> <td>6322 <u>W&amp;WW</u></td> <td>LABORATORIES</td> <td></td>	WAS90	6322 <u>W&amp;WW</u>	LABORATORIES																								
0       26       LAB EQUIPMENT - 2015 SC       CW       S3       03       -66       120       150       210       414       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       414       0       0       0       414       0	09	LAB EQ	UIPMENT	CW	S2 (	3 186	0	0	0	0	186	0	186	0	0	0	0 1	86 0	)	0 0	0	0	186				
0       27       LAB EQUIPMENT - FUTURE       CW       S6       0<	02	2 LAB & E	MP FACILITIES	CW	S6 (	4 0	0	0	0	0	0	20,900	20,900	0	0	0	0 20,9	00 00	)	0 0	0	0	20,900				
Sub-total       120       120       150       210	0 2	6 LAB EQ	UIPMENT - 2015 SC	CW	S3 (	3 -66	120	150	210	0	414	0	414	0	0	0	0 4	14 0	)	0 0	0	0	414				
WARSDOGS28       SWM END OF PIPE FACILITIES       Image: Construction of the problem of the	0 2	27 LAB EQ	UIPMENT - FUTURE	CW	S6 (	3 0	0	0	0	210	210	1,050	1,260	0	0	0	0 1,2	60 0	)	0 0	0	0	1,260				
0       6       DON VALLEY SWM       CW       S6       04       0       0       40       160       200       3,760       3,960       0       318       0       3,642       0       0       0       0       3,960       0       0       3,960       0       0       3,960       0       0       3,960       0       0       6,33       0       7,256       0       0       0       1,25,000       0       1,26,400       0       0       0       1,26,400       0       0       1,26,400       0       0       0       0       0<			Sub-total			120	120	150	210	210	810	21,950	22,760	0	0	0	0 22,7	60 C	)	0 0	0	0	22,760				
0       9       NORTH TORONTO CSO CONSTR       CW       S2       04       5,389       2,500       0       0       7,889       0       7,889       0       0       633       0       7,256       0       0       0       0       12,500         0       10       ETOBICOKE WATERFRONT SWM CONST       CW       S6       04       0       0       0       0       122,500       122,500       0       0       9,858       0       112,642       0       0       0       122,500       16,400       0       1,320       0       15,080       0       0       0       0       16,400       16,400       0       1,320       0       15,080       0       0       0       16,400       16,400       0	WAS90	6328 SWM E	ND OF PIPE FACILITIES																								
0       10       ETOBICOKE WATERFRONT SWM CONST       CW       S6       04       0       0       0       0       122,500       0       0       9,858       0       12,642       0       0       0       122,500       122,500       0       132,500       0       1320       0       15,080       0       0       0       0       124,500       16,400       0       1,320       0       15,080       0       0       0       0       16,400       0       16,400       0       1,320       0       15,080       0       0       0       0       16,400       0       16,400       0       1,320       0       15,080       0	06	DON VA	LLEY SWM	CW	S6 (	4 0	0	0	40	160	200	3,760	3,960	o	0	318	0 3,6	42 0	)	0 0	0	0	3,960				
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 0 0 0 16,400	09	NORTH	TORONTO CSO CONSTR	CW	S2 (	4 5,389	2,500	0	0	0	7,889	0	7,889	о	0	633	0 7,2	56 0	)	0 0	0	0	7,889				
	0 1	0 ETOBIC	OKE WATERFRONT SWM CONST	CW	S6 (	4 0	0	0	0	0	0	122,500	122,500	0	0	9,858	0 112,6	42 (	)	0 0	0	0	122,500				
0 12 EARL BALES SWM FACILITY - PHASE 2 CW S2 04 4,400 1,000 0 0 0 5,400 0 5,400 0 5,400 0 435 0 4,965 0 0 0 0 5,400 5,400	0 1	1 Bonar C	reek Construction	CW	S2 (	4 1,000	2,150	5,400	5,250	2,450	16,250	150	16,400	0	0	1,320	0 15,0	BO (	)	0 0	0	0	16,400				
	0 1	2 EARLB	ALES SWM FACILITY - PHASE 2	CW	S2 (	4,400	1,000	0	0	0	5,400	0	5,400	0	0	435	0 4,9	65 (	)	0 0	0	0	5,400				

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

Priority Busice Priority Barle         Wind Static Lat         Cold Static Priority Barle         Wind Static Lat         Cold Static Priority Barle         Wind Static Lat         Cold Static Priority Barle         Wind Static Lat			<u> </u>																		
Bub         Prode         Total         T				Curr	ent and Fu	iture Year	Cash Flov	w Commitr	nents			Cur	rent and F	uture Year	Cash Flo	w Comm	nitments	Finance	d By		
MARINE SMILLES MULTING         Vision         Marine Different SMILLES MULTING         UNIT SMIL			2015	2016	2017	2018	2019				Grants and		Development Charges	Reserves	Reserve Funds	from	Other 1	Other2		Recoverable	Total Financing
CONSTRUCTION         Construction<																					
SC         SC<	0 38		0	0	0	300	2,200	2,500	7,700	10,200	C	) 0	821	0	9,379	C	)	) (	0	0 0	10,200
HARE 2-2015 SC       HARE	0 52		0	0	1,150	4,000	9,600	14,750	33,200	47,950	C	) 0	3,860	0	44,090	C	)	) (	0	0 0	47,950
N       S       BORG CONVENCIONARGIONES CONVERCION       C <thc< th=""> <thc< th=""> <thc< th="">      &lt;</thc<></thc<></thc<>	0 53		100	1,300	0	0	0	1,400	0	1,400	0	) 0	112	0	1,288	C	)	) (	0	0 0	1,400
Normal         Normal<	0 54	4 NORTH TORONTO CSO CONSTR-2015 SC CW S3 04	11	-349	0	0	0	-338	0	-338	C	) 0	-25	0	-313	C	)	) (	0	0 0	-338
NAME OUNCE CONTROL PROC         Not build of the output of the outpu	0 55	5 Bonar Creek Construction-2015 SC CW S3 04	-500	-1,750	0	1,950	120	-180	0	-180	C	) 0	-15	0	-165	C	)	) (	0	0 0	-180
Normal and the properties connection         CV S2 of 150         150         250         150 <td></td> <td>Sub-total</td> <td>10,400</td> <td>4,851</td> <td>6,550</td> <td>11,540</td> <td>14,530</td> <td>47,871</td> <td>167,310</td> <td>215,181</td> <td>0</td> <td>0 0</td> <td>17,317</td> <td>0</td> <td>197,864</td> <td>(</td> <td>)</td> <td>)</td> <td>0</td> <td>0 (</td> <td>215,181</td>		Sub-total	10,400	4,851	6,550	11,540	14,530	47,871	167,310	215,181	0	0 0	17,317	0	197,864	(	)	)	0	0 (	215,181
PRCGRAM	WAS906	6331 SWM SOURCE CONTROL PROG																			
PROGRAM. 2015 SC         SC         Image: Sc = 1 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +	09		150	250	150	150	0	700	0	700	C	) 0	0	0	700	C	)	) (	0	0 0	700
MASSINGUAR       Highland OREREK WWTP - ODOUR CONTROL       USA LAND CREEK WWTP - ODOUR CONTROL UPGRADES - PHASE I       CV       S2       OA       1.310       1.800       780<	0 15		0	-100	0	0	0	-100	0	-100	C	) 0	0	0	-100	C	)	) (	0	0 0	-100
V         V		Sub-total	150	150	150	150	0	600	0	600	0	0	0	0	600	C	)	)	0	0 0	600
FNG       And       A	WAS906	6380 HIGHLAND CREEK WWTP - ODOUR CONTROL																			
CONST         CONSTACL UPGAADES - PHASE I         CW         S3         04         0.0         0         0         0.0         0	0 1		1,310	1,280	1,600	780	5	4,975	0	4,975	C	) 0	398	0	4,577	C	)	) (	0	0 0	4,975
0       16       ODOUR CONTROL UPGRADES - PHASE 1       CW       S3       0       10       10       10       759       0       0       0       0       0       71       0       759       0	0 2		16,140	13,700	14,200	14,320	10,000	68,360	0	68,360	C	) 0	5,504	0	62,856	(	)	) (	0	0 0	68,360
INC       INC       DOUC CONTROL UPGRADES - PHASE I       V       S3       P       -1.14       3.300       800       680       -4.425       -785       0       -785       0       -66       0       -719       0       <	03	ODOUR CONTROL UPGRADES - PH 2 CW S6 02	0	0	0	400	1,000	1,400	33,700	35,100	C	) 0	1,413	0	33,687	C	)	) (	0	0 0	35,100
K       K	0 16		-805	195	320	320	800	830	0	830	C	) 0	71	0	759	C	)	) (	0	0 0	830
WASSIGNE AS AND CREEK TP IV YR2004       Image: constraint of the problem of the pr	0 17		-1,140	3,300	800	680	-4,425	-785	0	-785	C	) 0	-66	0	-719	C	)	) (	0	0 0	-785
0       3       PCS-PLANT SRVS       CW       S2       04       1,530       50       30       0       1,610       0       1,610       0       129       0       1,481       0		Sub-total	15,505	18,475	16,920	16,500	7,380	74,780	33,700	108,480	0	0 0	7,320	0	101,160	C	)	)	0	0 0	108,480
0       4       LANDSCAPE SITE DESIGN       CW S2       04       0	WAS906	6486 ASHBRIDGES BAY T.P III YR2004																			
0       45       LANDSCAPE SITE DESIGN - 2015 SC       CW       S3       04       0	0 3	PCS-PLANT SRVS CW S2 04	1,530	50	30	0	0	1,610	0	1,610	C	) 0	129	0	1,481	C	)	) (	0	0 0	1,610
0       46       PCS-PLANT SRVS-2015 SC       CW       S3       0       -35       0       -35       0       -35       0       -32       0       0       0       0       0       1       0       1	0 4	LANDSCAPE SITE DESIGN CW S2 04	0	0	0	0	0	0	800	800	C	) 0	0	0	800	C	)	) (	0	0 0	800
Sub-total       Image: Constraint of the system of the syste	0 4	5 LANDSCAPE SITE DESIGN - 2015 SC CW S3 04	0	0	0	0	0	0	-800	-800	C	) 0	0	0	-800	C	)	) (	0	0 0	-800
WAS906487         HIGHLAND CREEK T.P IV YR2004         Image: Control of the second	0 46	6 PCS-PLANT SRVS-2015 SC CW S3 04	-35	0	0	0	0	-35	0	-35	C	0 0	-3	0	-32	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 (	1,575
0 2 PCS PLANT SERVICES CW S2 04 108 3 0 0 0 111 0 111 0 9 0 102 0 0 0 0 0	WAS906	6487 HIGHLAND CREEK T.P IV YR2004																			
	0 2	PCS PLANT SERVICES CW S2 04	108	3	0	0	0	111	0	111	C	) 0	9	0	102	C	)	) (	0	0 0	111

#### **CITY OF TORONTO**

## Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

Promise																								
Ball         Protect Name							Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Curr	rent and Fu	uture Year Ca	sh Flow (	Commit	tments	Financed	Ву		
Nerver         Verture         Verture <t< th=""><th></th><th></th><th>Ward</th><th>Stat.</th><th>Cat.</th><th>2015</th><th>2016</th><th>2017</th><th>2018</th><th>2019</th><th></th><th></th><th></th><th>Grants and</th><th>Federal <sub>D</sub> Subsidy</th><th>Development Charges</th><th>Re Reserves Fu</th><th>Ca serve fi unds Cu</th><th>rom</th><th>Other 1</th><th>Other2</th><th>Rec</th><th></th><th>Total Financing</th></t<>			Ward	Stat.	Cat.	2015	2016	2017	2018	2019				Grants and	Federal <sub>D</sub> Subsidy	Development Charges	Re Reserves Fu	Ca serve fi unds Cu	rom	Other 1	Other2	Rec		Total Financing
Image: Second	WAS906	487 HIGHLAND CREEK T.P IV YR2004																						
No.         No. <td>0 20</td> <td>PCS PLANT SERVICES-2015 SC</td> <td>CW</td> <td>S3</td> <td>04</td> <td>-45</td> <td>117</td> <td>0</td> <td>0</td> <td>0</td> <td>72</td> <td>0</td> <td>72</td> <td>0</td> <td>0</td> <td>6</td> <td>0</td> <td>66</td> <td>0</td> <td>C</td> <td>) 0</td> <td>0</td> <td>0</td> <td>72</td>	0 20	PCS PLANT SERVICES-2015 SC	CW	S3	04	-45	117	0	0	0	72	0	72	0	0	6	0	66	0	C	) 0	0	0	72
1       PSPLART SERVICE       CV       20       A		Sub-total				63	120	0	0	0	183	0	183	0	0	15	0	168	0	С	0 0	0	0	183
No         No         No         And	WAS906	488 HUMBER T.P II YR2004																						
Butchest	0 2	PCS PLANT SERVICES	CW	S2	04	180	5	7	0	0	192	0	192	0	0	15	0	177	0	C	) 0	0	0	192
No.         No. <td>0 22</td> <td>PCS PLANT SERVICES-2015 SC</td> <td>CW</td> <td><b>S</b>3</td> <td>04</td> <td>-25</td> <td>0</td> <td>0</td> <td>7</td> <td>0</td> <td>-18</td> <td>0</td> <td>-18</td> <td>0</td> <td>0</td> <td>-1</td> <td>0</td> <td>-17</td> <td>0</td> <td>C</td> <td>) 0</td> <td>0</td> <td>0</td> <td>-18</td>	0 22	PCS PLANT SERVICES-2015 SC	CW	<b>S</b> 3	04	-25	0	0	7	0	-18	0	-18	0	0	-1	0	-17	0	C	) 0	0	0	-18
0         1         SWM NA-EA         CW         SZ         0         60         1.00         1.00         1.00         0         80         0.975         0        0        0         0 <td></td> <td>Sub-total</td> <td></td> <td></td> <td></td> <td>155</td> <td>5</td> <td>7</td> <td>7</td> <td>0</td> <td>174</td> <td>0</td> <td>174</td> <td>0</td> <td>0</td> <td>14</td> <td>0</td> <td>160</td> <td>0</td> <td>C</td> <td>) 0</td> <td>0</td> <td>0</td> <td>) 174</td>		Sub-total				155	5	7	7	0	174	0	174	0	0	14	0	160	0	C	) 0	0	0	) 174
No         N         NVMMP-PUBLIC EDUCATION         NV         S2         A         S50         S50         A         S50         <	WAS906	492 WET WEATHER FLOW MP																						
No         Norwer         Norwer         No         No       N	0 1	SWM INA-EA	CW	S2	04	610	150	150	150	0	1,060	0	1,060	0	0	85	0	975	0	C	) 0	0	0	1,060
No         No<	02	WWFMP - PUBLIC EDUCATION	CW	S2	04	500	500	0	0	0	1,000	0	1,000	0	0	80	0	920	0	C	) 0	0	0	1,000
0         14         WWFNP MMTEREMENTATION: DESIGNACONTRACT ADMM         CW S2         04         1,100         500         500         2,632         00         2,632         00         2,632         00         0         2,632         0         0         0         0,242         0         0,2420         0        0<	0 10	10 Yr WWFMP Public Ed - Communication	ns CW	S6	04	0	3,000	4,000	5,125	6,000	18,125	30,000	48,125	0	0	3,873	0 4	14,252	0	C	0 0	0	0	48,125
DESIGNACONTRACT JONIN         CW         S2         04         0 <td>0 11</td> <td>10 Yr WWFMMP Implementation</td> <td>CW</td> <td>S6</td> <td>04</td> <td>0</td> <td>0</td> <td>500</td> <td>500</td> <td>500</td> <td>1,500</td> <td>2,500</td> <td>4,000</td> <td>0</td> <td>0</td> <td>320</td> <td>0</td> <td>3,680</td> <td>0</td> <td>C</td> <td>0 0</td> <td>0</td> <td>0</td> <td>4,000</td>	0 11	10 Yr WWFMMP Implementation	CW	S6	04	0	0	500	500	500	1,500	2,500	4,000	0	0	320	0	3,680	0	C	0 0	0	0	4,000
0       10 YEAR SWM - CONVEYANCE       CW       S       0<	0 14		CW	S2	04	1,132	1,000	500	0	0	2,632	0	2,632	0	0	212	0	2,420	0	C	) 0	0	0	2,632
0       44       SWM CONVEYANCE 2013       CW S2       04       319       0       319       0       319       0       319       0       319       0       319       0       319       0       319       0       319       0       319       0       319       0       319       0       0       319       0       0       319       0       0       319       0	0 15	WWF MONITORING STATIONS	CW	S2	04	0	0	0	500	200	700	400	1,100	0	0	88	0	1,012	0	С	0 0	0	0	1,100
0       51       SWM CONVEYANCE 2014       CV       64       4299       0       4299       0       4299       0       4299       0       0       4299       0	0 40	10 YEAR SWM - CONVEYANCE	CW	S6	04	0	0	0	500	200	700	7,400	8,100	0	0	652	0	7,448	0	C	) 0	0	0	8,100
0       57       SVM CONVEYANCE 2014 - 2015 SC       CW       54       -2,048       974       0       -1,074       0       -1,074       0       0       -1,074       0       0       -1,074       0       0       0       -1,074       0       0       -1,074       0       0       0       -1,074       0 <td>0 44</td> <td>SWM CONVEYANCE 2013</td> <td>CW</td> <td>S2</td> <td>04</td> <td>319</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>319</td> <td>0</td> <td>319</td> <td>0</td> <td>0</td> <td>26</td> <td>0</td> <td>293</td> <td>0</td> <td>C</td> <td>) 0</td> <td>0</td> <td>0</td> <td>319</td>	0 44	SWM CONVEYANCE 2013	CW	S2	04	319	0	0	0	0	319	0	319	0	0	26	0	293	0	C	) 0	0	0	319
0       58       SWM CONVEYANCE 2015       CW       S4       0       1,034       1,267       767       0       3,068       0       0       0       3,068       0       0       3,068       0       0       3,068       0       0       0       3,068       0       0       0       3,068       0       0       0       3,068       0	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	C	) 0	0	0	4,299
0       59       STORM WATER POND ASSESSMENT & CW S4       03       200       1,000       2,200       2,200       6,600       0       6,600       0<	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	C	) 0	0	0	-1,074
CLEANING       CLEANING <th< td=""><td>0 58</td><td>SWM CONVEYANCE 2015</td><td>CW</td><td>S4</td><td>04</td><td>1,034</td><td>1,267</td><td>767</td><td>0</td><td>0</td><td>3,068</td><td>0</td><td>3,068</td><td>0</td><td>0</td><td>0</td><td>0</td><td>3,068</td><td>0</td><td>C</td><td>) 0</td><td>0</td><td>0</td><td>3,068</td></th<>	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	C	) 0	0	0	3,068
0       61       Humber Bay Landforms       CW       S6       04       0       0       0       0       0       5,000       5,000       0	0 59		CW	S4	03	200	1,000	1,000	2,200	2,200	6,600	0	6,600	0	0	0	0	6,600	0	C	) 0	0	0	6,600
0       62       SWM INA/EA-2015 SC       CW S3       04       -25       400       200       50       50       675       0       675       0       0       54       0       621       0 <td>0 60</td> <td>Ashbridges Bay Landforms</td> <td>CW</td> <td>S4</td> <td>04</td> <td>5,333</td> <td>15,689</td> <td>3,390</td> <td>8,668</td> <td>0</td> <td>33,080</td> <td>0</td> <td>33,080</td> <td>0</td> <td>0</td> <td>0</td> <td>0 3</td> <td>33,080</td> <td>0</td> <td>C</td> <td>0 0</td> <td>0</td> <td>0</td> <td>33,080</td>	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 3	33,080	0	C	0 0	0	0	33,080
0       63       WWFMP IMPLEMENTATION - DESIGN-2015 SC       CW S3 04       1,467       700       850       0       0       3,017       0       0       243       0       2,774       0 <t< td=""><td>0 61</td><td>Humber Bay Landforms</td><td>CW</td><td>S6</td><td>04</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>5,000</td><td>5,000</td><td>0</td><td>0</td><td>0</td><td>0</td><td>5,000</td><td>0</td><td>C</td><td>) 0</td><td>0</td><td>0</td><td>5,000</td></t<>	0 61	Humber Bay Landforms	CW	S6	04	0	0	0	0	0	0	5,000	5,000	0	0	0	0	5,000	0	C	) 0	0	0	5,000
DESIGN-2015 SC 0 64 WET WEATHER FLOW MONITORING CW S3 04 0 0 0 -500 -200 -700 -400 -1,100 0 0 -88 0 -1,012 0 0 0 0 0 0	0 62	SWM INA/EA-2015 SC	CW	S3	04	-25	400	200	50	50	675	0	675	0	0	54	0	621	0	C	) 0	0	0	675
	0 63		CW	<b>S</b> 3	04	1,467	700	850	0	0	3,017	0	3,017	0	0	243	0	2,774	0	C	) 0	0	0	3,017
	0 64		CW	S3	04	0	0	0	-500	-200	-700	-400	-1,100	0	0	-88	0 ·	-1,012	0	С	) 0	0	0	-1,100

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

							Curre	ent and F	uture Year	Cash Flo	w Commitr	nents			Cur	rent and Fu	uture Year Cash I	low Com	nitments	Financed	Ву		
<u>Sub</u> Pric		<u>ject No. 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	Reserv Reserves Funds	Capital e from Current		Other2	Rec	ebt - overable	Total Financing
		WET WEATHER FLOW MP																				l	
0	65	STORM WATER POND ASSESSMENT & CLEANING - 10 YEAR	CW	S6	03	0	0	0	0	0	0	5,750	5,750	0	0	0	0 5,7	50	0 0	0 0	0	0	5,750
0	66	SWM CONVEYANCE 2013- 2015 SC	CW	S3	04	681	292	0	0	0	973	0	973	0	0	79	0 8	94	0	0 0	0	0	973
		Sub-total				13,502	24,972	11,357	17,193	8,950	75,974	50,650	126,624	0	0	5,624	0 121,0	00	0 0	0 0	0	0	126,624
WAS	<u> 8906495</u>	SEWER ASSET PLANNING																					
0	5	Sewer Asset Planning	CW	S2	03	1,825	615	0	0	0	2,440	0	2,440	0	0	196	0 2,24	14	0 0	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	0	0	0	0 65,18	34	0 0	0 0	0	0	65,184
0	17	SEWER ASSET PLANNING - 10 YR FORECAST	CW	S6	04	0	0	0	5,000	5,000	10,000	23,500	33,500	0	0	1,347	0 32,1	53	0 0	0 0	0	0	33,500
0	18	SEWER SYSTEM INSPECTION - 10 YR FORECAST	CW	S6	03	0	0	0	0	0	0	50,000	50,000	0	0	0	0 50,00	00	0 0	0 0	0	0	50,000
0	21	PPD - INFRASTRUCTURE PLANNING STUDIES	CW	S2	05	180	0	0	0	0	180	0	180	0	0	0	0 18	30	0 0	0 0	0	0	180
0	22	PPD - INFRASTRUCTURE PLANNING STUDIES - 10 YR PLAN	CW	S6	05	0	0	150	150	150	450	750	1,200	0	0	0	0 1,20	00	0	0 0	0	0	1,200
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 9,54	14	0	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	0	0	0	0 6,42	28	0	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	0	0	0	0 12	20	0	0 0	0	0	120
		Sub-total				11,658	16,782	15,095	17,501	17,650	78,686	90,745	169,431	0	0	2,378	0 167,0	53	0	0 0	0	0	169,431
WAS	<u> 3906500</u>	NEW SEWER CONSTRUCTION																					
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	0	2,488	0 5,5	12	0 0	0 0	0	0	8,000
0	5	NEW SEWERS	CW	S2	05	810	0	0	0	0	810	0	810	0	0	504	0 30	06	0	0 0	0	0	810
0	16	10 YEAR SEWER UPGRADES (CORRIDOR STUDIES)	CW	S6	05	0	0	2,000	4,000	6,000	12,000	40,000	52,000	0	0	13,000	0 39,00	00	0	0 0	0	0	52,000
0	23	NEW SEWERS - 2015 SC	CW	S3	05	-310	1,000	0	0	0	690	0	690	0	0	429	0 20	61	0	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	0	0	22,000	0 22,00	00	0 0	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	0	0	8,000	0	0	0 0	0 0	0	0	8,000
		Sub-total				3,500	8,000	10,000	10,000	12,000	43,500	70,000	113,500	0	0	46,421	0 67,0	79	0	0 0	0	0	113,500
WAS	<u> 8906735</u>	DIST SEWER REHAB OPS YR2005																					
0	10	GROUP 1 SEWAGE PUMPING STATION UPGRADES	CW	S2	03	388	12	0	0	0	400	0	400	0	0	32	0 30	58	0 0	0 0	0	0	400
		Sub-total				388	12	0	0	0	400	0	400	0	0	32	0 30	68	0	0 C	0	0	400
						L					۱ <u>ــــــــــــــــــــــــــــــــــــ</u>	I											

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

							Curr	ent and F	uture Year	Cash Flo	w Commitn	nents			Cur	rent and F	uture Year (	Cash Flo	w Comm	itments	Financed	d By		
<u>Sut</u> Prio		oject No. <u>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		Debt - Recoverable	Total Financing
		1 HIGHLAND CREEK TP YR2005												Cubsidies	,									
0	1	WAS THICKENING AND DEWATERING ENG	CW	S2	03	317	313	0	5	0	635	0	635	0	0	51	0	584	0	(	) (	)	0 0	635
0	17	WAS THICKENING AND DEWATERING ENG-2015 SC	- CW	S3	03	-195	-198	5	-5	0	-393	0	-393	0	0	-32	0	-361	0	(	) (	)	0 0	-393
		Sub-total				122	115	5	0	0	242	0	242	0	0	19	0	223	0	(	) (	0	0 0	242
WAS	5906742	2 HUMBER TP YR2005																						
0	6	HEADHOUSE UPGRADES Phase 1	CW	S2	03	40	0	0	0	0	40	0	40	0	0	4	0	36	0	(	) (	)	0 0	40
0	8	ODOUR CONTROL ENGINEERING	CW	S2	04	1,213	421	100	101	0	1,835	0	1,835	0	0	0	0	1,835	0	(	) (	)	0 0	1,835
0	53	ODOUR CONTROL ENGINEERING-2015 SC	5 CW	S3	04	560	1,329	74	-1	101	2,063	0	2,063	0	0	0	0	2,063	0	(	) (	)	0 0	2,063
0	54	HEADHOUSE UPGRADES PHASE 1 - 20 SC	015 CW	S3	03	-20	0	0	0	0	-20	0	-20	0	0	-2	0	-18	0	(	) (	)	0 0	-20
		Sub-total				1,793	1,750	174	100	101	3,918	0	3,918	0	0	2	0	3,916	0	(	) (	0	0 0	3,918
WAS	5906743	3 ASHRIDGES BAY TP YR2005																						
0	1	Process & Equip Upgrades	CW	S2	03	660	322	458	82	0	1,522	0	1,522	o	0	123	0	1,399	0	(	) (	)	0 0	1,522
1	4	M & T IMPROVEMENTS (EQUIPMENT)	CW	S2	03	1,026	0	0	0	0	1,026	0	1,026	o	0	0	0	1,026	0	(	) (	)	0 0	1,026
1	7	SERVICE AIR UPGRADES	CW	S2	03	4,900	2,850	550	617	0	8,917	0	8,917	0	0	0	0	8,917	0	(	) (	)	0 0	8,917
0	51	SERVICE AIR UPGRADES - 2015 SC	CW	S3	03	-2,500	-450	2,450	-29	0	-529	0	-529	0	0	0	0	-529	0	(	) (	)	0 0	-529
0	52	MISC MECH ENGINEERING-2015 SC	CW	S3	03	-480	583	-183	768	0	688	0	688	0	0	54	0	634	0	(	) (	)	0 0	688
0	53	M & T RETROFIT-2015 SC	CW	S3	03	164	409	0	0	0	573	0	573	0	0	0	0	573	0	(	) (	)	0 0	573
		Sub-total				3,770	3,714	3,275	1,438	0	12,197	0	12,197	0	0	177	0	12,020	0	(	) (	0	0 0	12,197
WAS	S906755	5 WESTERN BEACHES RETROFIT																						
0	1	WESTERN BEACHES RETROFIT	CW	S2	03	3,015	2,550	0	0	0	5,565	0	5,565	0	0	447	0	5,118	0	(	) (	)	0 0	5,565
0	10	WESTERN BEACHES RETROFIT-2015	SC CW	S3	03	-1,812	1,550	1,000	0	0	738	0	738	0	0	60	0	678	0	(	) (	)	0 0	738
		Sub-total				1,203	4,100	1,000	0	0	6,303	0	6,303	0	0	507	0	5,796	0	(	) (	0	0 0	6,303
WAS	5906926	6 OPERATIONAL SUPPORT																						
0	6	FACILITY RENOVATION	CW	S2	04	1,000	0	0	0	0	1,000	0	1,000	0	0	0	0	1,000	0	(	) (	)	0 0	1,000
0	7	RENOVATION - MERTON STREET	CW	S2	04	360	0	0	0	0	360	0	360	o	0	0	0	360	0	(	) (	)	0 0	360
0	23	HAND HELD DEVICES - UPDATED	CW	S2	04	150	0	0	0	0	150	0	150	0	0	0	0	150	0	(	) (	)	0 0	150
														•										•

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

<u>WAS9</u> 0 0 0	itySub 06926	, ,					Curre	ent and Fu	iture Year	Cash Flov	w Commitn	nents			Cur	rent and Fu	uture Year C	Cash Flo	w Commi	tments F	inanced	Ву		
Priori WAS9 0 0	itySub 06926	Proj No. Sub-project Name																						
<u>WAS9</u> 0 0 0	06926		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	teserve Funds	Capital from Current	Other 1	Other2		bt - /erable	Total Financing
0 0	40	OPERATIONAL SUPPORT																						
0		WWTP PLC PLATFORM UPGRADE	CW	S2	04	3,642	5,500	5,000	4,300	500	18,942	0	18,942	0	0	0	0	18,942	0	0	0	0	0	18,942
	71	YARDS & FACILITIES - 10 YR PLAN	CW	S6	03	0	520	1,620	1,625	1,625	5,390	8,125	13,515	0	0	0	0	13,515	0	0	0	0	0	13,515
	88	DIVISIONAL SECURITY - 2015 SC	CW	S3	04	720	0	0	0	0	720	0	720	0	0	0	0	720	0	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	0	0	0	0	1,000	0	0	0	0	0	1,000
0		DESIGNATED SUBSTANCE ABATEMENT - 2015 SC	CW	S3	02	100	100	0	0	0	200	0	200	0	0	0	0	200	0	0	0	0	0	200
0		PCS UPGRADES FOR WASTEWATER TREATMENT - 2015 SC	CW	S3	04	-2,062	-2,320	774	1,480	4,893	2,765	50	2,815	0	0	0	0	2,815	0	0	0	0	0	2,815
0		NORTHLINE: BUILDING DEMO AND PAVING	CW	S4	01	300	0	0	0	0	300	0	300	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
0		DISTRICT OPERATIONS FACILITY UPGRADES	CW	S6	04	0	0	0	0	0	0	3,900	3,900	0	0		0	3,900	0	0	0	0	0	3,900
0	95	DIVISIONAL SECURITY - BACKLOG	CW	S6	04	0	405	505	605	605	2,120	3,025	5,145	0	0		0	5,145	0	0	-	0	0	5,145
		Sub-total				4,110	5,255	7,949	8,010	7,623	32,947	15,100	48,047	0	0	0	0	48,047	0	0	0	0	0	48,047
WAS9	06958	SEWER SYSTEM REHABILITATION																						
0	2	Group 2 & 3 Sewage P.S. Upgrades	CW	S2	03	34	0	0	0	0	34	0	34	0	0	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	0	0	0	0	2,000	0	0	0	0	0	2,000
0	7	10 Year Sewer Rehabilitation	CW	S6	03	0	0	6,000	45,000	50,000	101,000	295,103	396,103	0	0	0	0	396,103	0	0	0	0	0	396,103
0	8	SPS SCADA UPGRADES - ENGINEERING	CW	S2	04	600	13	12	0	0	625	0	625	0	0	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	0	0	0	0	97,511	0	0	0	0	0	97,511
0		SEWAGE PUMPING STATION STANDBY POWER	CW	S2	02	810	0	0	0	0	810	0	810	0	0		0	745	0	0	0	0	0	810
0		GROUP 5 SEWAGE PUMPING STATION CAPACITY UPGRADES		S2	05	3,250	6,250	5,250	4,020	20	18,790	0	18,790	0	0	7 -	0	17,276	0	0	0	0	0	18,790
		GROUPS 2,3&4 SEWAGE PS UPGRADES - 2015 SC		S3	03	754	0	0	0	0	754	0	754	0	0	60	0	694	0	0	0	0	0	754
		SEWAGE PUMPING STATION STANDBY POWER - 2015 SC				-688	252	0	0	0	-436	0	-436	0	0	-35	0	-401	0	0	0	0	0	-436
0		GROUP 5 SEWAGE PUMPING STATION UPGRADES - 2015 SC		S3		-2,216	-2,000	1,050	2,280	3,645	2,759	1,056	3,815	0	0		0	3,510	0		-		0	3,815
0		CCTV INSPECTION-2015 SC		S3		200	200	0	0	0	400	0	400	0				400	0				0	400
0		SPS SCADA UPGRADES - ENGINEERING-2015 SC	CW	S3	04	0	487	0	0	0	487	0	487	0	0	39	0	448	0	0	0	0	0	487

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Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

|          | -   |   |   |  |   |  
   
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|          |   |   |   |  |   | Curr   
   
  | ent and Fu   
   
   | uture Year   | Cash Flo  | w Commitr   | nents   |  |   
  | Cur  | rent and F  
  | uture Year Cash I  | low Comn  | nitments  | Financed   | I By   | -  |
|          |   | Ward  | Stat.   | Cat.   | 2015  | 2016   
   
  | 2017   
   
   | 2018   | 2019  | Total<br>2015-2019  | Total<br>2020-2024  | Total<br>2015-2024   | Provincial<br>Grants and<br>Subsidies   
  | Federal I<br>Subsidy   | Development<br>Charges  
  | Reserv<br>Reserves Funds   | Capital<br>e from<br>Current  | Other 1   | Other2   |  | le Total<br>Financing  |
|          |   |   |   |  |   |  
   
  |  
   
   |  |   |   |   |  | Cabolaloo   
  |  |   
  |  |   |   |  |  |  |
| 72       | SEWER REHABILITATION-2015 SC  | CW  | S3  | 03   | 8,942   | -4,080   
   
  | -13,600  
   
   | 4,500  | 0   | -4,238  | 0   | -4,238   | 0   
  | 0  | 0   
  | 0 -4,23  | 8 (   | )   | 0 0  | 0  | 0 -4,238   |
| 73       | LATERAL REHAB- 2015 SC  | CW  | S3  | 03   | 271   | 0  
   
  | 0  
   
   | 0  | 0   | 271   | 0   | 271  | 0   
  | 0  | 0   
  | 0 27   | '1 (  | )   | 0 0  | 0  | 0 27   |
|          | Sub-total   |   |   |  | 35,068  | 39,822   
   
  | 36,412   
   
   | 55,800   | 53,665  | 220,767   | 296,159   | 516,926  | 0   
  | 0  | 2,001   
  | 0 514,92   | 25 (  | )   | 0 0  | 0 0  | 0 516,926  |
| S906960  | 0 STREAM RESTORATION & EROSION CO   | <u>NTRC</u>   |   |  |   |  
   
  |  
   
   |  |   |   |   |  |   
  |  |   
  |  |   |   |  |  |  |
| 1        | HIGHLAND CREEK STREAM<br>RESTORATION  | CW  | S2  | 04   | 1,000   | 0  
   
  | 0  
   
   | 0  | 0   | 1,000   | 0   | 1,000  | 0   
  | 0  | 80  
  | 0 92   | 20 (  | )   | 0 0  | 0  | 0 1,000  |
| 5        | 10 Year Stream Restoration - All Districts  | CW  | S6  | 03   | 0   | 0  
   
  | 5,160  
   
   | 5,310  | 10,160  | 20,630  | 54,950  | 75,580   | 0   
  | 0  | 6,082   
  | 0 69,49  | 8 (   | )   | 0 0  | 0  | 0 75,580   |
| 7        | STREAM RESTORATION  | CW  | S2  | 03   | 7,533   | 5,370  
   
  | 2,500  
   
   | 310  | 160   | 15,873  | 790   | 16,663   | 0   
  | 0  | 1,342   
  | 0 15,32  | 1 (   | )   | 0 0  | 0  | 0 16,663   |
| 26       | STREAM RESTORATION-CRITICAL LOCATIONS   | CW  | S2  | 03   | 500   | 0  
   
  | 0  
   
   | 0  | 0   | 500   | 0   | 500  | o   
  | 0  | 0   
  | 0 50   | 0 0   | )   | 0 0  | 0  | 0 500  |
| 27       | HIGHLAND CREEK STREAM<br>RESTORATION - 10 YEAR  | CW  | S6  | 03   | 0   | 0  
   
  | 0  
   
   | 1,000  | 1,000   | 2,000   | 5,000   | 7,000  | o   
  | 0  | 567   
  | 0 6,43   | 3 (   | )   | 0 0  | 0  | 0 7,000  |
| 28       | STREAM RESTORATION CRITICAL<br>LOCAITONS - 10 YR  | CW  | S6  | 03   | 0   | 0  
   
  | 0  
   
   | 500  | 500   | 1,000   | 2,500   | 3,500  | 0   
  | 0  | 280   
  | 0 3,22   | 20 (  | )   | 0 0  | 0  | 0 3,500  |
| 34       | HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC  | CW  | <b>S</b> 3  | 04   | -1,000  | 0  
   
  | 0  
   
   | 0  | 0   | -1,000  | 0   | -1,000   | 0   
  | 0  | -80   
  | 0 -92  | 20 (  | )   | 0 0  | 0  | 0 -1,000   |
| 35       | STREAM RESTORATION - 2015 SC  | CW  | <b>S</b> 3  | 03   | 4,828   | 1,525  
   
  | 2,389  
   
   | 1,716  | 1,655   | 12,113  | -740  | 11,373   | 0   
  | 0  | 914   
  | 0 10,45  | i9 (  | )   | 0 0  | 0  | 0 11,373   |
| 36       | STREAM RESTORATION - CRITICAL<br>LOCATIONS - 2015 SC  | CW  | S3  | 03   | -500  | 0  
   
  | 0  
   
   | 0  | 0   | -500  | 0   | -500   | 0   
  | 0  | 0   
  | 0 -50  | 0 0   | )   | 0 0  | 0  | 0 -500   |
| 37       | WATERCOURSE EROSION CONTROL   | CW  | S6  | 04   | 0   | 0  
   
  | 0  
   
   | 0  | 0   | 0   | 3,000   | 3,000  | 0   
  | 0  | 242   
  | 0 2,75   | 68 (  | )   | 0 0  | 0  | 0 3,000  |
|          | Sub-total   |   |   |  | 12,361  | 6,895  
   
  | 10,049   
   
   | 8,836  | 13,475  | 51,616  | 65,500  | 117,116  | 0   
  | 0  | 9,427   
  | 0 107,68   | 19 (  | )   | 0 0  | 0 0  | 0 117,116  |
| 8906964  | 4 CONVEYANCE CONTROLS - REPLC & R   | EHAB  |   |  |   |  
   
  |  
   
   |  |   |   |   |  |   
  |  |   
  |  |   |   |  |  |  |
| 18       | COATSWORTH CUT - PHASE 1 WATER<br>QUALITY IMP   | CW  | S2  | 04   | 64  | 0  
   
  | 0  
   
   | 0  | 0   | 64  | 0   | 64   | o   
  | 0  | 0   
  | 0 6  | 64 (  | )   | 0 0  | 0  | 0 64   |
| 28       | COATSWORTH CUT PHASE 1 WATER<br>QUALITY IMP-2015 SC   | CW  | S3  | 04   | -20   | 0  
   
  | 0  
   
   | 0  | 0   | -20   | 0   | -20  | 0   
  | 0  | 0   
  | 0 -2   | 20 (  | )   | 0 0  | 0  | 0 -20  |
|          | Sub-total   |   |   |  | 44  | 0  
   
  | 0  
   
   | 0  | 0   | 44  | 0   | 44   | 0   
  | 0  | 0   
  | 0 4  | 4 (   | )   | 0 0  | 0 0  | 0 44   |
| 906966   | 6 SWM TRCA FUNDING  |   |   |  |   |  
   
  |  
   
   |  |   |   |   |  |   
  |  |   
  |  |   |   |  |  |  |
| 8        | 10 Year TRCA Funding  | CW  | S6  | 04   | 0   | 4,171  
   
  | 4,275  
   
   | 4,382  | 4,491   | 17,319  | 24,200  | 41,519   | o   
  | 0  | 3,342   
  | 0 38,17  | 7 (   | )   | 0 0  | 0  | 0 41,519   |
| 18       | TORONTO WATER TRANSFER TO TRCA<br>CAPITAL - 2015 SC   | CW  | S3  | 04   | 4,069   | 0  
   
  | 0  
   
   | 0  | 0   | 4,069   | 0   | 4,069  | 0   
  | 0  | 327   
  | 0 3,74   | 2 (   | )   | 0 0  | 0  | 0 4,069  |
|          | Sub-total   |   |   |  | 4,069   | 4,171  
   
  | 4,275  
   
   | 4,382  | 4,491   | 21,388  | 24,200  | 45,588   | 0   
  | 0  | 3,669   
  | 0 41,9   | 9 (   | )   | 0 0  | 0 0  | 0 45,588   |
| \$906968 | B ENGINEERING   |   |   |  |   |  
   
  |  
   
   |  |   |   |   |  |   
  |  |   
  |  |   |   |  |  |  |
| 2        | CONSULTING FEES   | CW  | S2  | 03   | 5,298   | 5,874  
   
  | 5,912  
   
   | 5,445  | 4,160   | 26,689  | 5,016   | 31,705   | o   
  | 0  | 0   
  | 0 31,70  | 95 (  | )   | 0 0  | 0  | 0 31,70  |
|          | ritySu<br>90695<br>72<br>73<br>9069696<br>1<br>5<br>7<br>26<br>27<br>28<br>34<br>35<br>36<br>37<br>36<br>37<br>36<br>37<br>90696<br>18<br>28<br>906966<br>8<br>18 | ritySubProj No. Sub-project Name<br>906958 SEWER SYSTEM REHABILITATION<br>72 SEWER REHABILITATION-2015 SC<br>73 LATERAL REHAB- 2015 SC<br>500-total<br>906960 STREAM RESTORATION & EROSION CO<br>1 HIGHLAND CREEK STREAM<br>RESTORATION<br>5 10 Year Stream Restoration - All Districts<br>7 STREAM RESTORATION<br>26 STREAM RESTORATION<br>26 STREAM RESTORATION - All DISTREAM<br>7 STREAM RESTORATION CRITICAL<br>LOCATIONS<br>27 HIGHLAND CREEK STREAM<br>RESTORATION - 10 YEAR<br>28 STREAM RESTORATION CRITICAL<br>LOCATIONS - 10 YR<br>34 HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC<br>35 STREAM RESTORATION - 2015 SC<br>36 STREAM RESTORATION - CRITICAL<br>LOCATIONS - 2015 SC<br>37 WATERCOURSE EROSION CONTROL<br>Sub-total<br>906964 CONVEYANCE CONTROLS - REPLC & R<br>18 COATSWORTH CUT - PHASE 1 WATER<br>QUALITY IMP<br>28 COATSWORTH CUT PHASE 1 WATER<br>QUALITY IMP-2015 SC<br>Sub-total<br>906966 SWM TRCA FUNDING<br>8 10 Year TRCA FUNDING<br>8 10 Year TRCA FUNDING<br>18 TORONTO WATER TRANSFER TO TRCA<br>CAPITAL - 2015 SC<br>Sub-total<br>906968 ENGINEERING | InitySubProj No.     Sub-project Name     Ward       906958     SEWER SYSTEM REHABILITATION       72     SEWER REHABILITATION-2015 SC     CW       73     LATERAL REHAB- 2015 SC     CW       906960     STREAM RESTORATION & EROSION CONTRC     1       1     HIGHLAND CREEK STREAM     CW       5     10 Year Stream Restoration - All Districts     CW       7     STREAM RESTORATION     CW       26     STREAM RESTORATION - CRITICAL<br>LOCATIONS     CW       27     HIGHLAND CREEK STREAM<br>RESTORATION - 10 YEAR     CW       28     STREAM RESTORATION CRITICAL<br>LOCATIONS - 10 YR     CW       34     HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC     CW       35     STREAM RESTORATION CRITICAL<br>LOCATIONS - 10 YR     CW       36     STREAM RESTORATION - CRITICAL<br>LOCATIONS - 2015 SC     CW       37     WATERCOURSE EROSION CONTROL     CW       36     STREAM RESTORATION - CRITICAL<br>LOCATIONS - 2015 SC     CW       37     WATERCOURSE EROSION CONTROL     CW       38     COATSWORTH CUT - PHASE 1 WATER     CW       2906966     SWM TRCA FUNDING     8     10 Year TRCA FUNDING       8     10 Year TRCA FUNDING     Sub-total       906966     SUM TRCA FUNDING     CW       18     TORONTO WATER TRANSFER | InitySubProj No.         Sub-project Name         Ward Stat.           906958         SEWER SYSTEM REHABILITATION           72         SEWER REHABILITATION-2015 SC         CW         \$3           73         LATERAL REHAB- 2015 SC         CW         \$3           73         LATERAL REHAB- 2015 SC         CW         \$3           Sub-total           906960         STREAM RESTORATION & EROSION CONTRC           1         HIGHLAND CREEK STREAM<br>RESTORATION         CW         \$2           26         STREAM RESTORATION-CRITICAL<br>LOCATIONS         CW         \$2           27         HIGHLAND CREEK STREAM<br>RESTORATION - 10 YEAR         CW         \$6           28         STREAM RESTORATION CRITICAL<br>LOCATIONS - 10 YR         CW         \$3           34         HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC         CW         \$3           35         STREAM RESTORATION CRITICAL<br>LOCATIONS - 2015 SC         CW         \$3           36         STREAM RESTORATION - CRITICAL<br>LOCATIONS - 2015 SC         CW         \$3           37         WATERCOURSE EROSION CONTROL         CW         \$3           36         STREAM RESTORATION - CRITICAL<br>LOCATIONS - 2015 SC         CW         \$2           37         WATERCOURSE EROSION CONTRO | ritySubProj No.         Sub-project Name         Ward Stat.         Cat.           906955         SEWER SYSTEM REHABILITATION         3         03           72         SEWER REHABILITATION-2015 SC         CW         \$3         03           73         LATERAL REHAB-2015 SC         CW         \$3         03           Sub-total           906960         STREAM RESTORATION & EROSION CONTRC           1         HIGHLAND CREEK STREAM         CW         \$2         04           5         10 Year Stream Restoration - All Districts         CW         \$2         03           26         STREAM RESTORATION-CRITICAL<br>LOCATIONS         CW         \$2         03           27         HIGHLAND CREEK STREAM<br>RESTORATION - 10 YEAR         CW         \$6         03           28         STREAM RESTORATION CRITICAL<br>LOCATIONS - 10 YR         CW         \$6         03           34         HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC         CW         \$3         04           35         STREAM RESTORATION - 2015 SC         CW         \$3         03           36         STREAM RESTORATION - 2015 SC         SW         \$6         04           Sub-total           906966         CONVEYAN | ritySubProj No.         Sub-project Name         Ward Stat. Cat.         2015           300958         SEWER SYSTEM REHABILITATION         3         3         8,942           73         LATERAL REHABILITATION-2015 SC         CW         S3         03         271           Sub-total         35,068           909960         STREAM RESTORATION & EROSION CONTRC         1         1,000           1         HIGHLAND CREEK STREAM         CW         S2         04         1,000           5         10 Year Stream Restoration - All Districts         CW         S2         03         7,533           26         STREAM RESTORATION-CRITICAL<br>LOCATIONS         CW         S2         03         0           27         HIGHLAND CREEK STREAM<br>RESTORATION - 10 YEAR         CW         S6         03         0           28         STREAM RESTORATION CRITICAL<br>LOCATIONS - 10 YR         CW         S6         03         0           34         HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC         CW         S3         04         -1,000           35         STREAM RESTORATION - 2015 SC         CW         S3         03         -500           36         STREAM RESTORATION - 2015 SC         CW         S3         03         -500 </td <td>Project No.         Project Name         Ward Stat.         Cat.         2015         2016           306858         SEWER SYSTEM REHABILITATION         72         SEWER REHABILITATION-2015 SC         CW         S3         03         8,942         -4,080           73         LATERAL REHAB-2015 SC         CW         S3         03         2271         0           Sub-total         35,068         39,822         35,068         39,822           906960         STREAM RESTORATION &amp; EROSION CONTRC         1         1,000         0           1         HIGHLAND CREEK STREAM         CW         S2         04         1,000         0           5         10 Year Stream Restoration - All Districts         CW         S2         03         7,533         5,370           26         STREAM RESTORATION-CRITICAL         CW         S2         03         0         0           27         HIGHLAND CREEK STREAM<br/>RESTORATION - 10 YEAR         CW         S6         03         0         0           28         STREAM RESTORATION CRITICAL<br/>LOCATIONS - 10 YR         CW         S6         03         0         0           34         HIGHLAND CREEK STREAM<br/>RESTORATION - 2015 SC         CW         S3         04         -1,000<!--</td--><td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017           306868         SEWER SYSTEM REHABILITATION         2         4,080         -13,600           73         LATERAL REHAB         2015         SC         CW         S3         03         8,942         -4,080         -13,600           73         LATERAL REHAB         2015         SC         CW         S3         03         271         0         0           306960         STREAM RESTORATION &amp; EROSION CONTRC         35,068         39,822         36,412           906960         STREAM RESTORATION &amp; EROSION CONTRC         1         HIGHLAND CREEK STREAM         CW         S2         04         1,000         0         5,160           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500           26         STREAM RESTORATION CRITICAL         CW         S2         03         500         0         0           27         HIGHLAND CREEK STREAM<br/>RESTORATION - 2015 SC         CW         S3         04         -1,000         0         0           34         HIGHLAND CREEK STREAM<br/>RESTORATION - 2015 SC         CW         S3         04</td><td>Enciect No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018           200350         SEWER SYSTEM REHABILITATION         2005         2016         2017         2018           200350         SEWER SYSTEM REHABILITATION         33,003         8,942         4,080         -13,600         4,500           73         LATERAL REHAB-2015 SC         CW         S3         03         2271         0         0         0           906960         STREAM RESTORATION &amp; EROSION CONTRC         35,068         39,822         36,412         55,600           907         Variantion         CW         S2         04         1,000         0         0         0           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500         310           26         STREAM RESTORATION-CRITICAL         CW         S2         03         0</td><td>Project No.         Project Name<br/>mitySubProj No.         Ward Stat. Cat.         2015         2016         2017         2018         2019           306958         SEWER SYSTEM REHABILITATION         2015         2016         2017         2018         2019           72         SEWER REHABILITATION-2015 SC         CW         S3         03         271         0         0         0         0           73         LATERAL REHAB-2015 SC         CW         S3         03         271         0</td><td>P. Poliect Name<br/>ritySubProj No. Sub-project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         2015-201           200589         SEWER SYSTEM REHABILITATION         30         8,942         -4,080         -13,600         4,500         0         -4,238           73         LATERAL REHAB-2015 SC         CW         S3         03         271         0         0         0         0         0         20,662           300600         STREAM RESTORATION 2015 SC         CW         S3         03         271         0         0         0         0         0         20,767           300600         STREAM RESTORATION 5 &amp; EROSION CONTRC         35,068         39,822         36,412         55,000         53,066         20,767           1         HIGHLAND CREEK STREAM<br/>RESTORATION         CW         S2         04         1,000         0         0         0         0         0         10,060         20,630           7         STREAM RESTORATION - CRITICAL<br/>LOCATIONS         CW         S2         03         7,533         5,370         2,500         310         1,600         1,000         1,000         1,000         1,000         1,000         1,000         1,000</td><td>Initial intermine         Wand Stat. Cat.         2016         2017         2018         2019         2015-2019         2009-2024           3005055         SEWER SYSTEM REHABILITATION         7         2018         2019         2016         2017         2018         2019         2015-2019         2009-2024           3005055         SEWER SYSTEM REHABILITATION         7         2         Sewer REHABILITATION-2015 SC         CW         S3         03         271         0         0         0         0         220,767         296,169           3005005         STREAM RESTORATION &amp; EROSION CONTRC         35,068         39,822         36,412         55,800         53,666         220,767         296,169           7         STREAM RESTORATION         CW         S2         04         1,000         0         0         0         10,600         0           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500         1,600         20,800         5,4950           7         STREAM RESTORATION-CRITICAL         CW         S2         03         600         0         0         0         0         0         0         0         0         0         0</td><td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018</td><td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         Total         Tota</td><td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         2019-2019         2010-2019<td>Project No.         Project Name         Ward Stat. Cat         2015         2016         2017         2018         2018         2019         2015-2019         2015-2019         2015-2019         2015-2019         Province II         Province III         Province IIII         Province IIII         Province IIIII         Province IIIIII         Province IIIIIII         Province IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>Project No.         Project Name         Work Strut. Co.         2015         2016         2017         2018         2019         2019         Total         Total         Provincity         Provincity</td><td>c priorit Num. Project Name         Ward State Cat         2015         2015         2017         2018         2019</td><td>Protect No.         Protect Name         Wate State         Value         Valu</td><td>E. Explicit Num.         Wais Start, Col.         Wais Start, Col.         Value         Unit         Unit         Total         Total</td><td>Explicit No.         Explicit Name         Varied Burley         Control         Total         &lt;</td></td></td> | Project No.         Project Name         Ward Stat.         Cat.         2015         2016           306858         SEWER SYSTEM REHABILITATION         72         SEWER REHABILITATION-2015 SC         CW         S3         03         8,942         -4,080           73         LATERAL REHAB-2015 SC         CW         S3         03         2271         0           Sub-total         35,068         39,822         35,068         39,822           906960         STREAM RESTORATION & EROSION CONTRC         1         1,000         0           1         HIGHLAND CREEK STREAM         CW         S2         04         1,000         0           5         10 Year Stream Restoration - All Districts         CW         S2         03         7,533         5,370           26         STREAM RESTORATION-CRITICAL         CW         S2         03         0         0           27         HIGHLAND CREEK STREAM<br>RESTORATION - 10 YEAR         CW         S6         03         0         0           28         STREAM RESTORATION CRITICAL<br>LOCATIONS - 10 YR         CW         S6         03         0         0           34         HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC         CW         S3         04         -1,000 </td <td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017           306868         SEWER SYSTEM REHABILITATION         2         4,080         -13,600           73         LATERAL REHAB         2015         SC         CW         S3         03         8,942         -4,080         -13,600           73         LATERAL REHAB         2015         SC         CW         S3         03         271         0         0           306960         STREAM RESTORATION &amp; EROSION CONTRC         35,068         39,822         36,412           906960         STREAM RESTORATION &amp; EROSION CONTRC         1         HIGHLAND CREEK STREAM         CW         S2         04         1,000         0         5,160           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500           26         STREAM RESTORATION CRITICAL         CW         S2         03         500         0         0           27         HIGHLAND CREEK STREAM<br/>RESTORATION - 2015 SC         CW         S3         04         -1,000         0         0           34         HIGHLAND CREEK STREAM<br/>RESTORATION - 2015 SC         CW         S3         04</td> <td>Enciect No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018           200350         SEWER SYSTEM REHABILITATION         2005         2016         2017         2018           200350         SEWER SYSTEM REHABILITATION         33,003         8,942         4,080         -13,600         4,500           73         LATERAL REHAB-2015 SC         CW         S3         03         2271         0         0         0           906960         STREAM RESTORATION &amp; EROSION CONTRC         35,068         39,822         36,412         55,600           907         Variantion         CW         S2         04         1,000         0         0         0           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500         310           26         STREAM RESTORATION-CRITICAL         CW         S2         03         0</td> <td>Project No.         Project Name<br/>mitySubProj No.         Ward Stat. Cat.         2015         2016         2017         2018         2019           306958         SEWER SYSTEM REHABILITATION         2015         2016         2017         2018         2019           72         SEWER REHABILITATION-2015 SC         CW         S3         03         271         0         0         0         0           73         LATERAL REHAB-2015 SC         CW         S3         03         271         0</td> <td>P. Poliect Name<br/>ritySubProj No. Sub-project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         2015-201           200589         SEWER SYSTEM REHABILITATION         30         8,942         -4,080         -13,600         4,500         0         -4,238           73         LATERAL REHAB-2015 SC         CW         S3         03         271         0         0         0         0         0         20,662           300600         STREAM RESTORATION 2015 SC         CW         S3         03         271         0         0         0         0         0         20,767           300600         STREAM RESTORATION 5 &amp; EROSION CONTRC         35,068         39,822         36,412         55,000         53,066         20,767           1         HIGHLAND CREEK STREAM<br/>RESTORATION         CW         S2         04         1,000         0         0         0         0         0         10,060         20,630           7         STREAM RESTORATION - CRITICAL<br/>LOCATIONS         CW         S2         03         7,533         5,370         2,500         310         1,600         1,000         1,000         1,000         1,000         1,000         1,000         1,000</td> <td>Initial intermine         Wand Stat. Cat.         2016         2017         2018         2019         2015-2019         2009-2024           3005055         SEWER SYSTEM REHABILITATION         7         2018         2019         2016         2017         2018         2019         2015-2019         2009-2024           3005055         SEWER SYSTEM REHABILITATION         7         2         Sewer REHABILITATION-2015 SC         CW         S3         03         271         0         0         0         0         220,767         296,169           3005005         STREAM RESTORATION &amp; EROSION CONTRC         35,068         39,822         36,412         55,800         53,666         220,767         296,169           7         STREAM RESTORATION         CW         S2         04         1,000         0         0         0         10,600         0           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500         1,600         20,800         5,4950           7         STREAM RESTORATION-CRITICAL         CW         S2         03         600         0         0         0         0         0         0         0         0         0         0</td> <td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018</td> <td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         Total         Tota</td> <td>Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         2019-2019         2010-2019<td>Project No.         Project Name         Ward Stat. Cat         2015         2016         2017         2018         2018         2019         2015-2019         2015-2019         2015-2019         2015-2019         Province II         Province III         Province IIII         Province IIII         Province IIIII         Province IIIIII         Province IIIIIII         Province IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>Project No.         Project Name         Work Strut. Co.         2015         2016         2017         2018         2019         2019         Total         Total         Provincity         Provincity</td><td>c priorit Num. Project Name         Ward State Cat         2015         2015         2017         2018         2019</td><td>Protect No.         Protect Name         Wate State         Value         Valu</td><td>E. Explicit Num.         Wais Start, Col.         Wais Start, Col.         Value         Unit         Unit         Total         Total</td><td>Explicit No.         Explicit Name         Varied Burley         Control         Total         &lt;</td></td> | Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017           306868         SEWER SYSTEM REHABILITATION         2         4,080         -13,600           73         LATERAL REHAB         2015         SC         CW         S3         03         8,942         -4,080         -13,600           73         LATERAL REHAB         2015         SC         CW         S3         03         271         0         0           306960         STREAM RESTORATION & EROSION CONTRC         35,068         39,822         36,412           906960         STREAM RESTORATION & EROSION CONTRC         1         HIGHLAND CREEK STREAM         CW         S2         04         1,000         0         5,160           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500           26         STREAM RESTORATION CRITICAL         CW         S2         03         500         0         0           27         HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC         CW         S3         04         -1,000         0         0           34         HIGHLAND CREEK STREAM<br>RESTORATION - 2015 SC         CW         S3         04 | Enciect No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018           200350         SEWER SYSTEM REHABILITATION         2005         2016         2017         2018           200350         SEWER SYSTEM REHABILITATION         33,003         8,942         4,080         -13,600         4,500           73         LATERAL REHAB-2015 SC         CW         S3         03         2271         0         0         0           906960         STREAM RESTORATION & EROSION CONTRC         35,068         39,822         36,412         55,600           907         Variantion         CW         S2         04         1,000         0         0         0           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500         310           26         STREAM RESTORATION-CRITICAL         CW         S2         03         0 | Project No.         Project Name<br>mitySubProj No.         Ward Stat. Cat.         2015         2016         2017         2018         2019           306958         SEWER SYSTEM REHABILITATION         2015         2016         2017         2018         2019           72         SEWER REHABILITATION-2015 SC         CW         S3         03         271         0         0         0         0           73         LATERAL REHAB-2015 SC         CW         S3         03         271         0 | P. Poliect Name<br>ritySubProj No. Sub-project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         2015-201           200589         SEWER SYSTEM REHABILITATION         30         8,942         -4,080         -13,600         4,500         0         -4,238           73         LATERAL REHAB-2015 SC         CW         S3         03         271         0         0         0         0         0         20,662           300600         STREAM RESTORATION 2015 SC         CW         S3         03         271         0         0         0         0         0         20,767           300600         STREAM RESTORATION 5 & EROSION CONTRC         35,068         39,822         36,412         55,000         53,066         20,767           1         HIGHLAND CREEK STREAM<br>RESTORATION         CW         S2         04         1,000         0         0         0         0         0         10,060         20,630           7         STREAM RESTORATION - CRITICAL<br>LOCATIONS         CW         S2         03         7,533         5,370         2,500         310         1,600         1,000         1,000         1,000         1,000         1,000         1,000         1,000 | Initial intermine         Wand Stat. Cat.         2016         2017         2018         2019         2015-2019         2009-2024           3005055         SEWER SYSTEM REHABILITATION         7         2018         2019         2016         2017         2018         2019         2015-2019         2009-2024           3005055         SEWER SYSTEM REHABILITATION         7         2         Sewer REHABILITATION-2015 SC         CW         S3         03         271         0         0         0         0         220,767         296,169           3005005         STREAM RESTORATION & EROSION CONTRC         35,068         39,822         36,412         55,800         53,666         220,767         296,169           7         STREAM RESTORATION         CW         S2         04         1,000         0         0         0         10,600         0           7         STREAM RESTORATION         CW         S2         03         7,533         5,370         2,500         1,600         20,800         5,4950           7         STREAM RESTORATION-CRITICAL         CW         S2         03         600         0         0         0         0         0         0         0         0         0         0 | Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018 | Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         Total         Tota | Project No.         Project Name         Ward Stat. Cat.         2015         2016         2017         2018         2019         2019-2019         2010-2019 <td>Project No.         Project Name         Ward Stat. Cat         2015         2016         2017         2018         2018         2019         2015-2019         2015-2019         2015-2019         2015-2019         Province II         Province III         Province IIII         Province IIII         Province IIIII         Province IIIIII         Province IIIIIII         Province IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td> <td>Project No.         Project Name         Work Strut. Co.         2015         2016         2017         2018         2019         2019         Total         Total         Provincity         Provincity</td> <td>c priorit Num. Project Name         Ward State Cat         2015         2015         2017         2018         2019</td> <td>Protect No.         Protect Name         Wate State         Value         Valu</td> <td>E. Explicit Num.         Wais Start, Col.         Wais Start, Col.         Value         Unit         Unit         Total         Total</td> <td>Explicit No.         Explicit Name         Varied Burley         Control         Total         &lt;</td> | Project No.         Project Name         Ward Stat. Cat         2015         2016         2017         2018         2018         2019         2015-2019         2015-2019         2015-2019         2015-2019         Province II         Province III         Province IIII         Province IIII         Province IIIII         Province IIIIII         Province IIIIIII         Province IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | Project No.         Project Name         Work Strut. Co.         2015         2016         2017         2018         2019         2019         Total         Total         Provincity         Provincity | c priorit Num. Project Name         Ward State Cat         2015         2015         2017         2018         2019 | Protect No.         Protect Name         Wate State         Value         Valu | E. Explicit Num.         Wais Start, Col.         Wais Start, Col.         Value         Unit         Unit         Total         Total | Explicit No.         Explicit Name         Varied Burley         Control         Total         < |

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

						Curr	ent and Fu	iture Year	Cash Flov	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Comm	nitments	Finance	d By		
	roject No. <u>Project Name</u> 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 I Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2		Debt - Recoverabl ot	e Total Financing
WAS9069	68 ENGINEERING																						
0 54	ROAD RESTORATION - 2015 SC	CW	S3	03	1,400	1,249	0	0	0	2,649	0	2,649	0	0	0	0	2,649	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	0	0	0	0	-7,209	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	0	0	0	0	12,199	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
WAS9069	73 SEWER REPLACEMENT PROGRAM																						
03	10 Year Sewer Replacement	CW	S6	03	0	25,000	35,000	40,000	45,000	145,000	270,000	415,000	0	0	16,699	0	398,301	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	0	0	0	0	1,662	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	0	0	0	0	2,122	0	) (	0	0	0 0	2,122
0 35	SEWER REPLACMENT - 2013 PROGRAM	N CW	S2	03	3,204	0	0	0	0	3,204	0	3,204	0	0	259	0	2,945	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	0	0	0	0	15,580	0	) (	0	0	0 0	15,580
0 37	FORCEMENT REPLACEMENT - 10 YEAF			03	0	500	2,000	2,000	2,000	6,500	10,000	16,500	0	0		0	16,500	0			0	0 0	16,500
0 44	COXWELL TRUNK EMERGENCY REPAIR			03	1,559	0	0	0	0	1,559	0	1,559	0			0	1,559	0		-	0	0 0	0 1,559
0 46	WATERFRONT STORMWATER INFRASTRUCTURE		S2		2,750	0	0	0	0	2,750	0	2,750	0	0		0	1,206	0		-	0	0 (	2,750
0 47	WATERFRONT SANITARY SERVICING INFRASTRUCTURE			04	3,561	0	0	0	0	3,561	0	3,561	0			0	1,237	0		-	0	0 0	3,561
0 52	SEWER REPLACEMENT - METROLINX			03	2,245	1,608	1,096	603	0	5,552	0	5,552	0	0		0	5,552	0		-	0	0 (	5,552
0 59	FORCEMAIN REPLACEMENT - 2015 SC	CW		03	-1,000	1,505	5	0	0	510	0	510	0			0	510	0		-	0	0 (	510
0 60	SEWER REPLC - 2014 PROGRAM - 2015 SC			03	-3,593	104	0	0	0	-3,489	0	-3,489	0	0		0	-3,489	0			0	0 0	-3,489
0 61	SEWER REPLACEMENT - METROLINX - 2015 SC			03	-2,188	-1,551	804	1,297	1,786	148	0	148	0			0	148	0			0	0 0	148
0 62	SEWER REPLC - 2015 PROGRAM		S4	03	10,635	6,732	5,491	0	0	22,858	0	22,858	0			0	21,018	0		-	0	0 0	22,858
0 63	2012 SEWER REPLC-2015 SC			03	-803	1,279	0	0	0	476	0	476	0	0	0	0	476	0		-	0	0 0	476
0 64	2013 SEWER REPLC-2015 SC	CW		03	-1,844	517	0	0	0	-1,327	0	-1,327	0		-108	0	-1,219	0		-	0	0 0	-1,327
0 65	WATERFRONT STORMWATER INFRASTRUCTURE - 2015 SC			04	6,500	4,000	0	0	0	10,500	0	10,500	0	0	,	0	3,379	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

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

							Curre	ent and Fi	iture Year	Cash Flo	w Commit	nents			Cur	rent and F	uture Vear	Cash Flo	w Comm	itmonte	Financed	Bv		
							Guile			0001110					Cui		ature redi	Juan FIU		anema	manceu	,		
<u>Sub</u> Pric		<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 Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recove Debt	rable	Total Financing
WAS	906973	SEWER REPLACEMENT PROGRAM																						
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	-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	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	0	0	2	0	23	(	) (	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	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	-1,887
0	37	MEDIATION AGREEMENT IMPLEMENTATION- 2015 SC	CW	S3	04	-25	0	0	0	0	-25	0	-25	o	0	-2	0	-23	(	) (	) 0	0	0	-25
		Sub-total				810	510	1,049	0	0	2,369	0 0	2,369	0	0	190	0	2,179	(	) (	) 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	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	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	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	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	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	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	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	1,076
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	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	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	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	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	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	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	1,110

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 3 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

							Curr	ent and Fu	iture Year	Cash Flov	w Commitn	nents			Cur	rrent and F	uture Year (	Cash Flo	w Comm	itments	Financed	ΙВу		
<u>Sub-</u> Priorit	<u>Project I</u> tySubProj	<u>No. Project Name</u> j 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	Re	Debt - coverable	Total Financing
WAS90	06981 HIG	HLAND CREEK WWTP UPGRADES																						
0 9		DCESS IMPROVEMENTS (ROADMAP R RCM)	CW	S4	03	50	150	50	0	0	250	0	250	o	0	C	0	250	0	(	0 0	(	) 0	250
09		DCESS, EQUIPMENT, FACILITY GRADES	CW	S4	03	555	735	125	0	0	1,415	0	1,415	o	0	C	0	1,415	0	(	0 0	(	) 0	1,415
09		NT WIDE CONCRETE TUNNEL PAIR	CW	S4	03	600	2,650	4,150	3,600	1,400	12,400	0	12,400	o	0	C	0	12,400	0	(	0 0	(	) 0	12,400
09	94 PRC	DCESS & FACILITY UPGRADE-2015 S	C CW	S3	04	8	787	340	55	107	1,297	509	1,806	0	0	C	0	1,806	0	(	0 0	(	) 0	1,806
0 9		SOLIDS TREATMENT UPGRADES 15 SC	CW	S3	03	-530	-2,260	-13,986	-9,030	90	-25,716	70	-25,646	o	0	-2,073	0	-23,573	0	(	0 0	(	) 0	-25,646
0 9		CH & ELECTRICAL UPGRADE GINEERING-2015 SC	CW	S3	03	-1,299	1,521	45	0	0	267	0	267	o	0	C	0	267	0	(	0 0	(	0 0	267
0 9		EC SYSTEM UPGRADES - NSTR-2015 SC	CW	S3	03	-776	1,383	0	0	0	607	0	607	0	0	C	0	607	0	(	0 0	(	0 0	607
0 9		ESTER GAS SYSTEM GRADES-2015 SC	CW	S3	03	-710	-375	-80	-40	0	-1,205	0	-1,205	o	0	C	0	-1,205	0	(	0 0	(	) 0	-1,205
0 9	99 ELE	ECTRICAL UPGRADES - ECAR-2015 S	SC CW	S3	03	63	-556	0	0	0	-493	0	-493	o	0	C	0	-493	0	(	0 0	(	) 0	-493
0 1		NT FIRM CAPACITY - CONCEPT SIGN-2015 SC	CW	S3	03	0	25	0	0	0	25	0	25	o	0	C	0	25	0	(	0 0	(	0 0	25
0 1		RATION SYSTEM AND ASSOCIATED LDING UPGRADES	CW	S6	04	0	2,500	3,500	3,500	3,500	13,000	6,500	19,500	0	0	C	0	19,500	0	(	0 0	(	) 0	19,500
0 1	102 LIQI	UID TRAIN - ENGINEERING	CW	S4	03	200	4,100	5,500	6,500	8,600	24,900	15,480	40,380	0	0	C	0	40,380	0	(	0 0	(	) 0	40,380
0 1	103 LIQI	UID TRAIN - CONSTRUCTION	CW	S6	04	0	0	0	0	10,000	10,000	96,000	106,000	0	0	C	0	106,000	0	(	0 0	(	) 0	106,000
0 1		DCESS & FACILITY UPGRADE - FURE	CW	S6	03	0	0	0	250	250	500	1,250	1,750	0	0	C	0	1,750	0	(	0 0	(	) 0	1,750
0 1	105 LIQI	UID TRAIN REPAIRS - PHASE 2	CW	S6	03	0	0	0	0	0	0	34,700	34,700	0	0	C	0	34,700	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	311,289
WAS90	06982 HUN	MBER WWTP UPGRADES																						
0 2	2 Chlo	orine Building Upgrade	CW	S2	01	3,066	25	25	0	0	3,116	0	3,116	0	0	C	0	3,116	0	(	0 0	(	) 0	3,116
0 5	5 FLO	OOD PROTECTION	CW	S2	02	250	0	0	0	0	250	0	250	о	0	C	0	250	0	(	0 0	(	) 0	250
ο 6	6 NEV	N SUBSTATION	CW	S2	03	2,080	3,015	0	0	0	5,095	0	5,095	0	0	C	0	5,095	0	(	0 0	(	) 0	5,095
07		ECTRICAL CONDITION ASSESSMENT COMMENDATIONS	CW	S2	01	2,129	3,525	2,425	2,250	1,750	12,079	1,750	13,829	o	0	C	0	13,829	0	(	0 0	(	) 0	13,829
08		N GROUNDSKEEPING BUILDING and S Control Room	CW	S2	01	350	0	0	0	0	350	0	350	0	0	C	0	350	0	(	0 0		) 0	350
0 2	29 ADN	MIN BUILDING EXPANSION	CW	S2	04	350	400	0	0	0	750	0	750	0	0	C	0	750	0	(	0 0	(	) 0	750
0 5	52 HVA	AC UPGRADES	CW	S2	03	3,950	1,620	20	10	0	5,600	0	5,600	0	0	C	0	5,600	0	(	0 0	(	) 0	5,600
													ļ											•

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

Capital Tetal Tetal Capital Debt			<u> </u>																						
Ball         Endial Links         Product Mark							Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By									
NUMERANCENU				Ward	Stat.	Cat.	2015	2016	2017	2018	2019				Grants and	Federal Subsidy	Development Charges	Reserves F	eserve unds	from	Other 1	Other2		Recoverable	<ul> <li>Total</li> <li>Financing</li> </ul>
v       7.7       ADMINAULURGE EXPANSION 2019 SC       0.4	WAS90	6982 HUMBE	R WWTP UPGRADES																						
No.       N	06	8 ADMIN	BUILDING EXPANSION	CW	S6	04	0	0	0	0	3,075	3,075	5,380	8,455	o	0	0	0	8,455	0	) (	) C	)	0 0	8,455
No.       N	0 7	3 ADMIN	BUILDING EXPANSION - 2015 SC	CW	S3	04	-250	-150	300	100	260	260	310	570	C	0	0	0	570	0	) (	) C	)	0 0	570
No.       N	0 7	4 HVAC U	PGRADES - 2015 SC	CW	S3	03	-3,400	3,064	3,337	8	3	3,012	0	3,012	C	0	0	0	3,012	0	) (	) C	I	0 0	3,012
0       7       Electrical condition Assessment       6       1.66       2.57       2.58       660       7.60       7.60       7.60       7.60       7.60       7.60       7.60       7.70 <t< td=""><td>0 7</td><td>5 HYDRAI</td><td>ULIC ASSESSMENT</td><td>CW</td><td>S4</td><td>03</td><td>50</td><td>200</td><td>0</td><td>0</td><td>0</td><td>250</td><td>0</td><td>250</td><td>o</td><td>0</td><td>0</td><td>0</td><td>250</td><td>0</td><td>) (</td><td>) C</td><td>i</td><td>0 0</td><td>250</td></t<>	0 7	5 HYDRAI	ULIC ASSESSMENT	CW	S4	03	50	200	0	0	0	250	0	250	o	0	0	0	250	0	) (	) C	i	0 0	250
- zorts SC         - zorts SC         CW         SC         CU         CU         CU         SC         CU         CU <td>0 7</td> <td>6 CHLOR</td> <td>INE FACILITY UPGRADE-2015 SC</td> <td>CW</td> <td>S3</td> <td>01</td> <td>-19</td> <td>914</td> <td>9</td> <td>0</td> <td>0</td> <td>904</td> <td>0</td> <td>904</td> <td>o</td> <td>0</td> <td>0</td> <td>0</td> <td>904</td> <td>0</td> <td>) (</td> <td>) C</td> <td>i</td> <td>0 0</td> <td>904</td>	0 7	6 CHLOR	INE FACILITY UPGRADE-2015 SC	CW	S3	01	-19	914	9	0	0	904	0	904	o	0	0	0	904	0	) (	) C	i	0 0	904
NEW GROUNDSKEEPING BUILDING-015 CK       S.       M.         0       80       BESTER CLEANING AREHAB       CV       8       0 <td>0 7</td> <td></td> <td></td> <td>CW</td> <td>S3</td> <td>01</td> <td>-1,057</td> <td>-2,357</td> <td>2,518</td> <td>650</td> <td>-750</td> <td>-996</td> <td>-1,750</td> <td>-2,746</td> <td>o</td> <td>0</td> <td>0</td> <td>0</td> <td>-2,746</td> <td>0</td> <td>) (</td> <td>) C</td> <td>I</td> <td>0 0</td> <td>-2,746</td>	0 7			CW	S3	01	-1,057	-2,357	2,518	650	-750	-996	-1,750	-2,746	o	0	0	0	-2,746	0	) (	) C	I	0 0	-2,746
SC         Inclusion of the state of t	0 7	8 NEW SU	JBSTATION-2015 SC	CW	S3	03	668	-2,536	3	0	0	-1,865	0	-1,865	o	0	0	0	-1,865	0	) (	) C	i	0 0	-1,865
Normal	0 7		ROUNDSKEEPING BUILDING-201	5 CW	S3	01	850	227	0	0	0	1,077	0	1,077	o	0	0	0	1,077	0	) (	) C	i	0 0	1,077
No.       N	08	0 FLOOD	PROTECTION-2015 SC	CW	S3	02	-250	0	0	0	0	-250	0	-250	o	0	0	0	-250	0	) (	) C	i	0 0	-250
0       83       Electrical UPGRADES - FUTURE       CW S6       01       0550       900       500       400       2.350       2.850       00       0       2.850       0       0       2.850       0       0       2.850       0       0       2.850       0       0       2.850       0       0       2.850       0       0       2.850       0       0       2.850       0	08	1 BLOWE	R REPLACEMENT	CW	S6	03	0	100	200	750	4,700	5,750	12,700	18,450	o	0	0	0	18,450	0	) (	) C	i	0 0	18,450
No.       N	08	2 DIGEST	ERS CLEANING REHAB	CW	S6	03	0	0	410	825	825	2,060	2,050	4,110	o	0	0	0	4,110	0	) (	) C	i	0 0	4,110
FUTURE	08	3 ELECTR	RICAL UPGRADES - FUTURE	CW	S6	01	0	550	900	500	400	2,350	500	2,850	o	0	0	0	2,850	0	) (	) C	i	0 0	2,850
2015 SC       Sub-total       Image: Sub-total       Sub-total<	08			CW	S6	03	0	0	0	0	0	0	3,075	3,075	C	0	0	0	3,075	0	) (	) C	i	0 0	3,075
WARSHORD       HIGHLAND CREEK WYTP - SOLIDS & GAS HAF       Image: Construction of the constructi	08			CW	S3	03	370	60	10	0	0	440	0	440	C	0	0	0	440	0	) (	) C	į	0 0	440
0       1       HCTP BIOSOLIDS IMPLEMENTATION-       CW       S2       04       4,000       3,000       3,000       3,000       2,000       15,000       560       15,800       0       1,270       0       14,530       0       0       0       0       0       1,270       0       14,530       0			Sub-total				9,137	8,657	10,157	5,093	10,263	43,307	24,015	67,322	0	0	0	0	67,322	0	) (	) (	)	0 0	67,322
ENGINEERING	WAS90	6994 HIGHLA	ND CREEK WWTP - SOLIDS & G	AS HA																					
CONSTR       CONSTR       CONSTR       CONSTR       CONSTRUCTION       CW       S6       04       0       1,000       25,000       40,000       66,000       68,000       134,000       0       5,392       0       128,608       0 </td <td>0 1</td> <td></td> <td></td> <td>CW</td> <td>S2</td> <td>04</td> <td>4,300</td> <td>3,000</td> <td>3,000</td> <td>3,000</td> <td>2,000</td> <td>15,300</td> <td>500</td> <td>15,800</td> <td>o</td> <td>0</td> <td>1,270</td> <td>0</td> <td>14,530</td> <td>0</td> <td>) (</td> <td>) C</td> <td>)</td> <td>0 0</td> <td>15,800</td>	0 1			CW	S2	04	4,300	3,000	3,000	3,000	2,000	15,300	500	15,800	o	0	1,270	0	14,530	0	) (	) C	)	0 0	15,800
VARSULTION       CONSTRUCTION       C	03			CW	S2	03	3,000	4,047	0	0	0	7,047	0	7,047	C	0	568	0	6,479	0	) (	) C	)	0 0	7,047
IMPLEMENTATION - 2015 SC       Implementation	08			CW	S6	04	0	0	1,000	25,000	40,000	66,000	68,000	134,000	C	0	5,392	0 1	28,608	0	) (	) C	I	0 0	134,000
Sub-total       Image: Constraint of the system of the syste	0 1			CW	S3	04	-3,654	100	1,050	-1,500	1,000	-3,004	4,000	996	o	0	81	0	915	0	) (	) C	i	0 0	996
WAS907038     Land Acquisition for Source Water Protect     Image: Constraint of the second s	0 1	4 WAS TH	IICKENING - CONSTR-2015 SC	CW	S3	03	-2,900	-47	0	0	0	-2,947	0	-2,947	o	0	-238	0	-2,709	0	) (	) C	i	0 0	-2,947
			Sub-total				746	7,100	5,050	26,500	43,000	82,396	72,500	154,896	0	0	7,073	0 1	47,823	0	) (	) (	)	0 0	154,896
0 9 TRCA CRITICAL EROSION - FUTRE CW S6 04 0 2,000 2,000 2,000 2,000 8,000 10,000 18,000 0 0 1,449 0 16,551 0 0 0 0	WAS90	7038 Land Ac	quisition for Source Water Protect				Ι Τ																		
	09	TRCA C	RITICAL EROSION - FUTRE	CW	S6	04	0	2,000	2,000	2,000	2,000	8,000	10,000	18,000	C	0	1,449	0	16,551	C	) (	) C	J	0 0	18,000

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

						Current and Future Year Cash Flow Commitments								Current and Future Year Cash Flow Commitments Financed By									
<u>Sub</u> Pric	_	<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 [ Subsidy	Development Charges	Res Reserves Fu	Capit erve from nds Curre	I	1 Othe	er2 D	Debt - Recoverabl	<sup>e</sup> Total Financing
WAS907038 Land Acquisition for Source Water Protect																							
0	13	TRCA - CRITICAL EROSION SITES	CW	S2	04	7,000	0	0	0	0	7,000	0	7,000	o	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	C	0	1,744	0 19	9,923	0	0 43,3	333	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	4,410	0	0 43,	333	0	0 91,500
WAS	907097	ASHBRIDGES BAY WWTP - BUILDING S	ERVIC																				
0	7	CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEMENT	32	S2	02	270	0	0	0	0	270	0	270	O	0	0	0	270	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	o	0	0	0 8	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 9	5,512	0	0	0	0 (	5,512
0	40	GROVE LANDSCAPING PH1	CW	S6	04	0	0	0	0	0	0	2,000	2,000	o	0	0	0 2	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	o	0	0	0 -3	3,650	0	0	0	0 (	-3,650
0	52	CONTROLLED SUBSTANCE IDENTIFICATION&ABATEMENT - FY	CW	S6	03	0	0	100	100	100	300	500	800	C	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	O	0	0	0	3	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	2,965	0	0	0	0	0 12,965
WAS907098 ASHBRIDGES BAY WWTP - EFFLUENT SYSTE																							
0	1	ABTP DISINFECTION ENGINEERING	CW	S2	02	1,899	3,500	4,410	1,610	889	12,308	250	12,558	C	0	1,012	0 1	1,546	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	o	0	13,158	0 313	3,842	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	0,621	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	o	0	7,464	0 178	8,036	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	C	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 53	5,436	0	0	0	0	0 559,869	
WAS907099 ASHBRIDGES BAY WWTP - LIQUID TREATMEN																						<u></u> †−−−	
0	1	FINE BUBBLE AERATION IMPLEMENTATION	CW	S2	03	9,500	8,000	0	0	0	17,500	0	17,500	O	0	1,409	0 10	6,091	0	0	0	0 (	17,500

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Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

		<b>J</b>																				
							Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rent and F	uture Year Cash	Flow Comn	nitments	Financed	Ву	
	<u>Project No.</u> /SubProj No.	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 I Subsidy	Development Charges	Reserves Funds	Capital ve from s Current	Other 1	Other2	Debt - Recoverabl Debt	e Total Financing
WAS907	099 ASHBRI	DGES BAY WWTP - LIQUID TREA	TMEN																			
0 2		Y TREATMENT UPGRADE - & CONST CONT #2	CW	S6	04	0	0	0	0	100	100	61,000	61,100	c	0	2,458	0 58,6	42 (	0	0 0	0	0 61,100
03	PRIMAR #1	Y TREATMENT UPGRADE CONT	CW	S2	03	25,175	29,500	33,500	28,000	0	116,175	0	116,175	C	0	9,336	0 106,8	39 (	0	0 0	0	0 116,17
0 5	FINE BU CONT#2	IBBLE AERATION CONSTR	CW	S6	03	0	0	200	1,000	10,000	11,200	129,000	140,200	o	0	5,641	0 134,5	59 (	0	0 0	0	0 140,200
0 6	M & T PL REPAIRS	JMPING STATION CRITICAL S	CW	S2	03	5,250	2,670	0	0	0	7,920	0	7,920	C	0	0	0 7,9	20 (	0	0 0	0	0 7,920
0 7	Primary a	and Secondary Tanks Rehabilitatio	n CW	S2	03	1,900	600	0	0	0	2,500	0	2,500	C	0	201	0 2,2	99 (	0	0 0	0	0 2,50
0 10	0 INTERGI ENGINE	RATED PUMPING STATION - ERING	CW	S2	03	4,500	7,050	7,050	7,000	6,500	32,100	14,733	46,833	C	0	0	0 46,8	33 (	D	0 0	0	0 46,833
0 12	2 WORK A	AREA 1 REHAB	CW	S2	03	2	0	0	0	0	2	0	2	C	0	0	0	2 (	0	0 0	0	: כ
0 39		ATED PUMPING STATION - RUCTION	CW	S2	03	0	10,000	35,000	45,000	45,000	135,000	190,000	325,000	C	0	0	0 325,0	00 (	0	0 0	0	0 325,000
0 57	7 INTEGRA ENG - 20	ATED PUMPING STATION (IPS) - 015 SC	CW	S3	03	-1,550	-2,400	-2,000	-1,000	-500	-7,450	5,267	-2,183	C	0	0	0 -2,1	83 (	0	0 0	0	0 -2,18
0 58	B WORK A	AREA 1 REHAB - 2015 SC	CW	S3	03	0	2	0	0	0	2	0	2	C	0	0	0	2 (	0	0 0	0	. C
0 59	9 Primary a	and Final Tank Upgrades - 2015 S	c cw	S3	03	1,000	-5	0	0	0	995	0	995	O	0	81	0 9	14 (	D	0 0	0 0	0 99
0 60		JMPING STATION CRITICAL S - 2015 SC	CW	S3	03	-1,050	3,000	0	0	0	1,950	0	1,950	O	0	0	0 1,9	50 (	D	0 0	0	0 1,95
0 61	1 FINE BU SC	IBBLE AERATION - TANK #2-2015	CW	S3	03	-2,700	-7,630	0	0	0	-10,330	0	-10,330	O	0	-832	0 -9,4	98 (	D	0 0	0	0 -10,33
0 62	2 P BLDG SC	HEADWORKS UPGRADE-2015	CW	S3	03	555	5,500	-8,500	-12,869	0	-15,314	0	-15,314	0	0	-1,218	0 -14,0	96 (	0	0 0	0	0 -15,31
0 63	3 INTEGRA CONS-20	ATED PUMPING STATION (IPS) - 015 SC	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	0 675,2	74 (	D	0 0	0	0 692,35
WAS907	100 ASHBRI	DGES BAY WWTP - SOLIDS & GA	AS HA																			
03	WASTE	ACTIVATED SLUDGE UPGRADE ERING	- CW	S2	03	2,680	5,000	2,500	2,000	2,000	14,180	2,100	16,280	o	0	1,310	0 14,9	70 (	0	0 0	0	0 16,28
0 4	DIGESTI	ERS 9-12 REFURBISHMENT	CW	S2	03	800	11,000	11,010	8,310	40	31,160	30	31,190	C	0	2,509	0 28,6	81 (	0	0 0	0	0 31,19
0 8	BIOSOLI	IDS PELLETIZER RETROFIT	CW	S2	03	400	0	0	0	0	400	0	400	O	0	0	0 4	00 0	0	0 0	0	0 40
0 22		ACTIVATED SLUDGE UPGRADE RUCTION	- CW	S6	03	0	0	5,000	15,000	20,000	40,000	45,000	85,000	O	0	3,422	0 81,5	78 (	D	0 0	0	0 85,00
0 25	5 PELLETI UPGRAD	IZER TRUCK LOADING FACILITY DES	CW	S2	03	1,450	0	0	0	0	1,450	0	1,450	C	0	0	0 1,4	50 (	0	0 0	0	0 1,450
0 31	1 WASTE ENG - 20	ACTIVATED SLUDGE UPGRADE	- CW	S3	03	-1,180	-3,000	2,096	0	0	-2,084	2,000	-84	C	0	-6	0 -	78 (	D	0 0	0	0 -8
0 33	3 DIGESTI	ERS 9-12 REFURBISH-2015 SC	CW	S3	03	-200	-10,400	940	2,390	4,670	-2,600	5,730	3,130	C	0	252	0 2,8	78 (	D	0 0	0	0 3,13

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

MARKAUKA ALTERE DACE ALAMIF         Markauka ALTER DACE ALAMIF <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>																								
Bale         Float         Note         Note <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>Curre</th><th>ent and Fu</th><th>uture Year</th><th>Cash Flo</th><th>w Commitn</th><th>nents</th><th></th><th></th><th>Cu</th><th>rrent and F</th><th>uture Year</th><th>Cash Flo</th><th>w Commi</th><th>itments</th><th>Financed</th><th>Ву</th><th></th><th></th></t<>							Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Commi	itments	Financed	Ву		
			Ward	Stat.	Cat.	2015	2016	2017	2018	2019				Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2	Rec		Total Financing
Disk         Disk <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Ť</td></th<>																								Ť
List Street         List Street         List Street         Street <tree< th="">         Street         &lt;</tree<>	0 34		r cw	S3	03	-950	725	500	500	0	775	0	775	0	0	0	0	775	0	(	0 0	0	0	775
Alternational bar with the case in proper bar with the case in	0 35		CW	S3	03	0	400	0	0	0	400	0	400	o	0	0	0	400	0	(	0 0	0	0	400
0       PROCESS & EQUIP UPGRADES       CH       S<		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
0       6       MESURGRADES       CV       SZ       0       3,400       0       3,400       0       3,400       0<	WAS9071	101 ASHBRIDGES BAY WWTP - O&M UPGRA	ADES																					
0       7       MSC MECH REHAB       CH       S2       03       5,000       6,000       0       11,000       <	05	PROCESS & EQUIP UPGRADES	CW	S2	03	69	0	0	0	0	69	0	69	0	0	0	0	69	0	(	0 0	0	0	69
1       21       MESI UPGRADES - FUTURE YEAR       CW       S6       03	06	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       22       MSC MECH REHAB       2015 SC       GW S3       0       -3.499       500       3.000       0       0       1       0	07	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
3.3               BOILER 44 DESIGN - 2015 SC               CW             SU	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       2.4       MESI UPGRADES - 2015 SC       CW       Sole of the line line of the line line of the line of the line	0 22	MISC MECH REHAB - 2015 SC	CW	S3	03	-3,499	500	3,000	0	0	1	0	1	0	0	0	0	1	0	(	0 0	0	0	1
Sub-back       Signed back	0 23	BOILER #4 DESIGN - 2015 SC	CW	S3	03	0	57	0	0	0	57	0	57	0	0	0	0	57	0	(	0 0	0	0	57
ASHERIDGES BAY WWTP - ODOUR CONTROL       CM       CA	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	0	5,210
Normal Properties       BIOFILTERS UPGRADE       CW       S2       0.3       7,054       8,742       6,122       0       0       21,918       0       1,764       0       20,154       0       <		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
0       13       DBUILDING TREATMENT & BIOFILTER       CW       S2       03       1,613       0       0       1,613       0       1,613       0       1,613       0       1,613       0       1,613       0       1,613       0       1,613       0       0       1,613       0       0       1,613       0       1,613       0       0       1,613       0       0       1,613       0       0       1,613       0       0       1,613       0       0       1,613       0       0       1,613       0       0       1,613       0       0       1,613       0       0       1,6	WAS9071	102 ASHBRIDGES BAY WWTP - ODOUR CO	NTROL																					
0       32       BIOFILTERS UPGRADE & REPLACEMENT CW S3 03       -4.611       2.800       2.278       122       0       589       0 <td>06</td> <td>BIOFILTERS UPGRADE</td> <td>CW</td> <td>S2</td> <td>03</td> <td>7,054</td> <td>8,742</td> <td>6,122</td> <td>0</td> <td>0</td> <td>21,918</td> <td>0</td> <td>21,918</td> <td>o</td> <td>0</td> <td>1,764</td> <td>0</td> <td>20,154</td> <td>0</td> <td></td> <td>0 0</td> <td>0</td> <td>0</td> <td>21,918</td>	06	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
-2015 SC       -2015 SC <th< td=""><td>0 13</td><td>D BUILDING TREATMENT &amp; BIOFILTER</td><td>CW</td><td>S2</td><td>03</td><td>1,613</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1,613</td><td>0</td><td>1,613</td><td>0</td><td>0</td><td>130</td><td>0</td><td>1,483</td><td>0</td><td>(</td><td>0 0</td><td>0</td><td>0</td><td>1,613</td></th<>	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
BIOFILTER-2015 SC       Sub-total       I<	0 32		NT 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
WASSULT 10       HUMBER WWTP - LIQUID TREATMENT UPGRADES       CW       S2       O       A.9       A.91       A.225       A.11       A.90       Z.2351       B800       Z.3151       O       O       Z.1       O       Z.3130       O       O       O       D.0       Z.3150       O       O       D.0       Z.3150       O       O       D.0       Z.3150       O       O       D.0       D.0       Z.3150       O       O       D.0       D.0       Z.3150       O       D.0       D.0       D.0       Z.3150       D.0       D.0 <thd.0< th="">       D.0       <thd.0< th=""> <th< td=""><td>0 33</td><td></td><td>CW</td><td>S3</td><td>03</td><td>-1,413</td><td>1,145</td><td>0</td><td>0</td><td>0</td><td>-268</td><td>0</td><td>-268</td><td>0</td><td>0</td><td>-22</td><td>0</td><td>-246</td><td>0</td><td>(</td><td>0 0</td><td>0</td><td>0</td><td>-268</td></th<></thd.0<></thd.0<>	0 33		CW	S3	03	-1,413	1,145	0	0	0	-268	0	-268	0	0	-22	0	-246	0	(	0 0	0	0	-268
0       2       SECONDARY TREATMENT UPGRADES       CW       S2       03       3,491       3,225       3,112       3,930       22,351       800       23,151       0       21       0       23,130       0       0       0       23,151       0       23,151       0       23,151       0       23,151       0       0       23,150       0       0       0       0       23,151       0       23,151       0       23,151       0       0       23,150       0       0       0       0       23,150       0       0       0       0       23,151       0       0       0       0       0       23,150       0       0       0       0       23,150       0       0       0       0       0       23,151       0       0       0       0       0       23,150       0		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
0       17       SECONDARY TREATMENT UPGRADES - CW S6 03       0       0       0       150       150       20,850       21,000       0       845       0       20,155       0       0       0       0       21,000       0       21,000       0       24,000       0       24,22       0       4,773       0       0       0       7,195       0       0       19       SECONDARY TREATMENT UPGRADES - CW S4       03       200       20,000       45,000       45,000       45,000       155,200       84,800       240,000       0       0       19,322       0       20,678       0       0       0       0       20,073       0       0       0       20,073       0       0       0       24,000       0       0       19,322       0       20,678       0       0       0       20,073       0       0       0       20,073       0       0       0       240,000       0       19,322       0       220,678       0       0       0       0       0       20,073       0       0       0       0       21,000       240,000       0       0       22,610       0       268,736       0       0       0       0	WAS9071	104 HUMBER WWTP - LIQUID TREATMENT	<u>&amp; HANI</u>																					
NORTH PLANT	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
-2015 SC 0 19 SECONDARY TREATMENT UPGRADES - CW S4 03 SOUTH - CONS Sub-total 9,30 26,134 49,025 48,600 48,732 181,821 109,525 291,346 0 0 22,610 0 268,736 0 0 0 0 291,34 0 20 0 20,000 45,000 45,000 45,000 45,000 155,200 0 155,200 0 0 19,322 0 220,678 0 0 0 0 0 240,000 0 240,000 0 0 240,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 17		- 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
SOUTH - CONS         9,330         26,134         49,025         48,600         48,732         181,821         109,525         291,346         0         0         26,8736         0         0         0         291,346	0 18		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		- 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
WAS907105 HUMBER WWTP - O&M UPGRADES		Sub-total				9,330	26,134	49,025	48,600	48,732	181,821	109,525	291,346	0	0	22,610	0	268,736	0	(	0 0	0	0	291,346
	<u>WAS9071</u>	105 HUMBER WWTP - O&M UPGRADES																						

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

						Curre	ent and Fu	uture Year	Cash Flo	w Commitr	nents			Cur	rent and Fu	ture Year Cash F	low Comr	nitments	Financed	Ву		
	<u>Project No. Project Name</u> 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 I Subsidy	Development Charges	Reserve Reserves Funds	Capital from Current	Other 1	Other2	Deb Recove Debt		Total Financing
	105 HUMBER WWTP - O&M UPGRADES												545514100	,							$\neg$	
0 1	Digester 7 & 8 Upgrades & Cogen Upgrade	s CW	S2	03	12,217	3,804	0	0	0	16,021	0	16,021	O	0	0	0 16,02	1	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 23	0	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	C	0	0	0 4,29	0	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 -23	0	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 20,31	1	0	0 0	0	0	20,311
WAS907	106 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	0	4,829	0 55,17	1	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 -11,15	8	0	0 0	0	0	-12,13
	Sub-total				32,730	11,750	3,385	0	0	47,865	0	47,865	0	0	3,852	0 44,01	3	0	0 0	0	0	47,865
WAS9072	224 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	O	0	785	0 8,96	7	0	0 0	0	0	9,752
0 2	SCOTT STREET PS UPGRADES	CW	S2	05	20	0	0	0	0	20	0	20	C	0	2	0 1	8	0	0 0	0	0	2
0 4	SUNNYSIDE AND MARYPORT SPS UPGRADES	CW	S2	03	1,137	2	0	0	0	1,139	0	1,139	C	0	91	0 1,04	8	0	0 0	0	0	1,13
0 18	SPS UPGRADES -GROUP 6&7	CW	S6	02	0	190	640	3,700	9,550	14,080	31,650	45,730	0	0	1,841	0 43,88	9	0	0 0	0	0	45,73
0 22	SUNNYSIDE SPS REHAB - 2015 SC	CW	S3	03	443	1	3	0	0	447	0	447	C	0	36	0 41	1	0	0 0	0	0	44
0 23	SCOTT ST PS -2015 SC	CW	S3	05	-6	64	0	0	0	58	0	58	C	0	4	05	4	0	0 0	0	0	5
0 24	SPS UPGRADES-2015 SC	CW	S3	02	-331	1,679	-400	0	0	948	0	948	C	0	76	0 87	2	0	0 0	0	0	94
	Sub-total				8,565	3,986	643	3,700	9,550	26,444	31,650	58,094	0	0	2,835	0 55,25	9	0	0 C	0	0	58,094
WAS9075	559 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	C	0	4,521	0 51,65	9	0	0 C	0	0	56,18
03	DON AND WATERFRONT TRUNK/CSO - PKG 1 - CONST	CW	S6	04	0	0	0	23,000	46,000	69,000	138,000	207,000	C	0	8,330	0 198,67	0	0	0 0	0	0	207,00
0 4	DON & WATERFRONT CSO/TRUNK - PKO 2 - CONST	G CW	S6	04	0	0	0	0	1,000	1,000	158,500	159,500	C	0	6,418	0 153,08	2	0	0 0	0	0	159,50
0 8	Don & Waterfront Trunk/CSO CONS - BEYOND 2021	CW	S6	04	0	0	0	0	0	0	106,000	106,000	C	0	4,266	0 101,73	4	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	0	0	-68	0 -78	8	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	0	23,467	0 504,35	7	0	0 C	0	0	527,824
					ц					·	1		!									·

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

	Ū.																						
						Curre	ent and Fu	iture Year	Cash Flov	w Commitr	nents			Cu	rrent and F	uture Year	Cash Flo	ow Comn	nitments	Finance	d By		•
	<u>roject No. Project Name</u> 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	Del	Debt - Recoverable bt	Total Financing
WAS90770	00 NORTH TORONTO WTP UPGRADES																						
0 2	NTTP-ELECTRICAL UPGRADES	CW	S2	01	915	777	522	253	0	2,467	0	2,467	o	C	0 0	0	2,467	(	)	0 (	D	0 0	2,467
08	NTTP - ELECTRICAL UPGRADES - ECA 2015 SC	R-CW	S3	01	-913	-25	-22	-3	0	-963	0	-963	о	C	0 0	0	-963	(	)	0 0	0	0 0	-963
	Sub-total				2	752	500	250	0	1,504	0	1,504	0	C	) 0	0	1,504	(	)	0 (	0	0 0	1,504
WAS90814	43 Georgetown South City Infrastructure Upg	rades																					
0 1	Georgetown South City Infrastructure Upgrades	CW	S4	05	2,840	0	0	0	0	2,840	0	2,840	0	C	0 0	0	2,840	(	)	0 0	D	0 0	2,840
0 2	Georgetown South City Infrastructure Upgrades -FY	CW	S6	05	0	2,840	2,840	2,840	2,840	11,360	14,200	25,560	0	C	0 0	0	25,560	(	D	0 (	D	0 0	25,560
	Sub-total				2,840	2,840	2,840	2,840	2,840	14,200	14,200	28,400	0	C	) 0	0	28,400	(	)	0 0	0	0 0	28,400
WASWPOO	3 EMERY CREEK POND																						
0 1	EMERY CREEK POND	CW	S2	04	5,412	550	0	0	0	5,962	0	5,962	0	C	) 478	0	5,484	(	0	0 0	D	0 0	5,962
0 13	EMERY CREEK POND - 2015 SC	CW	S3	04	-1,512	523	0	0	0	-989	0	-989	0	C	) -78	0	-911	(	)	0 0	D	0 0	-989
1	Sub-total				3,900	1,073	0	0	0	4,973	0	4,973	0	(	400	0	4,573	(	)	0 0	0	0 0	4,973
WASWP05	50 EQUIPMENT REPLACEMENT & REHAB	LITATIC																					
0 35	MTI REAL TIME CONTROL	CW	S2	04	0	0	2,000	2,000	0	4,000	0	4,000	0	C	) 0	0	4,000	(	)	0 (	D	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	о	C	0 0	0	6,385	(	)	0 0	D	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	C	) 0	0	3,825	(	)	0 0	D	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	C	0 0	0	194	(	)	0 0	D	0 0	194
	Sub-total				386	4,858	5,220	3,890	20	14,374	30	14,404	0	C	) 0	0	14,404	(	)	0 (	0	0 0	14,404
Total P	Program Expenditure				463,845	565,130	645,169	779,787	873,344	3,327,275	3,968,172	7,295,447	0	(	) 287,916	06	6,964,198	(	)	0 43,33	3	0 0	7,295,447

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 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 - 2015 Recommended Capital Budget;2016 to 2024 Recommended Capital Plan

#### Wastewater Program

-																
0	Current and	Future Ye	ar Cash F	low Comr	nitments a	nd Estimate	s		Curren	nt and Future Y	ear Cash Flov	v Commitm	ents and	I Estimates	Financed By	
2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal D Subsidy	evelopment Charges Re	Reser eserves Fund	ve from		1 Other2		e Total Financing
31,598	29,887	25,144	25,808	29,725	142,162	145,754	287,916	0	0	287,916	0	0	0	0 0	0	0 287,916
432,247	531,910	616,025	749,979	838,619	3,168,780	3,795,418	6,964,198	о	0	0	06,964,	198	0	0 0	0	0 6,964,198
0	3,333	4,000	4,000	5,000	16,333	27,000	43,333	о	0	0	0	0	0	0 43,333	0	0 43,333
463,845	565,130	645,169	779,787	873,344	3,327,275	3,968,172	7,295,447	0	0	287,916	06,964,7	198	0	0 43,333	0	0 7,295,447
t	t. 2015 31,598 432,247 0	2015 2016 31,598 29,887 432,247 531,910 0 3,333	2015         2016         2017           31,598         29,887         25,144           432,247         531,910         616,025           0         3,333         4,000	2015         2016         2017         2018           31,598         29,887         25,144         25,808           432,247         531,910         616,025         749,979           0         3,333         4,000         4,000	2015         2016         2017         2018         2019           31,598         29,887         25,144         25,808         29,725           432,247         531,910         616,025         749,979         838,619           0         3,333         4,000         4,000         5,000	Z015         Z016         Z017         Z018         Z019         Total 2015-2019           31,598         29,887         25,144         25,808         29,725         142,162           432,247         531,910         616,025         749,979         838,619         3,168,780           0         3,333         4,000         4,000         5,000         16,333	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2020-2024           31,598         29,887         25,144         25,808         29,725         142,162         145,754           432,247         531,910         616,025         749,979         838,619         3,168,780         3,795,418           0         3,333         4,000         4,000         5,000         16,333         27,000	2015         2016         2017         2018         2019         2015-2019         2020-2024         2015-2024           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916           432,247         531,910         616,025         749,979         838,619         3,168,780         3,795,418         6,964,198           0         3,333         4,000         4,000         5,000         16,333         27,000         43,333	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2020-2024         Total 2015-2024         Provincial Grants and Subsidies           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916         0           432,247         531,910         616,025         749,979         838,619         3,168,780         3,795,418         6,964,198         0           0         3,333         4,000         4,000         5,000         16,333         27,000         43,333         0	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2020-2024         Total 2015-2024         Provincial Grants and Subsidies         Federal E Subsidies           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916         0         0           432,247         531,910         616,025         749,979         838,619         3,168,780         3,795,418         6,964,198         0         0           0         3,333         4,000         4,000         5,000         16,333         27,000         43,333         0         0	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2020-2024         Total 2015-2024         Total 2015-2024         Provincial Grants and Subsidies         Federal Subsidies         Development Charges Resident           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916         0         0         287,916           432,247         531,910         616,025         749,979         838,619         3,168,780         3,795,418         6,964,198         0         0         0         0           0         3,333         4,000         4,000         5,000         16,333         27,000         43,333         0         0         0	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total Z015-2019         Total Z020-2024         Total Z015-2024         Federal Z015-2024         Development Subsidies         Reserves         Reserves	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2020-2024         Total 2015-2024         Total 2015-2024         Federal Subsidies         Evelopment Subsidies         Reserves         Reserve Funds         Capital from Current           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916         0         0         287,916         0	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2020-2024         Total 2015-2024         Total 2015-2024         Provincial Subsidies         Federal Subsidies         Development Charges         Reserves Reserves         Capital from Current         Capital from Other           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916         0         0         287,916         0	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2020-2024         Total 2015-2024         Total 2015-2024         Federal Subsidies         Development Subsidies         Reserves Funds         Capital from Current         Capital from Current         Current         Other 1         Other 1         Other 2           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916         0         0         287,916         0	Z015         Z016         Z017         Z018         Z019         Total 2015-2019         Total 2015-2019         Total 2015-2014         Total 2015-2014         Total 2015-2014         Total 2015-2014         Total 2015-2014         Total 2015-2014         Federal 2015-2024         Development Subsidies         Reserve Subsidies         Capital from Charges         Capital from Current         Capital Other 1         Debt - Other 2           31,598         29,887         25,144         25,808         29,725         142,162         145,754         287,916         0         0         287,916         0

#### Status Code Description

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

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

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

S5 S5 New (On-going or Phased Projects)

S6 S6 New - Future Year (Commencing in 2016 & Beyond)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

06 Reserved Category 1 C06 07 Reserved Category 2 C07

# Appendix 4

# **2015** Recommended Cash Flow and Future Year Commitments

Report Phase 2 - Program 10 Water Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

#### **CITY OF TORONTO**

# Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

		• 9																					
							Curr	ent and F	uture Year	Cash Flo	w Commitm	nents			Cur	rent and Fu	iture Year Cash I	low Com	nitments I	Financed	Ву		
		<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	Reserv Reserves Funds	Capital e from Current	Other 1	Other2	Debt Recovera Debt		Total
		HORGAN W.T.P. EXPANSION																					
0	2	PLANT EXPANSION - DESIGN & CONST ADMIN	R CW	S2	05	940	0	0	0	0	940	0	940	0	0	300	0 33	39	0 0	) 301	0	0	940
0	18	SUPERNATANT AND FORCEMAIN	CW	S2	05	4,500	0	0	0	0	4,500	0	4,500	0	0	1,438	0 3,06	62	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	0	0	799	0 1,70	01	0 0	) 0	0	0	2,500
0	33	PLANT EXPANSION - DESIGN & CONST ADMIN-2015 SC	R CW	S3	05	-562	0	0	0	0	-562	0	-562	0	0	-179	0 -20	03	0 0	) -180	0	0	-562
0	34	PLANT EXPANSION - CONSTRUCTION-2015 SC	CW	<b>S</b> 3	05	-357	764	0	0	0	407	0	407	0	0	130	0 14	47	0 0	) 130	0	0	407
1	5	PLANT EXPANSION - CONSTRUCTION	CW	S2	05	975	0	0	0	0	975	0	975	0	0	312	0 35	51	0 0	) 312	0	0	975
		Sub-total				3,496	5,264	0	0	0	8,760	0	8,760	0	0	2,800	0 5,39	97	0 0	563	0	0	8,760
WAT	000014	WATER STORAGE EXPANSION																					
0	1	DUFFERIN RES. EXT DESIGN AND CONT. ADMIN	CW	S2	05	5	0	0	0	0	5	0	5	о	0	3	0	2	0 0	) 0	0	0	5
0	2	Milliken PS and Reservoir - Engineering	CW	S2	05	70	0	0	0	0	70	0	70	0	0	29	0	15	0 0	) 26	0	0	70
0	48	DUFFERIN RES. EXT DESIGN&CONT. ADMIN - 2015 SC	CW	S3	05	45	0	0	0	0	45	0	45	0	0	28	0	17	0 0	) 0	0	0	45
0	49	MILLIKEN PS&RESERVOIR-DESIGN&CONT&ADMI		<b>S</b> 3	05	77	0	0			77	0	77	0				-	0 0			0	77
		Sub-total				197	0	0	0	0	197	0	197	0	0	92	0 5	50	0 0	) 55	0	0	197
<u>WAT</u>	000018	CLARK RESIDUE MGMT. FACILITIES																					
0	24	RESIDUALS RETROFITS & UPGRADES	CW	S2	02	380	450	0	0	0	830	0	830	0	0	0	0 83	30	0 0	) 0	0	0	830
0	27	RESIDUALS RETROFITS AND UPGRADI - 2015 SC	ES CW	S3	02	0	500	0	0	0	500	0	500	0	0	0	0 50	00	0 0	) 0	0	0	500
		Sub-total				380	950	0	0	0	1,330	0	1,330	0	0	0	0 1,33	30	0 0	) 0	0	0	1,330
WAT	000021	WATER EFFICIENCY PROGRAM																					
0	10	ICI INDOOR WATER AUDIT	CW	S2	05	300	300	300	0	0	900	0	900	0	0	900	0	0	0 0	) 0	0	0	900
0	11	PUBLIC EDUCATION & PROMOTIONS	CW	S2	05	150	150	150	0	0	450	0	450	0	0	450	0	0	0 0	) 0	0	0	450
0	12	ANCILLARY COSTS	CW	S2	05	70	70	70	0	0	210	0	210	0	0	210	0	0	0 0	) 0	0	0	210
		Sub-total				520	520	520	0	0	1,560	0	1,560	0	0	1,560	0	0	0 0	) 0	0	0	1,560
WAT	000340	ISLAND PLANT WINTERIZATION																					
0	1	PLANT WINTERIZATION & SUMMERIZATION	CW	S2	04	444	0	0	0	0	444	0	444	0	0	0	0 44	14	0 0	) 0	0	0	444

#### **CITY OF TORONTO**

# Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rent and F	uture Year	Cash Flow	/ Comm	itments I	Financed	Ву		
<u>Sub</u> Pric	_	<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 Subsidy	Development Charges	Reserves	Reserve Funds (	Capital from Current	Other 1	Other2		bt - /erable	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	c	0	0	0	127	0	) (	) 0	0	0	127
		Sub-total				56	515	0	0	0	571	0	571	0	0	0	0	571	0	) (	) 0	0	0	571
<u>WAT</u>	000363	ENGINEERING STUDIES																						
0	2	IMPROVED TREATMENT STUDIES	CW	S2	04	413	50	0	0	0	463	0	463	c	0	0	0	463	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	о	200
0	31	ENERGY EFFICIENCY IMPLEMENTATION	V CW	S2	04	106	0	0	0	0	106	0	106	c	0	0	0	106	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	o	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	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	o	-148
0	60	IMPROVED TREATMENT STUDIES - 2018	5 CW	S3	04	27	157	50	0	0	234	0	234	C	0	0	0	234	0	) (	) 0	0	0	234
0	61	ENERGY EFFICIENCY IMPLEMENTATION-2015 SC	CW	S3	04	52	100	0	0	0	152	0	152	c	0	0	0	152	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	2,606
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	c	0	0	0	1,545	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	8,693
0	9	TRUNK RADIO SYSTEM	CW	S2	04	0	200	100	0	0	300	0	300	c	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	c	0	0	0	1,350	0	) (	) 0	0	o	1,350
0	23	RELIABILITY IMPROVEMENT PROGRAM	CW	S2	04	200	0	0	0	0	200	0	200	c	0	0	0	200	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	6,291
0	42	WTP WS PLC PLATFORM UPGRADE AN PCS IMPROVEMENTS	D CW	S2	04	3,727	240	760	0	0	4,727	0	4,727	c	0	0	0	4,727	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	c	0	0	0	-1,774	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	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	c	0	0	0	24,070	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	-1,154

Report Phase 2 - Program 10 Water Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

#### **CITY OF TORONTO**

Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curr	ont and E	ituro Voar	Cash Elos	v Commitn	onte				ront and E	uture Year	Cach Ela	w Comm	itmonto	Inonoo	d Dv		
							Curro	on and Fl	aure redr	Gasii Fi01	- committ				Cur	rent and F	uture tear	Jash FIO		innents i	mance	ц Бу		<del></del>
Sub	- Pro	ject No. Project Name									Total	Total	Total	Provincial	Fodoral	Development		Reserve	Capital from				Debt - Recoverabl	e Total
		Proj No. Sub-project Name	Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Grants and Subsidies		Charges	Reserves	Funds	Current	Other 1	Other2			Financing
WAT	06334	BUSINESS SYSTEM INFRASTRUCTURE	- PW																					
0	67	SCADA UPGRADES FOR WWT - II	CW	S4	04	501	415	400	600	350	2,266	0	2,266	C	0 0	0	0	2,266	C	) (	) (	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	C	) 0	0	0	-1,127	C	) (	) (	0	0	0 -1,127
0	69	PCS LEGACY ALARM IMPROVEMENT -2015 SC	CW	S3	04	-600	600	0	0	0	0	0	0	C	0 0	0	0	0	C	) (	) (	0	0	) (
0	70	TRUNK RADIO SYSTEM - HYDRO PARTNERSHIP	CW	S4	03	1,600	0	0	0	0	1,600	0	1,600	C	0 0	0	0	1,600	C	) (	) (	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	C	0 0	0	0	1,530	C	) (	) (	0	0	0 1,530
		Sub-total				10,328	8,620	7,174	8,060	7,815	41,997	8,090	50,087	0	0 0	0	0	50,087	C	) (	)	0	0	0 50,087
WAT	06340	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	C	) 0	0	0	95,331	C	) C	) (	0	0	0 95,331
0	14	AUTOMATED METER READING SYSTEM 2015 SC	1- CW	S3	04	-18,736	-14,308	-2,485	0	0	-35,529	0	-35,529	C	0 0	0	0	-35,529	C	) C	) (	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	C	) (	)	0	0	0 59,802
WAT	06467	AVENUE ROAD TRUNKMAIN REPLACEM	<u>IENT</u>																					
0	2	AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWRENCE	CW	S2	03	1,310	2,000	0	0	0	3,310	0	3,310	C	) 0	1,668	0	1,023	C	) (	619	9	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	C	) 0	20	0	12	C	) (	) -	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	C	) 0	45	0	28	C	) C	) 17	7	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	C	0 0	-1,005	0	-617	C	) C	-373	3	0	0 -1,995
		Sub-total				354	1,090	0	0	0	1,444	0	1,444	0	0 0	728	0	446	C	) (	27	0	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	C	) 0	997	0	775	C	) C	85	0	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	C	) 0	23,910	0	18,639	C	) C	20,45	1	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	C	) 0	370	0	290	C	) (	31	8	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	C	0 0	1	0	0	C	) C	) -	1	0	з (
		Sub-total				900	6,100	30,900	26,600	2,050	66,550	50	66,600	0	0 0	25,278	0	19,704	C	) (	21,61	8	0	0 66,600
WAT	06470	ISLAND W.T.P. R&R																						1
0	8	CHEMICAL & RESIDUALS MNGT - ENG	CW	S2	02	700	550	250	250	250	2,000	250	2,250	C	) 0	0	0	2,250	C	) C	) (	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	C	) 0	1,521	0	23,479	C	) C	) (	0	0	0 25,000

#### **CITY OF TORONTO**

Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	ture Year	Cash Flo	w Commitm	nents			Cur	rent and Fu	iture Year	Cash Flo	w Comm	itments F	inanced	Ву		
-		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	Rec	ebt - overable	Total Financing
WAT9	06470	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	C	) 0	0	0	44	0	0	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	0	0	0	0	27,294
WAT9	06471	FJ HORGAN W.T.P. R&R																						
0	24	HVAC REHAB & SCRUBBER ENGINEERING	CW	S4	03	84	0	0	0	0	84	0	84	C	) 0	0	0	84	0	0	0	0	0	84
		Sub-total				84	0	0	0	0	84	0	84	0	0	0	0	84	0	0	0	0	0	84
WAT9	06481	DISTRICT WATERMAINS - NEW																						
0	1	DIST W/MAINS NEW	CW	S2	05	350	500	0	0	0	850	0	850	C	) 0	0	0	850	0	0	0	0	0	850
0	13	DIST W/MAINS NEW - 2015 SC	CW	S3	05	-248	0	0	0	0	-248	0	-248	C	0 0	602	0	-850	0	0	0	0	0	-248
		Sub-total				102	500	0	0	0	602	0	602	0	0	602	0	0	0	0	0	0	0	602
WAT9	06483	PW ENGINEERING																						
0	2	CAPITAL PRGMG & FACILITY ASSET PLANNING	CW	S2	03	992	0	0	0	0	992	0	992	C	) 0	0	0	992	0	0	0	0	0	992
0	5	WATERMAIN ASSET PLANNING	CW	S2	03	1,409	460	360	160	0	2,389	0	2,389	C	) 0	597	0	1,792	0	0	0	0	0	2,389
0	7	EASEMENT ACQUISITION	CW	S2	04	175	0	0	0	0	175	0	175	C	) 0	0	0	175	0	0	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	0	0	4,288	0	0	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	C	) 0	0	0	4,189	0	0	0	0	0	4,189
0	50	WATERMAIN ASSET PLANNING - 2015 SC	C CW	S3	03	-493	525	325	-25	0	332	0	332	C	) 0	83	0	249	0	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	0	0	425	0	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	0	2,000	0	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	C	0 0	0	0	44	0	0	0	0	0	44
		Sub-total				3,390	4,524	4,285	1,635	1,000	14,834	0	14,834	0	0	680	0	14,154	0	0	0	0	0	14,834
WAT9	06749	DOWNTOWN W/M ENHANCEMENT																						
0	1	JOS - GERRARD ST WM - ENGINEERING	CW	S2	03	378	15	7	0	0	400	0	400	C	) 0	79	0	16	0	0	305	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	C	) 0	4,165	0	757	0	0	15,998	0	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		) 0	-384	0	-69	0	0	-1,477	0	0	-1,930

**CITY OF TORONTO** 

Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

						Curre	ent and Fu	uture Year	Cash Flov	w Commitn	nents			Curr	ent and Fu	iture Year	Cash Flov	w Comm	itments F	inanced	Ву		
<u>Sut</u> Pric		<u>iject No. Project Name</u> pProj 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 D Subsidy	evelopment Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - verable	Total Financing
-		DOWNTOWN W/M ENHANCEMENT																					
0	39	JOS - GERRARD ST WM - ENGINEERING 2015 SC	G-CWS	33 03	370	0	0	0	0	370	0	370	C	) 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
<u>WAT</u>	906752	TRANSMISSION R&R																					
0	49	TRUNK WATERMAIN REHAB	CW S	32 03	250	0	0	0	0	250	0	250	0	0 0	0	0	250	0	0	0	0	0	250
0	51	CAST IRON TRUNK REPLC - PHASE 2	CW S	32 03	5,088	2,510	264	0	0	7,862	0	7,862	0	0 0	0	0	7,862	0	0	0	0	0	7,862
0	52	CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	CW S	32 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 S	33 03	445	545	0	0	0	990	0	990	0	0 0	0	0	990	0	0	0	0	0	990
0	64	CAST IRON TRUNK REPLC - PHASE 2 - 2015 SC	CW S	33 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 S	33 03	350	700	200	-575	-385	290	-980	-690	0	0 0	0	0	-690	0	0	0	0	0	-690
0	67	TRANSF & SW`GEAR REPLACMENT DESIGN -2015 SC	CW S	3 03	165	0	0	0	0	165	0	165	0	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 S	82 03	150	0	0	0	0	150	0	150	0	0 0	0	0	150	0	0	0	0	0	150
0	6	ELLESMERE P.S. UPGRADE	CW S	32 05	25	525	0	0	0	550	0	550	0	0 0	127	0	75	0	0	348	0	0	550
0	26	SCARBOROUGH PS - PUMP REPLC	CW S	32 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 S	32 03	2,250	0	0	0	0	2,250	0	2,250	0	0 0	0	0	2,250	0	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	0	0 0	0	0	5,750	0	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	0	0 0	0	0	725	0	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	0	0 0	0	0	0	0	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	0	0 0	0	0	25	0	0	0	0	0	25
0	40	EGLINTON PS - PUMP REPLC - 2015 SC	CW S	33 03	-383	458	0	0	0	75	0	75	0	0 0	0	0	75	0	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	0 0	0	0	17,798	0	0	0	0	0	17,798
0	48	ROSEHILL RESERVOIR	CW S	64 03	600	8,000	7,500	500	0	16,600	0	16,600	0	0 0	0	0	16,600	0	0	0	0	0	16,600
0	49	DOWNSVIEW PS & CONNECTOR	CW S	64 05	50	150	60	0	0	260	0	260	C	0 0	0	0	260	0	0	0	0	0	260

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#### **CITY OF TORONTO**

# Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

					1		Curre	ent and Fu	uture Year	Cash Flo	w Commitr	nents			Cur	rent and F	uture Year	Cash Flo	w Comm	nitments I	inanced	Ву		
<u>Sub</u> Pric	_	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	Debt Recove Debt	able	Total Financing
WAT	906900	TRANSMISSION R&R																						
0	50	PARKDALE PS REHABILITATION	CW	S4	03	500	1,500	1,000	0	0	3,000	0	3,000	0	0	0	0	3,000	C	) (	0	0	0	3,000
0	51	ROSEHILL PS REHAB	CW	S4	03	50	975	100	0	0	1,125	0	1,125	0	0	0	0	1,125	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	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	O	0	0	0	23	C	) (	0	0	0	23
0	3	FACILITY & PROCESS UPGRADES	CW	S2	03	500	0	0	0	0	500	0	500	O	0	0	0	500	C	) (	0	0	0	500
0	13	FILTER MEDIA REPLACEMENT PH2	CW	S2	03	80	150	0	0	0	230	0	230	O	0	0	0	230	C	) (	0	0	0	230
0	21	HVAC REHAB - CONSTRUCTION	CW	S2	03	1,676	1,000	250	0	0	2,926	0	2,926	O	0	0	0	2,926	C	) (	0	0	0	2,926
0	29	HARRIS FILTERS REHABILITATION	CW	S4	03	100	3,600	775	25	0	4,500	0	4,500	C	0	0	0	4,500	C	) (	0	0	0	4,500
0	56	REHAB OF SETTLING BASIN ROOF & SLUICE GATES	CW	S2	03	11,016	4,520	0	0	0	15,536	0	15,536	0	0	0	0	15,536	C	) (	0	0	o	15,536
0	74	FILTER MEDIA UPGRADE - 2015 SC	CW	S3	03	-80	-150	0	0	0	-230	0	-230	0	0	0	0	-230	C	) (	0	0	o	-230
0	75	HVAC REHAB CONSTRUCTION - 2015 SC	c cw	S3	03	-1,396	220	750	580	0	154	0	154	0	0	0	0	154	C	) (	0 0	0	0	154
0	76	HARRIS DISINFECTION MODIFICATIONS 2015 SC	- CW	S3	04	0	250	1,500	3,500	3,500	8,750	0	8,750	C	0	532	0	8,218	C	) (	0	0	0	8,750
0	77	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	O	0	0	0	10,768	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	O	0	0	0	1,200	C	) (	0	0	0	1,200
0	81	LIQUID CHEMICAL SYSTEM IMPROVEMENTS	CW	S4	04	100	320	200	0	0	620	0	620	0	0	0	0	620	C	) (	0 0	0	0	620
0	82	PD2 OPTIMIZATION	CW	S4	03	500	90	0	0	0	590	0	590	0	0	0	0	590	C	) (	0	0	0	590
0	83	FACILITY & PROCESS UPGRADES-2015 SC	CW	S3	03	-50	500	500	0	0	950	0	950	O	0	0	0	950	C	) (	0	0	0	950
0	86	BUILDING ENVELOPE REHAB- 2015 SC	CW	S3	03	-10	13	0	0	0	3	0	3	0	0	0	0	3	C	) (	0 0	0	0	3
0	87	LIQUID CHEMICAL SYSTEM RELOCATION- 2015 SC	CW	<b>S</b> 3	04	8	20	0	0	0	28	0	28	0	0	0	0	28	C	) (	0 0	0	0	28
0	88	TRAVELLING SCREEN REPLACEMENT	CW	S2	03	61	0	0	0	0	61	0	61	0	0	0	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	C	) (	0 0	0	0	46,609
WAT	906903	FJ HORGAN W.T.P. R&R																					$\top$	
0	5	FACILITY & PROCESS UPGRADES	CW	S2	03	1,579	350	0	0	0	1,929	0	1,929	٥	0	0	0	1,929	C	) (	0	0	0	1,929

#### **CITY OF TORONTO**

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						Curre	ent and Fu	iture Year	Cash Flo	v Commitn	nents			Cur	rrent and F	uture Year	Cash Flo	w Comm	itments I	Financed	Ву		
	<u>pject 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	t Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recove Debt	able	Total Financing
	FJ HORGAN W.T.P. R&R												Cabbilated									-	
08	RAW WATER PUMP UPGRADES	CW	S2	03	540	0	0	0	0	540	0	540	C	0 0	) C	0 0	540	0	) (	) 0	0	0	540
0 15	REPLACEMENT OF MCCS	CW	S2	03	1,570	3,350	1,600	200	0	6,720	0	6,720	С	0 0	) C	) 0	6,720	0	) (	) 0	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	с	0 0	) C	0 0	5,000	0	) (	) 0	0	0	5,000
0 32	ELEC GROUNDING SYSTEM & BULK CHEM UNLOADING IMPRO	CW	S4	04	150	700	0	0	0	850	0	850	C	0 0	) C	) 0	850	0	) (	) 0	0	0	850
0 34	TREATED WATER PUMP UPGRADES	CW	S4	04	500	1,850	550	0	0	2,900	0	2,900	C	0 0	) C	) 0	2,900	0	) (	) 0	0	0	2,900
0 35	FACILITY & PROCESS UPGRADES-2015 SC	CW	S3	03	-906	810	300	0	0	204	0	204	с	0 0	) C	) 0	204	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	с	0 0	) C	) 0	-178	0	) (	) 0	0	0	-178
0 37	RAW WATER PUMP UGRADES-2015 SC	CW	S3	03	49	0	0	0	0	49	0	49	с	0 0	) C	) 0	49	0	) (	) 0	0	0	49
0 38	OFFSHORE CHLORINATION RELOCATION-2015 SC	CW	S3	03	-500	-2,000	550	1,950	0	0	0	0	c	0 0	) C	) 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	с	0 0	) C	) 0	1,000	0	) (	) 0	0	0	1,000
	Sub-total				3,412	6,500	5,583	3,050	320	18,865	149	19,014	0	0	) 0	0 0	19,014	0	) (	) 0	0	0	19,014
<u>WAT906906</u>	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	С	0 0	934	4 0	573	0	) (	) 443	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	С	) 0	120	0 0	74	0	) (	) 56	0	0	250
	Sub-total				400	600	700	400	50	2,150	50	2,200	0	0	1,054	0	647	0	) (	) 499	0	0	2,200
WAT906914	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	С	0 0	) C	) 0	13,060	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	C	0 0	) C	) 0	1,043	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	0	14,103	0	) (	) 0	0	0	14,103
WAT906918	3 WATER SUSTAINABILITY PROGRAM																						
0 1	WATER SUSTAINABILITY PROGRAM	CW	S2	04	2,600	4,350	4,000	0	0	10,950	0	10,950	С	0 0	665	5 0	10,285	0	) (	) 0	0	0	10,950
09	WATER SUSTAINABILITY STANDBY POWER ELLESMERE-SC	CW	S3	04	-1,380	8,957	3,205	20	2	10,804	0	10,804	с	0 0	657	7 0	10,147	0	) (	) 0	0	0	10,804
0 12	STANDBY POWER - ROSEHILL	CW	S4	04	150	4,850	4,800	0	0	9,800	0	9,800	С	0 0	) C	0 0	9,800	0	) (	) 0	0	0	9,800
	Sub-total				1,370	18,157	12,005	20	2	31,554	0	31,554	0	0	1,322	2 0	30,232	0	) (	) 0	0	0	31,554
WAT906919	RL CLARK W.T.P. R&R																					T	

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Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

					L,	Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year	Cash Flo	w Comm	itments	Financed	d By			
Sub-		ject No. Project Name		<b>.</b>		0045	0040	0047	0040	0040	Total	Total	Total	Provincial Grants and	Federal	Development	Reserves	Reserve	Capital from Current		011 0		Debt - Recoverable	Total
	-		Ward	Stat.	Cat.	2015	2016	2017	2018	2019	2015-2019	2020-2024	2015-2024	Subsidies	Subsidy	Charges		Tunus	Current	Other 1	Other2	Debi	t	Financing
<u>vvai 9</u>	06919	<u>RL CLARK W.T.P. R&amp;R</u>																						
0	1	FACILITY & PROCESS UPGRADES	CW	S2	03	170	0	0	0	0	170	0	170	C	) 0	0	0	170	0		D 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		D C	)	0 0	2,718
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		D C	)	0 0	49,793
0	44	EVALUATION & COMMUNICATION SYSTEMS	CW	S2	03	1,314	117	20	7	0	1,458	0	1,458	C	) 0	0	0	1,458	0		D C	)	0 0	1,458
0	53	FACILITY & PROCESS UPGRADES - 2015 SC	CW	S3	03	10	215	150	0	0	375	0	375	c	0 0	0	0	375	0		D 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 0	91	0	1,428	0		D 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		D 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		D C	)	0 0	711
0	57	ELECTRICAL AND HVAC UPGRADES CONSTRUCTION	CW	S4	03	250	0	0	0	0	250	0	250	c	) 0	0	0	250	0		D C	)	0 0	250
		Sub-total				12,644	9,890	22,212	13,445	25	58,216	0	58,216	0	0	3,361	0	54,855	0		D (	D	0 0	58,216
WAT9	06930	DIST W/M REPLACEMENT																						
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		o 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	c	0 0	0	0	3,125	0		D 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	c	0 0	0	0	4,450	0		D C	)	0 0	4,450
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		D 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	C	) 0	0	0	6,490	0		o 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	0	3,100	0		D C	)	0 0	3,100
0	57	2010 WM REPLC - 2015 SC	CW	S3	03	6	0	0	0	0	6	0	6	c	0 0	0	0	6	0		D C	)	0 0	6
0	58	WM REPLC - STANDALONE - 2015 SC	CW	S3	03	-1,691	1,177	0	0	0	-514	0	-514	c	0 0	0	0	-514	0		D C	)	0 0	-514
0	59	2013 WM REPLC - UPGRADES	CW	S2	05	14	0	0	0	0	14	0	14	c	0 0	4	0	10	0		D C	)	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	c	0 0	0	0	565	0		D C	)	0 0	565
0	61	WATERMAIN UPGRADES - 2014 - 2015 SC	c cw	S3	05	-404	1,087	0	0	0	683	0	683	c	0 0	0	0	683	0		D C	)	0 0	683
0	62	WATERMAIN REPLACEMENT - METROLINX - 2015 SC	CW	S3	03	-575	-550	0	125	1,000	0	0	0	c	0 0	0	0	0	0		D C	)	0 0	o
0	63	DIST W/M REPLACEMENT - 2015	CW	S4	03	33,994	20,841	11,424	0	0	66,259	0	66,259	c	0 0	10,303	0	55,956	0		D C	)	0 0	66,259
						1 I					1	I	I	I										I

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							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Curr	ent and Fu	iture Year C	ash Flov	v Comm	itments	Financed	Ву		
<u>Sut</u> Pric		<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 <sub>D</sub> Subsidy	evelopment Charges	Re Reserves F	eserve Funds	Capital from Current	Other 1	Other2		ebt - overable	Total Financing
		DIST W/M REPLACEMENT												Oubsidies	,									J
	64	WATERMAIN UPGRADES - 2015	CW	S4	04	6,609	3,292	1,204	0	0	11,105	0	11,105	C	0	3,455	0	7,650	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	o	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	C	0	0	0	-3,923	0	(	0 0	0	0	-3,923
		Sub-total				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	112,662
<u>WAT</u>	906932	DIST W/M REHABILITATION																						
0	4	Hydrant & Valve Repair	CW	S2	03	1,197	1,000	1,000	0	0	3,197	0	3,197	O	0	0	0	3,197	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	O	0	0	0	89,673	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	C	0	0	0	11,200	0	(	) 0	0	0	11,200
0	30	CUT REPAIRS	CW	S2	03	4,371	0	0	0	0	4,371	0	4,371	0		0	0	4,371	0	(	) 0	0	0	
0	42	CUT-REPAIR - 2015 SC		S3	03	-1,606	2,765	0	0	0	1,159	0	1,159	C		0	0	1,159	0	(	-	0	0	.,
0	43	CATHODIC PROTECTION - 2015 SC	CW	S3	03	-103	892	950	450	0	2,189	0	2,189	0	0	0	0	2,189	0	(	) 0	0	0	2,189
0	44	HYDRANT & VALVE REPAIR-2015 SC	CW	S3	03	553	0	0	0	0	553	0	553	C	0	0	0	553	0	(	) 0	0	0	553
0	45	WATERMAIN STRUCTURAL LINING-2015 SC	5 CW	S3	03	18,003	19,415	31,158	20,717	5,400	94,693	0	94,693	0	0	0	0	94,693	0	(	) 0	0	0	94,693
		Sub-total				50,788	62,572	67,108	21,167	5,400	207,035	0	207,035	0	0	0	0 2	07,035	0	(	0 0	0	0	207,035
WAT	906934	DIST WATER SERVICE REPAIR																						
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	25,674
0	19	2010 WSR	CW	S4	02	219	0	0	0	0	219	0	219	C	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	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	50
0	41	2013 WATER SERVICE REPLACMENT -SOGR	CW	S2	02	2,631	0	0	0	0	2,631	0	2,631	O	0	0	0	2,631	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	4,711
0	58	WSR CUT REPAIR - 2015 SC	CW	S3	03	-86	2,100	0	0	0	2,014	0	2,014	0	0	0	0	2,014	0	(	0 0	0	0	2,014
0	59	2015 WATER SERVICE REPLACEMENT - SOGR			03	4,500	9,000	4,500	0	0	18,000	0	18,000	0	0	0	0	18,000	0	(	) 0	0	0	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	0	0	0	0	5,004	0	(	) 0	0	0	5,004

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# Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	iture Year	Cash Flo	w Commitn	ients			Curre	ent and Fu	iture Year	Cash Flo	w Commi	itments	Financed	Ву		
<u>Sub</u> Prio		j <u>ect No. 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 <sub>De</sub> Subsidy	evelopment Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Rec	ebt - overable	Total Financing
WAT	906934	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	0	-50	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	0	0	0	0	-1,297	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	0	0	0	0	2,640	0	(	) 0	0	0	2,640
0	64	WSR - STANDALONE- 2015 SC	CW	S3	02	71	0	0	0	0	71	0	71	0	0	0	0	71	0	(	) 0	0	0	71
		Sub-total				22,934	25,169	13,750	0	0	61,853	0	61,853	0	0	0	0	61,853	0	(	) (	0	C	61,853
WAT	906935	NEW SERVICE CONNECTIONS																						
0	2	NEW SERVICE CONNECTIONS - CUT REPAIRS	CW	S2	05	3,500	0	0	0	0	3,500	0	3,500	0	0	0	0	3,500	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	0	0	0	0	14,000	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	0	0	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	0	0	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	0	68,262	0	(	) (	0	C	68,262
WAT	906951	ENGINEERING																						
0	2	CONSULTING FEES	CW	S2	03	2,975	4,687	5,912	5,445	4,160	23,179	5,016	28,195	0	0	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	0	0	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	0	0	0	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	0	0	0	0	6,964	0	(	) 0	0	0	6,964
0	53	LEGAL SERVICES SALARIES - 2015 SC	CW	S3	03	197	0	0	0	0	197	0	197	0	0	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	0	0	0	0	2,292	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	0	0	0	61,639	0	(	) (	0	C	61,639
WAT	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	0	0	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	0	0	0	0	2,940	0	(	) 0	0	0	2,940
0	25	ISLAND FILTER AIR SCOUR SYSTEM	CW	S2	04	559	0	0	0	0	559	0	559	0	0	34	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	0	0	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	0	0	0	0	109	0	(	0 0	0	0	109

#### **CITY OF TORONTO**

# Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	ture Year	Cash Flov	w Commitr	nents			Cur	rrent and F	uture Year	Cash Flo	w Commi	itments	Financed	Ву		
<u>Sub</u> Brio		ect No. Project Name	Nord	Stat	Cat	2015	2016	2017	2018	2019	Total	Total 2020-2024	Total	Provincial Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Othor 1	Othor?	Rec	Debt - overable	Total
		Proj No. Sub-project Name \ ISLAND W.T.P. R&R	Nard	Siai.	Cal.	2013	2010	2017	2010	2019	2015-2018	2020-2024	2015-2024	Subsidies	Subsidy	Charges		1 dildo	ountent	Other I	Otherz	Dept		Financing
0	44	ISLAND ENWAVE/RETROFIT PROJECT	CW	S2	04	260	350	0	0	0	610	0	610	о	0	0	0	610	0	(	0 0	0	С	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 0	0	2,240	0	C	0 0	0	0	2,240
0	51	CHEMICAL SYSTEMS' ELECTRICAL FEED DISTRIBUTION	CW	S2	03	500	0	0	0	0	500	0	500	о	0	0 0	0	500	0	(	0 0	0	0	500
0	62	FACILITY & PROCESS UPGRADES - 2015 SC	CW	S3	03	-150	531	375	0	0	756	0	756	0	0	0 0	0	756	0	(	0 0	0	0	756
0	63	ISLAND FILTER AIR SCOUR SYSTEM - 2015 SC	CW	S3	04	-400	0	0	0	0	-400	0	-400	0	0	-24	0	-376	0	(	0 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 0	0	-303	0	(	0 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 0	0	-533	0	(	0 0	0	0	-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 0	0	250	0	(	0 0	0	0	250
0	68	CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION - 2015 SC	CW	S3	03	-400	365	0	0	0	-35	0	-35	o	0	0 0	0	-35	0	(	0 0	0	0	-35
0	69	Generators` DR3 Program	CW	S4	04	75	750	425	0	0	1,250	0	1,250	o	0	0 0	0	1,250	0	(	0 0	0	0	1,250
0	70	PLANTWIDE HVAC UPGRADES	CW	S4	04	15	90	490	45	0	640	0	640	0	0	0 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	o	0	0 0	0	14	0	(	0 0	0	0	14
		Sub-total				3,755	6,426	2,990	95	0	13,266	0	13,266	0	0	10	0	13,256	0	(	0 0	0	C	0 13,266
WATS	907353	LAWRENCE ALLAN REVITALIZATION PLAN	N																					
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	o	0	4,940	0	20,453	0	(	0 0	0	0	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	0	8,301	0	0	0	(	0 0	0	0	8,301
0	5	LAWRENCE ALLAN REVITALIZATION PLAN-INTER - 2015 SC	CW	S3	05	-72	0	0	0	0	-72	0	-72	0	0	20,381	0	-20,453	0	(	0 0	0	0	-72
0	6	LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL-2015SC	CW	S3	05	-61	0	0	0	0	-61	0	-61	0	0	-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	0	33,561	0	0	0	(	0 0	0	С	0 33,561
WATS	907558	REGENT PARK CAPITAL CONTRIBUTION																						
0	1	REGENT PARK CAPITAL CONTRIBUTION	28	S2	05	907	330	132	745	287	2,401	859	3,260	0	0	0 0	0	3,260	0	(	0 0	0	0	3,260
0	9	REGENT PARK CAPITAL CONTRIBUTION - 2015 SC	- CW	S3	05	308	1,473	343	345	345	2,814	-737	2,077	0	0	0 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	0	5,337	0	(	0 0	0	C	0 5,337
WATS	907946	BUSINESS IT PROJECTS																						
0	1	BUSINESS INTELLIGENCE INITIATIVES	CW	S2	04	280	0	0	0	0	280	0	280	0	0	0	0	280	0	(	0 0	0	0	280

#### **CITY OF TORONTO**

Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	ture Year	Cash Flov	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
<u>Sub-</u> Prior		<u>t No. Project Name</u> oj 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	Reco	ebt - verable	Total Financing
WAT9	07946 <u>B</u>	JSINESS IT PROJECTS																						
0	2 B/	ACKFLOW INSPECTION PORTAL	CW	S2	04	0	200	200	0	0	400	0	400	0	(	0 0	0	400	C	0 0	0	0	0	400
0		NTERPRISE WORK MANAGEMENT YSTEM 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	0	5,143
0		NTERPRISE WORK MANAGEMENT YSTEM 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	0	1,966
0		JSINESS INTELLIGENCE IITIATIVES-2015 SC	CW	S3	04	-221	0	0	0	0	-221	0	-221	0	(	) 0	0	-221	C	0 0	0	0	0	-221
0	12 EI	DOCS- 2015 SC	CW	S3	04	150	150	0	0	0	300	0	300	0	(	) 0	0	300	C	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	0	7,868	C	0 0	0	0	0	7,868
WAT9	08087 <u>TI</u>	RUNK WATERMAIN																						
0	1 TI	RANSMISSION SYSTEM AUTOMATION	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	0	3,760
0	6 3F	RD PARTY RELOCATIONS (METROLIN)	K) CW	S4	04	500	500	500	250	250	2,000	0	2,000	0	(	) 0	0	2,000	C	0 0	0	0	0	2,000
		Sub-total				750	2,250	2,250	260	250	5,760	0	5,760	0	(	) 0	0	5,760	C	) 0	0	0	0	5,760
Tot	al Prog	ram Expenditure				318,558	338,592	267,878	100,353	35,568	1,060,949	14,088	1,075,037	0	(	91,001	0	945,574	C	0	38,462	0	0	1,075,037

Report Phase 2 - Program 10 Water Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

### **CITY OF TORONTO**

#### Gross Expenditures (\$000's)

#### Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

#### Water Program

-																			
	c	urrent and	Future Ye	ar Cash Fl	ow Comr	nitments ar	nd Estimate	s		Curre	ent and Fi	iture Year Ca	ash Flow C	commitme	nts and	Estimates	Finance	d 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 Subsidy	Developm Char	ent ges Reserve	Reserve s Funds		Other 1	Other2	Rec	Debt - coverable	Total Financing
Financed By:																			
Development Charges	19,761	16,795	35,400	13,906	4,974	90,836	165	91,001	0		0 91,0	01	0 0	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 91,0	01	945,574	0	(	38,462	0	0	1,075,037

#### Status Code Description

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

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

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

S5 S5 New (On-going or Phased Projects)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

06 Reserved Category 1 C06 07 Reserved Category 2 C07

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

#### **CITY OF TORONTO**

Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

						r																		
							Curre	ent and Fu	iture Year	Cash Flo	w Commitr	nents			Cur	rent and Fu	uture Year Ca	ash Flow	Comm	itments F	inanced	Ву		
<u>Sub</u> 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 I Subsidy	Development Charges	Re Reserves Fu	serve	Capital from Current	Other 1	Other2	Debt - Recovera Debt	ole Total Financi	
WAS	00007	ASHBRIDGES BAY WWTP REHAB																						
0	17	STANDBY POWER GENERATION	CW	S2	04	4,073	5	15	0	0	4,093	0	4,093	C	0 0	329	0	3,764	0	) 0	0	0	0 4,0	,093
0	19	FERROUS UPGRADES	CW	S2	03	475	6,072	6,700	3,185	255	16,687	0	16,687	o	0 0	1,350	0 1	15,337	0	) 0	0 0	0	0 16,6	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	0 1	15,162	0	) 0	0 0	0	0 15,1	162
0	41	POLYMER UPGRADE	CW	S2	03	825	800	9,900	12,200	9,580	33,305	2,800	36,105	C	0 0	0	0 3	36,105	0	) 0	0	0	0 36,1	105
0	46	Rehab of Grounds and Buildings	CW	S2	03	25	0	0	0	0	25	0	25	C	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	C	0 0	568	0	6,479	0	) 0	0	0	0 7,0	,047
0	49	PROCESS UPGRADES AND ODOUR CONTROL ENGINEERING	CW	S2	04	1,000	410	34	0	0	1,444	0	1,444	O	0 0	116	0	1,328	0	) 0	0	0	0 1,4	,444
0	189	PROCESS AND EQUIPMENT	CW	S2	03	3,191	3,610	4,004	4	0	10,809	0	10,809	O	0 0	0	0 1	10,809	0	) 0	0	0	0 10,8	,809
0	190	FACILITY AND GROUNDS	CW	S2	03	2,013	2,002	0	0	0	4,015	0	4,015	C	0 0	0	0	4,015	0	) 0	0	0	0 4,0	,015
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	C	0 0	0	0 1	10,500	0	) 0	0	0	0 10,5	500
0	216	OPERATIONS CENTRE - ENGINEERING	CW	S2	03	700	0	0	0	0	700	0	700	C	0 0	0	0	700	0	) 0	0	0	0 7	700
0	218	FERROUS UPGRADES - 2015 SC	CW	S3	03	-225	-1,572	200	2,153	195	751	0	751	C	0 0	60	0	691	0	) 0	0	0	0 7	751
0	219	PROCESS AND EQUIPMENT - 2015 SC	CW	S3	03	-596	1,023	-2,004	-4	0	-1,581	0	-1,581	C	0 0	0	0	-1,581	0	) 0	0 0	0	0 -1,5	581
0	220	GROUND AND FACILITIES - 2015 SC	CW	S3	03	869	-1,455	0	0	0	-586	0	-586	0	0 0	0	0	-586	0	) 0	0	0	0 -5	-586
0	221	POLYMER UPGRADE - 2015 SC	CW	S3	03	-325	-100	-5,900	800	3,420	-2,105	5,876	3,771	0	0 0	0	0	3,771	0	) 0	0	0	0 3,7	,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	C	0 0	0	0	358	0	) 0	0	0	0 3	358
0	224	BRIDGE UPGRADES	CW		03	200	1,100	2,500	2,600	100		0	6,500	0		0	0	6,500	0		) 0	0		,500
0	226	ABTP - ENVIRONMENTAL ASSESSMENT	CW		05	150	250	600	250	0	1,250	0	1,250	0		0	0	1,250	0	) 0	) 0	0		,250
0	227	AIR HEADER REHAB	CW	S4	03	100	700	1,200	0	0	2,000	0	2,000	0	0 0	0	0	2,000	0	) 0	0	0	0 2,0	,000
0	228	BLOWER BUILDING MAINTENANCE SHOP			04	100	100	300	0	0	500	0	500	0	0 0	0	0	500	0	) 0	) 0	0	0 5	500
0	229	D BUILDING PHASE 2		S4		150	700	3,600	1,200	50			5,700	0		0		5,700	0	, ,		0		,700
		HOT WATER LOOP MODIFICATIONS		S4		100	500	0	0	0		0	600	0				600	0			0		600
0	232	STANDBY POWER GENERATION-2015 S				-2,757	400	-13	0	0	_,	0	-2,370	0				-2,180	0		-	0		,370
0	233	P BLDG HEADWORKS ENG DESIGN&CONTRACT ADMIN-2015 SC	CW	S3	03	-831	-99	-148	881	0	-197	0	-197	0	0 0	-16	0	-181	0	) 0	0	0	0 -1	-197

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

						[					• •			i					-			_		
						,	Curre	ent and Fu	iture Year	Cash Flo	w Commitr	nents			Cur	rent and F	uture Year Ca	ash Flow	Comm	itments I	-inanced			
<u>Sub</u> Prio		vject No. <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 F	Ceserve C unds C	apital from urrent	Other 1	Other2	Rec	ebt - overable	Total Financing
		ASHBRIDGES BAY WWTP REHAB																						
0	234	ELECTRICAL REHAB - ECAP-2015 SC	CW	S3	01	-738	793	-501	-407	0	-853	0	-853	0	0	0	0	-853	0	C	0 0	0	0	-853
0	235	MOBILE GENERATORS-2015 SC	CW	<b>S</b> 3	04	29	0	0	0	0	29	0	29	o	0	0	0	29	0	C	0 0	0	0	29
0	236	REHAB OF GROUNDS & BUILDINGS-20 SC	015 CW	<b>S</b> 3	03	-25	0	0	0	0	-25	0	-25	0	0	0	0	-25	0	C	0	0	0	-25
0	237	PROCESS UPGRADES & ODOUR CONTROL ENG-2015 SC	CW	S3	04	280	145	276	0	0	701	0	701	0	0	57	0	644	0	C	0	0	0	701
0	238	SECURITY UPGRADES	CW	S4	04	200	1,200	1,550	0	0	2,950	0	2,950	0	0	0	0	2,950	0	C	0	0	0	2,950
0	240	OERATIONS CENTRE -ENGINEERING - 2015 SC	CW	S3	03	-300	0	0	0	0	-300	0	-300	0	0	0	0	-300	0	C	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 1	23,511	0	C	0	0	C	125,785
WAS	000115	HUMBER T.P.																						
0	9	CO-GENERATION	CW	S4	04	200	200	109	0	0	509	0	509	0	0	0	0	509	0	C	0	0	0	509
		Sub-total				200	200	109	0	0	509	0	509	0	0	0	0	509	0	C	0 0	0	(	509
WAS	000259	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	0	0	0	0	15,003	0	C	0 0	0	0	15,003
0	23	TRUNK SEWER REHABILITATION	CW	S2	03	170	0	0	0	0	170	0	170	0	0	0	0	170	0	C	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	0	0	0	0 3	34,740	0	C	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	0	0	0	0	1,000	0	C	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	0	0	0	0	7,520	0	C	0 0	0	0	7,520
0	39	TRUNK SEWER REHABILITATION - 201 2015 SC	4- CW	S3	03	-35	-1,025	2,382	1,386	7	2,715	0	2,715	0	0	0	0	2,715	0	C	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	0	0	0	0	400	0	C	0	0	0	400
0	41	TRUNK SEWER REHABILITATION-2015 SC	CW	S3	03	-147	15	0	0	0	-132	0	-132	0	0	0	0	-132	0	C	0	0	0	-132
		Sub-total				27,282	24,096	8,147	1,784	96	61,405	11	61,416	0	0	0	0 0	61,416	0	C	0 0	0	C	61,416
WAS	000442	BASEMENT FLOODING RELIEF																						
0	8	BASEMENT FLOODING STUDIES & EAS	s cw	S2	04	4,503	1,485	0	0	0	5,988	0	5,988	0	0	0	0	5,988	0	C	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	o	0	0	0 14	49,500	0	C	0	0	0	149,500
0	12	ROAD RESTORATION FOR BSMT FLDG	G CW	S2	04	772	0	0	0	0	772	0	772	o	0	0	0	772	0	C	0	0	0	772
0	14	BASEMENT FLOODING DESIGN - GROU 1	UP CW	S2	04	1,888	1,900	0	0	0	3,788	0	3,788	0	0	0	0	3,788	0	C	0	0	0	3,788

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#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	iture Year	Cash Flov	w Commitr	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
<u>Sub-</u> Priori		<u>xt No. Project Name</u> roj No. Sub-project Name V	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	Reco	ebt - overable	Total Financing
WAS0	00442 <u>B</u>	ASEMENT FLOODING RELIEF																						
0	18 B 2	ASEMENT FLOODING DESIGN - GROUP	CW	S2	04	5,900	5,500	5,500	25	0	16,925	0	16,925	0	C	0 0	0	16,925	0	0	0	0	0	16,925
0	19 B 2	ASEMENT FLOODING RELIEF - GROUP	CW	S2	04	41,222	39,832	49,299	1,500	0	131,853	0	131,853	0	C	0 0	0	131,853	0	0	0	0	0	131,853
0	20 B 3	ASEMENT FLOODING DESIGN - GROUP	CW	S2	04	3,000	4,000	5,000	5,000	4,000	21,000	4,000	25,000	0	C	0 0	0	25,000	0	0	0	0	0	25,000
0	29 B 1	ASEMENT FLOODING RELIEF - GROUP	CW	S2	04	9,710	11,675	75	0	0	21,460	0	21,460	0	C	0 0	0	21,460	0	0	0	0	0	21,460
0		SMT FLOODING PROTECTION SUBSIDY ROG - 2015 SC	CW	S3	04	5,500	0	0	-5,500	-5,500	-5,500	-22,000	-27,500	0	C	0 0	0	-27,500	0	0	0	0	0	-27,500
0		ASEMENT FLOODING STUDIES & EAS - 015 SC	CW	S3	04	-2,757	538	280	100	100	-1,739	0	-1,739	0	C	0 0	0	-1,739	0	0	0	0	0	-1,739
0		ASEMENT FLOODING RELIEF - GROUP - 2015 SC	CW	S3	04	2,881	-1,408	0	0	0	1,473	0	1,473	0	C	0 0	0	1,473	0	0	0	0	0	1,473
0		OAD RESTORATION FOR BSMT FLDG RJS - 2015 SC	CW	S3	04	408	800	0	0	0	1,208	0	1,208	0	C	0 0	0	1,208	0	0	0	0	0	1,208
0		ASEMENT FLOODING RELIEF-TUNNEL ROJ - 2015 SC	CW	S3	04	-9,485	-17,000	-7,000	-10,500	5,000	-38,985	40,000	1,015	0	C	0 0	0	1,015	0	0	0	0	0	1,015
0		ASEMENT FLOODING RELIEF - GROUP - 2015 SC	CW	S3	04	-11,832	-10,330	17,099	43,569	2,000	40,506	0	40,506	0	C	0 0	0	40,506	0	0	0	0	0	40,506
0	77 B 4	ASEMENT FLOODING DESIGN - GROUP	CW	S4	04	1,170	4,030	6,030	10,000	13,270	34,500	75,860	110,360	0	C	0 0	0	110,360	0	0	0	0	0	110,360
0		ASEMENT FLOODING DESIGN - GROUP -2015 SC	CW	S3	04	-363	-1,375	1,397	129	0	-212	0	-212	0	C	0 0	0	-212	0	0	0	0	0	-212
0		ASEMENT FLOODING DESIGN - GROUP -2015 SC	CW	S3	04	-1,350	-1,575	799	975	334	-817	21	-796	0	C	0 0	0	-796	0	0	0	0	0	-796
0		ASEMENT FLOODING DESIGN - GROUP 2015 SC	CW	S3	04	-752	-1,239	-2,885	-4,322	-721	-9,919	-4,000	-13,919	0	C	0 0	0	-13,919	0	0	0	0	0	-13,919
0		ASEMENT FLOODING STUDIES & AS-CW IMPLEMENTATION	CW	S2	04	3,500	3,500	4,950	0	0	11,950	0	11,950	0	C	0 0	0	11,950	0	0	0	0	0	11,950
0		ASEMENT FLOODING STUDIES & AS-CW IMP-2015 SC	CW	S3	04	-950	3,500	4,550	5,000	0	12,100	0	12,100	0	C	0 0	0	12,100	0	0	0	0	0	12,100
1		ASEMENT FLOODING RELIEF - ACKFLOW GRANTS	CW	S2	04	0	5,500	5,500	5,500	5,500	22,000	22,000	44,000	0	C	0 0	0	44,000	0	0	0	0	0	44,000
		Sub-total				62,965	81,333	127,594	91,976	53,983	417,851	115,881	533,732	0	C	0 0	0	533,732	0	0	0	0	0	533,732
WAS0	00521 <u>H</u>	IGHLAND CREEK WWTP - BUILDING SEF	RV &																					
0	з н	CTP BLDG REHAB & IMPROVEMENTS	CW	S2	03	4,262	4,000	3,000	0	0	11,262	0	11,262	0	C	0 0	0	11,262	0	0	0	0	0	11,262
0	7 Н	CTP Bldg Rehab and Impro - 2015 SC	CW	S3	03	-3,262	-500	1,000	4,000	2,800	4,038	0	4,038	0	C	0 0	0	4,038	0	0	0	0	0	4,038
		Sub-total				1,000	3,500	4,000	4,000	2,800	15,300	0	15,300	0	C	0 0	0	15,300	0	0	0	0	0	15,300
WAS9	06322 <u>V</u>	&WW LABORATORIES																						
0	9 L.	AB EQUIPMENT	CW	S2	03	186	0	0	0	0	186	0	186	0	C	0 0	0	186	0	0	0	0	0	186

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#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

						Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rrent and F	uture Year	Cash Flo	w Comm	itments	Finance	d By		
	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 - Recoverable ot	Total Financing
WAS9063	322 W&WW LABORATORIES																						
0 26	LAB EQUIPMENT - 2015 SC	CW	S3	03	-66	120	150	210	0	414	0	414	۵	0	0	0	414	0		0	0	0 0	414
	Sub-total				120	120	150	210	0	600	0	600	0	0	0	0	600	0	l	0	0	0 0	600
WAS9063	328 SWM END OF PIPE FACILITIES																						
09	NORTH TORONTO CSO CONSTR	CW	S2	04	5,389	2,500	0	0	0	7,889	0	7,889	C	0	633	0	7,256	0		0	0	0 0	7,889
0 11	Bonar Creek Construction	CW	S2	04	1,000	2,150	5,400	5,250	2,450	16,250	150	16,400	C	0	1,320	0	15,080	0		0	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	O	0	435	0	4,965	0		0	0	0 0	5,400
0 52	Scarborough Waterfront Construction - 2 SC	2015 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	O	0	112	0	1,288	0		0	0	0 0	1,400
0 54	NORTH TORONTO CSO CONSTR-2015			04	11	-349	0	0	0	-338	0	-338	0	0			-313	0		-	0	0 0	-338
0 55	Bonar Creek Construction-2015 SC Sub-total	CW	S3	04	-500 10,400	-1,750	6,550	1,950	120	-180 45,171	0 33,350	-180 78,521	0	0			-165 72,201	0		-	0	0 0	-180 78,521
	Sub-total				10,400	4,001	0,330	11,200	12,170	43,171	33,330	70,521	0	0	0,320	0	72,201	0		0	0	0 0	70,521
WAS9063	331 SWM SOURCE CONTROL PROG																						
09	DOWNSPOUT DISCONNECTION PROGRAM	CW	S2	04	150	250	150	150	0	700	0	700	C	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	C	0	0	0	-100	0	1	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	380 HIGHLAND CREEK WWTP - ODOUR C	ONTROL																					
0 1	ODOUR CONTROL UPGRADES - PHAS ENG	SE 1 CW	S2	04	1,310	1,280	1,600	780	5	4,975	0	4,975	C	0	398	0	4,577	0		0	0	0 0	4,975
0 2	ODOUR CONTROL UPGRADES PHAS CONST	E1 CW	S2	02	16,140	13,700	14,200	14,320	10,000	68,360	0	68,360	C	0	5,504	0	62,856	0		0	0	0 0	68,360
0 16	ENG-2015 SC				-805	195	320	320	800	830	0	830	O	0	71	0	759	0		0	0	0 0	830
0 17	CONSTR-2015 SC	SE 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
WAS9064	486 ASHBRIDGES BAY T.P III YR2004																						
03	PCS-PLANT SRVS	CW	S2	04	1,530	50	30	0	0	1,610	0	1,610	O	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	O	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	O	0	0	0	-800	0		0	0	0 0	-800

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#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

						Curr	ent and F	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and Fu	ture Year	Cash Flow	v Commi	itments F	inanced	Ву		
	oject No. <u>Project Name</u> 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		bt - /erable	Total Financing
WAS90648																							
0 46	PCS-PLANT SRVS-2015 SC	CW	S3	04	-35	0	0	0	0	-35	0	-35	C	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
WAS90648	37 HIGHLAND CREEK T.P IV YR2004																						
0 2	PCS PLANT SERVICES	CW	S2	04	108	3	0	0	0	111	0	111	C	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	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
WAS90648	8 HUMBER T.P II YR2004																						
0 2	PCS PLANT SERVICES	CW	S2	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	S3	04	-25	0	0	7	0	-18	0	-18	C	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
WAS90649	2 WET WEATHER FLOW MP																						
0 1	SWM INA-EA	CW	S2	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	S2	04	500	500	0	0	0	1,000	0	1,000	С	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	C	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	C	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	C	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	С	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	C	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	C	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	C	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	C	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	C	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	C	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	C	0 0	-88	0	-1,012	0	0	0	0	0	-1,100

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#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

USE NOT SUPPORT WARK AND			•																						
Bab         Project Main								Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and F	uture Year	Cash Flo	w Comm	nitments	Financed	d By		
NUMBER         VALUATION LUMP         VALUATION LUMP<		_		Ward	Stat.	. Cat.	2015	2016	2017	2018	2019				Grants and	Federal I Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2		Recoverable	Total Financing
Subvisit			, ,,																						
Normal Services Asset PLANNING         Normal	0	66	SWM CONVEYANCE 2013- 2015 SC	CW	S3	04	681	292	0	0	0	973	0	973	C	) 0	79	0	894	0	) (	) (	)	0 0	973
0       5       Sever Asset Planning       CW 52 d3       1,255       615       0       2.44       0       0       16       0       2,44       0 <td></td> <td></td> <td>Sub-total</td> <td></td> <td></td> <td></td> <td>13,502</td> <td>21,972</td> <td>6,857</td> <td>11,068</td> <td>2,250</td> <td>55,649</td> <td>0</td> <td>55,649</td> <td>С</td> <td>0</td> <td>779</td> <td>0</td> <td>54,870</td> <td>0</td> <td>) (</td> <td>) (</td> <td>0</td> <td>0 0</td> <td>55,649</td>			Sub-total				13,502	21,972	6,857	11,068	2,250	55,649	0	55,649	С	0	779	0	54,870	0	) (	) (	0	0 0	55,649
v       vert       vert <t< td=""><td>WAS</td><td>906495</td><td>SEWER ASSET PLANNING</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	WAS	906495	SEWER ASSET PLANNING																						
V       V	0	5	Sewer Asset Planning	CW	S2	03	1,825	615	0	0	0	2,440	0	2,440	(	) 0	196	0	2,244	0	) (	) (	D	0 0	2,440
STUDIES         STUDIES         STUDIES         CW & S & 0.         6.75         2.804         4.000         2.405         10.379         0         10.379         0.0         8.35         0         9.544         0.0        <	0	7	Sewer System Inspection	CW	S2	03	14,184	12,000	12,000	12,000	11,000	61,184	4,000	65,184	C	0 0	0	0	65,184	0	) (	) (	)	0 0	65,184
2       3       SEWER SYSTEM INSPECTION 2015 SC       CW       83       0       1,213       1,055       2,049       100       6,070       12,495       6,428       0       0       6,428       0       0       6,428       0       0       6,428       0	0	21		CW	S2	05	180	0	0	0	0	180	0	180	(	) 0	0	0	180	0	) (	) (	)	0 0	180
No.       No.       No.       Solution	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	10,379
STUDIES-OTISSC       Instant of the server construction       Instant of the server construction<	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	6,428	0	) (	) (	)	0 0	6,428
VAAS006500         NEW SEWER CONSTRUCTION         VAAS006500         NEW SEWERS         CW         S2         OS         B10         O         O         O         B10         O         O         O         B10         B10         O         O         O         B10         D         B10         D         B10         D         D         B10         D         B10         D         B10         D         D         B10         B10         D         D         B10         D         D         D         B10         D         D         D         B10         D         D         D         B10         D <thd< th="">         D         <thd< th=""> <thd< th=""></thd<></thd<></thd<>	0	27		CW	S3	05	-30	150	0	0	0	120	0	120	(	0 0	0	0	120	0	) (	) (	)	0 0	120
NEW SEWERS       CW S2 05       B810       0			Sub-total				11,658	16,782	14,945	12,351	12,500	68,236	16,495	84,731	C	0	1,031	0	83,700	0	) (	) (	0	0 0	84,731
0       23       NEW SEWERS - 2015 SC       CW S3       0       -310       1.000       0       0       0       0       0       4400       0       4400       0       420       0       22100       0       22100       0	WAS	906500	NEW SEWER CONSTRUCTION																						
0       24       WATERFRONT SANTARY MASTER       CW       S4       0       3,00       5,000       5,000       5,000       10,00       25,000       44,000       0       22,000       0       22,000       0       0       0       0       22,000       0	0	5	NEW SEWERS	CW	S2	05	810	0	0	0	0	810	0	810	C	) 0	504	0	306	0	) (	) (	0	0 0	810
SERVICING PLAN IMP       SERVICING PLAN IMP       CW S4 05       2.00       4.000       2.000       0	0	23	NEW SEWERS - 2015 SC	CW	S3	05	-310	1,000	0	0	0	690	0	690	(	) 0	429	0	261	0	) (	) (	)	0 0	690
UPGRADES       Sub-dotal       Image: Sub-dotal	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	(	) 0	22,000	0	22,000	0	) (	) (	)	0 0	44,000
WASS06735       DIST SEWER REHABOPS YR2005       Image: Contract of the set of the	0	25		CW	S4	05	2,000	4,000	2,000	0	0	8,000	0	8,000	(	) 0	8,000	0	0	0	) (	) (	)	0 0	8,000
0       0			Sub-total				3,500	8,000	7,000	5,000	5,000	28,500	25,000	53,500	C	0	30,933	0	22,567	0	) (	) (	0	0 0	53,500
UPGRADES       Sub-total	WAS	906735	DIST SEWER REHAB OPS YR2005																						
WAS906741       HIGHLAND CREEK TP YR2005       Image: constrained by the second	0	10		CW	S2	03	388	12	0	0	0	400	0	400	(	) 0	32	0	368	0	) (	) (	)	0 0	400
0       1       WAS THICKENING AND DEWATERING       CW       S2       03       317       313       0       5       0       635       0       635       0       0       51       0       584       0			Sub-total				388	12	0	0	0	400	0	400	C	0	32	0	368	0	) (	) (	0	0 0	400
ENG       Na STHICKENING AND DEWATERING - CW S3 03       -195       -198       5       -5       0       -393       0       -393       0       0       -32       0       -361       0	WAS	906741	HIGHLAND CREEK TP YR2005																						
ENG-2015 SC     Image: Constraint of the second secon	0	1		CW	S2	03	317	313	0	5	0	635	0	635	(	) 0	51	0	584	0	) (	) (	)	0 0	635
WAS906742         HUMBER TP YR2005         Image: Constraint of the second secon	0	17		CW	S3	03	-195	-198	5	-5	0	-393	0	-393	(	0 0	-32	0	-361	0	) (	) (	)	0 0	-393
			Sub-total				122	115	5	0	0	242	0	242	C	0	19	0	223	0	) (	) (	0	0 0	242
0 6 HEADHOUSE UPGRADES Phase 1 CW S2 03 40 0 0 0 40 0 40 0 40 0 40 0 36 0 0 0 0 0	WAS	906742	HUMBER TP YR2005																						
	0	6	HEADHOUSE UPGRADES Phase 1	CW	S2	03	40	0	0	0	0	40	0	40	0	) 0	4	0	36	0	) (	) (	)	0 0	40

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curr	ent and Fu	iture Year	Cash Flov	v Commitr	nents			Cu	rrent and F	uture Year C	ash Flo	w Comm	itments I	Financed	ΙВу		
<u>Sub</u> Pric		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	R Reserves	eserve Funds	Capital from Current	Other 1	Other2		Debt - ecoverabl	e Total Financing
WAS	906742	HUMBER TP YR2005																						
0	8	ODOUR CONTROL ENGINEERING	CW	S2	04	1,213	421	100	101	0	1,835	0	1,835	о	C	0 0	0	1,835	0	C	) 0		0	0 1,835
0	53	ODOUR CONTROL ENGINEERING-2015 SC	CW	S3	04	560	1,329	74	-1	101	2,063	0	2,063	o	C	0 0	0	2,063	0	C	) 0		0	0 2,063
0	54	HEADHOUSE UPGRADES PHASE 1 - 2015 SC	5 CW	S3	03	-20	0	0	0	0	-20	0	-20	0	C	-2	0	-18	0	C	) 0		0	0 -20
		Sub-total				1,793	1,750	174	100	101	3,918	0	3,918	0	C	2	0	3,916	0	C	) C	)	0	0 3,918
WAS	906743	ASHRIDGES BAY TP YR2005																						
0	1	Process & Equip Upgrades	CW	S2	03	660	322	458	82	0	1,522	0	1,522	0	C	123	0	1,399	0	C	) 0		0	0 1,522
0	51	SERVICE AIR UPGRADES - 2015 SC	CW	S3	03	-2,500	-450	2,450	-29	0	-529	0	-529	0	C	0 0	0	-529	0	C	) 0		0	0 -529
0	52	MISC MECH ENGINEERING-2015 SC	CW	S3	03	-480	583	-183	768	0	688	0	688	0	C	54	0	634	0	C	) 0		0	0 688
0	53	M & T RETROFIT-2015 SC	CW	S3	03	164	409	0	0	0	573	0	573	0	C	0 0	0	573	0	C	) 0		0	0 573
1	4	M & T IMPROVEMENTS (EQUIPMENT)	CW	S2	03	1,026	0	0	0	0	1,026	0	1,026	0	C	0 0	0	1,026	0	C	) 0		0	0 1,026
1	7	SERVICE AIR UPGRADES	CW	S2	03	4,900	2,850	550	617	0	8,917	0	8,917	0	C	0 0	0	8,917	0	C	) 0		0	0 8,917
		Sub-total				3,770	3,714	3,275	1,438	0	12,197	0	12,197	0	C	) 177	0	12,020	0	C	) C	)	0	0 12,197
WAS	906755	WESTERN BEACHES RETROFIT																						
0	1	WESTERN BEACHES RETROFIT	CW	S2	03	3,015	2,550	0	0	0	5,565	0	5,565	0	C	) 447	0	5,118	0	C	) 0		0	0 5,565
0	10	WESTERN BEACHES RETROFIT-2015 SC	CW	S3	03	-1,812	1,550	1,000	0	0	738	0	738	о	C	60	0	678	0	C	) 0		0	0 738
		Sub-total				1,203	4,100	1,000	0	0	6,303	0	6,303	0	C	507	0	5,796	0	C	) C	)	0	0 6,303
WAS	906926	OPERATIONAL SUPPORT																						
0	6	FACILITY RENOVATION	CW	S2	04	1,000	0	0	0	0	1,000	0	1,000	0	C	0 0	0	1,000	0	C	) 0		0	0 1,000
0	7	RENOVATION - MERTON STREET	CW	S2	04	360	0	0	0	0	360	0	360	0	C	0 0	0	360	0	C	) 0		0	0 360
0	23	HAND HELD DEVICES - UPDATED	CW	S2	04	150	0	0	0	0	150	0	150	0	C	0 0	0	150	0	C	) 0		0	0 150
0	40	WWTP PLC PLATFORM UPGRADE	CW	S2	04	3,642	5,500	5,000	4,300	500	18,942	0	18,942	о	C	0 0	0	18,942	0	C	) 0		0	0 18,942
0	88	DIVISIONAL SECURITY - 2015 SC	CW	S3	04	720	0	0	0	0	720	0	720	о	C	0 0	0	720	0	C	) 0		0	0 720
0	89	FACILITY RENOVATION - 2015 SC	CW	S3	04	0	1,000	0	0	0	1,000	0	1,000	о	C	0 0	0	1,000	0	C	) 0		0	0 1,000
0	90	DESIGNATED SUBSTANCE ABATEMENT - 2015 SC	CW	S3	02	100	100	0	0	0	200	0	200	о	C	0 0	0	200	0	C	) 0		0	0 200
0	91	PCS UPGRADES FOR WASTEWATER TREATMENT - 2015 SC	CW	S3	04	-2,062	-2,320	774	1,480	4,893	2,765	50	2,815	0	C	0 0	0	2,815	0	C	) 0		0	0 2,815

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# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							-						1	Г	-				-			_		
							Curre	ent and Fu	iture Year	Cash Flo	v Commitr	nents			Cur	rent and F	uture Year	Cash Flo	w Comm	itments F	inanced	,		
<u>Sub</u> Prio		ject No. <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	Deb Recove Debt		Total Financing
		OPERATIONAL SUPPORT																						
0	92	NORTHLINE: BUILDING DEMO AND PAVING	CW	S4	01	300	0	0	0	0	300	0	300	C	) 0	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	0	C	) 0	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	C	0	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	) 0	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	) 0	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	) 0	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	) 0	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	) 0	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	C	0 0	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	C	) 0	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	C	) 0	-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	C	) 0	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	C	) 0	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	0	) 0	39	0	448	0	0	0	0	0	487
0	72	SEWER REHABILITATION-2015 SC		S3	03	8,942	-4,080	-13,600	4,500	0	-4,238	0	-4,238	C				-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	(				271	0	-	0	0	0	271
		Sub-total				35,068	39,822	30,412	10,800	3,665	119,767	1,056	120,823	0	0	2,001	0	118,822	0	0	0	0	0	120,823
WAS	906960	STREAM RESTORATION & EROSION CO	<u>NTRC</u>																					
0	1	HIGHLAND CREEK STREAM RESTORATION	CW	S2	04	1,000	0	0	0	0	1,000	0	1,000	C	) 0	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	) 0	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	C	) 0	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	) 0	-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	C	0 0	914	0	10,459	0	0	0	0	0	11,373

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# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

		•																						
							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Curr	ent and Fu	iture Year	Cash Flo	w Commi	tments I	Financed	Ву		
		oject No. <u>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 D Subsidy	evelopment Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Re	Debt - coverable	Total Financing
WA	S906960	STREAM RESTORATION & EROSION CO	ONTRC																					
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	C	) 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	C	) 0	(	) (	28,036
WA	S906964	4 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	с	0 0	0	0	64	0	C	) 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	C	0	0	0	-20	0	C	) 0	0	0	-20
		Sub-total				44	0	0	0	0	44	0	44	0	0	0	0	44	0	C	) 0	(	) (	44
WA	S906966	6 SWM TRCA FUNDING																						
0	18	TORONTO WATER TRANSFER TO TRC/ CAPITAL - 2015 SC	A CW	<b>S</b> 3	04	4,069	0	0	0	0	4,069	0	4,069	с	0 0	327	0	3,742	0	C	) 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	C	0 0	(	) (	4,069
WA	S906968	8 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	C	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	0	2,649	0	C	) 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	С	0	0	0	-7,209	0	C	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	C	) 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	C	) 0	(	) (	39,344
WA	S906973	3 SEWER REPLACEMENT PROGRAM																						
0	24	SEWAGE FORCEMAIN REPLACEMENT	CW	S2	03	1,662	0	0	0	0	1,662	0	1,662	С	0 0	0	0	1,662	0	C	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	0	2,122	0	C	) 0	0	0	2,122
0	35	SEWER REPLACMENT - 2013 PROGRAM	M CW	S2	03	3,204	0	0	0	0	3,204	0	3,204	С	0 0	259	0	2,945	0	C	) 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	0	15,580	0	C	) 0	0	0	15,580
0	44	COXWELL TRUNK EMERGENCY REPAIL	R CW	S2	03	1,559	0	0	0	0	1,559	0	1,559	С	0	0	0	1,559	0	C	) 0	0	0	1,559
0	46	WATERFRONT STORMWATER INFRASTRUCTURE	CW	S2	04	2,750	0	0	0	0	2,750	0	2,750	C	0 0	1,544	0	1,206	0	C	) 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	C	0	2,324	0	1,237	0	C	) 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	C	0	0	0	5,552	0	C	) 0	0	0	5,552
0	59	FORCEMAIN REPLACEMENT - 2015 SC	CW	S3	03	-1,000	1,505	5	0	0	510	0	510	С	0 0	0	0	510	0	C	) 0	0	0	510

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## CITY OF TORONTO

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

Image: state with the state of th	L	0																					
Sub:         Expect Name							Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Curr	ent and Fu	uture Year Cash	Flow Comr	nitments I	Financed	Ву		
NEXPOSE         Server Repl. C-bit PROGRAM. 2015         CW         S3         03         54.9         CM         03         04.9         0.9         0.9         0.3,883         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         0.3,833         0.0         <			Ward	Stat.	Cat.	2015	2016	2017	2018	2019				Grants and	Federal <sub>D</sub> Subsidy	evelopment Charges	Reser Reserves Fund	Capital ve from s Current	Other 1	Other2		erable	Total Financing
sc         or         or<	WAS906973	3 SEWER REPLACEMENT PROGRAM																					
Jo         SC         SEWER REPLC-2015 PROGRAM         CW         5         10.68         6.73         5.49         0         2.288         0.0         2.288         0.0         2.2888         0.0         2.2888         0.0         2.2888         0.0         2.2888         0.0         2.2888         0.0         2.013         0.0	0 60		CW	S3	03	-3,593	104	0	0	0	-3,489	0	-3,489	C	0	0	0 -3,4	89	0 C	) 0	0	0	-3,489
No.       S.3.       2012 SEVER REPLC-2015 SC       CW       S3.       0.	0 61		CW	S3	03	-2,188	-1,551	804	1,297	1,786	148	0	148	C	0	0	0 1	48	0 C	) 0	0	0	148
Image: Addition of the addition	0 62	SEWER REPLC - 2015 PROGRAM	CW	S4	03	10,635	6,732	5,491	0	0	22,858	0	22,858	C	0	1,840	0 21,0	18	0 C	) 0	0	0	22,858
0         65         INTERFECTION STORNWATER INFRASTICUTURE - 2015 SC         CW 53         64         6.500         4.000         0         0         0         0         0         0         0         0         0.00<	0 63	2012 SEWER REPLC-2015 SC	CW	S3	03	-803	1,279	0	0	0	476	0	476	O	0	0	0 4	76	0 C	) 0	0	0	476
INFRASTRUCTURE - 2015 SC         INFRASTRUCTURE - 2015 SC         INFRASTRUCTURE - 2015 SC         INFR - 20	0 64	2013 SEWER REPLC-2015 SC	CW	S3	03	-1,844	517	0	0	0	-1,327	0	-1,327	o	0	-108	0 -1,2	19	о с	) 0	0	0	-1,327
INFR         201         67         COXWELL EMERGENCY TRUNK REPAIR         CW         SS         A         A         S         54         0         0         1.323         0         1.323         0         0         1.323         0         0         1.323         0         0         1.323         0	0 65		CW	S3	04	6,500	4,000	0	0	0	10,500	0	10,500	o	0	7,121	0 3,3	379	о с	) 0	0	0	10,500
VIAS         VIAS <th< td=""><td>0 66</td><td></td><td>CW</td><td>S3</td><td>04</td><td>7,439</td><td>4,020</td><td>0</td><td>0</td><td>0</td><td>11,459</td><td>0</td><td>11,459</td><td>O</td><td>0</td><td>7,498</td><td>0 3,9</td><td>61</td><td>0 C</td><td>) 0</td><td>0</td><td>0</td><td>11,459</td></th<>	0 66		CW	S3	04	7,439	4,020	0	0	0	11,459	0	11,459	O	0	7,498	0 3,9	61	0 C	) 0	0	0	11,459
WASSOGREGE         ASHBRIDGES BAY TP. YR2006         VIC         VIC        VIC         VIC	0 67		- CW	S3	03	-1,383	54	0	0	0	-1,329	0	-1,329	O	0	0	0 -1,3	29	0 C	) 0	0	0	-1,329
Neblation Agreement MPLEMENTATION - PART 2         CW         S2         04         25         0         0         0         25         0         25         0         23         0         0         0         0           0         9         DEWATERING EQUIPMENT UPGRADES         CW         S2         03         2,226         0         0         4,256         0         4,256         0         0         3,43         0         3,913         0         0         0         0         0         3,913         0         0         0         0         0         0         0         3,913         0 <t< td=""><td></td><td>Sub-total</td><td></td><td></td><td></td><td>44,446</td><td>20,268</td><td>7,396</td><td>1,900</td><td>1,786</td><td>75,796</td><td>0</td><td>75,796</td><td>0</td><td>0</td><td>20,478</td><td>0 55,3</td><td>18</td><td>0 C</td><td>) 0</td><td>0</td><td>0</td><td>75,796</td></t<>		Sub-total				44,446	20,268	7,396	1,900	1,786	75,796	0	75,796	0	0	20,478	0 55,3	18	0 C	) 0	0	0	75,796
IMPLEMENTATION - PART 2       Implementation - PART 2 <td>WAS906980</td> <td>0 ASHBRIDGES BAY T.P. YR2006</td> <td></td> <td></td> <td>ĺ</td> <td></td>	WAS906980	0 ASHBRIDGES BAY T.P. YR2006			ĺ																		
0       36       DEWATERING EQUIPMENT UPGRADES-2015 SC       CW       S3       03       -1,716       1,049       0       0       -1,887       0       0       -153       0       -1,734       0       0       0       0       0         0       37       MEDIATION AGREEMENT IMPLEMENTATION-2015 SC       CW       S3       04       -25       0       0       -25       0       -25       0       -25       0       0       -23       0	08		CW	S2	04	25	0	0	0	0	25	0	25	C	0	2	0	23	0 C	) 0	0	0	25
UPGRADES-2015 SC         UPGRADES-2015 SC<	09	DEWATERING EQUIPMENT UPGRADES	CW	S2	03	2,030	2,226	0	0	0	4,256	0	4,256	O	0	343	0 3,9	13	0 C	) 0	0	0	4,256
IMPLEMENTATION- 2015 SC       Sub-total       Implementation- 2015 SC       Sub-total       Implementation- 2015 SC       Sub-total       Sub-total <t< td=""><td>0 36</td><td></td><td>CW</td><td>S3</td><td>03</td><td>-1,220</td><td>-1,716</td><td>1,049</td><td>0</td><td>0</td><td>-1,887</td><td>0</td><td>-1,887</td><td>o</td><td>0</td><td>-153</td><td>0 -1,7</td><td>34</td><td>0 C</td><td>) 0</td><td>0</td><td>0</td><td>-1,887</td></t<>	0 36		CW	S3	03	-1,220	-1,716	1,049	0	0	-1,887	0	-1,887	o	0	-153	0 -1,7	34	0 C	) 0	0	0	-1,887
WAS906981       HIGHLAND CREEK WWTP UPGRADES       CW       S2       04       2,780       1,323       610       620       620       5,953       459       6,412       0       0       0       6,412       0       0       0       0,412       0	0 37		CW	S3	04	-25	0	0	0	0	-25	0	-25	C	0	-2	0	-23	о с	0 0	0	0	-25
0       1       PROCESS & FACILITY UPGRADE       CW       S2       04       2,780       1,323       610       620       620       5,953       459       6,412       0       0       6,412       0       0       0       0       6,412       0		Sub-total			Ī	810	510	1,049	0	0	2,369	0	2,369	0	0	190	0 2,1	79	0 C	) 0	0	0	2,369
0       3       BIOSOLIDS TREATMENT UPGRADES       CW       S2       03       10,892       20,650       20,081       9,150       30       60,803       0       60,803       0       4,917       0       55,886       0       0       0       0       0       0       4,917       0       55,886       0 <td< td=""><td>WAS90698</td><td>1 HIGHLAND CREEK WWTP UPGRADES</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	WAS90698	1 HIGHLAND CREEK WWTP UPGRADES																					
0       5       TRANSFORMERS AND SWITCHGEAR       CW       S2       05       1,000       1,250       1,690       1,200       5,140       0       5,140       0       0       414       0       4,726       0	0 1	PROCESS & FACILITY UPGRADE	CW	S2	04	2,780	1,323	610	620	620	5,953	459	6,412	O	0	0	0 6,4	12	о с	) 0	0	0	6,412
0 7 MECH & ELECTRICAL UPGRADE 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 0 0 0 0 0 0 0 0 0 0 0 0 0 0	03	BIOSOLIDS TREATMENT UPGRADES	CW	S2	03	10,892	20,650	20,081	9,150	30	60,803	0	60,803	O	0	4,917	0 55,8	86	о с	) 0	0	0	60,803
ENGINEERING	05	TRANSFORMERS AND SWITCHGEAR	CW	S2	05	0	1,000	1,250	1,690	1,200	5,140	0	5,140	O	0	414	0 4,7	26	0 C	) 0	0	0	5,140
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 0 11,465 0 0 0 0	07		CW	S2	03	1,467	57	0	0	0	1,524	0	1,524	C	0	0	0 1,5	524	0 C	) 0	0	0	1,524
	08	DIGESTER GAS SYSTEM UPGRADES	CW	S2	03	1,785	4,950	4,680	50	0	11,465	0	11,465	C	0	0	0 11,4	65	0 C	) 0	0	0	11,465
0 16 MECH SYSTEMS UPGRADES - CONSTR CW S2 03 731 0 0 0 0 731 0 731 0 731 0 0 0 0 731 0 0 0 0	0 16	MECH SYSTEMS UPGRADES - CONSTR	CW	S2	03	731	0	0	0	0	731	0	731	C	0	0	0 7	31	0 C	) 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 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 13,6	602	0 C	) 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 1,076 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 31	ELEC SYSTEM UPGRADES - CONSTR	CW	S2	03	1,076	0	0	0	0	1,076	0	1,076	O	0	0	0 1,0	76	о с	0 0	0	0	1,076

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

ı																								
							Curr	ent and Fu	ture Year	Cash Flov	w Commitn	nents			Cur	rent and Fu	uture Year Cas	sh Flow (	Comm	itments F	inanced	Ву		
<u>Sub</u> Pric	_	oject No. <u>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	Res Reserves Fu	serve f	apital rom urrent	Other 1	Other2	Debt Recover Debt		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	O	0	0	0 2	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	C	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	C	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	C	0	994	0 1	1,366	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	C	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	O	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	C	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	C	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	C	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	C	0	0	0 1	2,400	0	0	0	0	0	12,400
0	94	PROCESS & FACILITY UPGRADE-2015 SC	C CW	S3	04	8	787	340	55	107	1,297	509	1,806	C	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	C	0	-2,073	0 -2	3,573	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	C	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	C	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	C	0	0	0 -	1,205	0	0	0	0	0	-1,205
0	99	ELECTRICAL UPGRADES - ECAR-2015 SC	C 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				0,380	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 14	5,087	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	C	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	C	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	o	0	0	0 1	3,829	0	0	0	0	0	13,829

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

## **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	uture Year	Cash Flov	w Commitn	nents			Cur	rent and Fu	uture Year	Cash Flo	w Comm	itments I	inanced	Ву		
<u>Sub</u> Prio		<u>iject 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 I Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recovera Debt		Total Financing
WAS	906982	HUMBER WWTP UPGRADES																						
0	8	NEW GROUNDSKEEPING BUILDING an RAS Control Room	d 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
0	73	ADMIN BUILDING EXPANSION - 2015 SC	c cw	S3	04	-250	-150	300	100	260	260	310	570	0	0	0	0	570	0	0	0	0	0	570
0	74	HVAC UPGRADES - 2015 SC	CW	S3	03	-3,400	3,064	3,337	8	3	3,012	0	3,012	0	0	0	0	3,012	0	0	0	0	0	3,012
0	75	HYDRAULIC ASSESSMENT	CW	S4	03	50	200	0	0	0	250	0	250	0	0	0	0	250	0	(	0	0	0	250
0	76	CHLORINE FACILITY UPGRADE-2015 S	c cw	S3	01	-19	914	9	0	0	904	0	904	0	0	0	0	904	0	(	0	0	0	904
0	77	ELECTRICAL CONDITION ASSESSMENT -2015 SC	T CW	S3	01	-1,057	-2,357	2,518	650	-750	-996	-1,750	-2,746	0	0	0	0	-2,746	0	0	0	0	0	-2,746
0	78	NEW SUBSTATION-2015 SC	CW	S3	03	668	-2,536	3	0	0	-1,865	0	-1,865	0	0	0	0	-1,865	0	0	0	0	0	-1,865
0	79	NEW GROUNDSKEEPING BUILDING-20 SC	15 CW	S3	01	850	227	0	0	0	1,077	0	1,077	0	0	0	0	1,077	0	0	0	0	0	1,077
0	80	FLOOD PROTECTION-2015 SC	CW	S3	02	-250	0	0	0	0	-250	0	-250	0	0	0	0	-250	0	0	0	0	0	-250
0	85	BUILDING UPGRADES ENGINEERING- 2015 SC	CW	S3	03	370	60	10	0	0	440	0	440	0	0	0	0	440	0	(	0	0	0	440
		Sub-total				9,137	8,007	8,647	3,018	1,263	30,072	310	30,382	0	0	0	0	30,382	0	0	0	0	0	30,382
WAS	906994	HIGHLAND CREEK WWTP - SOLIDS & G	GAS HA																					
0	1	HCTP BIOSOLIDS IMPLEMENTATION - ENGINEERING	CW	S2	04	4,300	3,000	3,000	3,000	2,000	15,300	500	15,800	0	0	1,270	0	14,530	0	0	0	0	0	15,800
0	3	WAS THICKENING AND DEWATERING CONSTR	CW	S2	03	3,000	4,047	0	0	0	7,047	0	7,047	0	0	568	0	6,479	0	0	0	0	0	7,047
0	13	HIGHLAND CREEK WWTP - BMP IMPLEMENTATION - 2015 SC	CW	S3	04	-3,654	100	1,050	-1,500	1,000	-3,004	4,000	996	0	0	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	-2,947	0	0	-238	0	-2,709	0	0	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	0	20,896
WAS	907038	Land Acquisition for Source Water Protect																						
0	13	TRCA - CRITICAL EROSION SITES	CW	S2	04	7,000	0	0	0	0	7,000	0	7,000	0	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	0	0	0	0	1,500	0	(	0	0	0	1,500
		Sub-total				8,500	0	0	0	0	8,500	0	8,500	0	0	564	0	7,936	0	(	0	0	0	8,500
WAS	907097	ASHBRIDGES BAY WWTP - BUILDING S	SERVIC																				+	
0	7	CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEMENT	32	S2	02	270	0	0	0	0	270	0	270	0	0	0	0	270	0	(	0	0	0	270

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

		-																						
							Curr	ent and Fu	iture Year	Cash Flov	v Commitr	nents			Cur	rent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
<u>Sub-</u> Priorit	<u>Project No.</u> ySubProj No	<u>Project Name</u> D. 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 Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recov Debt		Total Financing
WAS90	7097 ASHBR	IDGES BAY WWTP - BUILDING SI	ERVIC																					
0 1	19 CITY IN	IPROVEMENTS RE: TH COGEN	CW	S2	04	1,050	1,300	2,500	2,200	1,000	8,050	50	8,100	0	0 0	0	0	8,100	0	0	0	0	0	8,100
0 2		ER BLDG AND OLD NORTH AION IMPROVEMENTS	CW	S2	04	2,647	2,805	60	0	0	5,512	0	5,512	0	0 0	0	0	5,512	0	0	0	0	0	5,512
05		COLLED SUBS FICATION&ABATEMENT-2015SC	CW	S3	02	-170	100	0	0	0	-70	0	-70	0	0 0	0	0	-70	0	0	0	0	0	-70
05	51 CITY IN 2015 SC	IPROVEMENTS RE: TH COGEN - C	CW	S3	04	-900	-400	-1,200	-200	-950	-3,650	0	-3,650	0	0 0	0	0	-3,650	0	0	0	0	0	-3,650
0 5		ER BLDG & OLD NORTH ATION IMPRO-2015 SC	CW	S3	04	-1,947	-1,045	1,890	1,095	10	3	0	3	0	0 0	0	0	3	0	0	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	0	0	0	0	10,165
WAS90	7098 ASHBR	IDGES BAY WWTP - EFFLUENT S	SYSTE																					
0 1	ABTP D	DISINFECTION ENGINEERING	CW	S2	02	1,899	3,500	4,410	1,610	889	12,308	250	12,558	0	0 0	1,012	0	11,546	0	0	0	0	0	12,558
0 1	I3 ABTP C	DUTFALL ASSESSMENT	CW	S2	02	1,300	0	0	0	0	1,300	0	1,300	0	0 0	105	0	1,195	0	0	0	0	0	1,300
0 1	I4 OUTFA	LL ENGINEERING	CW	S4	02	100	7,000	7,000	1,400	5,000	20,500	12,800	33,300	0	0 0	2,679	0	30,621	0	0	0	0	0	33,300
0 2	21 DISINFI	ECTION ENGINEERING - 2015 SC	CW	S3	02	-1,149	210	929	390	61	441	40	481	0	0 0	37	0	444	0	0	0	0	0	481
0 2	22 OUTFA	LL ASSESSMENT - 2015 SC	CW	S3	02	-1,290	1,020	0	0	0	-270	0	-270	0	0 0	-22	0	-248	0	0	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	0	0	0	0	47,369
WAS90	7099 ASHBR	IDGES BAY WWTP - LIQUID TRE	ATMEN																					
0 1		UBBLE AERATION //ENTATION	CW	S2	03	9,500	8,000	0	0	0	17,500	0	17,500	0	0 0	1,409	0	16,091	0	0	0	0	0	17,500
03	B PRIMAF #1	RY TREATMENT UPGRADE CONT	CW	S2	03	25,175	29,500	33,500	28,000	0	116,175	0	116,175	0	0 0	9,336	0	106,839	0	0	0	0	0	116,175
06	6 M & T P REPAIR	PUMPING STATION CRITICAL	CW	S2	03	5,250	2,670	0	0	0	7,920	0	7,920	0	0 0	0	0	7,920	0	0	0	0	0	7,920
07	7 Primary	and Secondary Tanks Rehabilitatio	on CW	S2	03	1,900	600	0	0	0	2,500	0	2,500	0	0 0	201	0	2,299	0	0	0	0	0	2,500
0 1		GRATED PUMPING STATION - EERING	CW	S2	03	4,500	7,050	7,050	7,000	6,500	32,100	14,733	46,833	0	0 0	0	0	46,833	0	0	0	0	0	46,833
0 1	12 WORK	AREA 1 REHAB	CW	S2	03	2	0	0	0	0	2	0	2	0	0 0	0	0	2	0	0	0	0	0	2
03		RATED PUMPING STATION - RUCTION	CW	S2	03	0	10,000	35,000	45,000	45,000	135,000	190,000	325,000	0	0 0	0	0	325,000	0	0	0	0	0	325,000
0 5	57 INTEGF ENG - 2	RATED PUMPING STATION (IPS) - 2015 SC	CW	S3	03	-1,550	-2,400	-2,000	-1,000	-500	-7,450	5,267	-2,183	0	0 0	0	0	-2,183	0	0	0	0	0	-2,183
05	58 WORK	AREA 1 REHAB - 2015 SC	CW	S3	03	0	2	0	0	0	2	0	2	0	0 0	0	0	2	0	0	0	0	0	2
05	59 Primary	and Final Tank Upgrades - 2015 S	C CW	S3	03	1,000	-5	0	0	0	995	0	995	0	0 0	81	0	914	0	0	0	0	0	995

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

							Curre	ent and F	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year Ca	ash Flow	Comm	itments F	inanced	Ву		
<u> </u>		in at Na									Total	Tetel	Total	_					apital			De		
Sub Pric		ject No. Project Name Proj No. Sub-project Name	Ward	Stat	Cat	2015	2016	2017	2018	2019	Total	Total 2020-2024	Total 2015-2024	Provincial Grants and	Federal [ Subsidy	Development Charges	Reserves F	eserve f	rom urrent	Other 1	Other2		verable	Total Financing
	-	ASHBRIDGES BAY WWTP - LIQUID TRE		Jiai.	Jai.	2010	2010	2011	2010	_010	2010-2018		2013-2024	Subsidies	Jubbidy						001012	2001		, manony
0	60	M & T PUMPING STATION CRITICAL REPAIRS - 2015 SC		S3	03	-1,050	3,000	0	0	0	1,950	0	1,950	C	0 0	0	0	1,950	0	0 0	0	0	0	1,950
0	61	FINE BUBBLE AERATION - TANK #2-201 SC	5 CW	S3	03	-2,700	-7,630	0	0	0	-10,330	0	-10,330	C	0 0	-832	0	-9,498	0	0 0	0	0	0	-10,330
0	62	P BLDG HEADWORKS UPGRADE-2015 SC	CW	S3	03	555	5,500	-8,500	-12,869	0	-15,314	0	-15,314	C	0 0	-1,218	0 -	14,096	0	0 0	0	0	0	-15,314
0	63	INTEGRATED PUMPING STATION (IPS) CONS-2015 SC	- 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	0
		Sub-total				42,582	47,287	55,050	66,131	51,000	262,050	229,000	491,050	0	0	8,977	0 48	82,073	0	0 0	0	0	0	491,050
WAS	907100	ASHBRIDGES BAY WWTP - SOLIDS & G	GAS HA																					
0	3	WASTE ACTIVATED SLUDGE UPGRADE ENGINEERING	≣- CW	S2	03	2,680	5,000	2,500	2,000	2,000	14,180	2,100	16,280	C	0 0	1,310	0	14,970	0	0 0	0	0	0	16,280
0	4	DIGESTERS 9-12 REFURBISHMENT	CW	S2	03	800	11,000	11,010	8,310	40	31,160	30	31,190	0	0 0	2,509	0 2	28,681	0	0 0	0	0	0	31,190
0	8	BIOSOLIDS PELLETIZER RETROFIT	CW	S2	03	400	0	0	0	0	400	0	400	C	0 0	0	0	400	0	0 0	0	0	0	400
0	25	PELLETIZER TRUCK LOADING FACILIT UPGRADES	Y CW	S2	03	1,450	0	0	0	0	1,450	0	1,450	C	0 0	0	0	1,450	0	0 0	0	0	0	1,450
0	31	WASTE ACTIVATED SLUDGE UPGRADE ENG - 2015 SC	E- CW	S3	03	-1,180	-3,000	2,096	0	0	-2,084	2,000	-84	C	0 0	-6	0	-78	0	0 0	0	0	0	-84
0	33	DIGESTERS 9-12 REFURBISH-2015 SC	CW	S3	03	-200	-10,400	940	2,390	4,670	-2,600	5,730	3,130	C	0 0	252	0	2,878	0	0 0	0	0	0	3,130
0	34	PELLETIZER TRUCK LOADING FACILIT UPGRADES-2015 SC	Y CW	S3	03	-950	725	500	500	0	775	0	775	C	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	0	0	0	0	400	0	0 0	0	0	0	400
		Sub-total				3,000	3,725	17,046	13,200	6,710	43,681	9,860	53,541	0	0	4,065	0 4	49,476	0	0 0	0	0	0	53,541
WAS	907101	ASHBRIDGES BAY WWTP - O&M UPGR	ADES																					
0	5	PROCESS & EQUIP UPGRADES	CW	S2	03	69	0	0	0	0	69	0	69	C	0 0	0	0	69	0	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	0	3,490	0	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	C	0 0	0	0	11,600	0	0 0	0	0	0	11,600
0	22	MISC MECH REHAB - 2015 SC	CW	S3	03	-3,499	500	3,000	0	0	1	0	1	O	0 0	0	0	1	0	0 0	0	0	0	1
0	23	BOILER #4 DESIGN - 2015 SC	CW	S3	03	0	57	0	0	0	57	0	57	o	0 0	0	0	57	0	0 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	C	0 0	0	0	5,210	0	0 0	0	0	0	5,210
		Sub-total				5,270	9,657	5,500	0	0	20,427	0	20,427	0	0	0	0 2	20,427	0	) 0	0	0	0	20,427
WAS	907102	ASHBRIDGES BAY WWTP - ODOUR CC	NTROL																					
0	6	BIOFILTERS UPGRADE	CW	S2	03	7,054	8,742	6,122	0	0	21,918	0	21,918	O	0 0	1,764	0 2	20,154	0	0 0	0	0	0	21,918

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# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

		-																						
							Curr	ent and Fu	uture Year	Cash Flo	w Commitr	nents			Curr	rent and Fu	uture Year C	ash Flov	w Commi	itments F	inanced	Ву		
	<u>Project No</u> /SubProj No		Ward	Stat.	Cat.	2015	2016	2017	2018	2019	Total 2015-2019	Total 2020-2024	Total 2015-2024	Provincial Grants and Subsidies	Federal D Subsidy	Development Charges	R Reserves F	eserve	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
		RIDGES BAY WWTP - ODOUR CON																						×
0 13	3 D BUIL	DING TREATMENT & BIOFILTER	CW	S2	03	1,613	0	0	0	0	1,613	0	1,613	0	0 0	130	0	1,483	0	0	0	0	0	1,613
0 32	2 BIOFIL - 2015	TERS UPGRADE & REPLACEMEN SC	T CW	S3	03	-4,611	2,800	2,278	122	0	589	0	589	0	0 0	48	0	541	0	0	0	0	0	589
0 33		DING TREATMENT & TER-2015 SC	CW	S3	03	-1,413	1,145	0	0	0	-268	0	-268	0	0 0	-22	0	-246	0	0	0	0	0	-268
		Sub-total				2,643	12,687	8,400	122	0	23,852	2 0	23,852	0	0	1,920	0	21,932	0	0	0	0	0	23,852
WAS907	7104 HUMBI	ER WWTP - LIQUID TREATMENT &	HAN																					
02	SECO	NDARY TREATMENT UPGRADES	CW	S2	03	8,593	3,491	3,225	3,112	3,930	22,351	800	23,151	0	0 0	21	0	23,130	0	0	0	0	0	23,151
0 18	8 SECON -2015 S	NDARY TREATMENT UPGRADES SC	CW	S3	03	537	2,643	800	488	-348	4,120	3,075	7,195	0	0 0	2,422	0	4,773	0	0	0	0	0	7,195
0 19		NDARY TREATMENT UPGRADES - H - CONS	CW	S4	03	200	20,000	45,000	45,000	45,000	155,200	84,800	240,000	0	0 0	19,322	0 2	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 2	248,581	0	0	0	0	0	270,346
WAS907	7105 <u>HUMBI</u>	ER WWTP - O&M UPGRADES																				-		
0 1	Digeste	er 7 & 8 Upgrades & Cogen Upgrade	s CW	S2	03	12,217	3,804	0	0	0	16,021	0	16,021	0	0 0	0	0	16,021	0	0	0	0	0	16,021
02	LIQUID	STREAM UPGRADES	CW	S2	03	250	0	0	0	0	250	0	250	0	0 0	20	0	230	0	0	0	0	0	250
0 27		OMPRESSOR SYSTEM ADES-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	8 LIQUID	O STREAM UPGRADES-2015 SC	CW	S3	03	-250	0	0	0	0	-250	0	-250	0	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
WAS907	7106 HUMBI	ER 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 0	4,829	0	55,171	0	0	0	0	0	60,000
0 11		R CONTROL IMPLEMENTATION - E 1-2015 SC	CW	S3	02	17,730	-8,250	-16,615	-5,000	0	-12,135	0	-12,135	0	0 0	-977	0	-11,158	0	0	0	0	0	-12,13
		Sub-total				32,730	11,750	3,385	0	0	47,865	5 O	47,865	0	0	3,852	0	44,013	0	0	0	0	0	47,865
WAS907	7224 SEWA	GE PUMPING STATION UPGRADES	<u>5</u>																				+	
0 1	SPS U	PGRADES	CW	S2	02	7,302	2,050	400	0	0	9,752	0	9,752	0	0 0	785	0	8,967	0	0	0	0	0	9,752
0 2	SCOTT	I STREET PS UPGRADES	CW	S2	05	20	0	0	0	0	20	0	20	0	0 0	2	0	18	0	0	0	0	0	20
0 4	SUNN) UPGR/	YSIDE AND MARYPORT SPS ADES	CW	S2	03	1,137	2	0	0	0	1,139	0	1,139	0	0 0	91	0	1,048	0	0	0	0	0	1,139
0 22	2 SUNN	YSIDE SPS REHAB - 2015 SC	CW	S3	03	443	1	3	0	0	447	0	447	0	0 0	36	0	411	0	0	0	0	0	447
0 23	3 SCOTI	F 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

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2,S3,S4,S5 Sub-Project Category 01,02,03,04,05,06,07 User Fields ALL

# **CITY OF TORONTO**

#### Gross Expenditures (\$000's) Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

Priority WAS907 0 2 WAS907 0 1	ySubProj 7224 SEV 4 SPS 7559 DOI DOI 0 Don PH1 7700 NOI	No. Project Name j No. Sub-project Name WAGE PUMPING STATION UPGRADE S UPGRADES-2015 SC Sub-total N & WATERFRONT TRUNK/CSO PKG ESIGN N&WATERFRONT TRUNK/CSO Design 1:2015 SC Sub-total	CW 1 CW	S3 S2	02	2015 -331 8,565 6,989	Curro 2016 1,679 3,796	2017 -400 3	2018 0	<b>Cash Flo</b> 2019 0	w Commitm Total 2015-2019 948	Total	Total 2015-2024 948	Provincial Grants and Subsidies	Federal [ Subsidy	Pevelopment Charges	Reserves		Capital from	Other 1	Other2	Deb Recove	rable	Total Financing
Priority WAS907 0 2 WAS907 0 1	ySubProj 7224 SEV 4 SPS 7559 DOI DOI 0 Don PH1 7700 NOI	j No. Sub-project Name WAGE PUMPING STATION UPGRADE S UPGRADES-2015 SC Sub-total N & WATERFRONT TRUNK/CSO N & WATERFRONT TRUNK/CSO PKG ESIGN 1&Waterfront Trunk/CSO Design 1-2015 SC	<u>s</u> cw 1 cw	S3 S2	02	-331 8,565	1,679	-400	0	<u>2019</u> 0	2015-2019	2020-2024	2015-2024			Development Charges		Reserve Funds	from			Recove Debt	rable	Financing
0 2 <u>WAS90</u> 0 1	4 SPS 7559 DOI - DE 0 Don PH1 7700 NOI	S UPGRADES-2015 SC Sub-total <u>N &amp; WATERFRONT TRUNK CSO</u> N & WATERFRONT TRUNK/CSO PKG ESIGN 1&Waterfront Trunk/CSO Design 1-2015 SC	CW 1 CW	S2		8,565				0	948	0	948								0	0	0	
<u>WAS907</u> 0 1 0 1 <sup>1</sup>	7559 DOI DOI - DE 0 Don PH1 7700 NOI	Sub-total <u>N &amp; WATERFRONT TRUNK CSO</u> N & WATERFRONT TRUNK/CSO PKG ESIGN n&Waterfront Trunk/CSO Design 1-2015 SC	1 CW	S2		8,565				0	948	0	948	0							0	0	0	
0 1 0 1	0 DOI - DE 0 Don PH1 7700 NOI	N & WATERFRONT TRUNK CSO N & WATERFRONT TRUNK/CSO PKG ESIGN n&Waterfront Trunk/CSO Design 1-2015 SC			04		3,796	3	0	0					0	76	0	872	0	0 0	U			948
0 1 0 1	0 DOI - DE 0 Don PH1 7700 NOI	N & WATERFRONT TRUNK/CSO PKG ESIGN 1&Waterfront Trunk/CSO Design 1-2015 SC			04	6,989				0	12,364	0	12,364	0	0	994	0	11,370	0	) 0	0	0	0	12,364
0 1	- DE 0 Don PH1 7700 NOI	ESIGN n&Waterfront Trunk/CSO Design 1-2015 SC			04	6,989																		
	PH1 7700 <u>NOI</u>	1-2015 SC	CW	S3		I	11,697	10,347	10,347	11,000	50,380	5,800	56,180	0	0	4,521	0	51,659	0	0 0	0	0	0	56,180
WAS907		Sub-total			04	-839	904	-6,347	-4,801	-5,820	-16,903	16,047	-856	0	0	-68	0	-788	0	0 0	0	0	0	-856
WAS907						6,150	12,601	4,000	5,546	5,180	33,477	21,847	55,324	0	0	4,453	0	50,871	0	0 0	0	0	0	55,324
	, NT	RTH TORONTO WTP UPGRADES																						
0 2		TP-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	0	2,467
08		TP - ELECTRICAL UPGRADES - ECAF 15 SC	e- 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	0	1,504
WAS908	8143 Geo	orgetown South City Infrastructure Upgr	ades																					
0 1		orgetown South City Infrastructure grades	CW	S4	05	2,840	0	0	0	0	2,840	0	2,840	0	0	0	0	2,840	0	0 0	0	0	0	2,840
		Sub-total				2,840	0	0	0	0	2,840	0	2,840	0	0	0	0	2,840	0	0 0	0 0	0	0	2,840
WASWF	P003 EM	ERY CREEK POND																					-	
0 1	EM	ERY 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	0	5,962
0 1	3 EMI	ERY 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	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	0	4,973
WASWF	P050 EQI	UIPMENT REPLACEMENT & REHABII	ITATIC																					
0 3	5 MTI	I 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	0	0	4,000
0 1	27 EQI	UIPMENT 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	0	3,825
0 1		HAB OF SOUTH PRIMARY ARIFIERS- 2015 SC	CW	S3	03	6	188	0	0	0	194	0	194	0	0	0	0	194	0	0 0	0	0	0	194
1 7	'8 Nor	th 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
		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
Tota	l Progra	am Expenditure				463,845	510,174	487,279	367,727	261,546	2,090,571	599,564	2,690,135	0	0	130,122	02	2,560,013	0	0 0	0	0	0	2,690,135

Report Phase 2 - Program 11 Wastewater Program Program Phase 2 Part B Sub-Project Status S2 Part C Sub-Project Status S2, S3, S4, S5 Sub-Project Category 01, 02, 03, 04, 05, 06, 07 User Fields ALL

#### **CITY OF TORONTO**

#### Gross Expenditures (\$000's)

#### Appendix 4 - 2015 Recommended Cash Flow and Future Year Commitments

#### Wastewater Program

Financed By:       31,598       27,997       19,445       13,273       10,293       102,606       27,516       130,122       0	•																				
Sub- Project Name       Project Name       Ward Stat. Cat.       2015       2016       2017       2018       2019       201			c	Current and	Future Ye	ar Cash F	low Com	mitments ar	nd Estimate	s		Curren	t and Future	Year Cash Flo	w Com	mitment	ts and I	Estimates	Finan	ced By	
Development Charges       31,598       27,997       19,445       13,273       10,293       102,606       27,516       130,122       0       0       0       0       0       130,121         Reserve Funds (Ind."XR" Ref.)       432,247       482,177       467,834       354,454       251,253       1,987,965       572,048       2,560,013       0       <		ard Stat. Cat.	2015	2016	2017	2018	2019				Grants and		evelopment Charges F		rve f	rom	Other 1	Other2			Total Financing
			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		0 0	130,122
Tetel Descreen Financian 463 845 510 174 487 279 367 727 261 546 2 090 571 599 564 2 690 135 0 0 130 122 0.2 560 013 0 0 0 0 0 0 2 690 1	Reserve Funds (Ind."XR" Ref.)		432,247	482,177	467,834	354,454	251,253	1,987,965	572,048	2,560,013	0	0 0	0	02,560	013	0	C	0 0		0 0	2,560,013
	Total Program Financing		463,845	510,174	487,279	367,727	261,546	2,090,571	599,564	2,690,135	0	0	130,122	02,560	013	0	(	) 0		0 0	2,690,135

#### 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 New - Stand-Alone Project (Current Year Only) S4 S5

S5 New (On-going or Phased Projects)

#### Category Code Description

01 Health and Safety C01

02 Legislated C02 03

State of Good Repair C03 04 Service Improvement and Enhancement C04

05 Growth Related C05

06

Reserved Category 1 C06 07 Reserved Category 2 C07

## Appendix 5

### **2015** Recommended Capital Budget with Financing Detail

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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

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### **CITY OF TORONTO**

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Water Program

Project/I	Financing			2015	1				Financ	ing				
Priority		Start Date	Completior 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>	T000004 HORGAN W.T.P. EXPANSION													
0	2 PLANT EXPANSION - DESIGN & CONSTR ADMIN	01/01/2004	12/31/2014	940	0	0	300	0	339	0	0	301		0 0
0	18 SUPERNATANT AND FORCEMAIN INSTALLATION	01/01/2012	12/31/2013	4,500	0	0	1,438	0	3,062	0	0	0		0 0
0	32 SUPERNATANT & FORCEMAIN-2015 SC	01/01/2015	12/31/2024	-2,000	0	0	-639	0	-1,361	0	0	0		0 0
0	33 PLANT EXPANSION - DESIGN & CONSTR ADMIN-2015 S	SC 01/01/2015	12/31/2024	-562	0	0	-179	0	-203	0	0	-180		0 0
0	34 PLANT EXPANSION - CONSTRUCTION-2015 SC	01/01/2015	12/31/2024	-357	0	0	-114	0	-129	0	0	-114		0 0
1	<b>5 PLANT EXPANSION - CONSTRUCTION</b>	07/01/2008	12/31/2018	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
<u>0 WA</u>	T000014 WATER STORAGE EXPANSION													
0	1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN	01/01/2007	12/31/201	5 5	0	0	3	0	2	0	0	0		0 0
0	2 Milliken PS and Reservoir - Engineering	01/01/2007	12/31/2013	70	0	0	29	0	15	0	0	26		0 0
0	48 DUFFERIN RES. EXT DESIGN&CONT. ADMIN - 2015 SC	C 01/01/2015	12/31/2024	45	0	0	28	0	17	0	0	0		0 0
0	49 MILLIKEN PS&RESERVOIR-DESIGN&CONT&ADMIN - 20	01/01/2015	12/31/2024	1 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													
0	24 RESIDUALS RETROFITS & UPGRADES	01/01/2013 <sup>·</sup>	12/31/201	5 380	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	· · · <b>,</b> · · · · · ·				-	-	-		-				
0	10 ICI INDOOR WATER AUDIT	01/01/2003	12/21/2016	300	0	0	300	0	0	0	0	0		0 0
0	11 PUBLIC EDUCATION & PROMOTIONS	01/01/2003			0	0	300 150	0	0	0	0	0		0 0
0	12 ANCILLARY COSTS	01/01/2003			0	0	70	0	0	0	0	0		0 0
0		Project Sub		520	0	0	520	0	0	0	0	-		0 0
0 14/4		1 10,000 000	totan	020		0	020	0						
<u>0 WA</u> 0	1 PLANT WINTERIZATION & SUMMERIZATION	01/01/2009 -	10/01/001	444	0	0	0	0	444	0	0	0		0 0
0	14 PLANT WINTERIZATION & SUMMERIZATION 14 PLANT WINTERIZATION & SUMMERIZATION-2015 SC	01/01/2009				0	0 0	0	-388	0	0	0		0 0 0 0
0	14 PLANT WINTERIZATION & SUMMERIZATION-2015 SC			56	0	0	0	0	-300	0	0	0		0 0
		Project Sub-	-total:	50	0	0	0	0	00	0	0	0		0 0
	T000363 ENGINEERING STUDIES													
0	2 IMPROVED TREATMENT STUDIES	05/01/2007			0	0	0	0	413	0	0	0		0 0
0	18 Controlled Substances ID and Abatement	08/04/2006			0	0	0	0	200	0	0	0		0 0
0	31 ENERGY EFFICIENCY IMPLEMENTATION	01/01/2014				0	0	0	106	0	0	0		0 0
0	38 CORROSION CONTROL	01/01/2011		,	0	0	85	0	1,316	0	0	0		0 0
0	59 CORROSION CONTROL - 2015 SC	01/01/2015				0	-33	0	-519	0	0	0		0 0
0	60 IMPROVED TREATMENT STUDIES - 2015 SC	01/01/2015	12/31/2024	1 27	0	0	0	0	27	0	0	0		0 0

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### **CITY OF TORONTO**

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

### Water Program

roject/	Financing		2015					Financ					
riority	Project Project Name	Start Date Comp Date	letion Cash Flo ite	w Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverab
<u>0</u> WA	AT000363 ENGINEERING STUDIES												
0	61 ENERGY EFFICIENCY IMPLEMENTATION-2015 SC	01/01/201512/31	/2024	52 0	0	0	0	52	0	0	0		0
		Project Sub-tota	l: 1,64	7 0	0	52	0	1,595	0	0	0		0
<u>0 WA</u>	AT906334 BUSINESS SYSTEM INFRASTRUCTURE - PW												
0	7 NETWORK EQUIPMENT REPLACEMENT	01/01/200812/31	/2021 1,5	45 0	0	0	0	1,545	0	0	0		0
0	8 NETWORK CABLE LIFECYCLE REPLACEMENT	01/01/2008 12/31	/2014 5,8	0	0	0	0	5,816	0	0	0		0
0	12 PCS LEGACY ALARM IMPROVEMENT	01/01/2014 12/31	/2023 1,3	50 0	0	0	0	1,350	0	0	0		0
0	23 RELIABILITY IMPROVEMENT PROGRAM	01/01/201312/31	/2022 2	0 0	0	0	0	200	0	0	0		0
0	41 BUSINESS & TECH IMPROVEMENT - PHASE 2	01/01/201212/31	/2014 2,7	32 0	0	0	0	2,732	0	0	0		0
0	42 WTP WS PLC PLATFORM UPGRADE AND PCS IMPROVE	EM 01/01/201212/31	/2013 3,7	27 0	0	0	0	3,727	0	0	0		0
0	63 NETWORK CABLE LIFE CYCLE REPLACEMENT - 2015 S	C 01/01/201512/31	/2024 -4,2	31 0	0	0	0	-4,281	0	0	0		0
0	64 RELIABILITY IMPROVEMENT PROGRAM - 2015 SC	01/01/201512/31	/2024 6	35 0	0	0	0	685	0	0	0		0
0	65 SCADA UPGRADES FOR WWT - 2015 SC	01/01/201512/31	/2024 -1	25 0	0	0	0	-125	0	0	0		0
0	66 PCS UPGRADES FOR WATER SUPPLY - 2015 SC	01/01/201512/31	/2024 -1,6	57 0	0	0	0	-1,657	0	0	0		0
0	67 SCADA UPGRADES FOR WWT - II	01/01/201512/31	/2024 5	01 0	0	0	0	501	0	0	0		0
0	68 NETWORK EQUIPMENT LIFE CYCLE REPLACEMENT-20	15 01/01/2015 12/31	/2024 -1,1	65 0	0	0	0	-1,165	0	0	0		0
0	69 PCS LEGACY ALARM IMPROVEMENT -2015 SC	01/01/201512/31	/2024 -6	0 0	0	0	0	-600	0	0	0		0
0	70 TRUNK RADIO SYSTEM - HYDRO PARTNERSHIP	01/01/201512/31	/2024 1,6	0 0	0	0	0	1,600	0	0	0		0
		Project Sub-tota	l: 10,3	28 0	0	0	0	10,328	0	0	0		0
<u>0 w</u> a	AT906340 METERING & METER READING SYS												
0	2 AUTOMATED METER READING SYSTEM	10/15/2007 12/31	/2016 45,6	56 0	0	0	0	45,656	0	0	0		0
0	14 AUTOMATED METER READING SYSTEM - 2015 SC	01/01/201512/31	/2024 -18,7	36 0	0	0	0	-18,736	0	0	0		0
		Project Sub-tota	l: 26,9	20 0	0	0	0	26,920	0	0	0		0
o wa	AT906467 AVENUE ROAD TRUNKMAIN REPLACEMENT												
0	2 AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWRE	EN(07/01/200906/30	/2014 1,3	0 0	0	660	0	405	0	0	245		0
0	6 JOS-AVENUE RD WM ENG-HI LEVEL-LAWRENCE	01/01/201212/31	/2015	39 0	0	20	0	12	0	0	7		0
0	26 JOS-AVENUE RD WM CONS-HI LEVEL-LAWRENCE - 207	15:01/01/201512/31	/2024 -9	95 0	0	-501	0	-308	0	0	-186		0
		Project Sub-tota	l: 3	64 0	0	179	0	109	0	0	66		0
o wa	AT906468 HORGAN TRUNK MAIN EXPANSION												
0	1 JOS - HORGAN TO ELLESMERE WM - ENGINEERING	01/01/200312/31	/2018 4	02 0	0	153	0	119	0	0	130		0
0	3 HORGAN TO ELLESMERE - CONSTRUCTION	01/01/200612/31			0	190	0	148	0	0			0
0	41 JOS - HORGAN TO ELLESMERE WM - ENG - 2015 SC	01/01/201512/31	/2024 4	98 0	0	189	0	147	0	0	162		0
0	42 JOS - HORGAN TO ELLESMERE WM - CONS - 2015 SC	01/01/201512/31	/2024 -5	0 0	0	-190	0	-148	0	0	-162		0
		Project Sub-tota	l: 90	0 0	0	342	0	266	0	0	292		0

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### **CITY OF TORONTO**

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Water Program

Project/	Financing			2015		10	r		Financ	-				
Priority	Project Project Name	Start Date Cor	npletion Cas Date	ish Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverabl
<u>o w</u>	AT906470 ISLAND W.T.P. R&R													
0	8 CHEMICAL & RESIDUALS MNGT - ENG	01/01/201212/3	31/2021	700	0	0	0	0	700	0	0	0		0 0
0	11 CHEMICAL & RESIDUALS MANAGMENT CONST	01/01/201512/3	31/2024	150	0	0	9	0	141	0	0	0		0 0
0	27 CHEMICAL & RESIDUALS MANAGMENT ENG - 2015 SC	01/01/201512/3	31/2024	-131	0	0	0	0	-131	0	0	0		0
		Project Sub-tot	tal:	719	0	0	9	0	710	0	0	0		0
<u>o w</u>	AT906471 FJ HORGAN W.T.P. R&R													
0	24 HVAC REHAB & SCRUBBER ENGINEERING	01/01/201512/3	31/2024	84	0	0	0	0	84	0	0	0		0
		Project Sub-to	tal:	84	0	0	0	0	84	0	0	0		0
0 W/	AT906481 DISTRICT WATERMAINS - NEW													
0	1 DIST W/MAINS NEW	01/01/2004 12/3	31/2013	350	0	0	0	0	350	0	0	0		0
0	13 DIST W/MAINS NEW - 2015 SC	07/02/201407/0	02/2014	-248	0	0	102	0	-350	0	0	0		0
		Project Sub-to	tal:	102	0	0	102	0	0	0	0	0		0
0 W/	AT906483 PW ENGINEERING													
0	2 CAPITAL PRGMG & FACILITY ASSET PLANNING	01/01/2004 06/3	30/2014	992	0	0	0	0	992	0	0	0		0
0	5 WATERMAIN ASSET PLANNING	01/01/2007 12/3	31/2015	1,409	0	0	352	0	1,057	0	0	0		0
0	7 EASEMENT ACQUISITION	01/03/2007 12/3	31/2015	175	0	0	0	0	175	0	0	0		0
0	22 WATER LOSS REDUCTION STRATEGY	01/01/201212/3	31/2013	588	0	0	0	0	588	0	0	0		0
0	49 CAPITAL PROG & FACILITY ASSET PLANNING - 2015 SC	01/01/201512/3	31/2024	220	0	0	0	0	220	0	0	0		0
0	50 WATERMAIN ASSET PLANNING - 2015 SC	01/01/201512/3	31/2024	-493	0	0	-123	0	-370	0	0	0		0
0	51 EASEMENT ACQUISITION - 2015 SC	01/01/201512/3	31/2024	125	0	0	0	0	125	0	0	0		0
0	52 JOS UPDATE PHASE II	01/01/201512/3	31/2024	500	0	0	0	0	500	0	0	0		0
0	54 WATER LOSS REDUCTION STRATEGY-2015 SC	01/01/201512/3	31/2024	-126	0	0	0	0	-126	0	0	0		0
		Project Sub-to	tal:	3,390	0	0	229	0	3,161	0	0	0		0
<u>o w</u>	AT906749 DOWNTOWN W/M ENHANCEMENT													
0	1 JOS - GERRARD ST WM - ENGINEERING	03/01/200512/3	31/2017	378	0	0	75	0	14	0	0	289		0
0	4 JOS - GERRARD ST WM - CONSTRUCTION	01/01/200912/3	31/2015	13,920	0	0	2,771	0	504	0	0	10,645		0
0	38 JOS - GERRARD ST WM - CONSTRUCTION -2015 SC	01/01/201512/3	31/2024	-2,736	0	0	-544	0	-99	0	0	-2,093		0
0	39 JOS - GERRARD ST WM - ENGINEERING- 2015 SC	01/01/201512/3	31/2024	370	0	0	74	0	13	0	0	283		0
		Project Sub-tot	tal:	11,932	0	0	2,376	0	432	0	0	9,124		0
<u>o w</u>	AT906752 TRANSMISSION R&R													
0	49 TRUNK WATERMAIN REHAB	01/01/201312/3	31/2015	250	0	0	0	0	250	0	0	0		0
0	51 CAST IRON TRUNK REPLC - PHASE 2	10/09/201210/0	09/2012	5,088	0	0	0	0	5,088	0	0	0		0
0	52 CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	01/01/2014 12/3	31/2023	600	0	0	0	0	600	0	0	0		0
0	63 TRUNK WATERMAIN REHAB - 2015 SC	01/01/201512/3	31/2024	445	0	0	0	0	445	0	0	0		0

### **CITY OF TORONTO**

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### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Water Program

Sub-Project Summary

Project/I	Financing			2015					Financ	ing				
Priority	Project Project Name	Start Date Co	ompletion Cas Date	sh 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	T906752 TRANSMISSION R&R													
0	64 CAST IRON TRUNK REPLC - PHASE 2 - 2015 SC	01/01/201512	/31/2024	4,154	0	0	0	0	4,154	0	0	0		0 0
0	65 CAST IRON TRUNK REPLC - PHASE 3 - ENG - 2015 SC	01/01/201512	/31/2024	350	0	0	0	0	350	0	0	0		0 0
0	67 TRANSF & SW`GEAR REPLACMENT DESIGN -2015 SC	01/01/201512	/31/2024	165	0	0	0	0	165	0	0	0		0 0
		Project Sub-to	otal:	11,052	0	0	0	0	11,052	0	0	0		0 0
<u>o wa</u>	T906900 TRANSMISSION R&R			İ										
0	1 TRANS FACILITIES REHAB	01/01/200612	/31/2013	150	0	0	0	0	150	0	0	0		0 0
0	6 ELLESMERE P.S. UPGRADE	01/01/200912	2/31/2016	25	0	0	6	0	3	0	0	16		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	27 EGLINTON PS -PUMP REPLC	01/01/201312	/31/2015	2,250	0	0	0	0	2,250	0	0	0		0 0
0	36 ST CLAIR RESERVOIR REHAB/WATER QUALITY PROTE	ECT01/01/201412	/31/2023	5,250	0	0	0	0	5,250	0	0	0		0 0
0	37 TRANS FACILITIES REHAB - 2015 SC	01/01/201512	/31/2024	90	0	0	0	0	90	0	0	0		0 0
0	38 ELLESMERE P.S. UPGRADE - 2015 SC	01/01/201512	/31/2024	-25	0	0	-6	0	-3	0	0	-16		0 0
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	40 EGLINTON PS - PUMP REPLC - 2015 SC	01/01/201512	/31/2024	-383	0	0	0	0	-383	0	0	0		0 0
0	41 ST CLAIR RES REHAB/WATER QUALITY PROTECTION-	201 01/01/2015 12	/31/2024	1,910	0	0	0	0	1,910	0	0	0		0 0
0	48 ROSEHILL RESERVOIR	01/01/201512	/31/2024	600	0	0	0	0	600	0	0	0		0 0
0	49 DOWNSVIEW PS & CONNECTOR	01/01/201512	/31/2024	50	0	0	0	0	50	0	0	0		0 0
0	50 PARKDALE PS REHABILITATION	01/01/201512	/31/2024	500	0	0	0	0	500	0	0	0		0 0
0	51 ROSEHILL PS REHAB	01/01/201512	/31/2024	50	0	0	0	0	50	0	0	0		0 0
		Project Sub-to	otal:	10,922	0	0	0	0	10,922	0	0	0		0 0
0 WA	T906902 HARRIS W.T.P. R&R			İ										
0	2 BUILDING ENVELOPE REHAB	01/01/200612	/31/2014	23	0	0	0	0	23	0	0	0		0 0
0	3 FACILITY & PROCESS UPGRADES	01/01/200612	/31/2016	500	0	0	0	0	500	0	0	0		0 0
0	13 FILTER MEDIA REPLACEMENT PH2	01/01/200912	2/31/2016	80	0	0	0	0	80	0	0	0		0 0
0	21 HVAC REHAB - CONSTRUCTION	01/01/201212	2/31/2016	1,676	0	0	0	0	1,676	0	0	0		0 0
0	29 HARRIS FILTERS REHABILITATION	01/01/201512	/31/2024	100	0	0	0	0	100	0	0	0		0 0
0	56 REHAB OF SETTLING BASIN ROOF & SLUICE GATES	01/01/201312	/31/2016	11,016	0	0	0	0	11,016	0	0	0		0 0
0	74 FILTER MEDIA UPGRADE - 2015 SC	01/01/201512	/31/2024	-80	0	0	0	0	-80	0	0	0		0 0
0	75 HVAC REHAB CONSTRUCTION - 2015 SC	01/01/201512	/31/2024	-1,396	0	0	0	0	-1,396	0	0	0		0 0
0	77 REHAB OF SETTLING BASIN ROOF&SLUICE GATES -20	015 01/01/201512	/31/2024	-5,541	0	0	0	0	-5,541	0	0	0		0 0
0	79 EXTERIOR SECURITY LIGHTING UPGRADES	01/01/201512	/31/2024	200	0	0	0	0	200	0	0	0		0 0
0	81 LIQUID CHEMICAL SYSTEM IMPROVEMENTS	01/01/201512	/31/2024	100	0	0	0	0	100	0	0	0		0 0
0	82 PD2 OPTIMIZATION	01/01/201512	/31/2024	500	0	0	0	0	500	0	0	0		0 0
0	83 FACILITY & PROCESS UPGRADES-2015 SC	01/01/201512	/31/2024	-50	0	0	0	0	-50	0	0	0		0 0

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### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Water Program

Project/I	Financing		2015					Finan	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
<u>0 WA</u>	T906902 HARRIS W.T.P. R&R												
0	86 BUILDING ENVELOPE REHAB- 2015 SC	01/01/2015 12/31/202	4 -10	0	0	0	0	-10	0	0	0		0 0
0	87 LIQUID CHEMICAL SYSTEM RELOCATION- 2015 SC	01/01/2015 12/31/202	4 8	0	0	0	0	8	0	0	0		0 0
0	88 TRAVELLING SCREEN REPLACEMENT	01/01/2015 12/31/202	4 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
<u>0 WA</u>	T906903 FJ HORGAN W.T.P. R&R												
0	5 FACILITY & PROCESS UPGRADES	01/01/2006 12/31/201	4 1,579	0	0	0	0	1,579	0	0	0		0 0
0	8 RAW WATER PUMP UPGRADES	01/01/201312/31/201	5 540	0	0	0	0	540	0	0	0		0 0
0	15 REPLACEMENT OF MCCS	01/01/2012 12/31/201	6 1,570	0	0	0	0	1,570	0	0	0		0 0
0	16 ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT	01/01/201312/31/201	550	0	0	0	0	550	0	0	0		0 0
0	32 ELEC GROUNDING SYSTEM & BULK CHEM UNLOADING	G   01/01/201512/31/202	4 150	0	0	0	0	150	0	0	0		0 0
0	34 TREATED WATER PUMP UPGRADES	01/01/2015 12/31/202	4 500	0	0	0	0	500	0	0	0		0 0
0	35 FACILITY & PROCESS UPGRADES-2015 SC	01/01/2015 12/31/202	4 -906	0	0	0	0	-906	0	0	0		0 0
0	36 REPLACEMENT OF MCCS-2015 SC	01/01/2015 12/31/202	4 -1,120	0	0	0	0	-1,120	0	0	0		0 0
0	37 RAW WATER PUMP UGRADES-2015 SC	01/01/2015 12/31/202	4 49	0	0	0	0	49	0	0	0		0 0
0	38 OFFSHORE CHLORINATION RELOCATION-2015 SC	01/01/2015 12/31/202	4 -500	0	0	0	0	-500	0	0	0		0 0
0	39 ACCESS ROAD REPAVING	01/01/2015 12/31/202	4 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
<u>0 WA</u>	T906906 TRUNK WATERMAIN EXPANSION												
0	25 JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG	01/01/2012 12/31/201	5 1,000	0	0	479	0	294	0	0	227		0 0
0	65 JOS - WM Scar PS to St Clair&Midland ENG - 2015 SC	01/01/2015 12/31/202	4 -600	0	0	-287	0	-177	0	0	-136		0 0
		Project Sub-total:	400	0	0	192	0	117	0	0	91		0 0
0 WA	T906914 SWITCH GEAR TRANSFORMER												
0	13 INDOOR/OUTDOOR SWITCHGEAR (5 Stations Phase 3)	01/01/2012 12/31/201	5 6,825	0	0	0	0	6,825	0	0	0		0 0
0	27 INDOOR/OUTDOOR SWITCHGEAR (PHASE 3) - 2015 SC	01/01/2015 12/31/202	4 -1,825	0	0	0	0	-1,825	0	0	0		0 0
		Project Sub-total:	5,000	0	0	0	0	5,000	0	0	0		0 0
0 WA	T906918 WATER SUSTAINABILITY PROGRAM	•											
0	1 WATER SUSTAINABILITY PROGRAM	01/01/201212/31/201	3 2,600	0	0	158	0	2,442	0	0	0		0 0
0	9 WATER SUSTAINABILITY STANDBY POWER ELLESMERE		-		0	-84	0	-1,296	0	0	-		0 0
0	12 STANDBY POWER - ROSEHILL	01/01/2015 12/31/202	,		0	0	0	150	0	0			0 0
Ū		Project Sub-total:	1,370	0	0	74	0	1.296	0	0	-		0 0
0 WA	T906919 RL CLARK W.T.P. R&R		.,					.,200					
<u>0 <u>vv</u>A</u> 0	1 FACILITY & PROCESS UPGRADES	01/01/2006 12/31/201	3 170	0	0	0	0	170	0	0	0		0 0
-					0	87	0		0	0	0		0 0
0	8 PROCESS EQUIPMENT UPGRADE ENGINEERING	08/08/2006 12/31/201	7 1,419	0	0	87	0	1,332	0	0	0		0 0

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### **CITY OF TORONTO**

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Water Program

Project	/Financing			2015					Financ	<u> </u>				
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>o</u> w	AT906919 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 - 201	501/01/2015	12/31/2024	-4,893	0	0	-298	0	-4,595	0	0	0		0 0
0	56 EVACUATION AND COMMUNICATION SYSTEMS - 2015 SC	01/01/2015	12/31/2024	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
	F	Project Sub	-total:	12,644	0	0	649	0	11,995	0	0	0		0 0
0 W.	AT906930 DIST W/M REPLACEMENT													
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			0	0	0	0	3,125	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	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	52 WATERMAIN UPGRADES - 2014	01/01/2014	12/31/2023	5,490	0	0	0	0	5,490	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	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	59 2013 WM REPLC - UPGRADES	01/01/2015	12/31/2024	14	0	0	4	0	10	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	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	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	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
	F	Project Sub	-total:	62,323	0	0	7,346	0	54,977	0	0	0		0 0
0 W.	AT906932 DIST W/M REHABILITATION													
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		24,173	0	0	0	0	24,173	0	0	0		0 (
0	7 CATHODIC PROTECTION	01/01/2012		4,200	0	0	0	0	4,200	0	0	0		0 (
0	30 CUT REPAIRS	01/01/2010		4,371	0	0	0	0	4,371	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	43 CATHODIC PROTECTION - 2015 SC	01/01/2015	12/31/2024	-103	0	0	0	0	-103	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

### **CITY OF TORONTO**

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Water Program

Sub-Project Summary

Project/I	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
<u>0 WA</u>	T906932 DIST W/M REHABILITATION												
0	45 WATERMAIN STRUCTURAL LINING-2015 SC	01/01/201512/31/2024	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 WA	T906934 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	01/01/201512/31/2024	219	0	0	0	0	219	0	0	0		0 0
0	32 WSR CUT REPAIRS	01/01/201312/31/2013	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	01/01/201312/31/2014	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	01/01/201512/31/2024	-86	0	0	0	0	-86	0	0	0		0 0
0	59 2015 WATER SERVICE REPLACEMENT - SOGR	01/01/201512/31/2024	4,500	0	0	0	0	4,500	0	0	0		0 0
0	60 WATER SERVICE REPAIR - LEAD PROGRAM-2015 SC	01/01/201512/31/2024	5,004	0	0	0	0	5,004	0	0	0		0 0
0	61 2012 WATER SERVICE REPLC - SOGR-2015 SC	01/01/201512/31/2024	-50	0	0	0	0	-50	0	0	0		0 0
0	62 2013 WSR-2015 SC	01/01/201512/31/2024	-2,550	0	0	0	0	-2,550	0	0	0		0 0
0	63 2014 WATER SERVICE REPLACEMENT - SOGR-2015 SC	C 01/01/201512/31/2024	-926	0	0	0	0	-926	0	0	0		0 0
0	64 WSR - STANDALONE- 2015 SC	01/01/201512/31/2024	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
<u>0 WA</u>	T906935 NEW SERVICE CONNECTIONS												
0	2 NEW SERVICE CONNECTIONS - CUT REPAIRS	01/01/200912/31/2013	3,500	0	0	0	0	3,500	0	0	0		0 0
0	7 NEW SERVICE CONNECTIONS - SITE SERVICING	01/01/201012/31/2013	14,000	0	0	0	0	14,000	0	0	0		0 0
0	18 NEW SERVICE CONNECTIONS - SITE SERVICING - 201	5 SI01/01/201512/31/2024	8,002	0	0	0	0	8,002	0	0	0		0 0
0	19 NEW SERVICE CONNECTIONS - CUT REPAIRS - 2015 S	C 01/01/201512/31/2024	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
<u>0 WA</u>	T906951 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	01/01/201412/31/2022	12,199	0	0	0	0	12,199	0	0	0		0 0
0	51 ROAD RESTORATION - 2015 SC	01/01/201512/31/2024	5,962	0	0	0	0	5,962	0	0	0		0 0
0	52 CONSULTING FEES - 2015 SC	01/01/201512/31/2024	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	01/01/201512/31/2024	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
<u>0 WA</u>	1906977 ISLAND W.T.P. R&R												
0	1 FACILITY & PROCESS UPGRADES	01/01/2006 12/31/2016	5 1,278	0	0	0	0	1,278	0	0	0		0 0
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### **CITY OF TORONTO**

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Water Program

Project/F	inancing		2015	1				Financ	cing				
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
<u>0</u> WAT	1906977 ISLAND W.T.P. R&R												
0	12 FACILITY UPGRADE - FORMER MARINE YARD	01/01/201412/31/2023	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	01/01/201512/31/2024	655	0	0	0	0	655	0	0	0		0 0
0	33 ISLAND SEAWALL REHABILITATION	01/01/201412/31/2023	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	01/01/201412/31/2023	955	0	0	0	0	955	0	0	0		0 0
0	51 CHEMICAL SYSTEMS` ELECTRICAL FEED DISTRIBUTION	01/01/201412/31/2023	500	0	0	0	0	500	0	0	0		0 0
0	62 FACILITY & PROCESS UPGRADES - 2015 SC	01/01/201512/31/2024	-150	0	0	0	0	-150	0	0	0		0 0
0	63 ISLAND FILTER AIR SCOUR SYSTEM - 2015 SC	01/01/201512/31/2024	-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	01/01/201512/31/2024	-210	0	0	0	0	-210	0	0	0		0 0
0	67 AMMONIA AND FLOURIDE SYSTEM UPGRADES - 2015 SC	01/01/201512/31/2024	-705	0	0	0	0	-705	0	0	0		0 0
0	68 CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION - 2015 S	<b>(</b> 01/01/201512/31/2024	-400	0	0	0	0	-400	0	0	0		0 0
0	69 Generators` DR3 Program	01/01/201512/31/2024	75	0	0	0	0	75	0	0	0		0 0
0	70 PLANTWIDE HVAC UPGRADES	01/01/201512/31/2024	15	0	0	0	0	15	0	0	0		0 0
0	71 ISLAND SEAWALL REHAB- 2015 SC	01/01/201512/31/2024	14	0	0	0	0	14	0	0	0		0 0
	F	Project Sub-total:	3,755	0	0	10	0	3,745	0	0	0		0 0
<u>0</u> WAT	1907353 LAWRENCE ALLAN REVITALIZATION PLAN												
0	1 LAWRENCE ALLAN REVITALIZATION PLAN-INFRASTURC	FI01/01/201312/31/2022	3,740	0	0	3,740	0	0	0	0	0		0 0
0	2 LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL SE	10/30/2012 10/30/2012	2,864	0	0	2,864	0	0	0	0	0		0 0
0	5 LAWRENCE ALLAN REVITALIZATION PLAN-INTER - 2015 \$	GI01/01/201412/31/2023	-72	0	0	-72	0	0	0	0	0		0 0
0	6 LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL-20	111/13/2014 11/13/2014	-61	0	0	-61	0	0	0	0	0		0 0
	F	Project Sub-total:	6,471	0	0	6,471	0	0	0	0	0		0 0
0 WA	1907558 REGENT PARK CAPITAL CONTRIBUTION												
0	1 REGENT PARK CAPITAL CONTRIBUTION	08/17/200912/31/2021	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		0	0	0	0	308	0	0			0 0
Ū		Project Sub-total:	1,215	0	0	0	0	1,215	0	-	-		0 0
0 WAT	1907946 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	01/01/2012 12/31/2018		0	0	0	0	1,968	0	0	0		0 0
0	10 ENTERPRISE WORK MANAGEMENT STSTEM PROJECT 10 ENTERPRISE WORK MANAGEMENT SYSTEM PROJ - 2019		,	0	0	0	0	-1.144	0	0	-		0 0
0	11 BUSINESS INTELLIGENCE INITIATIVES-2015 SC		,		0	-	-	,	-	-	-		
U	11 DUSINESS INTELLIGENCE INTTATIVES-2015 SC	01/01/201512/31/2024	-221	0	U	0	0	-221	0	0	0		0 0

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#### CITY OF TORONTO

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

#### Water Program

#### Sub-Project Summary

Project/Financir	ng		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
0 WAT90794	<b>BUSINESS IT PROJECTS</b>												
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
<u>0</u> <u>WAT90808</u>	<u>TRUNK WATERMAIN</u>												
0 1	TRANSMISSION SYSTEM AUTOMATION	06/30/201406/30/2014	250	0	0	0	0	250	0	0	0		0 0
0 63	3RD PARTY RELOCATIONS (METROLINX)	01/01/201512/31/2024	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 S3 Prior Year - Change of Scope 2015 and\or Future Year Cost\Cashflow)

- S4 S4 New Stand-Alone Project (Current Year Only)
- S5 S5 New (On-going or Phased Projects)

#### Category Code Description

01 Health and Safety C01

- 02 Legislated C02
- 03 State of Good Repair C03
- 04 Service Improvement and Enhancement C04
- 05
   Growth Related C05

   06
   Reserved Category 1 C06
- 07 Reserved Category 2 C07

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

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### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/Fi	Financing		]	2015					Financ	ing				
Priority F	•	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				
<u>0 WAS</u>	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 ADMIN	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 ENGINEE	R01/01/2010	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 - 2015	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 ADMIN	-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 S	C 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
		-	l											

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

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/I	Financing			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	S000115 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 wa</u>	S000259 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 - 20	015 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
<u>0 WA</u>	S000442 BASEMENT FLOODING RELIEF													
0	8 BASEMENT FLOODING STUDIES & EAS	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	01/01/2013	12/31/2013	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 - 2015	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 SC	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 S	C 01/01/2015	12/31/2024	-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

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

# DI TORONTO

### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/H	Financing		2015		10			Financ	,				1
Priority	Project Project Name		mpletion Cash Flo Date	W Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverabl
<u>0 WA</u>	S000442 BASEMENT FLOODING RELIEF												
0	82 BASEMENT FLOODING STUDIES & EAS-CW IMP-2015 S	C 01/01/201512/	31/2024 -95	0 0	0	0	0	-950	0	0	0		0
		Project Sub-to	tal: 62,96	5 0	0	0	0	62,965	0	0	0		0
<u>0 WA</u>	S000521 HIGHLAND CREEK WWTP - BUILDING SERV & SITE	DEV		ĺ									
0	3 HCTP BLDG REHAB & IMPROVEMENTS	01/01/201212/3	31/2016 4,26	2 0	0	0	0	4,262	0	0	0		0
0	7 HCTP Bldg Rehab and Impro - 2015 SC	01/01/201512/3			0	0	0	-3,262	0	0	0		0
		Project Sub-to	tal: 1,00	0 0	0	0	0	1,000	0	0	0		0
0 WA	S906322 W&WW LABORATORIES	-											
0	9 LAB EQUIPMENT	01/01/201012/3	31/2015 18	6 0	0	0	0	186	0	0	0		0
0	26 LAB EQUIPMENT - 2015 SC	01/01/201512/		-	0	0	0	-66	0	0	0		0
Ū		Project Sub-to		-	0	0	0	120	0	0			0
0 WA								.20					
	<u>S906328</u> <u>SWM END OF PIPE FACILITIES</u> 9 NORTH TORONTO CSO CONSTR	01/01/201212/	21/2015 5.20	9 0	0	400	0	4.057	0	0	0		0
0 0	11 Bonar Creek Construction	01/01/201312/3		-	0 0	432 80	0	4,957 920	0	0	0		0 0
0	12 EARL BALES SWM FACILITY - PHASE 2	01/01/2014 12/	,	-	0	80 354	0	920 4,046	0	0	0		
0	53 EARL BALES SWM FACILITY - PHASE 2 53 EARL BALES PARK SWM FACILITY - PHASE 2 - 2015 SC	01/01/2015 12/3	,		0	354 8	0	4,040	0	0	0		0 0
0	54 NORTH TORONTO CSO CONSTR-2015 SC	01/01/2015 12/3		-	0	3	0	8	0	0	0		0
0	55 Bonar Creek Construction-2015 SC	01/01/2015 12/3			0	-40	0	-460	0	0	0		0
Ū		Project Sub-to		-	0	837	0	9.563	0	0			0
0 14/4			10,10	<u> </u>				0,000					<u> </u>
	S906331 SWM SOURCE CONTROL PROG							450					•
0	9 DOWNSPOUT DISCONNECTION PROGRAM	01/01/201212/3			0	0	0	150	0	0	-		0
		Project Sub-to	tal: 15	0 0	0	0	0	150	0	0	0		0
	S906380 HIGHLAND CREEK WWTP - ODOUR CONTROL												
0	1 ODOUR CONTROL UPGRADES - PHASE 1 ENG	01/01/201012/3	31/2019 1,31		0	105	0	1,205	0	0	0		0
0	2 ODOUR CONTROL UPGRADES PHASE 1 CONST	01/01/201312/3	31/2017 16,14		0	1,300	0	14,840	0	0	0		0
0	16 ODOUR CONTROL UPGRADES - PHASE 1 ENG-2015 SC				0	-64	0	-741	0	0	0		0
0	17 ODOUR CONTROL UPGRADES - PHASE 1 CONSTR-201	5 S01/01/201512/	31/2024 -1,14		0	-93	0	-1,047	0	0	0		0
		Project Sub-to	tal: 15,50	5 0	0	1,248	0	14,257	0	0	0		0
<u>0 WA</u>	S906486 ASHBRIDGES BAY T.P III YR2004												
0	3 PCS-PLANT SRVS	01/01/200412/3	31/2016 1,53	0 0	0	123	0	1,407	0	0	0		0
0	46 PCS-PLANT SRVS-2015 SC	01/01/201512/3	31/2024 -3	50	0	-3	0	-32	0	0	0		0
		Project Sub-to	tal: 1,49	5 0	0	120	0	1,375	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 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/F	inancing		2015					Financ	cing				
Priority F	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> WAS	S906487 HIGHLAND CREEK T.P IV YR2004												
0	2 PCS PLANT SERVICES	01/01/200406/30/2014	108	0	0	9	0	99	0	0	0		0 0
0	20 PCS PLANT SERVICES-2015 SC	01/01/201512/31/2024	-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 WAS	S906488 HUMBER T.P II YR2004												
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	01/01/201512/31/2024	-25	0	0	-2	0	-23	0	0			0 0
-		Project Sub-total:	155	0	0	12	0	143	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 12/31/2021	500	0	0	49 40	0	460	0	0	0		0 0
0	14 WWFMP IMPLEMENTATION - DESIGN&CONTRACT ADM		1,132	0	0	40 92	0	1,040	0	0	0		0 0
0	44 SWM CONVEYANCE 2013	01/01/2014 12/31/2023	319	0	0	32 26	0	293	0	0	0		0 0
0	51 SWM CONVEYANCE 2013	01/01/2014 12/31/2023	4,299	0	0	20	0	4,299	0	0	0		0 0
0	57 SWM CONVEYANCE 2014 - 2015 SC	01/01/2015 12/31/2024	-2,048	0	0	0	0	-2,048	0	0	0		0 0
0	58 SWM CONVEYANCE 2015	01/01/2015 12/31/2024	1,034	0	0	0	0	1,034	0	0	0		0 (
0	59 STORM WATER POND ASSESSMENT & CLEANING	01/01/2015 12/31/2024	200	0	0	0	0	200	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	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	01/01/2015 12/31/2024	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	-											
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	01/01/2010 12/31/2013	14,184	0	0	0	0	14,184	0	0	0		0 (
0	21 PPD - INFRASTRUCTURE PLANNING STUDIES	01/01/2014 12/31/2023	180	0	0	0	0	180	0	0	0		0 (
0	25 SEWER ASSET PLANNING - 2015 SC	01/01/2015 12/31/2024	675	0	0	54	0	621	0	0	0		0 0
0	26 SEWER SYSTEM INSPECTION-2015 SC	01/01/2015 12/31/2024	-5,176	0	0	0	0	-5,176	0	0	0		0 0
0	27 PPD - INFRASTRUCTURE PLANNING STUDIES-2015 SC	01/01/2015 12/31/2024	-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
0 WA	S906500 NEW SEWER CONSTRUCTION	-											
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	01/01/2015 12/31/2024	-310	0	0	-193	0	-117	0	0	0		0 0
0	24 WATERFRONT SANITARY MASTER SERVICING PLAN IM		1,000	0	0	500	0	500	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

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### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/	Financing		2015	1				Financ	cing				
Priority	Project Project Name	Start Date Comple Date	ion 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> W/	AS906500 NEW SEWER CONSTRUCTION												
0	25 DOWNSVIEW LANDS EXTERNAL UPGRADES	01/01/201512/31/2	2,000	0	0	2,000	0	0	0	0	0		0 0
		Project Sub-total:	3,500	0	0	2,811	0	689	0	0	0		0 0
<u>o w</u>	AS906735 DIST SEWER REHAB OPS YR2005												
0	10 GROUP 1 SEWAGE PUMPING STATION UPGRADES	01/01/2012 12/31/2	388	0	0	31	0	357	0	0	0		0 0
		Project Sub-total:	388	0	0	31	0	357	0	0	0		0 0
0 W/	AS906741 HIGHLAND CREEK TP YR2005												
0	1 WAS THICKENING AND DEWATERING ENG	03/01/2005 12/31/2	018 317	0	0	26	0	291	0	0	0		0 0
0	17 WAS THICKENING AND DEWATERING - ENG-2015 SC	01/01/201512/31/2	.195	5 O	0	-16	0	-179	0	0	0		0 0
		Project Sub-total:	122	0	0	10	0	112	0	0	0		0 0
0 W/	AS906742 HUMBER TP YR2005												
0	6 HEADHOUSE UPGRADES Phase 1	01/01/201012/31/2	)14 40	0	0	4	0	36	0	0	0		0 0
0	8 ODOUR CONTROL ENGINEERING	01/01/2007 12/31/2	1,213	0	0	0	0	1,213	0	0	0		0 0
0	53 ODOUR CONTROL ENGINEERING-2015 SC	01/01/201512/31/2	560	0	0	0	0	560	0	0	0		0 0
0	54 HEADHOUSE UPGRADES PHASE 1 - 2015 SC	11/13/2014 11/13/20	-20	0	0	-2	0	-18	0	0	0		0 0
		Project Sub-total:	1,793	0	0	2	0	1,791	0	0	0		0 0
<u>o w</u>	AS906743 ASHRIDGES BAY TP YR2005												
0	1 Process & Equip Upgrades	03/01/200512/31/2	016 660	0	0	53	0	607	0	0	0		0 0
0	51 SERVICE AIR UPGRADES - 2015 SC	01/01/201512/31/2	-2,500	0	0	0	0	-2,500	0	0	0		0 0
0	52 MISC MECH ENGINEERING-2015 SC	01/01/201512/31/2	-480	0	0	-39	0	-441	0	0	0		0 0
0	53 M & T RETROFIT-2015 SC	01/01/201512/31/2	024 164	0	0	0	0	164	0	0	0		0 0
1	4 M & T IMPROVEMENTS (EQUIPMENT)	01/01/200512/31/2	014 1,026	6 O	0	0	0	1,026	0	0	0		0 0
1	7 SERVICE AIR UPGRADES	01/01/2008 12/31/2	016 4,900	0	0	0	0	4,900	0	0	0		0 0
		Project Sub-total:	3,770	0	0	14	0	3,756	0	0	0		0 0
<u>o w</u>	AS906755 WESTERN BEACHES RETROFIT												
0	1 WESTERN BEACHES RETROFIT	01/01/200812/31/2	015 3,015	5 0	0	242	0	2,773	0	0	0		0 0
0	10 WESTERN BEACHES RETROFIT-2015 SC	01/01/201512/31/2	024 -1,812	0	0	-145	0	-1,667	0	0	0		0 0
		Project Sub-total:	1,203	0	0	97	0	1,106	0	0	0		0 0
<u>o w</u>	AS906926 OPERATIONAL SUPPORT												
0	6 FACILITY RENOVATION	01/01/2006 12/31/2	016 1,000	0	0	0	0	1,000	0	0	0		0 0
0	7 RENOVATION - MERTON STREET	01/01/2012 12/31/2	)12 360	0	0	0	0	360	0	0	0		0 0
0	23 HAND HELD DEVICES - UPDATED	01/01/201012/31/2	)14 150	0	0	0	0	150	0	0	0		0 0
0	40 WWTP PLC PLATFORM UPGRADE	01/01/201312/31/2	3,642	2 0	0	0	0	3,642	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 Recommended Capital Budget with Financing Detail

Wastewater Program

roject/F	Financing		2015					Financ					
riority	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 - Recoverab
<u>0 WA</u>	S906926 OPERATIONAL SUPPORT												
0	88 DIVISIONAL SECURITY - 2015 SC	01/01/2015 12/31/2024	720	0	0	0	0	720	0	0	0		0
0	90 DESIGNATED SUBSTANCE ABATEMENT - 2015 SC	01/01/2015 12/31/2024	100	0	0	0	0	100	0	0	0		0
0	91 PCS UPGRADES FOR WASTEWATER TREATMENT - 2015 S	01/01/2015 12/31/2024	-2,062	0	0	0	0	-2,062	0	0	0		0
0	92 NORTHLINE: BUILDING DEMO AND PAVING	01/01/2015 12/31/2024	300	0	0	0	0	300	0	0	0		0
0	93 EMP MONITORING NEEDS-2015 SC	01/01/2015 12/31/2024	-100	0	0	0	0	-100	0	0	0		0
	P	roject Sub-total:	4,110	0	0	0	0	4,110	0	0	0		0
<u>0 WA</u>	S906958 SEWER SYSTEM REHABILITATION												
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	5 CCTV Inspection	01/14/2006 12/31/2013	1,000	0	0	0	0	1,000	0	0	0		0
0	8 SPS SCADA UPGRADES - ENGINEERING	01/01/2008 12/31/2014	600	0	0	48	0	552	0	0	0		0
0	9 SEWER REHABILITATION	01/01/2008 12/31/2013	22,111	0	0	0	0	22,111	0	0	0		0
0	23 SEWAGE PUMPING STATION STANDBY POWER	01/01/2010 12/31/2014	810	0	0	65	0	745	0	0	0		0
0	24 GROUP 5 SEWAGE PUMPING STATION CAPACITY UPGRA	101/01/2009 12/31/2016	3,250	0	0	262	0	2,988	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	68 SEWAGE PUMPING STATION STANDBY POWER - 2015 SC	01/01/2015 12/31/2024	-688	0	0	-55	0	-633	0	0	0		0
0	69 GROUP 5 SEWAGE PUMPING STATION UPGRADES - 2015	01/01/2015 12/31/2024	-2,216	0	0	-179	0	-2,037	0	0	0		0
0	70 CCTV INSPECTION-2015 SC	01/01/2015 12/31/2024	200	0	0	0	0	200	0	0	0		0
0	72 SEWER REHABILITATION-2015 SC	01/01/2015 12/31/2024	8,942	0	0	0	0	8,942	0	0	0		0
0	73 LATERAL REHAB- 2015 SC	01/01/2015 12/31/2024	271	0	0	0	0	271	0	0	0		0
	P	roject Sub-total:	35,068	0	0	204	0	34,864	0	0	0		0
<u>) wa</u>	S906960 STREAM RESTORATION & EROSION CONTROL												
0	1 HIGHLAND CREEK STREAM RESTORATION	01/01/2006 12/31/2013	1,000	0	0	80	0	920	0	0	0		0
0	7 STREAM RESTORATION	01/01/2008 12/31/2016	7,533	0	0	607	0	6,926	0	0	0		0
0	26 STREAM RESTORATION-CRITICAL LOCATIONS	10/09/2012 10/09/2012	500	0	0	0	0	500	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	35 STREAM RESTORATION - 2015 SC	01/01/2015 12/31/2024	4,828	0	0	388	0	4,440	0	0	0		0
0	36 STREAM RESTORATION - CRITICAL LOCATIONS - 2015 SC	01/01/2015 12/31/2024	-500	0	0	0	0	-500	0	0	0		0
	P	roject Sub-total:	12,361	0	0	995	0	11,366	0	0	0		0
<u>) wa</u>	S906964 CONVEYANCE CONTROLS - REPLC & REHAB												
0	18 COATSWORTH CUT - PHASE 1 WATER QUALITY IMP	01/01/2012 12/31/2013	64	0	0	0	0	64	0	0	0		0
0	28 COATSWORTH CUT PHASE 1 WATER QUALITY IMP-2015 S	601/01/201512/31/2024	-20	0	0	0	0	-20	0	0	0		0
	P	roject Sub-total:	44	0	0	0	0	44	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 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/	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
<u>0</u> WA	AS906966 SWM TRCA FUNDING												
0	18 TORONTO WATER TRANSFER TO TRCA CAPITAL - 2015	SC01/01/2014 12/31/2023	4,069	0	0	327	0	3,742	0	0	0		0 0
		Project Sub-total:	4,069	0	0	327	0	3,742	0	0	0		0 0
0 WA	AS906968 ENGINEERING	-											
0	2 CONSULTING FEES	01/01/2006 12/31/2016	5,298	0	0	0	0	5,298	0	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
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
0	56 ECS SALARIES - 2015 SC	01/01/2015 12/31/2024	12,199	0	0	0	0	12,199	0	0	0		0 (
•		Project Sub-total:	21,024	0	0	0	0	,	0	0	0		0 0
0 14/					-	-	-						
		04/04/004040/004/0040	4 000	0	0	0	0	4 000	0	0	0		
0 0	24 SEWAGE FORCEMAIN REPLACEMENT 25 SEWER REPLACEMENT 2012	01/01/201012/31/2010	1,662	0	0 0	0	0	1,662 2.122	0	0	0		0 C 0 C
0	35 SEWER REPLACEMENT - 2012 35 SEWER REPLACMENT - 2013 PROGRAM	01/01/2012 12/31/2013	2,122	0	0	0 259	0	2,122	0	0	0		0 0
0			3,204	0	0	259	0	,	0	0	0		
0	36 SEWER REPLC - 2014 PROGRAM	01/01/2014 12/31/2023	13,580	0	0	0	-	13,580	0	0	0		0 0
0	44 COXWELL TRUNK EMERGENCY REPAIR 46 WATERFRONT STORMWATER INFRASTRUCTURE	01/01/201312/31/2022 06/26/201306/26/2013	1,559 2,750	0	0	1,544	0	1,559 1,206	0	0	0		0 0
0	40 WATERFRONT STORMWATER INFRASTRUCTURE 47 WATERFRONT SANITARY SERVICING INFRASTRUCTUR		3,561	0	0	2,324	0	1,200	0	0	0		0 0
0	52 SEWER REPLACEMENT - METROLINX	01/01/2014 12/31/2023	2,245	0	0	2,324	0	2,245	0	0	0		0 0
0	59 FORCEMAIN REPLACEMENT - METROLINA	01/01/2014 12/31/2023	-1,000	0	0	0	0	-1,000	0	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
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
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
0	63 2012 SEWER REPLC-2015 SC	01/01/2015 12/31/2024	-803	0	0	0	0	-803	0	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		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 (
Ū		Project Sub-total:	44,446	0	0	14,207	0	30,239	0	0	0		0 (
0 14/						11,207		00,200					
_	AS906980 ASHBRIDGES BAY T.P. YR2006	04/04/0000040/004/0045	05	0	0	0	0	00	0	0	0		0
0	8 MEDIATION AGREEMENT IMPLEMENTATION - PART 2	01/01/2006 12/31/2015	25	0	0 0	2	0	23	0	0	0		0 0
0 0	9 DEWATERING EQUIPMENT UPGRADES 36 DEWATERING EQUIPMENT UPGRADES-2015 SC	01/01/2006 12/31/2016	2,030	0	0	164	0	1,866	0	0	0		0 ( 0 (
0	36 DEWATERING EQUIPMENT OPGRADES-2015 SC 37 MEDIATION AGREEMENT IMPLEMENTATION- 2015 SC	01/01/2015 12/31/2024	-1,220	0	0	-99 -2		-1,121	0	0	0		0 C 0 C
U	57 WEDIATION AGREENENT INFLEMENTATION-2015 SC	01/01/201512/31/2024	-25	0	-		0	-23	-		0		
		Project Sub-total:	810	0	0	65	0	745	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 Recommended Capital Budget with Financing Detail

Wastewater Program

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
<u>0 WA</u>	S906981 HIGHLAND CREEK WWTP UPGRADES												
0	1 PROCESS & FACILITY UPGRADE	01/01/200612/31/2017	2,780	0	0	0	0	2,780	0	0	0		0 0
0	3 BIOSOLIDS TREATMENT UPGRADES	01/01/200612/31/2018	10,892	0	0	881	0	10,011	0	0	0		0 0
0	7 MECH & ELECTRICAL UPGRADE ENGINEERING	01/01/2007 12/31/2015	1,467	0	0	0	0	1,467	0	0	0		0 0
0	8 DIGESTER GAS SYSTEM UPGRADES	01/01/201012/31/2016	1,785	0	0	0	0	1,785	0	0	0		0 0
0	16 MECH SYSTEMS UPGRADES - CONSTR	10/01/200812/31/2014	731	0	0	0	0	731	0	0	0		0 0
0	23 ELECTRICAL UPGRADES-ECAR	01/01/201212/31/2016	2,357	0	0	0	0	2,357	0	0	0		0 0
0	31 ELEC SYSTEM UPGRADES - CONSTR	01/01/201012/31/2014	1,076	0	0	0	0	1,076	0	0	0		0 0
0	32 CEPA COMPLIANCE - CL NOTICE - HCTP	01/01/201412/31/2023	2,050	0	0	0	0	2,050	0	0	0		0 0
0	80 DIGESTER CLEANING, REHAB AND IMPROVEMENTS #4	<b>1-7</b> 01/01/201412/31/2023	2,704	0	0	0	0	2,704	0	0	0		0 0
0	83 PLANT FIRM CAPACITY - CONCEPT DESIGN	09/18/201309/18/2013	25	0	0	0	0	25	0	0	0		0 0
0	85 MECH SYSTEM UPGRADES - CONSTR - 2015 SC	01/01/201512/31/2024	-681	0	0	0	0	-681	0	0	0		0 0
0	86 CEPA COMPLIANCE - CL NOTICE - HCTP - 2015 SC	01/01/201512/31/2024	-2,000	0	0	0	0	-2,000	0	0	0		0 0
0	87 DIGESTER CLEANING, REHAB AND IMPRO #4-7 - 2015 \$	SC 01/01/201512/31/2024	-1,690	0	0	0	0	-1,690	0	0	0		0 0
0	90 PROCESS IMPROVEMENTS (ROADMAP FOR RCM)	01/01/201512/31/2024	50	0	0	0	0	50	0	0	0		0 0
0	91 PROCESS, EQUIPMENT, FACILITY UPGRADES	01/01/201512/31/2024	555	0	0	0	0	555	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	94 PROCESS & FACILITY UPGRADE-2015 SC	01/01/201512/31/2024	8	0	0	0	0	8	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	96 MECH & ELECTRICAL UPGRADE ENGINEERING-2015 S	C 01/01/201512/31/2024	-1,299	0	0	0	0	-1,299	0	0	0		0 0
0	97 ELEC SYSTEM UPGRADES - CONSTR-2015 SC	01/01/201512/31/2024	-776	0	0	0	0	-776	0	0	0		0 0
0	98 DIGESTER GAS SYSTEM UPGRADES-2015 SC	01/01/201512/31/2024	-710	0	0	0	0	-710	0	0	0		0 0
0	99 ELECTRICAL UPGRADES - ECAR-2015 SC	01/01/201512/31/2024	63	0	0	0	0	63	0	0	0		0 0
0	102 LIQUID TRAIN - ENGINEERING	01/01/201512/31/2024	200	0	0	0	0	200	0	0	0		0 0
		Project Sub-total:	19,657	0	0	838	0	18,819	0	0	0		0 0
<u>0 WA</u>	S906982 HUMBER WWTP UPGRADES												
0	2 Chlorine Building Upgrade	01/01/201012/31/2015	3,066	0	0	0	0	3,066	0	0	0		0 0
0	5 FLOOD PROTECTION	01/01/201212/31/2013	250	0	0	0	0	250	0	0	0		0 0
0	6 NEW SUBSTATION	01/01/2006 06/30/2014	2,080	0	0	0	0	2,080	0	0	0		0 0
0	7 ELECTRICAL CONDITION ASSESSMENT RECOMMENDA	TI(01/01/201012/31/2021	2,129	0	0	0	0	2,129	0	0	0		0 0
0	8 NEW GROUNDSKEEPING BUILDING and RAS Control Ro	orr01/01/201212/31/2013	350	0	0	0	0	350	0	0	0		0 0
0	29 ADMIN BUILDING EXPANSION	01/01/2014 12/31/2023	350	0	0	0	0	350	0	0	0		0 0
0	52 HVAC UPGRADES	01/01/201312/31/2015	3,950	0	0	0	0	3,950	0	0	0		0 0
0	73 ADMIN BUILDING EXPANSION - 2015 SC	01/01/201512/31/2024	-250	0	0	0	0	-250	0	0	0		0 0
0	74 HVAC UPGRADES - 2015 SC	01/01/201512/31/2024	-3,400	0	0	0	0	-3,400	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 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/F	Financing		2015					Financ	ing				
Priority	Project Project Name	Start Date Compl Dat		Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
<u>0</u> WA	AS906982 HUMBER WWTP UPGRADES												
0	75 HYDRAULIC ASSESSMENT	01/01/2015 12/31/2	.024 50	0	0	0	0	50	0	0	0		0 0
0	76 CHLORINE FACILITY UPGRADE-2015 SC	01/01/2015 12/31/2	.024 -19	0	0	0	0	-19	0	0	0		0 0
0	77 ELECTRICAL CONDITION ASSESSMENT -2015 SC	01/01/2015 12/31/2	.024 -1,057	0	0	0	0	-1,057	0	0	0		0 0
0	78 NEW SUBSTATION-2015 SC	01/01/2015 12/31/2	.024 668	8 0	0	0	0	668	0	0	0		0 0
0	79 NEW GROUNDSKEEPING BUILDING-2015 SC	01/01/2015 12/31/2	.024 850	0 0	0	0	0	850	0	0	0		0 0
0	80 FLOOD PROTECTION-2015 SC	01/01/2015 12/31/2	.024 -250	0 0	0	0	0	-250	0	0	0		0 0
0	85 BUILDING UPGRADES ENGINEERING- 2015 SC	01/01/2015 12/31/2	.024 370	0 0	0	0	0	370	0	0	0		0 0
		Project Sub-total	9,137	0	0	0	0	9,137	0	0	0		0 0
0 WA	AS906994 HIGHLAND CREEK WWTP - SOLIDS & GAS HANDL	ING											
0	1 HCTP BIOSOLIDS IMPLEMENTATION - ENGINEERING	01/01/2012 12/31/2	4,300	0	0	346	0	3,954	0	0	0		0 0
0	3 WAS THICKENING AND DEWATERING CONSTR	01/01/2010 12/31/2	016 3,000	0	0	242	0	2,758	0	0	0		0 0
0	13 HIGHLAND CREEK WWTP - BMP IMPLEMENTATION - 2	015 01/01/2015 12/31/2	.024 -3,654	0	0	-294	0	-3,360	0	0	0		0 0
0	14 WAS THICKENING - CONSTR-2015 SC	01/01/2015 12/31/2	.024 -2,900	0	0	-234	0	-2,666	0	0	0		0 0
		Project Sub-total	746	0	0	60	0	686	0	0	0		0 0
0 WA	AS907038 Land Acquisition for Source Water Protect	-											
0	13 TRCA - CRITICAL EROSION SITES	01/01/201512/31/	.024 7,000	0	0	564	0	6,436	0	0	0		0 0
0	14 TRCA - SCARBOROUGH WATERFRONT TRAIL EA - 201		,		0	0	0	1,500	0	0	0		0 0
Ū		Project Sub-total	. ,		0	564	0	7,936	0	0	0		0 0
0 14/4	AS907097 ASHBRIDGES BAY WWTP - BUILDING SERVICES 8	•	-,	-			-	,	-	-			
			045 070	0				070					
0 0	7 CONTROLLED SUBSTANCE IDENTIFICATION AND ABA 19 CITY IMPROVEMENTS RE: TH COGEN	01/01/2010 12/31/2 01/01/2012 12/31/2			0 0	0	0	270 1,050	0	0	0		0 0
0	21 BLOWER BLDG AND OLD NORTH SUBSTAION IMPROV				0	0	0	2.647	0	0	0		0 0
0	50 CONTROLLED SUBS IDENTIFICATION&ABATEMENT-20			-	0	0	0	-170	0	0	0		0 0
0	51 CITY IMPROVEMENTS RE: TH COGEN - 2015 SC	01/01/2015 12/31/			0	0	0	-900	0	0	0		0 0
0	53 BLOWER BLDG & OLD NORTH SUBSTATION IMPRO-20		-	-	0	0	0	-1,947	0	0	0		0 0
U		Project Sub-total			0	0	0	950	0	0	0		0 0
o 14/4				· ·	0	0	0		0	0	0		
	AS907098 ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM								-	-	_		
0		01/01/2010 12/31/2	,		0	153	0	1,746	0	0	0		0 0
0	13 ABTP OUTFALL ASSESSMENT	01/01/2012 12/31/2	,		0	105	0	1,195	0	0	0		0 0
0		01/01/2015 12/31/2			0	8	0	92	0	0	0		0 0
0	21 DISINFECTION ENGINEERING - 2015 SC	01/01/2015 12/31/2			0	-93	0	-1,056	0	0	0		0 0
0	22 OUTFALL ASSESSMENT - 2015 SC	01/01/201512/31/2	,		0	-104	0	-1,186	0	0	0		0 0
		Project Sub-total	860	0	0	69	0	791	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 Recommended Capital Budget with Financing Detail

Wastewater Program

Project/Fina Priority Proj 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ject Project Name	01/01/2013 12/31/2015 01/01/2010 12/31/2016 01/01/2014 12/31/2023 01/01/2012 12/31/2013 01/01/2010 12/31/2021	9,500 25,175 5,250	Grants Subsidies	Federal Subsidy 0	Charges 765	Reserves 0	Reserve Funds 8.735	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 0 0 0 0 0	1 FINE BUBBLE AERATION IMPLEMENTATION 3 PRIMARY TREATMENT UPGRADE CONT #1 6 M & T PUMPING STATION CRITICAL REPAIRS 7 Primary and Secondary Tanks Rehabilitation 10 INTERGRATED PUMPING STATION - ENGINEERING 12 WORK AREA 1 REHAB	01/01/2013 12/31/2015 01/01/2010 12/31/2016 01/01/2014 12/31/2023 01/01/2012 12/31/2013 01/01/2010 12/31/2021	25,175 5,250	0			0	8 735	0	0			
0 0 0 0 0	3 PRIMARY TREATMENT UPGRADE CONT #1 6 M & T PUMPING STATION CRITICAL REPAIRS 7 Primary and Secondary Tanks Rehabilitation 10 INTERGRATED PUMPING STATION - ENGINEERING 12 WORK AREA 1 REHAB	01/01/2010 12/31/2016 01/01/2014 12/31/2023 01/01/2012 12/31/2013 01/01/2010 12/31/2021	25,175 5,250	0			0	8 735	0	0	-		
0 0 0 0	6 M & T PUMPING STATION CRITICAL REPAIRS 7 Primary and Secondary Tanks Rehabilitation 10 INTERGRATED PUMPING STATION - ENGINEERING 12 WORK AREA 1 REHAB	01/01/201412/31/2023 01/01/201212/31/2013 01/01/201012/31/2021	5,250		0			0,700	0	0	0		0 0
0 0 0	7 Primary and Secondary Tanks Rehabilitation 10 INTERGRATED PUMPING STATION - ENGINEERING 12 WORK AREA 1 REHAB	01/01/2012 12/31/2013 01/01/2010 12/31/2021	,	0		2,018	0	23,157	0	0	0		0 0
0 0	10 INTERGRATED PUMPING STATION - ENGINEERING 12 WORK AREA 1 REHAB	01/01/201012/31/2021	1 900		0	0	0	5,250	0	0	0		0 0
0	12 WORK AREA 1 REHAB		1,300	0	0	153	0	1,747	0	0	0		0 0
•			4,500	0	0	0	0	4,500	0	0	0		0 0
0	57 INTEGRATED DI IMPING STATION (IDS) ENG 2015 SC	01/01/2010 12/31/2015	2	0	0	0	0	2	0	0	0		0 0
	37 INTEGRATED FOMFING STATION (IFS) - ENG - 2013 SC	01/01/201512/31/2024	-1,550	0	0	0	0	-1,550	0	0	0		0 0
0	59 Primary and Final Tank Upgrades - 2015 SC	01/01/201512/31/2024	1,000	0	0	81	0	919	0	0	0		0 0
0	60 M & T PUMPING STATION CRITICAL REPAIRS - 2015 SC	01/01/201512/31/2024	-1,050	0	0	0	0	-1,050	0	0	0		0 0
0	61 FINE BUBBLE AERATION - TANK #2-2015 SC	01/01/201512/31/2024	-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
	F	Project Sub-total:	42,582	0	0	2,852	0	39,730	0	0	0		0 0
0 WAS90	7100 ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDLING	<u> </u>											
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-2015	5 01/01/2015 12/31/2024	-950	0	0	0	0	-950	0	0	0		0 0
	F	Project Sub-total:	3,000	0	0	169	0	2,831	0	0	0		0 0
0 WAS90	7101 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	01/01/201206/30/2014	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
	F	Project Sub-total:	5,270	0	0	0	0	5,270	0	0	0		0 0
0 WAS90	7102 ASHBRIDGES BAY WWTP - ODOUR CONTROL												
0	6 BIOFILTERS UPGRADE	01/01/2012 12/31/2015	7,054	0	0	567	0	6,487	0	0	0		0 0
0	13 D BUILDING TREATMENT & BIOFILTER	01/01/2010 12/31/2013			0	130	0	1,483	0	0	0		0 0
0	32 BIOFILTERS UPGRADE & REPLACEMENT - 2015 SC	01/01/2015 12/31/2024	,	_	0	-370	0	-4,241	0	0	0		0 0

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

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### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Wastewater Program

roject/l	Financing			2015	ļ	7			Financ					
riority	Project Project Name	Start D	ate Complet Date	on Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverabl
<u>0 WA</u>	S907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL													
0	33 D BUILDING TREATMENT & BIOFILTER-2015 SC	01/01/20	1512/31/20	-1,413	0	0	-114	0	-1,299	0	0	0		0 0
		Project S	ub-total:	2,643	0	0	213	0	2,430	0	0	0		0
<u>0 wa</u>	S907104 HUMBER WWTP - LIQUID TREATMENT & HANDLIN	<u>G</u>												
0	2 SECONDARY TREATMENT UPGRADES	01/01/20	1012/31/20	21 8,593	0	0	21	0	8,572	0	0	0		0
0	18 SECONDARY TREATMENT UPGRADES -2015 SC	07/02/20	1407/02/20	14 537	0	0	714	0	-177	0	0	0		0
0	19 SECONDARY TREATMENT UPGRADES - SOUTH - CON	S 01/01/20	1512/31/20	24 200	0	0	16	0	184	0	0	0		0
		Project S	ub-total:	9,330	0	0	751	0	8,579	0	0	0		0
<u>0 WA</u>	S907105 HUMBER WWTP - O&M UPGRADES													
0	1 Digester 7 & 8 Upgrades & Cogen Upgrades	01/01/20	1012/31/20	21 12,217	0	0	0	0	12,217	0	0	0		0
0	2 LIQUID STREAM UPGRADES	01/01/20	1012/31/20	13 250	0	0	20	0	230	0	0	0		0
0	27 GAS COMPRESSOR SYSTEM UPGRADES-2015 SC	01/01/20	1512/31/20	-2,633	0	0	0	0	-2,633	0	0	0		0
0	28 LIQUID STREAM UPGRADES-2015 SC	01/01/20	1512/31/20	-250	0	0	-20	0	-230	0	0	0		0
		Project S	ub-total:	9,584	0	0	0	0	9,584	0	0	0		0
<u>wa</u>	S907106 HUMBER WWTP - ODOUR CONTROL													
0	1 Odour Control Implementation Phase 1	01/01/20	1212/31/20	18 15,000	0	0	1,207	0	13,793	0	0	0		0
0	11 ODOUR CONTROL IMPLEMENTATION - PHASE 1-2015	SC 01/01/20	1512/31/20	24 17,730	0	0	1,427	0	16,303	0	0	0		0
		Project S	ub-total:	32,730	0	0	2,634	0	30,096	0	0	0		0
<u>0 wa</u>	S907224 SEWAGE PUMPING STATION UPGRADES													
0	1 SPS UPGRADES	01/01/20	11 12/31/20	19 7,302	0	0	588	0	6,714	0	0	0		0
0	2 SCOTT STREET PS UPGRADES	01/01/20	1212/31/20	13 20	0	0	2	0	18	0	0	0		0
0	4 SUNNYSIDE AND MARYPORT SPS UPGRADES	01/01/20	1212/31/20	14 1,137	0	0	91	0	1,046	0	0	0		0
0	22 SUNNYSIDE SPS REHAB - 2015 SC	01/01/20	1512/31/20	24 443	0	0	36	0	407	0	0	0		0
0	23 SCOTT ST PS -2015 SC	01/01/20	1512/31/20	-6	0	0	-1	0	-5	0	0	0		0
0	24 SPS UPGRADES-2015 SC	01/01/20	1512/31/20	24 -331	0	0	-27	0	-304	0	0	0		0
		Project S	ub-total:	8,565	0	0	689	0	7,876	0	0	0		0
<u>) wa</u>	S907559 DON & WATERFRONT TRUNK CSO													
0	1 DON & WATERFRONT TRUNK/CSO PKG 1 - DESIGN	01/01/20	12 12/31/20	6,989	0	0	562	0	6,427	0	0	0		0
0	10 Don&Waterfront Trunk/CSO Design PH1-2015 SC	01/01/20	1512/31/20	24 -839	0	0	-67	0	-772	0	0	0		0
		Project S	ub-total:	6,150	0	0	495	0	5,655	0	0	0		0
<u>0 wa</u>	S907700 NORTH TORONTO WTP UPGRADES													
0	2 NTTP-ELECTRICAL UPGRADES	01/01/20	1212/31/20	18 915	0	0	0	0	915	0	0	0		0

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

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### Appendix 5 - 2015 Recommended Capital Budget with Financing Detail

Wastewater Program

Sub-Project Summary

Project/Financing		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
0 WAS907700 NORTH TORONTO WTP UPGRADES												
0 8 NTTP - ELECTRICAL UPGRADES - ECAR - 2015 SC	01/01/201512/31/2024	-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 WAS908143 Georgetown South City Infrastructure Upgrades												
0 1 Georgetown South City Infrastructure Upgrades	01/01/201512/31/2015	2,840	0	0	0	0	2,840	0	0	0		0 0
	Project Sub-total:	2,840	0	0	0	0	2,840	0	0	0		0 0
0 WASWP003 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	07/02/201407/02/2014	-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 WASWP050 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	01/01/201512/31/2024	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 Total:		463,845	0	0	31,598	0	432,247	0	0	0		0 0

#### Status Code Description

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

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

- S4 S4 New - Stand-Alone Project (Current Year Only)
- S5 S5 New (On-going or Phased Projects)

#### Category Code Description

- 01 Health and Safety C01
- 02 Legislated C02
- 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

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	Table 1						Contri	butions / (	Withdraw	ls)			
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)
	Beginning Balance	49,653	62,188	59,975	57,139	32,391	25,416	26,043	29,069	22,562	19,545	22,907	
Water DC Reserve Fund	REPLACEMENT		(179)	(549)									(728)
	BAYVIEW TRUNK WATERMAIN - PH2					(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)
	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)								(3,934)
	ENGINEERING STUDIES		(52)	(25)									(77)
	HARRIS W.T.P. R&R			(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						Contri	ibutions / (	Withdraw	ls)			
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)
	Beginning Balance	52,661	50.358	41,548	35,118	31.837	28,453	22.114	16.989	12.578	7.348	5,966	
Sanitary Sewer DC Reserve	ASHBRIDGES BAY T.P III YR2004	-,	(120)	(4)	(2)	0.,000		,		,	. 10 . 0	0,000	(126)
Fund	ASHBRIDGES BAY T.P. YR2006		(65)	(41)	(84)								(190)
XR2026 DC - Sewer (2004)	ASHBRIDGES BAY WWTP - EFFLUENT		(00)	()	(4.)								(100)
x112020 BC Seller (2001)	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 &		(100)	(000)	(4.500)	(1.000)	(1.0.15)		(0.40)	(0.10)	(0)		(7.407)
			(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)
	A SHRIDGES BAY TPYR2005		(14)	(73)	(22)	(68)							(177)
	DIST SEWER REHAB OPS Y R2005		(31)	(1)									(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)									(15)
	HIGHLAND CREEK TP Y R2005		(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 SY STEM				(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		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

### 2015 Capital Budget

### **Toronto Water**

	Table 3						Contr	ibutions / (	Withdraw	ls)			
		Projected Balance as											2015 - 2024 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)
	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	
Storm Water Management DC	EMERY CREEK POND		(314.0)	(86.0)									(400.0)
Reserve Fund	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)
XR2113 DC - SWM (2009)	STREAM RESTORATION & EROSION 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 Variar	ice Report												

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\* Based on the 9 Month Variance Report