



CAPITAL ANALYST NOTES



Toronto Water I: 2014 - 2023 CAPITAL BUDGET AND PLAN OVERVIEW

2014 - 2023 Capital Budget and Plan Highlights

Toronto Water is responsible for water treatment and supply; wastewater collection and treatment; and stormwater management across the City.

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 (5,466 km) and transmission (548 km) watermains, sanitary (3,930 km), combined (1,511 km) and storm (4,954 km) sewers; and facilities/plant assets such as water filtration (4) and waste water treatment plants (4), water (18) and wastewater pumping stations (82), reservoirs, storage and detention tanks.

While State of Good Repair (SOGR) projects remain a priority, given the significant backlog in infrastructure renewal, considerable funding (\$2.871 billion) is still provided to support the implementation of the Wet Weather Flow Master Plan, Basement flooding projects and Growth Related projects, some of which are partially recovered from Development Charges.

Contents

I: O	verview	1
II: F	Recommendations	4
III:	10-Year Capital Plan	6
	2014 Recommended Capital Budget	27
V: I	ssues for Discussion	32
App	pendices:	
1)	2013 Performance	46
2)	10-Year Recommended Capital Plan Summary	49
3)	2014 Recommended Capital Budget; 2015 - 20 Capital Plan	23 51
4)	2014 Recommended Cash Flow & Future Year Commitments	52
5)	2014 Recommended Capital Projects with Financing Detail	52
6)	2014 Reserve / Reserve Fund Review 53	54

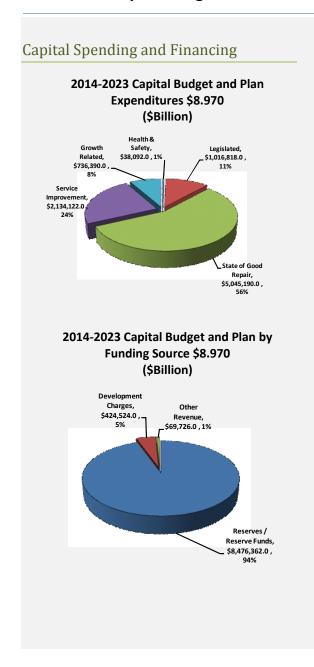
Contacts

Stephen Conforti
Manager, Financial Planning
Tel: (416) 397-0958
Email: sconfor@toronto.ca

Maria Djergovic Senior Financial Planning Analyst

Tel: (416) 397-4558

Email: mdjergo@toronto.ca



Where does the money go?

The 2014–2023 Recommended Capital Budget and Plan totals \$8.971 billion. It provides funding for Health and Safety projects of \$38.092 million; Legislated projects of \$1.016 billion; State of Good Repair projects of \$5.045 billion; Service Improvement projects of \$2.134 billion, and Growth Related projects of \$736.390 million.

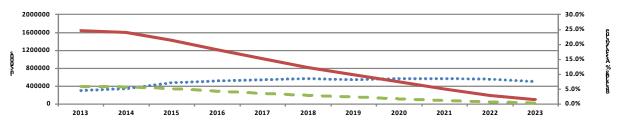
A primary focus of the 2014-2023 Recommended Capital Plan is to undertake on-going state of good repair projects for linear infrastructure renewal ensuring the replacement or rehabilitation of aging watermains and sewers and investment in the City's aging wastewater treatment facilities.

Where the money comes from?

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

- The 2014 2023 Recommended Capital Budget and Plan is funded primarily from the Program's reserves, which account for approximately 94% of financing sources or \$8.476 billion.
- Development charges provide funding of approximately 5% or \$424.524 million.
- Revenues for capital cost sharing with York Region provide the remaining 1% or \$69.726 million in funding for the Program.

State of Good Repair Backlog



The 10-Year Recommended Capital Plan spending on State of Good Repair is \$5.045 billion which will reduce the backlog from 5.8 % as a percentage of asset value in 2013 to 0.3% in 2023.

Key Challenges and Priority Actions

State of Good Repair Backlog – 2013 year-end renewal backlog is estimated at \$1.641 billion.

✓ The 10-Year Recommended Capital Plan includes funding of \$5.045 billion to address accumulated backlog.

Extreme Weather Events & Significant Long—Term Unbudgeted Pressures - Approximately \$717 million in unfunded capital pressures over the 10-year planning horizon has been identified.

Executive Committee considered a report entitled, "Future Options and Public Attitudes for Paying for Water, Wastewater and Stormwater Infrastructure and Services" to aid in developing a financing strategy to support Toronto Water.

Recent and Emerging Regulations - Full financial implications arising from new and emerging regulations are still not fully known at this time.

✓ The 10-Year Recommended Capital Plan includes funding of \$205.8 million to meet the most recent federal regulations.

Capital Financing Reserve - The reserve falls below \$60 million in 2021-2023 as a result of the extensive work to be undertaken at the wastewater treatment plants.

√ The 10-Year Recommended Plan maximises the use of Development Charge Funding

2014 Capital Budget Highlights

The 2014 Recommended Capital Budget provides funding of \$613.270 million to:

- Continue state of good repair projects to address infrastructure renewal such as District Watermain Replacement and Rehabilitation (\$91.035 million) and Sewer System Replacement and Rehabilitation (\$85.793 million);
- Continue the Basement Flooding Relief project (\$61.256 million), implementation of the Wet Weather Flow Master Plan projects (\$33.336 million), and Critical Erosion Projects (\$74.476 million)
- Continue implementation of the Water Metering Program (\$47.450);
- Complete Class EA studies for all basement flooding areas by the end of 2014.
- Begin the Chemical and Residuals Management projects at the Island Water Treatment Plant (\$0.150 million).









II: RECOMMENDATIONS

Recommendations

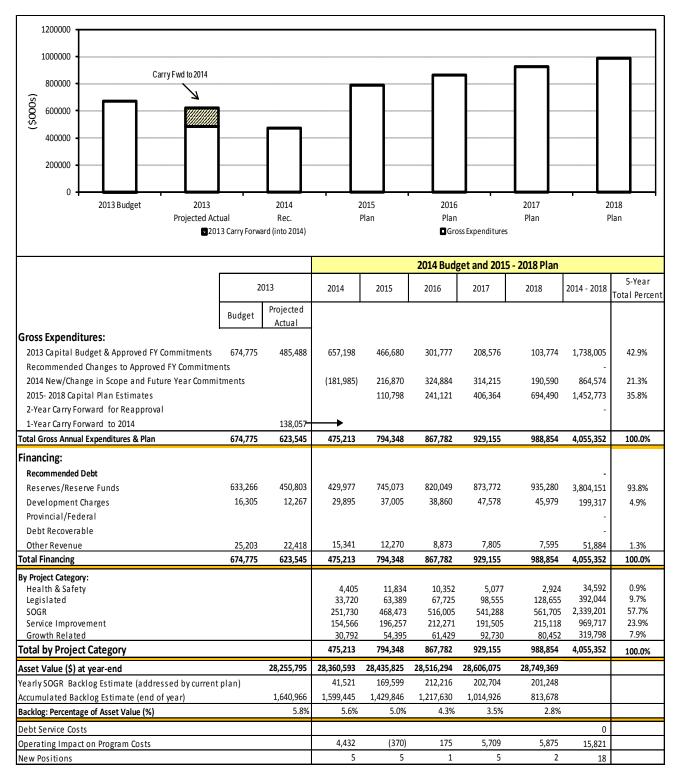
The City Manager and Chief Financial Officer recommend that:

- 1. City Council approve the 2014 Recommended Capital Budget for Toronto Water with a total project cost of \$968.676 million, and 2014 cash flow of \$613.270 million and future year commitments of \$2.580 billion comprised of the following:
 - a) New Cash Flow Funding for:
 - i) 260 new / change in scope sub-projects with a 2014 total project cost of \$968.676 million that requires cash flow of (\$181.985 million) in 2014 and a future year cash flow commitment of \$216.870 million in 2015; \$324.884 million in 2016, \$314.215 million in 2017, \$190.590 million in 2018, \$85.214 million in 2019, (\$8.734 million) in 2020; (\$10.609 million) in 2021, (\$13.921) million in 2022, and \$52.152 million in 2023;
 - ii) 216 previously approved sub-projects with a 2014 cash flow of \$657.198 million; and a future year cash flow commitment of \$466.680 million in 2015; \$301.777 million in 2016, \$208.576 million in 2017, \$103.774 million in 2018, \$100.886 million in 2019, \$100.595 million in 2020; \$76.240 million in 2021, and \$70.880 million in 2022; and
 - b) 2013 approved cash flow for 151 previously approved sub-projects with carry forward funding from 2013 into 2014 totaling \$138.057 million.
- Council approve the 2015-2023 Recommended Capital Plan for Toronto Water totaling \$5.915 billion in project estimates, comprised of \$110.798 million in 2015; \$241.121 million in 2016; \$406.364 million in 2017; \$694.490 million in 2018; \$817.183 million in 2019; \$869.353 million in 2020; \$941.077 million in 2021; \$908.333 million in 2022; and \$926.611 million in 2023; and
- 3. Council consider operating costs of \$4.432 million net in 2014, (\$0.370) million net in 2015; \$0.175 million net in 2016; \$5.709 million net in 2017; \$5.875 million net in 2018; \$0.365 million net in 2019; and \$2.504 million net in 2020; and \$0.050 million emanating from the approval of the 2014 Recommended Capital Budget for inclusion in the 2014 and future year operating budgets.
- 4. City Council approve 6 temporary capital positions for the delivery of new 2014 capital projects and that the duration for each temporary position not exceed the life and funding of its respective project / sub-project.
- 5. City Council request the Deputy City Manager and Chief Financial Officer in consultation with the General Manager, Toronto Water to advance the 2015 cashflow for the Basement Flooding project into 2014, should it become evident that greater than planned volume of work can be completed, and that the 2015 2023 budgeted cash flows be adjusted accordingly as part of the 2015 Budget process.

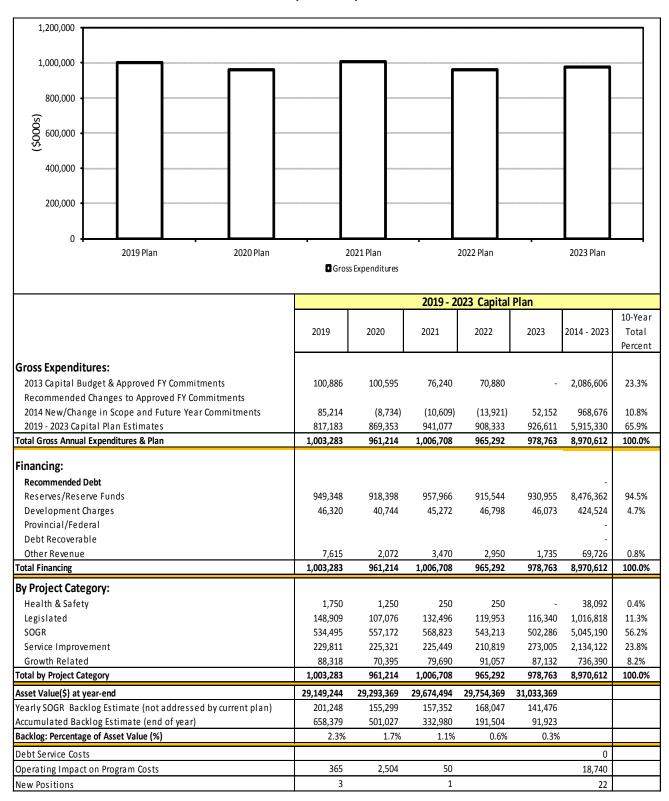
6. This report be considered concurrently with the 2014 Water and Wastewater Rate Report from the Deputy City Manager and Chief Financial Officer and General Manager for Toronto Water.

III: 10-YEAR CAPITAL PLAN

10 - Year Capital Plan 2014 Recommended Budget, 2015 – 2018 Recommended Plan



10 - Year Capital Plan 2019 - 2023 Recommended Plan (In \$000s)



Key Changes to the 2013 - 2022 Approved Capital Plan

Changes to the 2013 -2022 Approved Capital Plan (In \$000s)

The 2014 Recommended Capital Budget and the 2015 - 2023 Recommended Capital Plan reflects an increase of \$305.0 million in capital funding from the 2013 to 2022 Approved Capital Plan.

Changes to the 2013 – 2022 Approved Capital Plan arise from the reprioritization of Toronto Water's capital projects, based on the following factors:

- Updated condition assessments.
- Updated schedules for implementation of the projects requiring large capital funding, such as Ashbridges Bay WWTP disinfection and outfall construction projects, Highland Creek Biosolids project and Basement Flooding Relief projects, which are scheduled for implementation between 2016-2019.
- Need to realign Toronto Water 2014 Capital Budget with historical spending rates.

Significant Increases in Toronto Water Capital Projects:

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

- The Ashbridges Bay Wastewater Treatment Plant project cost has been increased by \$381.560 million from \$1.190 billion, representing a 32% increase in total project cost primarily to incorporate construction of a new outfall pipe for disposing effluent in the lake Ontario. This improvement will ensure that all discharges and emissions meet or exceed all applicable environmental standards, eliminate the need for existing seawall gates in the lake, and maximize protection of fish, aquatic habitats, waterfowl, vegetation and wildlife.
- Increased funding for Watermain Renewal (Rehabilitation and Replacement) of \$60.128 million or 5% from \$1.269 million has been included to align requirements with Toronto Water's service replacement policy and to increase the extent of renewal being undertaken through trenchless technologies such as structural lining.

- Business & Technical Improvement project costs have increased by \$26.927million or 53% from \$50.568 million to reflect Phase 2 of the Divisional Work Management System implementation. Additional funding has also been included to continue the replacement of network cabling.
- Trunk Sewer and Sewage Pumping project costs have increased by \$100.128 million or 20% from \$511.636 million, based on updated condition assessment for trunk sewer rehabilitation and replacement.
- Additional funding of \$27.046 million or 7% from \$388.918 million has been allocated to the Highland Creek Wastewater Treatment Plant projects to incorporate required treatment upgrades including aeration system upgrades.
- In order to assist the TRCA to mitigate some of the most critical erosion projects resulting from the July 8th, 2013 storm, Toronto Water's funding contribution has been increased by \$26.0 million, from \$4.0 million over the 10-Year period.

Major Reductions in Toronto Water Capital Projects:

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

- Transmission Watermain project costs have decreased by \$129.307 million or 37% from \$350.951 million as a result of deferring the construction of the Ellesmere watermain, the Mount Pleasant Watermain and the East Mall Cast Iron Watermain outside of the 10 year Capital Plan period.
- The allocation for *the Wet Weather Flow projects* has been decreased by a total of \$86.384 million or 13% from \$656.680 million to \$570.296 million, as a result of the deferral of the Don and Waterfront Trunk CSO project by one year.
- Linear Engineering and Support project funding has been decreased by a total of \$101.569 million or 17% from \$589.882 million, reflecting a restructuring of capital accounts to align permanent road cut restoration services with the various asset renewal programs and to undertake the permanent restoration immediately after completion of underground work.
- The funding allocation for *Humber Wastewater Treatment Plant* projects has decreased by \$38.467 million or 9% from \$427.217 million to \$388.750 million reflecting revised schedule for the implementation of secondary treatment upgrades at the plant.
- Although total funding for Basement Flooding projects have remained in line with the 2013-2022 Approved Capital Plan, cash flow funding has been adjusted with a decrease of \$45.370 million in 2014 and \$3.743 in 2015 million, as environmental assessments have taken longer than originally planned due to the extended time for infrastructure assessments and in order to ensure that all public concerns are heard.
 - ➤ Toronto Water is unable to proceed with some basement flooding relief projects as the preliminary designs indicated that the cost to each benefiting property will exceed the current threshold of \$32,000 as set by City Council. For those projects that have met the criteria and have proceeded, contracted pricing has been lower than expected. As a

- result, \$15.886 million in unspent 2013 funding will be carried forward in 2014. Any unspent funds have been re-directed to advance the design phase of the remaining planned basement flooding relief projects.
- ➤ It is recommended that Council authority be requested for Toronto Water to advance the 2015 cashflow for the Basement Flooding project into 2014, should it become evident that greater than planned volume of work can be completed.
- Over the 2014-2022 planning period, there are cash flow realignments for a variety of other projects, which reflect more updated schedules for implementation and incorporate additional projects deemed necessary such as digesters rehabilitation projects at Ashbridges Bay and Highland Creek Wastewater Treatment Plants.

New Projects:

■ There are no new projects. All projects included in the 2014-2023 Recommended Capital Budget and Plan fall under the previously approved Toronto Water's program areas.

Key project cash flow changes to the 2014 – 2023 Approved Capital Plan are detailed below.

Summary of Project Changes (In \$000s)

	Total Project Cost	2014	2015	2016	2017	2018	2019	2020	2021	2022	2014 - 2018	2014 - 2022	Revised Total Project Cost
Previously Approved													
Water Treatment & Supply													
Clark Water Treatment Plant	129,502	(1,848)	1,300	(33)	(130)	57	150	150	150	150	(654)	(54)	129,448
Harris Water Treatment Plant	72,678	462	5,300	650	2,250	-	3,500	500	500	500	8,662	13,662	86,340
Horgan Water Treatment													
Plant	24,650	(6,700)	2,619	2,275	3,210	585	(300)	(300)	(300)	(300)	1,989	789	25,439
Island Water Treatment Plant	54,985	(1,934)	(3,060)	266	(4,440)	(1,430)	4,275	(3,925)	(3,175)	375	(10,598)	(13,048)	41,937
Watermain Rehabilitation	452,911	(1,463)	5,800	5,800	18,500	-	-	-	-	-	28,637	28,637	481,548
Watermain Replacement	816,184	(13,617)	14,383	1,220	(7,370)	6,875	7,000	7,000	8,000	8,000	1,491	31,491	847,675
Water Service Repair	167,985	131	950	(20)	(298)	-	-	-	-	-	763	763	168,748
Transmission Watermains	350,951	(8,065)	(8,896)	5,710	8,844	6,950	(8,390)	(48,510)	(45,950)	(31,000)	4,543	(129,307)	221,644
Storage and Treatment	86,184	(9,918)	(1,644)	550	(2,425)	(2,225)	6,075	4,925	1,525	(4,975)	(15,662)	(8,112)	78,072
Automated Meter Reading													
System (AMR)	132,606	(2,507)	1,125	6,525	5,000	-	-	-	-	-	10,143	10,143	142,749
Water Efficiency Plan	4,680	(116)	-	-	-	-	-	-	-	-	(116)	(116)	4,564
Business & Technical													
Improvements	50,568	(1,228)	4,863	5,332	5,143	2,727	2,160	3,850	5,440	(1,360)	16,837	26,927	77,495
Wastewater Collection &													
Treatment & Stormwater													
Management													
Ashbridges Bay Wastewater													
Treatment Plant (ABTP)	1,190,437	(79,837)	(16,828)	13,094	23,044	83,228	72,705	85,076	112,341	88,737	22,701	381,560	1,571,997
Highland Creek Wastewater													
Treatment Plant (HCTP)	388,918	(42,334)	(5,417)	(3,973)	17,300	39,011	21,950	2,447	(730)	(1,208)	4,587	27,046	415,964
Humber Wastewater		, , ,	, , ,	, , , ,					, ,	, , ,			
Treatment Plant	427,217	(29,696)	(1,660)	(5,765)	2,216	4,623	2,345	4,290	14,550	(29,370)	(30,282)	(38,467)	388,750
Sewer System Rehabilitation	53,000	(2,540)	(2,039)	38,700	37,700		-	-	-	-	71,821	71,821	124,821
Sewer Replacement Program	405,620	(2,151)	9,435	4,608	1,096	603	-	-			13,591	13,591	419,211
Trunk Sewer & Sewage		,									· ·		
Pumping Stations	511,636	(25,171)	7,519	(13,697)	(8,576)	25,664	29,008	29,861	28,800	26,720	(14,261)	100,128	611,764
New Sewer Construction	98,000	(1,000)	(3,000)	(4,000)	(2,000)	(2,000)	-	-	-	-	(12,000)	(12,000)	86,000
Basment Flooding Relief	841,048	(45,370)	(3,743)	19,668	16,078	8,714	9,006	(1,234)	(5,481)	(736)	(4,653)	(3,098)	837,950
Wet Weather Flow	656,680	(7,519)	7,331	(15,396)	(3,670)	869	(13,677)	(28,275)	(38,924)	12,877	(18,385)	(86,384)	570,296
Yards & Facility Improvements	23,300	321	1,203	-	-		(300)	(200)	(6,900)	(3,800)	1,524	(9,676)	13,624
Linear Infrastructure							(230)	(230)	(2,230)	(2,230)	_,	(=,=,0)	,
Engineering	589,882	(13,037)	(4,510)	2,728	(9,072)	(12,532)	(10,858)	(12,345)	(20,138)	(21,805)	(36,423)	(101,569)	488,313
Total Duniquely Americal	7.687.122	(295,137)	11.031	64,242	102.400	161.719	124.649	43,310	49,708	42,805	44,255	304,727	7.991.849
Total Previously Approved	/,08/,122	(295,137)	11,031	04,242	102,400	101,/19	124,049	43,310	49,708	42,805	44,255	304,/2/	7,991,849
New													-
Total New	7.607.455	(205.425)	44.001		402.462	464746	424.665	42.242	40.760	42.00-	44.355		7 004 010
Total Changes	7,687,122	(295,137)	11,031	64,242	102,400	161,719	124,649	43,310	49,708	42,805	44,255	304,727	7,991,849

2014 – 2023 Recommended Capital Plan

2014 – 2023 Capital Plan by Project Category (In \$000s)

- The 10-Year Recommended Capital Plan for Toronto Water of \$8.971 billion provides funding for Health and Safety projects of \$38.092 million; Legislated projects of \$1.016 billion; State of Good Repair (SOGR) projects of \$5.045 billion; Service Improvement projects of \$2.134 billion, and Growth Related projects of \$736.390 million.
- Health and Safety projects represent approximately 0.4% or \$38.092 million (\$34.592 million over the first five years) of total funding in the 10-Year Recommended Capital Plan.
 - Capital funding for these projects is allocated primarily within the first 5 years of the 10-Year Capital Plan period in order to improve the safety of chemical storage and upgrade electrical systems at Ashbridges Bay, Humber and North Toronto wastewater treatment plants.
 - ➤ Funding for Health and Safety projects is minimal in the second 5 years of the 10-Year Capital Plan reflecting the anticipated completion of 3 of the 4 Toronto Water Health and Safety projects by 2019.
- Legislated projects account for \$1.017 billion or 11.3% of total funding (\$392.044 million over the first five years).
 - ➤ Legislated projects are required to comply with existing and emerging provincial legislation, including Bill 195 -Safe Drinking Water Act, Bill 81- Nutrient Management Act and Bill 72 Water Opportunities and Water Conservation Act. These projects are also required to comply with the Federal government's Environmental Protection Act.
- The most recent regulations were enacted in July 2012 under the Fisheries Act and are the first federal regulations that specifically address municipal wastewater treatment plant effluents. The new federal Regulations impose regulatory requirements beyond those

already imposed by the Ontario Ministry of the Environment (MOE) resulting in additional financial impacts to the City.

- The Ashbridges Bay Effluent System projects directly address the new federal Fisheries Act Wastewater System Effluent Regulations, representing approximately 57.5% or \$584.310 million of the total legislated project funding included in the 10-Year Recommended Capital Plan.
- Other examples of legislated projects are Sewage Pumping Station upgrades and District Water Service Repair projects.
- 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 (SOGR) projects continue to drive Toronto Water's capital program.
 - ▶ \$2.339 billion in funding is for infrastructure renewal projects from 2014 to 2018, representing 57.7% of the 10-Year Capital Plan funding allocated to SOGR projects. Total SOGR funding will amount to \$5.045 billion by 2023, or 56.2% of total funding for Toronto Water's 10-Year Capital Plan.
 - ➤ SOGR funding increases in 2015 to \$468.473 million from \$251.730 million in 2014, and averages approximately \$540 million per year from 2016 to 2018.
 - ➤ SOGR funding continues at stable levels over the next five year period. SOGR funding trends ensure the continued reduction of Toronto Water's infrastructure renewal backlog from \$1.641 billion in 2013 to \$91.923 million by 2023.
- Service Improvement projects represent approximately 23.8% or \$2.134 billion (\$969.717 million over the first five years) of total funding in the 10-Year Capital Plan.
 - ➤ Capital funding for these projects increases consistently over the 10 year period, from \$154.566 million in 2014 to \$273.005 million in 2023, with an annual average funding of \$213 million.
 - Funding for Service Improvement is primarily required for Basement Flooding, Wet Weather Flow Master Plan and Storm Water Management projects with increases in funding levels aligning to the objective of reducing the impact of extreme weather events.
- Growth projects represent approximately 8.2% or \$736.390 million (\$319.798 million over the first five years) of total funding in the 10-Year Capital Plan.
 - Funding for anticipated growth projects such as new and enhanced watermains and service connections is consistent over the 10-Year Capital Plan period, averaging \$41.025 million per year. However, funding for planned significant stand alone projects will vary from year to year based on growth requirements. Examples of stand alone Growth Related projects included in the 10-Year Capital Plan are Lawrence Allan Revitalization Plan (\$33.561 million) and Regent Park (\$3.212 million) projects.

- ➤ During the first 5 years of the 2014 2023 Capital Plan period, annual funding for growth projects range from \$30.792 million in 2014 to \$92.730 million in 2017.
- Further increases in funding for growth projects continue over the 2019-2023 period, due to the planned upgrades of transmission of watermains.

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

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

- The 2014 Recommended Capital Budget and 2015-2023 Recommended Capital Plan is funded primarily from the Program's reserves, representing approximately 94.5% or \$8.970 billion of total capital financing.
- Capital funding from Toronto Water reserves increases from \$429.977 million in 2014 to \$957.966 million in 2021. This increase in reserve funding coincides with the planned 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 Relief projects.
- It should be noted that year 2014 represent the last year for previously approved annual water rate increases of 9% which were intended to address infrastructure renewal spending which has more than doubled over the last 5 years. After 2014, water rate increases and associated funding are planned at a lower rate (3%) than in the previous years (9% increases since 2006.
- Development Charges (DC) provide approximately 4.7% or \$424.524 million of financing included the 10-Year Recommended Capital Plan. The DC funding estimates are based on revenue projections and development charge rates approved by Council at its meeting of October 8, 9 10 and 11, 2013.
- The use of Development Charge funding by increasing available funding has been maximized with funding increased by approximately \$203.8 million over the 10 year period (from \$174.6 million in the 2013-2022 Capital Plan). This will assist Toronto Water in

maintaining a relatively healthy reserve balance, without further reducing its capital program.

• Other revenues, such as capital cost sharing with York Region represent 0.8% or \$69.726 million of total capital financing.

Major Capital Initiatives by Category

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

	2014 Budget	2015 Plan	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2014 - 2023 Total
State of Good Repair (Including H&S and	Duuget	riali	rian	Figit	Fidii	riaii	riali	Fian	Figil	Fiaii	Total
Legislated Projects)											
Watermain Rehabilitation	30,981	40,371	45,502	63,337	49,976	55,119	60,267	65,419	70,576	74,037	555,585
Watermain Replacement	22,699	60,343	58,220	60,630	84,875	91,000	100,000	104,000	106,000	106,000	793,767
Water Service Repair	17,753	19,625	17,166	17,404	18,233	18,780	19,343	19,923	20,521	20,319	189,067
Sewer System Rehabilitation Sewer Replacement Program	19,460 24,699	28,961 36,435	38,700 36,608	37,700 38,096	42,603	47,000	52,000	57,000	57,000	52,000	124,821 443,441
Linear Infrastructure Engineering	42,597	58,518	65,107	55,418	55,099	56,209	56,006	49,896	49,463	49,639	537,952
Transmission Watermains	22,661	23,152	23,775	31,071	29,100	32,720	15,260	24,150	19,755	13,550	235,194
Clark Water Treatment Plant	9,207	12,450	12,932	12,754	12,906	12,749	16,150	20,150	20,150	150	129,598
Harris Water Treatment Plant	5,610	10,110	7,170	5,750	11,650	11,500	8,650	8,500	8,650	8,500	86,090
Horgan Water Treatment Plant Island Water Treatment Plant	1,348	3,454	7,085	4,435	1,085	200	200	200 375	200 525	200	18,407 40,239
Trunk Sewer System	1,596 6,612	4,817 18,966	5,836 28,109	3,915 28,154	6,775 24,388	12,625 25,038	3,775 25,011	25,000	25,000	25,000	231,278
Ashbridges Bay Wastewater	0,012	10,500	20,203	20,13	2 1,500	23,030	25,011	25,000	23,000	23,000	202,270
Treatment Plant (ABTP)	9,576	37,726	72,070	115,864	141,329	132,269	89,876	117,053	96,030	101,710	
Liquid Treatment and Handling	18,009	45,577	57,820	76,550	102,000	73,500	96,000	96,868	90,865	87,000	744,189
Solids & Gas Handling	1,640	4,250	20,000	28,510	30,310	17,040	17,030	15,100			133,880
Efluent System	502	4,649	13,800	44,410	82,610	94,889	64,167	94,583	89,000	95,700	584,310
Rehabiliation	4,226	12,305	22,028	34,322	25,909	17,840	6,179	4,870	4,530	3,510	135,719
O&M Upgrades Odour Control	2,457 751	8,069 8,453	7,500 8,742	2,500 6,122	2,500	2,500	2,500	2,500	2,500	2,500	35,526 24,068
Highland Creek Wastewater	,31	0,433	0,742	0,122							24,000
Treatment Plant (HCTP)	8,744	23,976	32,792	28,351	11,920	4,830					110,613
Humber WWTP Liquid Treatment and											
Handling	14,969	29,207	35,345	55,675	50,362	45,680	41,850	40,370	31,330	17,000	361,788
Sub-Total	238,512	408,111	486,417	558,554	540,301	545,719	488,388	532,036	505,200	468,105	5,515,532
Service Improvements											
Basment Flooding Relief	39,698	81,610	105,292	102,374	100,976	106,500	101,500	97,500	102,500	102,500	940,450
Don & Waterfront Trunk CSO	1,192	6,589	12,347	30,347	40,347	41,000	35,800	31,000	35,000	92,000	325,622
Highland Creek WWTP - Solids & Gas							,		,		,
Handling Ashbridges Bay WWTP - Liquid	2,044	9,580	7,823	10,110	32,120	36,120	33,647	30,270	15,042	1,197	177,953
Treatment and Handling					2,000	10,000	10,000	10,000	10,000	10,000	52,000
Storm Water Mangement End of Pipe					,	.,	.,	,,,,,,,	.,	.,	,,,,,,,
Faciliteis	700	6,800	6,650	6,550	9,590	14,410	20,130	31,680	15,500	30,000	142,010
Implementation of the Wet Weather											
Flow Master Plan	4,934	4,178	4,650	5,150	6,275	6,700	6,700	6,700	9,500	9,500	64,287
Automated Meter Reading System (AMR)	47,418	45,656	44,675	5,000	-						142,749
Waterfront Sanitary and Storm Water Infrastructure	27,770										
SWM TRCA Funding	3,970	4,069	4,171	4,275	4,382	4,491	4,604	4,719	4,837	4,958	44,476
TRCA Critical Erosion	7,000	7,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	30,000
Sub-Total	134,726	165,482	187,608	165,806	197,690	221,221	214,381	213,869	194,379	252,155	1,919,547
Growth Related											
New Service Connections	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	175,000
New Sewer Construction	0	4,000	8,000	10,000	10,000	12,000	14,000	14,000	14,000	14,000	100,000
Keele Trunk Sewer Design & Construction	500	500	500	1,000	5,000	8,000	10,000	10,000	25,000	25,000	85,500
Horgan Water Treatment Plant Trunk											
Main Expansion Distirct Watermain Upgrades	102	800	6,850 13,000	18,850 12,000	18,500 12,000	17,510 14,000	3,010 14,000	16,000	16,000	16,000	65,622 135,253
Lawrence Allan Revitalisation Plan	9,563	12,690 6,471	3,354	18,078	2,127	3,531	14,000	16,000	16,000	16,000	33,561
Regent Park Capital Contribution		859	330	132	745	287	115	420	162	162	3,212
Sub-Total Sub-Total	27,665	42,820	49,534	77,560	65,872	72,828	58,625	57,920	72,662	72,662	598,148
Total Expenditures by Category	400,903	616,413	723,559	801,920	803,863	839,768	761,394	803,825	772,241	792,922	8,033,227
Major IT Projects											
Business System Infrastructure	200	5,740	3,702	1,711	710	1,210	2,850	2,040	1,440	850	20,453
Asset Management Implementation		500	1,000	1,000	1,000	1,000	1,000	1,000	500		7,000
Business IT Projects	271	280	200	200							951
Business Intelligence Initiatives Backflow Inspection Portal		280	200	200							400
Disaster Recovery - DRP	121		200	200							121
EDOCS	150										150
Total Major IT Projects	471	6,520	4,902	2,911	1,710	2,210	3,850	3,040	1,940	850	28,404

Major Capital Initiatives

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.

While state of good repair projects remain a priority given the significant backlog in infrastructure renewal, (estimated at \$1.641 billion at the end of 2013) considerable funding is still provided to support the implementation of the Wet Weather Flow Master Plan, Basement Flooding and growth related projects, some of which are recovered from Development Charges. Additional financial pressures arising from cost increases associated with the Highland Creek Biosolids Disposal Truck Loading Facility and the Ashbridges Bay Wastewater Treatment Plant Effluent UV Disinfection System, approved by Council in 2011, are also accommodated within the Plan by way of reducing SOGR project funding.

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

- A primary focus of the 2014-2023 Recommended Capital Plan is to undertake on-going state of good repair projects for linear infrastructure renewal ensuring the replacement or rehabilitation of aging watermains and sewers and investment in the City's aging wastewater treatment facilities. Approximately \$5.045 billion or 56.2% of the total funding of \$8.971 billion will be allocated to address the SOGR, health and safety and legislated projects over the next 10 years.
- 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 by year end 2013 and projected to be reduced to \$91.923 million by year-end 2023, if current funding allocated to State of Good Repair projects is not reduced over the next 10 years.
- The 2014 Recommended Capital Budget and 2015-2023 Recommended Capital Plan includes funding of \$548.310 million to meet legislated requirements governing the Ashbridges Bay Wastewater Treatment Effluent System. Another \$172.740 million is allocated to the legislated odour control projects at Highland Creek and Humber Wastewater treatment plants.

Service Improvements

- The updated Basement Flooding Relief Work Plan adopted in 2011, provided a multipronged (lot level, storm drainage, and sewer infrastructure improvements) adaptive management approach to reduce the risk of basement flooding experienced from more frequent extreme storms, capping cost to benefitting property at \$32,000.
- Using this approach in all of the identified 34 chronic basement flooding areas, the 2014 Recommended Capital Budget and 2015-2023 Recommended Capital Plan will provide \$962.008 million or 45.1% of total service improvement funding to implement the Basement Flooding Relief Work Plan.

- The 2014 Recommended Capital Budget and 2015-2023 Recommended Capital Plan provides additional funding of \$1.164 billion for other service improvement projects such as:
 - The Water Meter Program which includes a systematic metering of the flat rate customers, the City-wide water meter replacement program coupled with the concurrent installation of automated meter reading technology was approved by Council in 2008 (\$132.606 million). The project, anticipated to be completed by 2016, is ahead of its original schedule. As of August 31, 2013, 250,800, new water meters have been installed representing 53% of the installations of the total 470,000 water accounts. At project completion, approximately \$35.0 million per year (\$2.1 million higher than the original project forecast) will be generated through a combination of additional revenues and operating efficiencies. It is anticipated that this project will pay for itself in a less than 7 years.
 - ➤ Stormwater Management End of Pipe Facilities projects to address most of the storm sewer discharges to the waterfront and all but 9 of the 69 combined sewer overflow discharges in the City (\$142.010 million). Included in the above amount is a \$44.475 million funding contribution for the Toronto and Region Conservation Authority (TRCA) stream restoration and erosion control projects.
 - In order to assist the TRCA to mitigate some of the most critical erosion projects resulting from the July 8th, 2013 storm, Toronto Water's 10-Year Capital Plan includes an additional funding contribution of \$26.0 million in its 10-Year Capital Plan above the \$4 million already included in the 10-Year Capital Plan.
 - The implementation of the Wet Weather Flow Master Plan to reduce and ultimately eliminate, the adverse impacts of wet weather flow on the built and natural environments in order to achieve measurable improvements in the ecosystem health of the City's watersheds and waterfront, with an emphasis on improving water quality along the City's waterfront beaches (\$64.287 million).

Growth Related

- Funding of \$151.152 million is included in the 10-Year Recommended Capital Plan for the Trunk Watermain Expansion and Upgrade projects to increase the hydraulic capacity in the Toronto Water supply system, including the F.J. Horgan Filtration Plant. Many of these projects are cost shared with the Region of York.
- The 2014-2023 Recommended Capital Plan allocates \$410.253 million in funding for the New Sewer Construction, New Service Connection and Watermain Upgrade projects to provide the necessary servicing capacity for the projected population growth and for the installation of service connections for new homes and developments.

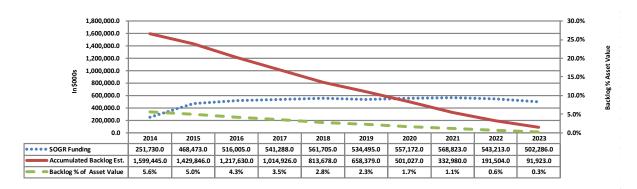
Major IT Projects

The 10-Year Recommended Capital Plan includes funding for information technology projects of \$28.404 million. These projects include:

- Toronto Water Business System Infrastructure projects (\$20.453 million).
- Asset Management Implementation project (\$7.0 million).
- Business Intelligence Initiatives including backflow portal and disaster recovery related projects (\$0.951 million).

State of Good Repair (SOGR) Backlog

SOGR Funding & Backlog (In \$000s)



The 10-Year Recommended Capital Plan dedicates \$2.339 billion to SOGR spending in the first five years of the Plan (excluding funding carried forward from 2013) and \$2.706 billion over the last five years, which on average is \$505 million annually.

- The replacement value of Toronto Water's assets is 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, while facility/plant assets account for the remaining 26% or \$7.271 billion.
- At the end 2013, Toronto Water will have a backlog of state of good repair work for linear and plant infrastructure renewal estimated at \$1.641 billion, representing 5.8% of its asset replacement value. Approximately 61% or \$1.008 million of the backlog relates to linear infrastructure, with the remaining 39% or \$0.633 million representing facilities.
- In 2013 new state of good repair asset issues have emerged that now require trunk sewer renewal program (\$140.0 million) and wastewater treatment plants digester refurbishment (\$18.800 million).
- 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 \$111.0 million.
- The above linear infrastructure and facilities State of Good Repair backlog and annual renewal need estimates continue to be periodically updated to reflect changes in unit rates for replacement and changing condition of the asset.
- The 10-Year Recommended Capital Plan dedicates \$5.045 billion (\$2.706 billion during the first five years) or \$505 million on average annually, to undertake state of good repair.
- Significant investments in water and wastewater infrastructure renewal projects will reduce the backlog of SOGR work to \$813.678 million by year-end 2018, representing 2.8% of the asset replacement value. By year-end 2023, Toronto Water will have nearly addressed the Program's SOGR backlog, estimated at \$91.923 million or 0.3% of the asset replacement value, if SOGR capital funding is not reduced over the next ten years.
- State of good repair work is planned across all Toronto Water assets and is prioritized based on the criticality of the asset, the extent of redundancy built into the system in case of failure, the impact of a failure and the coordination of projects to avoid conflicts and reduce construction impact to the public. Method of construction is also factored in to reduce the backlog and trenchless technologies are used where feasible to reduce construction impact and overall cost of the project. All asset categories are currently being funded for SOGR purposes.
- The state of good repair backlog by asset category is presented in the table below:

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

Toronto Water											•
Total	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
State of Good Repair Funding	303,457	333,799	468,473	516,005	541,287	561,705	534,496	557,173	568,823	543,213	502,286
Accumulated Backlog Est. (yr end)	1,640,966	1,599,445	1,429,846	1,217,630	1,014,926	813,678	658,379	501,027	332,980	191,504	91,923
Backlog % of Asset Value	5.81%	5.64%	5.03%	4.27%	3.55%	2.83%	2.26%	1.71%	1.12%	0.64%	0.30%
Asset Value	28,255,795	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
Facilities/Plants											
State of Good Repair Funding	114,975	114,050	190,050	220,263	238,203	249,506	192,289	193,434	197,233	165,550	195,750
Accumulated Backlog Est. (yr end)	632,908	660,393	611,877	533,149	436,480	328,508	277,753	225,854	170,155	146,139	91,923
Backlog % of Asset Value	8.70%	9.01%	8.34%	7.27%	5.94%	4.43%	3.60%	2.93%	2.12%	1.82%	0.99%
Asset Value	7,270,723	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
Linear Infrastructure											
State of Good Repair Funding	188,482	219,749	278,424	295,742	303,084	312,199	342,207	363,739	371,590	377,663	306,536
Accumulated Backlog Est. (yr end)	1,008,058	939,053	817,968	684,482	578,446	485,170	380,626	275,173	162,825	45,365	
Backlog % of Asset Value	4.80%	4.47%	3.88%	3.23%	2.72%	2.27%	1.78%	1.28%	0.75%	0.21%	0.00%
Asset Value	20,985,073	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

By year-end 2013, the accumulated state of good repair backlog for linear infrastructure will be \$1.008 billion or 4.8% of its replacement value; and facility/plant assets accumulated state of good repair backlog will be valued at \$0.633 billion, or 8.7% of their replacement value.

- 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 is planning a significant investment in the linear renewal program over the next 10 years. Approximately \$324 million annually will be dedicated to linear infrastructure renewal needs for a total of \$3.241 billion (\$1.409 billion over the first five years), completely eliminating the state of good repair backlog for this category of assets by yearend 2023.
- The state of good repair of facilities/plants will be addressed by annual funding of \$189 million. Over the 10 year period, approximately \$1.885 billion (\$1.012 billion during the first 5 year period) in funding will be invested to address a significant portion of the accumulated backlog of projects. By the end of 2023, accumulated state of good repair projects for this category of assets is estimated at \$91.923 million or 0.30% of their replacement value (0.6% of the total asset replacement value).
- To address the greater number of accumulated state of good repair backlog projects for facilities/plant assets, the 10 Year Recommended Capital Plan allocates a larger portion of funding to this category of assets during the first five years (\$202 million annually) compared to the second five year period (\$189 million annually).
- At the same time, funding for linear infrastructure state of good repair projects will have the opposite trend; annual funding of \$282 million will be invested during the first five year period, increasing to \$352 million over the second five year period. This reflects previous levels of SOGR funding prior to having to accommodate emerging priorities with Toronto Water Capital Program.
- The above backlog reduction forecast can be detrimentally impacted if water consumption/revenues decline beyond the current forecasted declines, if replacement cost increase beyond the current rate of inflation or if other projects take priority over sustaining planned state of good repair backlog program.
- Refer to PART IV: ISSUES FOR DISCUSSION in this document for a more detailed discussion on the cause of Toronto Water's current SOGR backlog, the impact that this backlog has on residents, businesses and visitors of the City and infrastructure renewal projects that will address the backlog over the 2014 – 2023 Capital Plan period.

10-Year Capital Plan: Impact on the Operating Budget

Operating Impact Summary (In \$000s)

	2014										2014-
Program Costs, Revenues and Net	Rec.	2015	2016	2017	2018	2019	2020	2021	2022	2023	2023
(\$000s)	Budget	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Plan	Total
2014 Recommended Capital Budget											
Program Gross Expenditure	4,432.0	(370.0)	100.0	5,660.0	5,823.0	250.0					15,895
Program Revenue											
Program Costs (Net)	4,432	(370)	100	5,660	5,823	250					15,895
Approved Positions	5.0	5.0	1	4	2	2					19
Recommended 10-Year Capital Plan											
Program Gross Expenditure			75	49	52	115	2,504	50			2,845
Program Revenue											-
Program Costs (Net)			75	49	52	115	2,504	50			2,845
Approved Positions				1		1		1			3
Total											
Program Gross Expenditure	4,432	(370)	175	5,709	5,875	365	2,504	50			18,740
Program Revenue											-
Program Cost (Net)	4,432	(370)	175	5,709	5,875	365	2,504	50			18,740
Approved Positions	5.0	5.0	1.0	5.0	2.0	3.0	-	1.0			22.0

The 10-Year Recommended Capital Plan will increase future year Operating Budgets by a total of \$18.740 million net over the 2014 – 2023 period, as shown in the table above. Approved permanent positions will increase by 22 over the 10-year time frame. This funding is required to sustain the following:

- As a result of previously approved projects, new buildings and processes are coming on line in 2014. Toronto Water requires additional chemicals, energy and utilities, as well as contracted services in the amount of \$4.432 million in 2014, \$0.230 million in 2015, \$0.100 million in 2016, \$5.660 million in 2017, \$5.823 million in 2018, and \$0.250 million in 2019 for the F.J. Horgan Water Treatment Plant, Ashbridges Bay, Humber and Highland Creek Wastewater Treatment (WTT) plants, Sewer Replacement Program and the Asset Management System sustainment. Savings of \$0.600 million will be generated in 2015 as a result of cogeneration facility upgrades at the Humber WWT plant.
- In addition to the above, there will be operating cost increases in the total amount of \$2.845 million (\$0.075 million in 2016, \$0.049 million in 2017, \$0.052 million in 2018, \$0.115 million in 2019, \$2.504 million in 2020 and \$0.050 million in 2021), emanating from the future Storm Water Management End of Pipe Facilities projects at Etobicoke and Scarborough waterfronts and Wet Weather Flow Master Plan, requiring one new position in each of those years.

Net operating impacts by capital projects are identified in the following table.

Net Operating Impact by Project (In \$000s)

Project	2014 Rec. Budget		2015 Plan		2016Plan		2017 Plan		2018 Plan		2014 - 2018 Capital Budget Plan		2019 - 2023 Capital Plan	
110,000	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions	\$000s	Positions
Previously Approved Projects														
FJ Horgan WTP Expansion	1,249.0										1,249			
Engineering Studies - Corosion Control	1,083.0										1,083			
Ashbridges Bay Process &	1,063.0										1,003			l
Equipment	_		100.0								100			
Ashbridges Bay WWTP "D"	_		100.0								100			-
Building and Biofilter	284.0	3									284	3		
Humber Treatment Plant - Chlorine	204.0										204	3		
Facility Upgrades	100.0										100			
Humber Treatment Plant -	100.0										100			t
Cogeneration Upgrades	93.0	1	(600.0)	4							(507)	5		
Highland Creek WWTP Process and	33.0	1	(000.0)	4							(307)	,		-
Facility Upgrades - Biosolids														
Treatment Upgrades							5,220		5,530		10,750			
Highland Creek WWTP Process and							3,220		3,330		10,730			t
Facility Upgrades - Corosion														
Control	100.0										100			
Highland Creek WWTP Process and	100.0										100			l
Facility Upgrades - Solids & Gas														
Handling	1,690.0	8									1,690	8		
Laboratory Equipment (Warranty	1,030.0										1,030	0		
Expiry)	20.0		30.0								50			
Metering and Meter Reading	20.0		30.0								30			-
Systems	(187.0)	(7)									(187)	(7)		
Basement Flooding Relief	(107.0)	(7)	50.0	1	100	1	100	1	53		303	3		
SWM End of Pipe Facilities - North			30.0	1	100	1	100	1	33		303	3		l
Toronto			50.0								50			
Sewer Replacement Program			30.0				340	3	240	2	580	5		
Business IT Projects - WMS Project							340	3	240		360	3		-
& Implementation													250	2
New Projects - Future Year														
SWM End of Pipe Facilities -														
Etobicoke Waterfront													50	1
SWM End of Pipe Facilities -														
Scarborough Waterfront							49	1	52		101	1		
Wet Weather Flow Master Plan													115	1
Ashbridges Bay WWT-Effluent														
System													2,504	
Ashbridges Bay WWT- Liquid														
Treatment and Handling					75						75			
Total Recemmended (Net)	4,432	5	(370)	5	175	1	5,709	5	5,875	2	15,821	18	2,919	4

Toronto Water has identified 22 new positions arising from approval of the 2014-2023 Capital Plan. Additional positions will be required to support and maintain the following:

- Ashbridges Bay Wastewater Treatment Plan Odour Control D Building Treatment & Biofilter. This project will result in additional state of the art facilities which include significant new mechanical, electrical and instrumentation equipment requiring 3 permanent positions in 2014 to ensure efficiency and reliability of the new assets (\$0.284 million).
- Highland Creek Wastewater Treatment Plant requires 8 new permanent positions in 2014 for its new waste thickening and dewatering facility (0.754 million).
- Humber Creek Wastewater Treatment Plant is in a need of one permanent position in 2014 (\$0.093 million) and additional 4 permanent positions in 2015 (\$0.400 million) to ensure efficiency and reliability of upgraded digesters and cogeneration facility.
- There will be a net reduction of 7 temporary positions in 2014 due to the implementation of automated meter reading system (0.397 million)

- The Basement Flooding Relief Plan will require one new permanent position at cost of \$0.100 million in each of 2015, 2016 and 2017 year. These positions will ensure the ongoing operational and maintenance program to reduce inflow and infiltration into the sanitary system, which includes sealing of manhole covers, manhole rehabilitation, sanitary sewer relining and cross connection elimination.
- One new position will be required in 2017 and 2021 for new facilities emanating from the future Storm Water Management End of Pipe Facilities projects at Scarborough and Etobicoke respectively.
- New sanitary and stormwater infrastructure will require 3 new positions in 2017 (\$0.300 million) and 2 additional new positions in 2018 (\$0.200 million).
- Future Wet Weather Flow Master Plan projects will result in a requirement for one new permanent position in 2019 (\$0.115 million).
- Another 2 positions will be required to sustain the new Work Management System in 2019 (\$0.250 million).

Capital Project Delivery: Temporary Positions

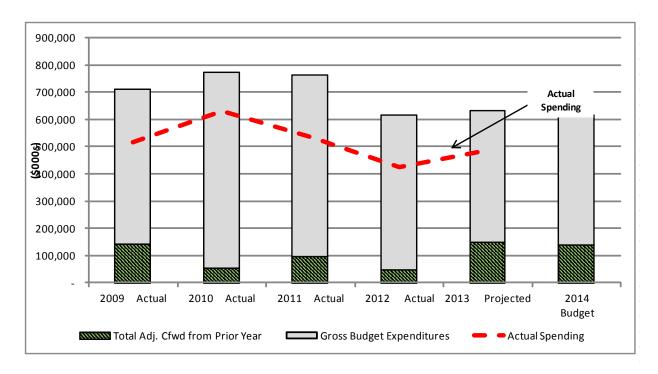
Approval of the 2014 – 2023 Recommended Capital Budget and Plan will result in a requirement for 6 new temporary capital project delivery positions to implement the Work Management System, completion of which is anticipated in 2019, as outlined in the table below:

			Projec	t Delivery	Salary and Benefits \$ Amount(\$000s)						
	CAPTOR Project	# of	Start	End Date						2019 -	
Position Title	Number	Positions	Date	(m/d/yr)	2014	2015	2016	2017	2018	2023	
Manager Work Management											
System		1.0			111.4					111.4	
Support Assistant B	WAT906334-23	1.0			60.2					60.2	
BM Analyst	& WAT 907946-7	1.0			90.8					90.8	
ETT1		1.0			74.6					74.6	
System Integrator 1		2.0			175.2					175.2	
Total		6.0			512.3					512.3	

It is recommended that Council approve these 6 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.

Capacity to Spend

Capacity to Spend – Budget vs. Actual (In \$000s)



Toronto Water's spending capacity over the previous five years, from 2008 to 2012, averaged \$485.244 million or 83% of its capital budget of \$587.376 million. The above average spending

rates of 90.3% and 87.6% were achieved in 2009 and 2010 respectively, reflecting the enhanced capital project activity due to the Federal Infrastructure Stimulus Program, as well as large stand-alone projects such as J.F.Horgan Filtration Plant and Milliken and Dufferin reservoir expansions. Increased capital spending in those two years depleted capital financing reserves, requiring Toronto Water to limit and scrutinize all new capital expenditure, in order not to exceed their average 80% spending rate in 2011.

Toronto Water's 2013 Approved Capital Budget was 38.4% or \$258.875 million spent as of September 30, 2013. Toronto Water is projecting capital expenditures of 72% or \$485.488 million at year-end. The Rate Model completion rate target for 2013 is 85% for projects funded from the Toronto Water capital financing reserves.

The lower than expected year-to-date spending rate was driven by the complexity of the engineering and design of the linear infrastructure which led to delayed tendering and awarding of the associated contracts. In addition to this, tenders for stand alone water main projects were delayed pending the finalization of crossing agreements with Metrolinx. Other contributing factors include the prevailing ground/site conditions as a result of the persistent wet weather or assessment results.

The 2014 Recommended Capital Budget of \$613.270 million, including the unspent funding of \$138.057 million carried forward from 2013, is in line with historic average budgets.

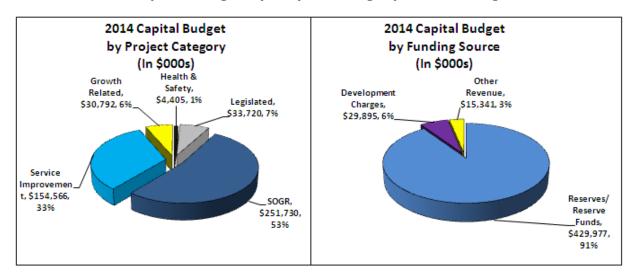
The projected cash flows included in the 2014-2023 Capital Plan reflect the fact that majority of the projects requiring large capital funding, such as Ashbridges Bay WWTP disinfection and outfall construction projects, Highland Creek Biosolids project and Basement Flooding Relief projects, are scheduled for implementation between 2016-2019.

Based on a review of spending experience, adjustments to cashflow funding for a number of projects have been made in 2014:

- Watermain Replacement and Rehabilitation \$15.080 million deferred to future years.
- Asbridges Bay Wastewater Treatment Plant \$79.837 million deferred to future years.
- Highland Creek Wastewater Treatment Plant \$42.334 million deferred to future years.

IV: 2014 RECOMMENDED CAPITAL BUDGET

2014 Capital Budget by Project Category and Funding Source



Note: Excludes carry forward funding

The 2014 Recommended Capital Budget, excluding funding carried forward from 2013 to 2014, requires new 2014 cash flow funding of \$475.213 million.

- Health and Safety projects represent \$7.603 million or 1% of the 2014 Recommended Capital Budget and include building and electrical upgrades at wastewater treatment plants.
- Funding of \$33.720 million or 7% of the 2014 Recommended Capital Budget is allocated to Legislated projects. The most significant project in 2014 is the District Water Service Repair project which includes Lead Water Service Replacement, accounting for approximately 46% of the funding for this category of projects in 2014.
- State of Good Repair projects account for \$251.730 million or 53% of the 2014 Recommended Capital Budget providing funding to address emerging SOGR requirements as well as \$41.521 million to address 2.5% of the current SOGR backlog of \$1.641 billion. Approximately \$98.210 million or 39% of the total 2014 SOGR funding will be dedicated to the watermain and sewer replacement and rehabilitation projects.
- Service Improvement projects represent 33% or \$154.566 million of the total new cash flow funding for 2014. Examples of service improvement projects include biosolids treatment and disposal, wastewater treatment plant odour control, Water Metering Program, Basement Flooding Relief Work Plan, elements of the Wet Weather Flow Master Plan and, wastewater treatment plant optimization.
- Growth projects account for 6% or \$30.792 million of recommended funding for 2014 and include initiatives for improving water efficiency, reducing water loss and expansion projects required for future water supply and wastewater treatment demand.

- Toronto Water's 2014 Recommended Capital Budget continues to be self-sustaining and does not require debenture financing. It does not impact the municipal property tax levy.
 - ➤ The 2014 Recommended Capital Budget is funded primarily from the Program's reserves, which accounts for approximately 91% or \$429.977 million of total financing.
 - ➤ Development charges provide funding of \$29.895 million or 6% of the 2014 Recommended Capital Budget.
 - ➤ Capital cost sharing with York Region for construction of new water and sewer connections, represent 3% or \$15.341 million of 2014 funding.

2014 Recommended Cash Flow & Future Year Commitments (In \$000s)

		2014 Total Cash Flow	2013 Carry Forwards	Total 2014 Cash Flow (Incl 2012 C/Fwd)	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total Cost
Expenditures														
Previously Approved	657,198	657,198	138,057	795,255	466,680	301,777	208,576	103,774	100,886	100,595	76,240	70,880		2,224,663
Change in Scope	(285,397)	(285,397)		(285,397)	107,277	242,089	244,002	175,680	78,304	(13,284)	(10,909)	(14,201)	52,152	575,713
New		-		-									-	-
New w/Future Year	103,412	103,412		103,412	109,593	82,795	70,213	14,910	6,910	4,550	300	280		392,963
Total Expenditure	475,213	475,213	138,057	613,270	683,550	626,661	522,791	294,364	186,100	91,861	65,631	56,959	52,152	3,193,339
Financing														
Debt/CFC														
Reserves/Res Funds	429,977	429,977	135,049	565,026	642,410	595,316	489,920	272,003	171,026	88,918	65,135	56,784	51,977	2,998,515
Development Charges	29,895	29,895	2,386	32,281	28,984	22,926	26,656	16,356	9,390	1,966	496	175	175	139,405
Other	15,341	15,341	622	15,963	12,156	8,419	6,215	6,005	5,684	977	-	-	-	55,419
Total Financing	475,213	475,213	138,057	613,270	683,550	626,661	522,791	294,364	186,100	91,861	65,631	56,959	52,152	3,193,339

Toronto Water's 2014 Recommended Capital Budget is \$613.270 million, including funding carried forward from 2013 into 2014 of \$138.057 million. It includes 2014 commitment funding for previously approved projects of \$657.198 million, and (\$181.985 million) for new/change in scope projects.

- Over and above \$1.429 billion already committed for previously approved projects from 2015 to 2022, approval of the 2014 Recommended Capital Budget will result in future year funding commitments for new/change in scope projects of \$216.870 million in 2015; \$324.884 million in 2016; \$314.215 million in 2017; \$190.590 million in 2018, \$85.214 million in 2019, (\$8.734 million) in 2020; (\$10.609) million in 2021, (\$13.921) million in 2022, and \$52.152 million in 2023.
- 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 Metering Program; Horgan Water Treatment Plant Expansion; Transmission Watermains; Wastewater Treatment Plant Upgrade Projects; Basement Flooding Relief Work Plan and Watermain Replacement. The use of multi-year contracts has allowed Toronto Water to increase its capital delivery rate.

2014 Recommended Capital Project Highlights

2014 Recommended Capital Project Highlights (In \$000s)

	Total Project						2014 -						
Project	Cost	2014	2015	2016	2017	2018	2018	2019	2020	2021	2022	2023	2014 - 2023
ASHBRIDGES BAY T.P III YR2004 ASHBRIDGES BAY T.P. YR2006	3,540	1,130	1,530	50	30		2,740		400	400			3,540
ASHBRIDGES BAY WWTP - BUILDING SERVICES	4,686	825	1,635	2,226			4,686						4,686
& SITE DEV	16,155	1,120	3,120	4,105	2,560	2,200	13,105	1,000	50				14,155
ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM	585,021	1,213	2,949	3,500	4,410	1,610	13,682	889	167	83			14,821
ASHBRIDGES BAY WWTP - LIQUID TREATMENT													
& HANDLING	806,533	28,353	45,577	57,820	75,550	80,000	287,300	51,500	56,000	54,868	48,865	45,000	543,533
ASHBRIDGES BAY WWTP - O&M UPGRADES	36,788	3,719	8,069	5,000			16,788						16,788
ASHBRIDGES BAY WWTP - ODOUR CONTROL	25,614	2,297	8,453	8,742	6,122		25,614						25,614
ASHBRIDGES BAY WWTP - SOLIDS & GAS													
HANDLING ASHBRIDGES BAY WWTP REHAB	135,840	3,600	4,250	15,000	13,510	10,310	46,670	2,040	2,030	100 560	220	200	50,840
ASHRIDGES BAY WWTP REHAB ASHRIDGES BAY TP YR2005	168,439 14,469	16,684 4,357	23,452 5,233	24,608 3,172	26,846 1,008	16,695 699	108,285 14,469	10,085	1,869	560	220	200	121,219 14,469
AVENUE ROAD TRUNKMAIN REPLACEMENT	3,835	335	1,500	2,000	1,008	055	3,835						3,835
BASEMENT FLOODING RELIEF	962,008	61,256	81,610	105,292	102,374	52,525	403,057	39,500	9,500	5,500	5,500	5,500	468,557
BUSINESS IT PROJECTS	6,535	1,505	1,455	1,425	1,175	975	6,535	00,000	2,000	0,000	0,000	2,222	6,535
BUSINESS SYSTEM INFRASTRUCTURE - PW	39,983	8,830	10,931	3,526	1,918	792	25,997						25,997
CLARK RESIDUE MGMT. FACILITIES	650	200	450				650						650
CONVEYANCE CONTROLS - REPLC & REHAB	85	65	20				85						85
D2/D4 TRUNK WATERMAIN UPGRADES	55,925	1,300					1,300						1,300
DIST SEWER REHAB OPS YR2005	500	300	188	12			500						500
DIST W/M REHABILITATION	565,283	40,679	40,371	39,500	35,000		155,550						155,550
DIST W/M REPLACEMENT	941,721	44,963	31,583	3,600	1,000	875	82,021 56.274						82,021 56.274
DIST WATER SERVICE REPAIR DISTRICT WATERMAINS - NEW	189,463 4,544	18,149 194	19,625 350	9,250 500	9,250		56,274 1,044						56,274 1,044
DON & WATERFRONT TRUNK CSO	326,262	1,832	6,589	11,347	10,347	10,347	40,462	11,000	5,800				57,262
DOWNTOWN W/M ENHANCEMENT	40,705	19,385	14,298	7,015	7	10,547	40,705	11,000	3,000				40,705
EMERY CREEK POND	5,510	2,410	2,550	550			5,510						5,510
ENGINEERING	403,522	38,898	9,273	13,561	11,824	10,890	84,446	8,320	5,252	2,250	1,400	1,130	102,798
ENGINEERING STUDIES	9,329	6,978	1,751	50			8,779						8,779
EQUIPMENT REPLACEMENT &													
REHABILITATION	10,735	730	2,520	2,330	3,155	2,000	10,735						10,735
FJ HORGAN W.T.P. R&R	18,967	1,908	3,454	6,200	3,550	200	15,312						15,312
HARRIS W.T.P. R&R	95,263	6,033	9,910	5,670	250		21,863						21,863
HIGHLAND CREEK T.P IV YR2004	271	205	63	3		5	271						271
HIGHLAND CREEK TP YR2005 HIGHLAND CREEK WWTP - BUILDING SERV &	885	250	317	313		3	885						885
SITE DEV	11,998	1,498	3,500	4,000	3,000		11,998						11,998
HIGHLAND CREEK WWTP - ODOUR CONTROL	112,455	5,460	15,510	15,480	15,800	15,100	67,350	10,005					77,355
HIGHLAND CREEK WWTP - SOLIDS & GAS													
HANDLING	159,894	2,850	7,300	7,047	3,000	3,000	23,197	2,000	250	250			25,697
HIGHLAND CREEK WWTP UPGRADES	140,716	15,995	25,256	31,415	27,211	14,230	114,107	6,650	397	20	42		121,216
HORGAN TRUNK MAIN EXPANSION	65,622	102	800	6,850	18,850	18,500	45,102	17,510	3,010				65,622
HORGAN W.T.P. EXPANSION	9,945	3,815	6,130				9,945						9,945
HUMBER T.P II YR2004	297	105	180	5	7		297						297
HUMBER TP YR2005 HUMBER WWTP - LIQUID TREATMENT &	3,160	1,518	1,020	421	100	101	3,160						3,160
HANDLING	270,751	4,865	8,328	3,491	3,225	3,112	23,021	3,930	600	120	80		27,751
HUMBER WWTP - O&M UPGRADES	17,388	5,200	8,884	3,304	3,223	3,112	17,388	3,530	000	120	80		17,388
HUMBER WWTP - ODOUR CONTROL	65,000	5,000	15,000	20,000	20,000	5,000	65,000						65,000
HUMBER WWTP UPGRADES	51,795	11,590	10,825	8,585	2,470	2,260	35,730	1,750	1,250	250	250		39,230
ISLAND PLANT WINTERIZATION	558	170	388				558						558
ISLAND W.T.P. R&R	27,400	150	700	550	250	250	1,900	250	250				2,400
ISLAND W.T.P. R&R	16,275	3,397	4,317	2,961			10,675						10,675
Land Acquisition for Source Water Protect	14,000	7,000	7,000				14,000						14,000
LAWRENCE ALLAN REVITALIZATION PLAN	33,561	47.000	6,471	3,354	18,078	2,127	30,030	3,531					33,561
METERING & METER READING SYS NEW SERVICE CONNECTIONS	142,781	47,450	45,656	44,675	5,000		142,781						142,781
NEW SERVICE CONNECTIONS NEW SEWER CONSTRUCTION	175,000 100,202	17,500 202	17,500 1,000				35,000 1,202						35,000 1,202
NORTH TORONTO WTP UPGRADES	3,234	767	915	777	522	253	3,234						3,234
OPERATIONAL SUPPORT	37,956	3,553	4,353	4,500	5,000	4,300	21,706	500					22,206
PW ENGINEERING	18,961	2,068	2,013	1,160	1,360	1,160	7,761	1,000					8,761
REGENT PARK CAPITAL CONTRIBUTION	3,212	-	859	330	132	745	2,066	287	115	420	162	162	3,212
RL CLARK W.T.P. R&R	130,361	10,420	12,000	12,782	12,604	10,032	57,838	25					57,863
SEWAGE PUMPING STATION UPGRADES	61,629	9,255	5,442	2,052	400		17,149						17,149
SEWER ASSET PLANNING	121,195	7,357	13,023	12,615	12,000	12,000	56,995	11,000	4,000				71,995
SEWER REPLACEMENT PROGRAM	482,346	61,063	17,976	3,608	1,096	603	84,346						84,346
SEWER SYSTEM REHABILITATION	466,578	26,141	33,655	44,963	42,962	4,020	151,741	20					151,761
CTREAM DECTORATION S FORCES	400 =0-	0.000	0.000		2		25.00						
STREAM RESTORATION & EROSION CONTROL	102,590	8,040	9,000	5,370	2,500	310	25,220	160	160	310	160	160	26,170
SWITCH GEAR TRANSFORMER SWM TRCA FUNDING	13,660 44,476	1,025 3,970	6,400	6,235			13,660 3,970						13,660 3,970
SWM END OF PIPE FACILITIES	142,510	1,200	6,800	6,650	5,400	5,250	25,300	2,450	150				27,900
SWM SOURCE CONTROL PROG	850	150	150	250	150	150	850	_,,.50	155				850
TRANSMISSION OPERATIONS OPTIMIZER	560	560	155	233	155	130	560						560
TRANSMISSION R&R	83,582	4,864	11,879	4,135	1,064	700	22,642	460	400	300	280		24,082
TRUNK SEWER SYSTEM	318,362	8,696	19,466	23,109	5,154	388	56,813	38	11				56,862
TRUNK WATERMAIN EXPANSION	28,160	610	600	550	400		2,160						2,160
W&WW LABORATORIES	19,570	120	150				270						270
WATER EFFICIENCY PROGRAM	5,200	520	520	520	520		2,080						2,080
WATER STORAGE EXPANSION	60	30	30				60						60
WATER SUSTAINABILITY PROGRAM	11,300	200	2,750	4,350	4,000		11,300						11,300
WESTERN BEACHES RETROFIT	5,900	800	2,550	2,550	656		5,900	200	200	200			5,900
WET WEATHER FLOW MP WM MARKHAM/SHEPPARD TO	67,244	7,891	4,178	1,650	650	650	15,019	200	200	200			15,619
WM MARKHAM/SHEPPARD TO BAYVIEW/FINCH	400	400					400						400
DOMESTIC TO THE PARTY OF THE PA	400												400
Grand Total (Including arryforward funding)	9,067,760	613,270	683,550	626,661	522,791		2,740,636	186,100	91,861	65,631	56,959	52,152	3,193,339

The 2014 Recommended Capital Budget provides funding of \$613.270 million to:

- Continue state of good repair projects to address infrastructure renewal such as District Watermain Replacement and Rehabilitation (\$91.035 million) and Sewer System Replacement and Rehabilitation (\$85.793 million);
- Continue the implementation of the Wet Weather Flow Master Plan (\$33.336 million);
- Continue the Basement Flooding Relief project (\$61.256 million);
- Continue the implementation of the Water Metering Program (\$47.450);
- Continue with contribution to the TRCA for stream restoration and erosion control projects (\$10.970 million)
- Complete Class EA studies for all remaining basement flooding areas by the end of 2014. In 2014 studies for 18 basement flooding areas will be ongoing and are expected to be completed by the end of 2014. Wards include: 7, 8, 9, 10, 11, 13, 15, 16, 23, 24, 25, 26, and 31.
- Begin the Chemical and Residuals Management project at Island Water Treatment Plant (\$0.150 million).

V: ISSUES FOR DISCUSSION

2014 Issues

State of Good Repair (SOGR) Backlog

- The water and wastewater infrastructure renewal backlog is a recognized problem within older municipalities across North America. The construction of water and wastewater infrastructure has generally aligned with urban growth cycles; and much of this older infrastructure is currently at or reaching the end of its expected service life.
- 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 \$28.256 billion with some infrastructure dating back to the 1800s. As the majority of Toronto Water's infrastructure is reaching the end of its expected service life, an average of 1400 watermain breaks per year is experienced in Toronto, which represents the highest break rate in Ontario.
 - ➤ For example, 14% of the City's 5,500 kilometers of watermain was installed before the 1920s, and the thinner-walled watermains installed in North York and parts of Scarborough during high growth periods in the 1950s, representing 16% of the City's watermain network, are also reaching the end of their lifecycle, resulting in a significant renewal backlog.
- The need to reduce pipe breaks and subsequent leaks is essential to minimize the following:
 - Disruption to local residential; traffic; and, business activities.
 - Significant repair and rehabilitation costs for affected roads and underground utilities.
 - Risk to providing inadequate fire protection to high-rise buildings.
 - Increased energy consumption and related CO2 emissions as pumps and motors must work harder to deliver service.
 - Lost revenues from lost water sales.
- The 10-Year Capital Plan provides State of Good Repair funding of \$5.045 billion with annual cash flow funding of: 2014- \$251.730 million; 2015 \$468.473 million; 2016 \$516.005 million; 2017 \$541.288 million; 2018 \$561.705 million; 2019 \$534.495 million; 2020 \$557.172 million; 2021 \$568.823 million; 2022 \$543.213 million; and, 2023 \$502.286 million that will contribute towards reducing the watermain break rate.
- 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 asset class, coupled with recently completed assessments of water and wastewater treatment facilities.
- Toronto Water's State of Good Repair Backlog is currently forecasted to be nearly addressed within 10 years with sustained funding increases. The 10-Year Recommended

Capital Plan includes average annual funding of \$505 million to address the state of good repair backlog, which will be reduced from \$1.641 billion in 2013 to \$91.923 million by 2023. By 2023, residual backlog will only relate t facilities/plants assets, as the backlog of linear infrastructure state of good repair projects will be completely eliminated by that time.

- Linear infrastructure renewal projects over the next 10 years will result in extensive construction across the City within its roadways. To minimize disruption to the public, extensive coordination with all stakeholders will be required although scheduling may be adjusted as an outcome of the coordination process.
- The above backlog reduction forecast however, can be detrimentally impacted if water consumption/revenues decline beyond the current forecasted declines, thereby reducing available funding, if replacement costs increase beyond the current rate of inflation, or if other key projects take priority over the state of good repair backlog program.
- 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. Further, stream restoration needs to address existing erosion scars across the City; and mitigate future stream erosion are also not included in the analysis.

Capacity to Spend

Toronto Water's spending rates over the past five years are presented below.

				Spending
Year	Budget	Actual	Variance	Rate
2008	410,000.00	318,429.00	121,846.00	77.7%
2009	569,911.00	514,843.00	198,168.00	90.3%
2010	720,672.00	630,993.00	155,477.00	87.6%
2011	668,365.00	536,198.00	155,477.00	80.2%
2012	567,931.00	425,759.00	142,172.00	75.0%
2013*	674,775.00	485,488.00	189,287.00	71.9%
TOTAL	3,611,654.00	2,911,710.00	962,427.00	
2008 - 2012 Avg	587,375.80	485,244.40	154,628.00	82.6%
2008 - 2013 Avg	601,942.33	485,285.00	160,404.50	80.6%

Toronto Water's Spending Capacity

- Toronto Water's spending capacity over the previous five years, from 2008 to 2012, averaged \$485.244 million or 83% for an average capital budget of \$587.376 million. The last several years have shown an overall increase in capital spending (\$318.429 million in 2008, compared to \$425.759 million in 2012). As of September 30, 2013, the projected spending rate for 2013 is 72%.
- The highest spending rates of 90% and 88% were achieved in 2009 and 2010 respectively and are reflective of the increased capital activity due to the implementation of the Federal Infrastructure Stimulus, as well as large stand-alone projects such as J.F.Horgan Filtration

^{*} Includes projected actuals based on the Q3 Variance Report

Plant and Dufferin & Miliken reservoir expansions. However, increased capital spending in those two years depleted capital financing reserves, requiring Toronto Water to limit and scrutinize all new capital expenditure, in order not to exceed their average 80% and 85% spending rate in 2011 and 2012.

- For 2014, cashflow funding is recommended at \$613.270 million (with carry forward funding), which is in line with the historical program average annual budgets. Starting in 2015 annual cash flows will be increasing to \$0.989 million in 2017 and \$1.003 billion in 2018 and stay in a range of \$0.900 million until 2023.
- The planned cash flow funding in the 2018-2023 Capital Plan period reflects the fact that the majority of the projects requiring large capital funding, such as the Ashbridges Bay WWTP disinfection and outfall construction projects, Highland Creek Biosolids project and the Basement Flooding Relief projects, are scheduled for implementation between 2016-2019. Although these projected cash flow funding requirements represent significantly higher spending compared to the historic average annual cash flows and spending rates, larger stand alone facility projects also had had higher spending rates than linear infrastructure projects and are considered achievable.

Extreme Weather Events

- The City of Toronto has experienced wide spread surface and basement flooding as a result of extreme storm events. The most impacted areas were those the City developed during the 1950s and 1960s, with separated storm and sanitary sewer systems, and which have also had a history of basement flooding complaints during extreme storm events.
 - ➤ 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 drainage system is exceeded, basement flooding quickly will occur and spread quickly. More than 4,700 basement flooding complaint were received during and immediately following the storm.
- In April 2006, Council approved a Basement Flooding Protection Work Plan requiring a comprehensive engineering review to address chronic basement flooding problems. As directed by Council, storm drainage improvements are being made to provide protection from a 1 in 100 year return frequency storm event, up from the current 1 in 2 to 1 in 5 year return frequency storm, are being implemented where feasible, as part of the City's Climate Change Adaptation Strategy.
- To enhance the City's drainage systems another two other components were added to the Basement Flooding Protection Program: a mandatory downspout disconnection program 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 eliminate the risk of storm sewer back-ups.

- To date 34 Chronic Basement Flooding Study Areas have been identified. A number of Environmental Assessment studies to investigate the causes of both basement and local surface flooding, and identify sewer system improvements to reduce the risk of future basement flooding during extreme events, have already been completed and remedial works have been underway since late 2009. 33 of the 34 of the Basement Flooding Protection Program studies are to be completed by the end of 2014 with the final one to be completed in 2015.
- 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, \$91.0 million has been spent to upgrade over 1,300 kilometres of storm and sanitary sewers, build 2 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 2014 2023 Capital Budget and Plan includes \$940.450 million in funding (excluding funding carried forward from 2013) for Basement Flooding Relief projects which were part of the original Basement Flooding Protection Program. Despite this level of funding, Toronto Water faces the following challenges:
 - ➤ Demand for the basement flooding subsidy continue to increase as a result of extreme weather events. There is another estimated \$160.000 million in unfunded pressures over the 2014-2023 period.
 - Remedial costs are higher than the defined threshold of \$32,000, thus addressing a small number of benefiting properties.
- The cost to implement priority projects across all 34 study areas need to be continuously updated, as Class Environmental Assessment Studies are completed. With the experience of the July 8, 2013 event it is anticipated that there will be competing interests regarding the sequencing of future EA studies and a need to weigh the flooding risks between the areas.
- A detailed report from the General Manager Toronto Water titled "Impact of July 8, 2013 storm on the City's Sewer and Stormwater Systems" was approved by Council at its meeting of October 8, 9, 10 and 11, 2013. The noted staff report can be viewed at http://www.toronto.ca/legdocs/mmis/2013/pw/bgrd/backgroundfile-61363.pdf.
- The report outlines the following key lessons learned from the storm of July 8, 2013 :
 - ➤ If a future rainfall event exceeds the enhanced level of service being pursued by the Basement Flooding Protection Program, basement flooding could still occur even if the drainage systems of the area have been upgraded.
 - Where the City's systems have sufficient capacity to accommodate the size of storm event that occurs, basement flooding can still occur due to poor drainage practices or poorly maintained systems within or adjacent to private residences.

- No two storms are the same and storms can strike parts of the City that have not been impacted heavily in the past. In other words, a past history of flooding complaints is not a complete indicator of future risk for basement flooding.
- The above shows the need to expand the original Basement Flooding Protection Program across the City. Currently, basement flooding study areas cover only 26% of the City, the remaining 74% has not been assessed yet.
- The Capital Plan impact for undertaking the studies on a city-wide basis is estimated to be \$4.0 million per year, beginning in 2015, and continuing for an estimated 12-15 years using existing staff resources to project manage the consulting assignments. Accelerating the expanded Basement Flooding Protection Program, so that it is completed sooner, will require additional annual increases to Toronto Water's Capital and Operating Budgets to hire more engineering consultants and staff within Toronto Water to manage the projects.
- The estimated cost to construct projects identified by the EA studies in an expanded city-wide Basement Flooding Protection Program (that includes construction projects not presently within the existing 34 priority study areas) will require additional capital funding beyond the 10 year plan period. The capital cost implications are not definitive at this time, but are currently estimated at \$326.0 million with anticipation that the amount can be well over that amount once the studies are complete.
- In approving the above report, 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.

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 2014-2023 Capital Budget and Plan includes a total of \$44.476 million over a 10-year period.

In order to address some of the most critical erosion projects arising from the storm of July 8th, 2013, an additional TRCA contribution of \$26.0 million is recommended in Toronto Water's 10-Year Capital Plan (\$7.0 million in each 2014 and 2015, and \$2.0 million annually thereafter) in addition to the \$4.0 million previously included in the 10-Year Capital Plan.

At its meeting of July 16, 17, 18 and 19, 2013 City Council directed the City Manager in consultation with Toronto Water and the Toronto and Region Conservation Authority, to prepare a report to the Executive Committee before the end of 2013 on budgetary and other requirements to minimize the impact of similar future storm events on private and public property within the City of Toronto.

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.

City Council's above request will be addressed as appropriate.

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) which expanded on existing policy and practice for water testing for the protection of human health and the prevention of drinking water health hazards. Regulations passed under the Act require municipalities to 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. The new federal Regulations 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 (MOE).
- With respect to wastewater treatment plants, the new federal Regulations impose:
 - > Strict limits for final effluent quality, which were not previously regulated by the MOE, related to un-ionized ammonia, acute lethality testing, and total residual chlorine.
 - Methods for testing effluent quality.
 - > Flow monitoring.
 - Record keeping.
 - > Reporting.
- The regulations also contain requirements for annual reporting of combined sewer overflow (CSO) discharges within the City.
- Toronto Water has developed an action plan to address the new federal Fisheries Act Wastewater Systems Effluent Regulations by January 2015, requiring increased capital and operating funding as noted below:
 - Capital Costs already included in Toronto Water's 2014-2023 Capital Budget and Plan:
 - Design and construction of a new effluent disinfection system at the Ashbridges Bay Wastewater Treatment Plant estimated at \$205.4 million.

- Development of a hydrologic/hydraulic computer simulation model to provide for the annual reporting of combined sewer overflow discharges within the City's combined sewer system estimated at \$0.400 million.
- Increase in annual operating costs estimated at \$1.3 million included in the 2014 Recommended Operating Budget:
 - Additional hydro costs to eliminate the effects of ammonia toxicity in the Ashbridges Bay Wastewater Treatment Plant effluent (\$1.0 million per year).
 - Increased cost associated with the requisite wastewater treatment plant monitoring and reporting requirements to Toronto Water's annual Operating Budget (\$0.2 million per year).
 - Increased costs associated with the requisite combined sewer overflow reporting requirements (\$0.1 million per year).

Major Capital Projects – Status Update

At its meeting of October 24th, 2012, the Audit Committee considered a report from the Auditor General entitled "a Mid-Term Review of the Union Station Revitalization: Managing Risks in a Highly Complex Multi-Year, Multi-Stage, Multi-Million Dollar Project". The report recommended that enhanced oversight and reporting to promote accountability and transparency should be undertaken. The following information is being presented on Toronto Water's water meter program currently under way:

Water Meter Program:

- ➤ The City of Toronto is currently implementing a mandatory water meter program (Water Meter Replacement and Automated Meter Reading (AMR) System) that will replace or install new automated meters in every home and business in the city to provide an equitable system for all Toronto Water customers. As a result, customers will only pay for the water they actually use under the new system.
- ➤ The program is being rolled out on a ward-by-ward basis over a six-year period, beginning in 2010 and ending in 2015. The scope of work under the water meter replacement program involves the installation of new automated meters for approximately 474,000 water accounts.
- At the start of the project, there were approximately 68,000 flat rate accounts, and 406,000 accounts with existing meters that required replacement. Of the 406,000 existing metered accounts, 390,000 were associated with small meters and 16,000 with large meters.
- As of August 31, 2013, 250,800 new water meters have been installed under the program representing 53% of the installations of the total 474,000 water accounts. There are 223,200 water meters remaining to be installed and the project is expected to be substantially complete by the end of 2015, ahead of the original schedule and well before the sixth anniversary of the first installation.

- ➤ In 2008, the total project cost was set at \$219.0 million, including \$15.2 million for the project contingency. As of August 31, 2013, project expenditures total \$87.8 million or 40% of the \$219.0 million upset limit. The total projected expenditures are forecasted to be \$186 million or 85% of the \$219 million project costs. Most of the \$33 million difference between the forecasted total and the upset limit is due to less extensive installation work associated with large meters and lower than anticipated commodity and labour prices.
- In 2008, the anticipated financial benefits from the water meter program were expected to be approximately \$32.3 million per year once the system was fully implemented. The benefits were to be realized through a combination of additional revenues (\$27.3 million associated with the replacement of the City's aging meters and the conversion of flat rate accounts) and operating efficiencies (\$5 million associated with the implementation of an automated, radio frequency-based reading system).
- At project completion, the additional annual revenue as a result of the new meters is expected to be \$29.4 million, which is \$2.1 million higher than the original project forecast. Operating savings were expected to be \$5 million annually. Toronto Water is on target to achieve these savings and related efficiency savings are included in the 2014 Recommended Operating Budget and the 2015 and 2016 Outlooks.
- ➤ A detailed report from the General Manager Toronto Water, titled "Update on the Water Meter Program" was presented to the Public Works and Infrastructure Committee at its meeting of October 21, 2013.

The Metrolinx Rapid Transit Program

- In 2012, Toronto City Council authorized the City to enter into a Master Agreement for the implementation of a Provincially-funded Toronto light rail transit program, which agreement the City signed with the TTC and Metrolinx.
- The Master Agreement requires Metrolinx to protect, relocate or replace City infrastructure that is impacted by the Transit Program. All relocation and replacement work, which must meet pre-construction service levels and current standards, will be completed and paid for by Metrolinx, with the exception of construction work planned by the City in the corresponding locations that was identified in the City's five-year capital expenditure plan for 2013 to 2017, to which the City will make a financial contribution.
- The City can enhance capacity, service levels, or standards of City infrastructure at the time of its relocation or replacement by Metrolinx. If the City takes advantage of this opportunity, the City will only be required to pay Metrolinx for the incremental cost of the enhancements. Toronto Water (and Transportation Services) have identified a preliminary list of capital projects that Metrolinx could construct for the City in the course of construction of the Transit Program.
- The City may identify other opportunities to coordinate City infrastructure projects with
 Metrolinx as the latter provides the City with more information pertaining to the scope and

- schedule of the Transit Program, including City infrastructure that will be impacted by transit construction.
- Subsequent needs will be identified and quantified through the budget process. It is recommended that in the event that funding is not available in an approved budget to pursue new or additional City infrastructure, but staff feel that it is financially prudent to proceed, appropriate authorities will be sought.
- The report titled "Upgrading City Infrastructure During Construction Of the Metrolinx Transit Program" seeking authorities that will permit the City to coordinate its own infrastructure projects with the first phase of Metrolinx's Toronto light rail transit program to avoid multiple construction disruptions in the same location and to capitalize on any cost savings that may be available, was considered and recommendations adopted by the Executive Committee on July 3, 2013.
- All projects indentified in Toronto Water's preliminary list are funded in the 2014-2023
 Recommended Capital Budget and Plan.

Future Year Issues

Water Consumption Forecast

- As noted in the accompanying 2014 Water and Wastewater Rates 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 2006-2012 period, Toronto's water consumption has declined approximately 10%, from 377 to 340 million cubic metres.
- Although water consumption was forecasted to decline by 1.5% in 2013, it is not as great as anticipated. 2013 water consumption is expected to be about 1.0% lower than 2012 actual consumption, which can be mostly attributed to impacts of the July 8 storm. Up to the month of June, water consumption was fairly consistent with comparable period in 2012. The base forecasted consumption utilized in water rate modeling is estimated to decrease by 1.0% in each 2014 and 2015 compared to 2012 actuals.
- It is important to note that uncertainty in revenues from the sale of water which continues to be a challenge for Toronto Water.

Capital Funding Pressures and Unfunded Emerging Capital Priorities

- Although Toronto Water's Capital Program continues to be 100% self sustaining, largely through water revenues (with no debenture financing and no impact on the municipal property tax levy), declining water consumption trends, accelerated capital spending and emerging priorities continue to place significant pressure on the long term capital program.
- In 2012, Toronto Water's portfolio of capital projects had to be reduced by \$1.132 billion or 14% compared to the 2011 2020 Approved Capital Plan in order to replenish the Water Stabilization Reserve and to re-establish sufficient Water Capital Financing Reserve balances by 2014 (\$60 million from 2012-2014), affecting the following projects:

- ➤ Watermain Renewal (Replacement & Rehabilitation) projects to address state of good repair issues were reduced by a total of \$185.493 million from 2012 to 2020.
- ➤ Wet Weather Flow Master Plan projects were reduced by a total of \$436.578 million from 2012 to 2020;
- Storage and Pumping Facilities projects were reduced by a total of \$370.768 million from 2012 to 2020;
- Transmission Watermain projects were reduced by a total of \$308.474 million from 2012 to 2020; and
- ➤ Basement flooding program projects were reduced by a total of \$127.306 million from 2012 to 2020.
- Concurrently with deferring projects valued at \$1.132 billion in 2012, there is an estimated \$766.0 million in additional funding required to address unbudgeted projects over the 2014-2023 period. Another \$1.870 billion is required post 2023, for combined sewer overflows and improving water quality in the Don River and Waterfront, as well as water treatment plant upgrades, transmission watermains, and digester cleaning repairs. At the same time, demand is increasing to reinstate funding that was deferred for programs such as basement flooding protection and combined sewer overflow control projects, resulting in a number of competing priorities and significant funding pressures for Toronto Water.
- The following table summarizes unbudgeted pressures:

Project	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2014-2023	Post 2023	Post 2023
WATER TREATMENT AND SUPPLY													
WATER TREATMENT & SUPPLY - STANDBY POWER	-	-	-	-	5,000	5,000	7,000	10,000	10,000	10,000	47,000	30,500	77,500
WATER TREATMENT & SUPPLY - UPGRADES	2,170	4,555	2,275	950	-	-	-	-	-	-	9,950		9,950
BUSINESS & TECHNICAL IMPROVEMENTS	1,335	3,380	3,450	3,390	2,992	227	77	171	265	284	15,571		15,571
LAWRENCE HEIGHTS REDEVELOPMENT - PHASE 2													
WASTEWATER TREATMENT & STORMWATER MANAGEMENT													
BASEMENT FLOODING PROTECTION PROGRAM												674,000	674,000
BASEMENT FLOODING PROTECTION PROGRAM (ENTIRE CITY)		4,000	9,000	14,000	19,000	44,000	44,000	64,000	64,000	64,000	326,000		326,000
WASTEWATER TREATMENT PLANT - UPGRADES	600	4,600	9,050	9,450	21,100	12,825	3,075	-	-	-	60,700		60,700
WWTP - DIGESTER CLEANING & REPAIRS				100	6,300	6,400	7,625	8,825	8,925	7,525	45,700	20,125	65,825
WWF - WATERFRONT LANDFORMS			2,000	10,000	15,000	18,000	15,000	15,000	15,000	-	90,000		90,000
ETOBICOKE WATERFRON STORMWATER CONTROL												70,200	70,200
TRCA - UNFUNDED PRIORITY PROJECTS	5,000	5,000	8,000	8,000	3,000	3,000	3,000	3,000	3,000	3,000	44,000		44,000
TRCA - SCARBOROUGH WATERFRONT	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	6,000	60,000		60,000
WWF - DON & CENTRAL WATERFRONT CONSTRUCTION												1,075,700	1,075,700
WWF- Stream Restoration (incl. July 8 Storm)	2,870	1,085	10,000	11,500	11,500	11,500	11,500	7,000			66,955		
TOTAL	17,975	28,620	49,775	63,390	89,892	106,952	97,277	113,996	107,190	90,809	765,876	1,870,525	2,569,446

Strategy to address these pressures is provided in "Funding Pressures" issue below.

Issues Referred to the 2014 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 any fixed charge for the Wet Weather 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 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 presented to the Executive Committee on October 31, 2013.
- The report underlines 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 due to variety of factors affecting the delivery of its services as described in the ISSUES SECTION above.
- It recommends that City Council (a) agree in principle to increased expenditures for Toronto Water; (b) approve a study to determine and consult on the best way to pay for revenues needed to support the higher level of investment particularly for flood protection and stormwater management; and (c) consider the preferred funding strategy as part of the 2015 Toronto Water Capital Budget submission.
- 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.
- Any detailed studies and stakeholder consultation related to the report recommendations can be accommodated within existing approved funding. Any financial impact arising from the recommended funding options will be reported through the 2015 Toronto Water Capital and Operating Budget Process.

Storm Water Management

At its meeting of July 16, 17, 18 and 19, 2013 City Council directed the General Manager,
 Toronto Water to consider an increase in subsidy levels within the Basement Flooding

Protection Subsidy Program to account for inflationary pressures that more closely reflect construction cost increases, as part of the 2014 Toronto Water Capital Budget submission.

- Analysis conducted by Toronto Water staff shows subsidy levels are in line with those offered by neighbouring municipalities; contractor costs are primarily labour which are not expected to increase significantly over the longer term; and previous increases to subsidy amounts resulted in a corresponding increase in invoice amounts which benefit the industry and not the homeowner. An alternative would be to offer additional financial assistance based on total household income of property owners as follows:
 - Below \$31,000 per year -- 100 percent of the balance of the eligible costs
 - \$31,000-\$38,000 per year -- 50 percent of the balance of the eligible costs
 - \$38,000-\$50,000 per year -- 25 percent of the balance of the eligible costs
- There is a current subsidy cap of \$2,800 per household when there is installation of both a backwater valve and sump pump. However, subsidies for the individual items are set at \$1,250 (backwater valve) and \$1,750 (sump pump), for a combined total of \$3,000. Residents have voiced concerns with respect to the inequity that exists. It is suggested that the subsidy cap of \$2,800 be removed and individual subsidy amounts for the backwater valve, sump pump and pipe severance & capping be provided, to a total financial subsidy of \$3400 per property as follows:
 - Backwater valve: 80% of the invoiced cost up to a maximum of \$1,250
 - Sump Pump: 80% of the invoiced cost up to a maximum of \$1,750
 - Pipe Severance & Capping: 80% of the invoiced cost up to a maximum of \$400
- A number of administrative amendments to the program's eligibility criteria for 2014 will be considered under the General Manager's authority to help improve program effectiveness, homeowner protection and contractor accountability. Consideration will be given to remove the subsidy cap of \$2,800 (backwater valve and sump pump) and provide individual total subsidy amounts towards installation of a backwater valve (\$1,250), sump pump (\$1,750) and pipe severance & capping (\$400) for a total financial subsidy of \$3,400 per household.
- In response to significant increases in program application volumes, the approved 2013 Capital budget of \$2.5 million has been increased by \$2 million to address the forecasted 2013 expenditure of \$4.5 million. The Recommended 2014-2023 Capital Budget and Plan allocates \$5.4 million in response to the expected sustained increases in program volumes after the July 8th storm event.
- A detailed report from the General Manager Toronto Water titled "Impact of July 8, 2013 storm on the City's Sewer and Stormwater Systems" was approved by Council at its meeting of October 8, 9, 10 and 11, 2013. In approving the above report, City Council requested the General Manager, Toronto Water, to report back during the 2014 budget process on the following:

The capital and operating budget impacts of expanding the Basement Flooding Protection Program on a city-wide basis beyond the existing 34 priority study areas, including methodologies for setting priorities and resource implications, so that the program continues to address urban flooding risks in a fair, well-organized, and efficient manner.

The report titled "Expansion of the Basement Flooding Protection Program's Priority Study Areas" from the General Manager, Toronto Water will be submitted to the Budget Committee to be considered concurrently with the 2014 Capital and Operating Budget for Toronto Water. The report recommends that the General Manager, Toronto Water:

- 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.
- 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).
- 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.
- 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.

The report titled "Update on Implementation of the Mandatory Downspout Disconnection Program" from the General Manager, Toronto Water will be submitted to the Budget Committee to be considered concurrently with the 2014 Capital and Operating Budget for Toronto Water. T

The report indicates 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 proposed to boost compliance with the by-law across the City and will be the subject of a staff report to the Public Works and Infrastructure Committee in 2014.

➤ A multi-year capital plan to meet the Green Parking lot standards for Toronto Water properties.

In response to this Motion Toronto Water will undertake a review of its parking lots for opportunities to meet the Green Parking lot standards and present a plan to address this issue as part of its 2015 Capital Budget Submission.

Appendix 1

2013 Performance

2013 Key Accomplishments

In 2013, Toronto Water accomplished the following:

- ✓ Maintained a 100% full compliance rating for all water and wastewater treatment facilities with respect to Ministry of Environment inspections.
- ✓ Completed basement flooding Class EA studies to investigate the causes of basement and surface flooding and made recommendations to reduce the risk of future flooding in 15 basement flooding areas including wards: 1, 3, 4, 7, 8, 9, 10, 12, 15, 17, 23, 24, 29, 30, 31, 32, 33, 36, 37, 39, and 40.
- ✓ By the end of 2013 the following projects will be completed:
 - Harris Water Treatment Plant Envelope Rehabilitation (\$23.0 million).
 - Mechanical upgrades at Clark Water Treatment Plant (\$18.0 million).
 - Ashbridges Bay Treatment Plant D Building, Dewatering and Digester upgrades (\$175million).
 - ➤ Highland Creek Treatment Plant Sludge Thickening and Headhouse Upgrades (\$53.0 million).
 - Coxwell By-pass (\$40.0 million)
 - Basement Flooding Projects (\$48.0 million).
 - ➤ 40 km of watermain replacement (\$40.0 million) and 45 km of structural watermain lining (\$28.0 million).
 - ➤ 14 km of sewer replacement (\$21.0 million) and 70 km of sewer replacement (\$22.0 million).

2013 Capital Variance Review

2013 Budget to Actual Comparison (In \$000s)

2013 Approved	Actuals as of Sept	•	Projected Actu	als at Year End	Unspent	t Balance
\$	\$	% Spent	\$	% Spent	\$ Unspent	% Unspent
674,775	258,875	38.4%	485,488	71.9%	189,287	28.1%

Capital expenditures for the 9 months ended September 30, 2013 totaled \$258.875 million or 38.4% of its 2013 Approved Capital Budget of \$674.775 million. The projected year-end spending is \$485.488 million or 71.9% of the 2013 Approved Capital Budget. The 10 Year Rate

Model completion rate target for projects funded from the Toronto Water Capital Financing Reserve is 85%.

The above funds were spent for multi-phase projects that are underway and will be completed in future years:

- Toronto Water incurred spending as of September 30, 2013 for the following large multi year projects such as:
 - Rehabilitation and Replacement of Linear Infrastructure for Water and Sewers projects (\$55.640 million or 35% of the 2013 Approved Capital Budget of \$158.926 million).
 - Transmission Watermains (\$18.035 million or 51.5% of the 2013 Approved Capital Budget of \$34.997 million).
 - Automated Meter Replacement (AMR) Program (\$37.070 million or 85.9% of the 2013 Approved Capital Budget of \$43.165 million).
 - Upgrade to equipment at the *R.L. Clark Treatment Plant* (\$7.907 million or 67.4% of the 2013 Approved Capital Budget of \$11.723 million).
 - ➤ Rehabilitation of the sludge thickening and dewatering building at *Highland Creek Treatment Plant* (\$16.357 million or 43.9% of the 2013 Approved Capital Budget of \$37.301 million)
 - ➤ Upgrade of dewatering equipment and the emission air treatment process and rebuilding of the primary and final tanks at *Ashbridges Bay Treatment Plant*. (\$24.448 million or 26.9% of the 2013 Approved Capital Budget of \$90.965 million).
 - Wet Weather Flow Master Plan (\$10.252 million or 40.0% of the 2013 Approved Capital Budget of \$25.650 million).
- The lower than expected year-to-date spending rate was driven by the complexity of the engineering and design of the linear infrastructure which led to delayed tendering and awarding of the associated contracts. In addition to this, tenders for stand alone water main projects were delayed pending the finalization of crossing agreements with Metrolinx. Other contributing factors include the prevailing ground/site conditions as a result of the persistent wet weather or assessment results.
- In 2013, significant progress will continue to be made on state of good projects to address infrastructure renewal such as Watermain and Sewer Rehabilitation and improvements to Yards and Facilities; Water Storage Treatment & Treatment; and implementation of the Wet Weather Flow Master Plan. These projects are expected to meet or exceed the targeted spend rate of 85%.
- Toronto Water will continue to facilitate the New Service Connection project and is on schedule with the implementation of the Water Metering Program. These projects are anticipated to have a spend rate of 100%
- The forecasted year-end under-spending in 2013 relates to the following projects, due to extended design periods to ensure that the quality in design is achieved to address issues

raised through the design review process or unforeseen site conditions. The persistent wet weather condition this spring has resulted in lower construction days. Major projects include:

- Ashbridges Bay Treatment Plant (\$41.925 million or 46% of the 2013 Approved Capital Budget of \$90.965 million). A portion of this under spending (\$6.39 million) relates to the cancellation of the stack replacement due to favourable assessment conditions.
- Trunk Sewer & Pumping Station Rehabilitation (\$14.585 million or 59% of the 2013 Approved Capital Budget of \$24.901 million).
- Watermain Replacement (\$35.773 million or 67% of the 2013 Approved Capital Budget of \$53.286 million)
- ➤ Highland Creek Treatment Plant (\$25.864 million or 69% of the 2013 Approved Capital Budget of \$37.301 million)
- The Basement Flooding project is projected to have spending of \$48.204 million or 64% of the 2013 Approved Capital Budget of \$74.516 million. Environmental assessments have taken longer than originally planned due to the extended time for infrastructure assessments and in order to ensure that all public concerns are heard. In addition to this, Toronto Water is unable to proceed with some basement flooding relief projects as the preliminary designs indicate that the cost to each benefiting property will exceed the current threshold of \$32,000 as set by City Council. For those projects that have met the criteria and have proceeded, contracted pricing has been lower than expected. Unspent funds have been re-directed to advance the design phase of the remaining planned basement flooding relief projects.

2013 Carryforward Funding into 2014

- 2013 funding of \$138.057 million is being carried forward into the 2014 Capital Budget to complete the following projects:
 - ➤ State of Good Repair (including Legislated and Health and Safety) projects such as watermain replacement, trunk sewer and pumping station rehabilitation, Highland Creek and Ashbridges Wastewater Treatment Plant upgrades and rehabilitation projects totaling \$97.353 million.
 - Service Improvement projects such as Basement Flooding Relief, Storm Water Management End of Pipe Facilities and Wet Weather Flow Master Plan for a total of \$36.255 million.
 - ➤ Growth Related projects such as water storage expansion projects and new sewer construction projects of \$4.449 million.

Appendix 2

10-Year Recommended Capital Plan Project Summary (In \$000s)

	Total Project						2014 -						2014 -
Project	Cost	2014	2015	2016	2017	2018	2018	2019	2020	2021	2022	2023	2023
ASHBRIDGES BAY T.P III YR2004	3,540	1,130	1,530	50	30	-	2,740	-	400	400	-	-	3,540
ASHBRIDGES BAY T.P. YR2006	4,686	825	1,635	2,226	-	-	4,686	-	-	-	-	-	4,686
ASHBRIDGES BAY WWTP -													
BUILDING SERVICES & SITE DEV	16,155	1,120	3,120	4,105	2,560	2,200	13,105	1,000	50	-	2,000	-	16,155
ASHBRIDGES BAY WWTP -													
EFFLUENT SYSTEM	585,021	1,213	4,649	13,800	44,410	82,610	146,682	94,889	64,167	94,583	89,000	95,700	585,021
ASHBRIDGES BAY WWTP - LIQUID													
TREATMENT & HANDLING	806,533	28,353	45,577	57,820	76,550	104,000	312,300	83,500	106,000	106,868	100,865	97,000	806,533
ASHBRIDGES BAY WWTP - O&M													
UPGRADES	36,788	3,719	8,069	7,500	2,500	2,500	24,288	2,500	2,500	2,500	2,500	2,500	36,788
ASHBRIDGES BAY WWTP - ODOUR	25.644	2 207	0.450	0.740	6 4 2 2		25.644						25.644
CONTROL	25,614	2,297	8,453	8,742	6,122	-	25,614	-	-	-	-	-	25,614
ASHBRIDGES BAY WWTP - SOLIDS													
& GAS HANDLING	135,840	3,600	4,250	20,000	28,510	30,310	86,670	17,040	17,030	15,100	-	- 2540	135,840
ASHBRIDGES BAY WWTP REHAB	168,439	16,684	23,552	28,468	36,476	26,330	131,510	17,840	6,179	4,870	4,530	3,510	168,439
ASHRIDGES BAY TP YR2005 AVENUE ROAD TRUNKMAIN	14,469	4,357	5,233	3,172	1,008	699	14,469	-	-	-	-		14,469
REPLACEMENT	2 025	335	1 500	2 000			2 025						2 025
	3,835 962,008		1,500	2,000 105,292	102,374	100,976	3,835	106,500	101,500	97,500	102,500	102,500	3,835 962,008
BASEMENT FLOODING RELIEF BAYVIEW TRUNK WATERMAIN -	902,008	61,256	81,610	105,292	102,574	100,976	451,508	106,500	101,500	97,500	102,500	102,500	902,008
	0,000			400	100	400	000	4.000	4.000				9 000
PH2 BUSINESS IT PROJECTS	8,900 6,535	1,505	1,455	400 1,425	100 1,175	400 975	900 6,535	4,000	4,000	-	-	-	8,900 6,535
BUSINESS SYSTEM	6,535	1,303	1,433	1,423	1,1/3	9/3	0,555	-	-	-	-	-	0,555
INFRASTRUCTURE - PW	39,983	8,830	10,931	5,312	3,818	1,702	30,593	1,410	3,050	2,240	1,640	1,050	39,983
				2,312	3,016	1,702		1,410	3,030	2,240	1,040	1,030	
CLARK RESIDUE MGMT. FACILITIES	650	200	450	-	-	-	650	-	-	-	-	-	650
CONVEYANCE CONTROLS - REPLC &													
REHAB	85	65	20	-	-	-	85	-	-	-	-	-	85
D2/D4 TRUNK WATERMAIN													
UPGRADES	55,925	1,300	-	-	-	300	1,600	600	5,600	20,600	17,225	10,300	55,925
DIST SEWER REHAB OPS YR2005	500	300	188	12	-	-	500	-	-	-	-	-	500
DIST W/M REHABILITATION	565,283	40,679	40,371	45,502	63,337	49,976	239,865	55,119	60,267	65,419	70,576	74,037	565,283
DIST W/M REPLACEMENT	941,721	44,963	73,033	71,220	72,630	96,875	358,721	105,000	114,000	120,000	122,000	122,000	941,721
DIST WATER SERVICE REPAIR	189,463	18,149	19,625	17,166	17,404	18,233	90,577	18,780	19,343	19,923	20,521	20,319	189,463
DISTRICT WATERMAINS - NEW	4,544	194	350	500	500	500	2,044	500	500	500	500	500	4,544
DON & WATERFRONT TRUNK CSO	326,262	1,832	6,589	12,347	30,347	40,347	91,462	41,000	35,800	31,000	35,000	92,000	326,262
DOWNTOWN W/M													
ENHANCEMENT	40,705	19,385	14,298	7,015	7	-	40,705	-	-	-	-	-	40,705
EMERY CREEK POND	5,510	2,410	2,550	550	-	-	5,510	-	-	-	-	-	5,510
ENGINEERING	403,522	38,898	42,982	48,782	39,508	39,389	209,559	41,659	39,456	37,346	37,413	38,089	403,522
ENGINEERING STUDIES	9,329	6,978	1,751	150	150	50	9,079	50	50	50	50	50	9,329
EQUIPMENT REPLACEMENT &													
REHABILITATION	10,735	730	2,520	2,330	3,155	2,000	10,735	-	-	-	-	-	10,735
F.J. HORGAN WTP R&R	18,967	1,908	3,454	7,085	4,435	1,085	17,967	200	200	200	200	200	18,967
FJ HORGAN W.T.P. R&R		-	-	-	-	-	-		-	-	-	-	-
HARRIS W.T.P. R&R	95,263	6,033	10,360	8,670	9,250	15,150	49,463	11,500	8,650	8,500	8,650	8,500	95,263
HIGHLAND CREEK T.P IV YR2004	271	205	63	3	-	-	271	-	-	-	-	-	271
HIGHLAND CREEK TP YR2005	885	250	317	313	-	5	885	-	-	-	-	-	885
HIGHLAND CREEK WWTP -	11.000	1 400	2.500	4.000	2.000		11.000						11 000
BUILDING SERV & SITE DEV	11,998	1,498	3,500	4,000	3,000	-	11,998	-	-	-	-	-	11,998
HIGHLAND CREEK WWTP - O&M UPGRADES	3,000								_			3,000	3,000
HIGHLAND CREEK WWTP - ODOUR	3,000	-	-	-	-	-	-	-	-	-	-	3,000	3,000
CONTROL	112,455	5,460	15,510	15,480	15,800	15,500	67,750	16,005	11,500	11,300	5,900		112,455
HIGHLAND CREEK WWTP - SOLIDS		2,100	,	,.00	,000		2.,,50	_3,003	,500	,500	2,500		,
& GAS HANDLING	159,894	2,850	7,300	7,047	6,000	28,000	51,197	32,000	30,250	30,250	15,000	1,197	159,894
HIGHLAND CREEK WWTP		,	,	,	.,	.,	,==,	,	,===	,	.,	,	,
UPGRADES	140,716	15,995	27,756	34,915	30,711	17,730	127,107	10,150	3,397	20	42	-	140,716
	1						, .	,	,		-		.,
HORGAN TRUNK MAIN EXPANSION	65,622	102	800	6,850	18,850	18,500	45,102	17,510	3,010	_	_		65,622
HORGAN W.T.P. EXPANSION	9,945	3,815	6,130	-	-	-	9,945	-	-	-	-	-	9,945
HUMBER T.P.	509	-	200	200	109	-	509	-	-	-	-	-	509
HUMBER T.P II YR2004	297	105	180	5	7	-	297	-	-	-	-	-	297
HUMBER TP YR2005	3,160	1,518	1,020	421	100	101	3,160	-	-	-	-	-	3,160
HUMBER WWTP - LIQUID													
TREATMENT & HANDLING	270,751	4,865	8,328	8,491	33,225	43,112	98,021	43,930	40,600	40,120	31,080	17,000	270,751
HUMBER WWTP - O&M													
UPGRADES	17,388	5,200	8,884	3,304	-	-	17,388	-	-	-	-		17,388
HUMBER WWTP - ODOUR													
CONTROL	65,000	5,000	15,000	20,000	20,000	5,000	65,000	-	-	-	-	-	65,000
HUMBER WWTP UPGRADES	51,795	11,590	11,235	9,410	3,295	3,085	38,615	6,050	4,990	1,890	250	-	51,795
ISLAND PLANT WINTERIZATION	558	170	388	-	-		558	-	-	-	-	-	558
ISLAND W.T.P. R&R	27,400	150	700	1,550	3,250	6,250	11,900	12,250	3,250	-	-	-	27,400
										275	F2F		16,275
ISLAND W.T.P. R&R	16,275	3,397	4,877	4,636	665	525	14,100	375	525	375	525	375	10,2/3
		3,397	4,877	4,636	665	525	14,100	3/5	525	3/5	525	375	10,273

Continues on the Page Following

Appendix 2 - Continued

10-Year Recommended Capital Plan Project Summary - Continued (In \$000s)

	Total Project						2014 -						2014 -
Project	Cost	2014	2015	2016	2017	2018	2018	2019	2020	2021	2022	2023	2023
METERING & METER READING SYS	142,781	47,450	45,656	44,675	5,000	-	142,781	-	-	-	-	-	142,781
NEW SERVICE CONNECTIONS	175,000	17,500	17,500	17,500	17,500	17,500	87,500	17,500	17,500	17,500	17,500	17,500	175,000
NEW SEWER CONSTRUCTION	100,202	202	4,000	8,000	10,000	10,000	32,202	12,000	14,000	14,000	14,000	14,000	100,202
NORTH TORONTO WTP UPGRADES	3,234	767	915	777	522	253	3,234	-	-	-	-	-	3,234
OPERATIONAL SUPPORT	37,956	3,553	5,003	6,100	6,600	5,900	27,156	2,100	2,100	5,000	1,600	-	37,956
PW ENGINEERING	18,961	2,068	2,513	2,560	2,760	2,560	12,461	2,400	1,400	1,400	900	400	18,961
REGENT PARK CAPITAL													
CONTRIBUTION	3,212	-	859	330	132	745	2,066	287	115	420	162	162	3,212
RL CLARK W.T.P. R&R	130,361	10,420	12,000	12,932	12,754	12,906	61,012	12,749	16,150	20,150	20,150	150	130,361
SEWAGE PUMPING STATION													
UPGRADES	61,629	9,255	5,442	2,162	810	3,550	21,219	9,450	11,350	9,300	7,220	3,090	61,629
SEWER ASSET PLANNING	121,195	7,357	13,023	13,765	13,150	13,150	60,445	12,150	15,150	11,150	11,150	11,150	121,195
SEWER REPLACEMENT PROGRAM	482,346	61,063	38,976	36,608	38,096	42,603	217,346	47,000	52,000	57,000	57,000	52,000	482,346
SEWER SYSTEM REHABILITATION	466,578	26,141	33,655	44,963	48,962	49,020	202,741	50,020	51,500	53,045	54,636	54,636	466,578
STREAM RESTORATION & EROSION													
CONTROL	102,590	8,040	9,000	6,870	9,160	7,120	40,190	11,820	13,320	13,620	11,820	11,820	102,590
SWITCH GEAR TRANSFORMER	13,660	1,025	6,400	6,235	-		13,660	-		-			13,660
SWM_TRCA FUNDING	44,476	3.970	4.069	4.171	4.275	4.382	20.867	4.491	4.604	4.719	4.837	4.958	44,476
SWM END OF PIPE FACILITIES	142,510	1,200	6,800	6,650	6,550	9,590	30,790	14,410	20,130	31,680	15,500	30,000	142,510
SWM SOURCE CONTROL PROG	850	150	150	250	150	150	850	-	-	-	-	-	850
TASTE AND ODOUR MANAGEMENT	12,500	-	-	-	-	-	_	-	-	_	2,500	10,000	12,500
TRANSMISSION OPERATIONS	,										,	.,	,,,,,,
OPTIMIZER	560	560	-	-	-	-	560	_	-	_		-	560
TRANSMISSION R&R	83.582	4.864	11,879	6.385	5.064	7,700	35,892	11.060	9,600	10,450	7.930	8.650	83,582
TRCA - Land Acquisition for	,	,	,	.,	.,	,	,	,	.,	.,	,	.,	,
Source Water Protect	30,000	7,000	7,000	2,000	2,000	2,000	20,000	2,000	2,000	2,000	2,000	2,000	30,000
TRUNK SEWER SYSTEM	318,362	8,696	19,466	28.609	29.154	29,388	115,313	33.038	35.011	35,000	50,000	50.000	318,362
TRUNK WATERMAIN EXPANSION	28,160	610	1,100	2,550	7,400	7,000	18,660	8,500	1,000	-	-	-	28,160
W&WW LABORATORIES	19,570	120	150	-	-	-	270	200	800	1,500	8,400	8,400	19,570
WATER EFFICIENCY PROGRAM	5,200	520	520	520	520	520	2,600	520	520	520	520	520	5,200
WATER STORAGE EXPANSION	60	30	30	-	-	-	60		-	-	-	-	60
WATER SUSTAINABILITY PROGRAM	11,300	200	2,750	4,350	4,000	-	11,300	-	-	-	-	-	11,300
WESTERN BEACHES RETROFIT	5,900	800	2,550	2,550	-	-	5,900	-	-	-	-	-	5,900
WET WEATHER FLOW MP	67,244	7,891	4,178	4,650	5,150	6,275	28,144	6,700	6,700	6,700	9,500	9,500	67,244
WM MARKHAM/SHEPPARD TO													l
BAYVIEW/FINCH	400	400	-	-	-	-	400	-	-	-	-	-	400
Total (including carry forward													
funding)	9,108,669	613,270	794,348	867,782	929,155	988,854	4,193,409	1,003,283	961,214	1,006,708	965,292	978,763	9,108,669

Appendix 3

2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and F	uture Yea	r Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flor	w Commit	ments F	inanced E	Зу		
Sub Prio		<u>ect No. Project Name</u> Proj No. Sub-project Name	Vard	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies		Development Charges	Reserves	Reserve	Capital from Current	Other 1	Other2	Debt Recove Debt	able	Total Financing
WAT	000004	HORGAN W.T.P. EXPANSION																						
0	2	PLANT EXPANSION - DESIGN & CONSTR ADMIN	CW	S2	05	100	0	0	0	0	100	0	100	c	0	21	0	47	0	0	32	0	0	100
0	18	SUPERNATANT AND FORCEMAIN INSTALLATION	CW	S2	05	4,098	0	0	0	0	4,098	0	4,098	c	0	864	0	3,234	0	0	0	0	0	4,098
0	29	SUPERNATANT AND FORCEMAIN INSTALLATION -2014 SC	CW	S3	05	-1,598	4,500	0	0	0	2,902	0	2,902	c	0	1,373	0	1,529	0	0	0	0	0	2,902
0	30	PLANT EXPANSION - DESIGN & CONSTR ADMIN -2014 SC	CW	S3	05	100	940	0	0	0	1,040	0	1,040	c	0	343	0	364	0	0	333	0	0	1,040
0	31	PLANT EXPANSION - CONSTRUCTION -2014 SC	CW	S3	05	-4,000	-310	0	0	0	-4,310	0	-4,310	c	0	-712	0	-2,219	0	0	-1,379	0	0	-4,310
1	5	PLANT EXPANSION - CONSTRUCTION	CW	S2	05	5,115	1,000	0	0	0	6,115	0	6,115	С	0	1,289	0	2,869	0	0	1,957	0	0	6,115
		Sub-total				3,815	6,130	0	0	0	9,945	0	9,945	0	0	3,178	0	5,824	0	0	943	0	0	9,945
WAT	000014	WATER STORAGE EXPANSION																						
0	1	DUFFERIN RES. EXT DESIGN AND CONT. ADMIN	CW	S2	05	19	0	0	0	0	19	0	19	c	0	5	0	14	0	0	0	0	0	19
0	2	Milliken PS and Reservoir - Engineering	CW	S2	05	25	25	0	0	0	50	0	50	C	0	10	0	22	0	0	18	0	0	50
0	5	Dufferin Reservoir Expansion - CONST	CW	S2	05	100	1,100	0	0	0	1,200	0	1,200	C	0	372	0	828	0	0	0	0	0	1,200
0	18	MILLIKEN P.S. CONSTRUCTION	CW	S2	05	100	1,200	0	0	0	1,300	0	1,300	c	0	0	0	0	0	0	1,300	0	0	1,300
0	28	MILLIKEN PS RESERVOIR EXT .CONSTRUCTION	CW	S2	05	100	2,400	0	0	0	2,500	0	2,500	c	0	519	0	1,041	0	0	940	0	0	2,500
0	42	DUFFERIN RES. EXT. DESIGN & CONT ADMIN -2014 SC	CW	S3	05	-14	5	0	0	0	-9	0	-9	C	0	1	0	-10	0	0	0	0	0	-9
0	44	Dufferin Reservoir Expansion - CONST -2014 SC	CW	S3	05	-100	-1,100	0	0	0	-1,200	0	-1,200	С	0	-372	0	-828	0	0	0	0	0	-1,200
0	45	MILLIKEN PS RESERVOIR EXT .CONSTRUCTION -2014 SC	CW	S3	05	-100	-2,400	0	0	0	-2,500	0	-2,500	C	0	-519	0	-1,041	0	0	-940	0	0	-2,500
0	46	MILLIKEN P.S. CONSTRUCTION -2014 SC	CW	S3	05	-100	-1,200	0	0	0	-1,300	0	-1,300	C	0	0	0	0	0	0	-1,300	0	0	-1,300
0	47	Milliken PS and Reservoir - Engineering - 2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	С	0	10	0	-10	0	0	0	0	0	0
		Sub-total				30	30	0	0	0	60	0	60	0	0	26	0	16	0	0	18	0	0	60
WAT	000018	CLARK RESIDUE MGMT. FACILITIES																						
0	24	RESIDUALS RETROFITS & UPGRADES	CW	S2	02	400	100	0	0	0	500	0	500	c	0	25	0	475	0	0	0	0	0	500
0	26	RESIDUALS RETROFITS & UPGRADES -2014 SC	CW	S3	02	-200	350	0	0	0	150	0	150	C	0	-25	0	175	0	0	0	0	0	150
		Sub-total				200	450	0	0	0	650	0	650	0	0	0	0	650	0	0	0	0	0	650
WAT	000021	WATER EFFICIENCY PROGRAM																					\exists	
0	10	ICI INDOOR WATER AUDIT	CW	S2	05	368	300	300	300	0	1,268	0	1,268	c	0	1,268	0	0	0	0	0	0	0	1,268

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

		- 9																						
							Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	uture Year (Cash Flov	w Commi	itments F	inanced	Ву		
<u>Su</u> Pri		<u>oject No. Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	F Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Red	Debt - coverable	Total Financing
WA	000021	1 WATER EFFICIENCY PROGRAM																						
0	11	PUBLIC EDUCATION & PROMOTIONS	CW	S2	05	198	150	150	150	0	648	0	648	0	0	389	0	259	0	0	0	0	0	648
0	12	ANCILLARY COSTS	CW	S2	05	70	70	70	70	0	280	0	280	0	0	280	0	0	0	0	0	0	0	280
0	82	WATER EFFICIENCY FUTURE YEAR	CW	S6	05	0	0	0	0	520	520	2,600	3,120	О	0	3,120	0	0	0	0	0	0	0	3,120
0	87	PUBLIC EDUCATION & PROMOTIONS -2014 SC	CW	S3	05	-48	0	0	0	0	-48	0	-48	o	0	211	0	-259	0	0	0	0	0	-48
0	90	ICI INDOOR WATER AUDIT - 2014 SC	CW	S3	05	-68	0	0	0	0	-68	0	-68	o	0	-68	0	0	0	0	0	0	0	-68
		Sub-total				520	520	520	520	520	2,600	2,600	5,200	0	0	5,200	0	0	0	0	() () 0	5,200
WA	000340	0 ISLAND PLANT WINTERIZATION																						
0	1	PLANT WINTERIZATION & SUMMERIZATION	CW	S2	04	505	0	0	0	0	505	0	505	О	0	0	0	505	0	0	0	0	0	505
0	13	PLANT WINTERIZATION & SUMMERIZATION- 2014 SC	CW	S3	04	-335	388	0	0	0	53	0	53	О	0	0	0	53	0	0	0	0	0	53
		Sub-total				170	388	0	0	0	558	0	558	0	0	0	0	558	0	0) (0	558
WA	000352	2 WM MARKHAM/SHEPPARD TO BAYVIE	W/FINC																					
0	7	JOS WM MARKHAM/SHEPPARD TO BAYVIEW/FINCH	CW	S2	05	316	0	0	0	0	316	0	316	0	0	0	0	316	0	0	0	0	0	316
0	18	JOS MARKHAM/SHEPPARD BAYVIEW/FINCH HYDRO -2014 SC	CW	S3	05	84	0	0	0	0	84	0	84	o	0	0	0	84	0	0	0	0	0	84
		Sub-total				400	0	0	0	0	400	0	400	0	0	0	0	400	0	0) (0	400
WA	000363	3 ENGINEERING STUDIES																						
0	2	IMPROVED TREATMENT STUDIES	CW	S2	04	20	20	0	0	0	40	0	40	О	0	0	0	40	0	0	0	0	0	40
0	18	Controlled Substances ID and Abatement	CW	S2	02	200	200	0	0	0	400	0	400	o	0	0	0	400	0	0	0	0	0	400
0	25	FACILITY FORECAST/SOGR	CW	S6	03	О	0	100	150	50	300	250	550	o	0	0	0	550	0	0	0	0	0	550
0	31	ENERGY EFFICIENCY IMPLEMENTATIO - 2014 SC	ON CW	S3	04	50	50	0	0	0	100	0	100	o	0	0	0	100	0	0	0	0	0	100
0	38	CORROSION CONTROL	CW	S2	02	7,360	110	0	0	0	7,470	0	7,470	o	0	0	0	7,470	0	0	0	0	0	7,470
0	55	CORROSION CONTROL -2014 SC	CW	S3	02	-1,272	1,291	0	0	0	19	0	19	o	0	455	0	-436	0	0	0	0	0	19
0	56	IMPROVED TREATMENT STUDIES -201 SC	4 CW	S3	04	620	80	50	0	0	750	0	750	o	0	0	0	750	0	0	0	0	0	750
		Sub-total				6,978	1,751	150	150	50	9,079	250	9,329	0	0	455	0	8,874	0	0) () 0	9,329
WA	906334	4 BUSINESS SYSTEM INFRASTRUCTURE	<u> - PW</u>																					
0	7	NETWORK EQUIPMENT REPLACEMEN	T CW	S2	03	205	1,163	0	0	0	1,368	0	1,368	o	0	0	0	1,368	0	0	0	0	0	1,368
						-							-											-

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

								Curr	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cui	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Зу		
<u>Sub</u> Prio		•	Project Name Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Del Recov Debt		Total Financing
WAT	906334	BUSINES	S SYSTEM INFRASTRUCTURE -	PW																					
0	8	NETWOR REPLACE	K CABLE LIFECYCLE MENT	CW	S2	03	4,490	560	165	0	0	5,215	0	5,215	o	0	0	0	5,215	0	0	0	0	0	5,215
0	9	TRUNK R	ADIO SYSTEM	CW	S2	04	0	0	200	100	0	300	0	300	o	0	0	0	300	0	0	0	0	0	300
0	12	PCS LEG 2014 SC	ACY ALARM IMPROVEMENT -	CW	S3	04	0	600	0	0	0	600	0	600	o	0	0	0	600	0	0	0	0	0	600
0	23	RELIABIL	ITY IMPROVEMENT PROGRAM	CW	S2	04	475	600	500	150	150	1,875	350	2,225	O	0	0	0	2,225	0	0	0	0	0	2,225
0	39	PCS LEG	ACY ALARM IMPROVEMENT	CW	S2	04	750	0	0	0	0	750	0	750	O	0	0	0	750	0	0	0	0	0	750
0	41	BUSINES PHASE 2	S & TECH IMPROVEMENT -	CW	S2	04	1,524	500	0	0	0	2,024	0	2,024	O	0	0	0	2,024	0	0	0	0	0	2,024
0	42		PLC PLATFORM UPGRADE AND ROVEMENTS	CW	S2	04	1,610	3,000	440	0	0	5,050	0	5,050	o	o o	0	0	5,050	0	0	0	0	0	5,050
0	43	NETWOR -FUTURE	K EQUIPMENT REPLACEMENT YEAR	CW	S6	04	0	0	1,586	1,700	710	3,996	8,390	12,386	O	o o	0	0	12,386	0	0	0	0	0	12,386
0	54	NETWOR -2014 SC	K EQUIPMENT REPLACEMENT	CW	S3	03	360	360	0	0	0	720	0	720	o	o o	0	0	720	0	0	0	0	0	720
0	55		K CABLE LIFECYCLE MENT -2014 SC	CW	S3	03	-2,530	4,980	1,951	11	0	4,412	0	4,412	O	o o	0	0	4,412	0	0	0	0	0	4,412
0	56	RELIABIL 2014 SC	ITY IMPROVEMENT PROGRAM	CW	S3	04	-275	-400	-500	-150	-150	-1,475	-350	-1,825	0	0	0	0	-1,825	0	0	0	0	0	-1,825
0	57	BUSINES PHASE 2	S & TECH IMPROVEMENT - -2014 SC	CW	S3	04	1,172	1,068	970	1,047	792	5,049	0	5,049	0	0	0	0	5,049	0	0	0	0	0	5,049
0	58		PLC PLATFORM UPGRADE & ROV -2014 SC	CW	S3	04	1,049	-1,500	-200	760	0	109	0	109	0	0	0	0	109	0	0	0	0	0	109
0	61	RELIABIL FUTURE	ITY IMPROVEMENT PROGRAM - YEARS	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
			Sub-total				8,830	10,931	5,312	3,818	1,702	30,593	9,390	39,983	0	O	0	0	39,983	0	0	0	0	0	39,983
WAT	906340	METERIN	G & METER READING SYS																						
0	2	AUTOMA [*]	TED METER READING SYSTEM	CW	S2	04	49,957	44,531	38,150	0	0	132,638	0	132,638	О	0	0	0	132,638	0	0	0	0	0	132,638
0	13	AUTOMA ² 2014 SC	TED METER READING SYSTEM	- CW	S3	04	-2,507	1,125	6,525	5,000	0	10,143	0	10,143	o	0	0	0	10,143	0	0	0	0	0	10,143
			Sub-total				47,450	45,656	44,675	5,000	0	142,781	0	142,781	0	C	0	0	142,781	0	0	0	0	0	142,781
WAT	906467	AVENUE	ROAD TRUNKMAIN REPLACEME	<u>ENT</u>																					
0	1		RD WM ENGINEERING - HI) LAWRENCE	CW	S2	03	112	0	0	0	0	112	0	112	О	0	0	0	93	0	0	19	0	0	112
0	2		RD WM CONSTRUCTION - HI LAWRENCE	CW	S2	03	1,500	1,500	700	0	0	3,700	0	3,700	o	0	47	0	2,962	0	0	691	0	0	3,700
0	23		RD WM ENG - HI LEVEL TO CE -2014 SC	CW	S3	03	23	0	0	0	0	23	0	23	0	0	68	0	-51	0	0	6	0	0	23

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

		- J																						
							Curre	ent and Fu	uture Year	Cash Flo	w Commitr	nents			Cui	rent and Fu	ıture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Sub- Priorit		ect No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - overable	Total Financing
		AVENUE ROAD TRUNKMAIN REPLACEM																						
0 :		AVENUE RD WM CONS - HI LEVELTO LAWRENCE -2014 SC	CW	S3	03	-1,300	0	1,300	0	0	0	0	0	() 0	1,818	0	-1,818	0	0	0	0	0	0
		Sub-total				335	1,500	2,000	0	0	3,835	0	3,835	C) 0	1,933	0	1,186	0	0	716	0	C	3,835
WAT90	06468	HORGAN TRUNK MAIN EXPANSION												İ										
0		JOS - HORGAN TO ELLESMERE WM - ENGINEERING	CW	S2	05	200	200	200	200	200	1,000	0	1,000	() (190	0	485	0	0	325	0	0	1,000
0 :		HORGAN TO ELLESMERE - CONSTRUCTION	CW	S2	05	0	3,000	5,000	10,000	10,000	28,000	20,000	48,000) (9,077	0	23,342	0	0	15,581	0	0	48,000
0 :		JOS - HORGAN TO ELLESMERE WM - ENG -2014 SC	CW	S3	05	-98	100	650	650	300	1,602	20	1,622	(0 0	807	0	290	0	0	525	0	0	1,622
0 4		HORGAN TO ELLESMERE - CONSTRUCTION -2014 SC	CW	S3	05	0	-2,500	1,000	8,000	8,000	14,500	500	15,000	() d	14,833	0	-4,703	0	0	4,870	0	0	15,000
		Sub-total				102	800	6,850	18,850	18,500	45,102	20,520	65,622	C	0	24,907	0	19,414	0	0	21,301	0	O	65,622
WAT90	06470	ISLAND W.T.P. R&R																						
0 8	8	CHEMICAL & RESIDUALS MNGT - ENG	CW	S2	02	1,150	200	200	200	200	1,950	450	2,400	() 0	121	0	2,279	0	0	0	0	0	2,400
0	11	CHEMICAL & RESIDUALS MNGT - CONS	T CW	S6	02	0	0	1,000	3,000	6,000	10,000	15,000	25,000	() (912	0	24,088	0	0	0	0	0	25,000
0 :		CHEMICAL & RESIDUALS MNGT - ENG -2014 SC	CW	S3	02	-1,000	500	350	50	50	-50	50	0	() (-121	0	121	0	0	0	0	0	0
		Sub-total				150	700	1,550	3,250	6,250	11,900	15,500	27,400	С	0	912	0	26,488	0	0	0	0	C	27,400
WAT90	06481	DISTRICT WATERMAINS - NEW																						
0	1	DIST W/MAINS NEW	CW	S2	05	500	0	0	0	0	500	0	500	() d	296	0	204	0	0	0	0	0	500
0 :	3	10 YEAR NEW WATERMAINS	CW	S6	05	0	0	0	500	500	1,000	2,500	3,500	() 0	3,500	0	0	0	0	0	0	0	3,500
0	12	DIST W/MAINS NEW -2014 SC	CW	S3	05	-306	350	500	0	0	544	0	544	() 0	-296	0	840	0	0	0	0	0	544
		Sub-total				194	350	500	500	500	2,044	2,500	4,544	С	0	3,500	0	1,044	0	0	0	0	C	4,544
WAT90	06483	PW ENGINEERING																						
0 :		CAPITAL PRGMG & FACILITY ASSET PLANNING	CW	S2	03	1,110	750	0	0	0	1,860	0	1,860	() 0	0	0	1,860	0	0	0	0	0	1,860
0 :	5	WATERMAIN ASSET PLANNING	CW	S2	03	561	400	0	0	0	961	0	961	() (0	0	961	0	0	0	0	0	961
0	7	EASEMENT ACQUISITION	CW	S2	04	472	300	0	0	0	772	0	772	() (0	0	772	0	0	0	0	0	772
0 :	22	WATER LOSS REDUCTION STRATEGY	CW	S2	03	364	225	1,500	2,000	2,500	6,589	350	6,939	() 0	0	0	6,939	0	0	0	0	0	6,939
0 :	37	ASSET MANAGEMENT IMPLEMENTATIO	N CW	S6	04	0	500	1,000	1,000	1,000	3,500	3,500	7,000	() 0	0	0	7,000	0	0	0	0	0	7,000
0 :		WATERMAIN ASSET PLANNING - 10 YR FORECAST	CW	S6	04	0	0	400	400	400	1,200	2,000	3,200	() (480	0	2,720	0	0	0	0	0	3,200

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	nt and Fu	iture Year	Cash Flo	w Commitm	nents			Curi	rent and Fut	ure Year	Cash Flo	w Commi	tments F	inanced	Зу		
Sub Pric		<u>iject No. </u>	Ward	Stat	Cat	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal D	Development Charges F	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recove Debt	erable	Total Financing
		PW ENGINEERING		Otati	- Juli				-					Subsidies									\neg	
0	44	WATERMAIN ASSET PLANNING -2014 SC	CW	S3	03	429	260	460	360	160	1,669	0	1,669	O	0	658	0	1,011	0	0	0	0	0	1,669
0	45	JOS UPDATE - 2014 SC	CW	S3	05	10	0	0	0	0	10	0	10	О	0	10	0	0	0	0	0	0	0	10
0	46	EASEMENT ACQUISITION - 2014 SC	CW	S3	04	-172	0	0	0	0	-172	0	-172	o	0	0	0	-172	0	0	0	0	0	-172
0	47	WATER LOSS REDUCTION STRATEGY - 2014 SC	CW	S3	03	-14	78	-800	-1,000	-1,500	-3,236	650	-2,586	0	0	0	0	-2,586	0	0	0	0	0	-2,586
0	48	CAPITAL PRGMG & FACILITY ASSET PLANNING - 2014 SC	CW	S3	03	-692	0	0	0	0	-692	0	-692	0	0	0	0	-692	0	0	0	0	0	-692
		Sub-total				2,068	2,513	2,560	2,760	2,560	12,461	6,500	18,961	0	0	1,148	0	17,813	0	0	0	0	0	18,961
WAT	906749	DOWNTOWN W/M ENHANCEMENT																						
0	1	JOS - GERRARD ST WM - ENGINEERING	CW	S2	03	731	378	15	7	0	1,131	0	1,131	O	0	112	0	155	0	0	864	0	0	1,131
0	4	JOS - GERRARD ST WM - CONSTRUCTION	CW	S2	03	24,554	14,920	0	0	0	39,474	0	39,474	0	0	3,916	0	5,373	0	0	30,185	0	0	39,474
0	35	JOS - GERRARD ST WM - ENGINEERING -2014 SC	CW	S3	03	100	0	0	0	0	100	0	100	0	0	132	0	-108	0	0	76	0	0	100
0	36	JOS BATHURST-DUPONT W/M - ENG -2014 SC	CW	S3	05	-33	0	0	0	0	-33	0	-33	0	0	-6	0	-27	0	0	0	0	0	-33
0	37	JOS - GERRARD ST WM - CONSTRUCTION -2014 SC	CW	S3	03	-6,000	-1,000	7,000	0	0	0	0	0	0	0	3,943	0	-3,944	0	0	1	0	0	0
1	3	JOS BATHURST-DUPONT W/M - ENG	CW	S2	05	33	0	0	0	0	33	0	33	0		6	0	27	0			0	0	33
		Sub-total				19,385	14,298	7,015	7	0	40,705	0	40,705	0	0	8,103	0	1,476	0	0	31,126	0	0	40,705
WAT	906752	TRANSMISSION R&R																					j	İ
0	49	TRUNK WATERMAIN REHAB	CW	S2	03	250	250	0	0	0	500	0	500	0	0	0	0	500	0	0	0	0	0	500
0	50	10 YR TRUNK WATERMAIN REHAB	CW	S6	03	0	0	250	250	250	750	1,250	2,000	o	0	0	0	2,000	0	0	0	0	0	2,000
0	51	CAST IRON TRUNK REPLC - PHASE 2	CW	S2	03	1,000	5,000	2,200	320	0	8,520	0	8,520	O	0	0	0	8,520	0	0	0	0	0	8,520
0	52	CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	CW	S4	03	300	400	600	800	700	2,800	1,440	4,240	0	0	0	0	4,240	0	0	0	0	0	4,240
0	58	CAST IRON TRUNK REPLC - PHASE 3 - CONSTRUCTION	CW	S6	03	0	0	2,000	3,500	2,350	7,850	18,400	26,250	O	0	0	0	26,250	0	0	0	0	0	26,250
0	59	CAST IRON TRUNK REPLC - PHASE 2 - 2014 SC	CW	S3	03	-1	-196	310	-56	0	57	0	57	0	0	0	0	57	0	0	0	0	0	57
1	2	TRANSF & SW'GEAR REPLACMENT DESIGN	CW	S4	03	50	0	0	0	0	50	0	50	0	0	0	0	50	0	0	0	0	0	50
		Sub-total				1,599	5,454	5,360	4,814	3,300	20,527	21,090	41,617	0	0	0	0	41,617	0	0	0	0	0	41,617
WAT	906900	TRANSMISSION R&R																					\Box	
0	1	TRANS FACILITIES REHAB	CW	S2	03	548	0	0	0	0	548	0	548	O	0	0	0	548	0	0	0	0	0	548

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commi	ments F	inanced E	Ву		
Sub Prio		ject No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recovera Debt		Total Financing
WA	<u>906900</u>	TRANSMISSION R&R																						
0	6	ELLESMERE P.S. UPGRADE	CW	S2	05	0	25	525	0	0	550	0	550	0	0	63	0	139	0	0	348	0	0	550
0	7	RESERVOIR REHAB -FUTURE	CW	S6	03	0	0	0	250	4,400	4,650	26,600	31,250	0	0	0	0	31,250	0	0	0	0	0	31,250
0	26	SCARBOROUGH PS - PUMP REPLC	CW	S2	03	884	20	0	0	0	904	0	904	0	0	0	0	904	0	0	0	0	0	904
0	27	EGLINTON PS -PUMP REPLC	CW	S2	03	2,982	100	0	0	0	3,082	0	3,082	0	0	0	0	3,082	0	0	0	0	0	3,082
0	32	ELLESMERE P.S. UPGRADE -2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	0	0	64	0	-64	0	0	0	0	0	0
0	33	SCARBOROUGH PS - PUMP REPLC -2014 SC	4 CW	S3	03	-284	230	0	0	0	-54	0	-54	0	0	0	0	-54	0	0	0	0	0	-54
0	34	EGLINTON PS -PUMP REPLC -2014 SC	CW	S3	03	-1,182	650	0	0	0	-532	0	-532	0	0	0	0	-532	0	0	0	0	0	-532
0	35	TRANS FACILITIES REHAB - 2014 SC	CW	S3	03	17	150	0	0	0	167	0	167	0	0	0	0	167	0	0	0	0	0	167
0	36	RESERVOIR REHAB/WATER QUALITY PROTECTION	CW	S4	03	300	5,250	500	0	0	6,050	0	6,050	0	0	0	0	6,050	0	0	0	0	0	6,050
		Sub-total				3,265	6,425	1,025	250	4,400	15,365	26,600	41,965	0	0	127	0	41,490	0	0	348	0	0	41,965
WAT	906902	HARRIS W.T.P. R&R																						
0	2	BUILDING ENVELOPE REHAB	CW	S2	03	20	10	0	0	0	30	0	30	0	0	0	0	30	0	0	0	0	0	30
0	3	FACILITY & PROCESS UPGRADES	CW	S2	03	0	500	500	500	500	2,000	0	2,000	0	0	0	0	2,000	0	0	0	0	0	2,000
0	6	LIQUID CHEMICAL SYSTEM RELOCATION	N CW	S2	04	16	0	0	0	0	16	0	16	0	0	0	0	16	0	0	0	0	0	16
0	13	FILTER MEDIA REPLACEMENT PH2	CW	S2	03	350	350	0	0	150	850	300	1,150	0	0	0	0	1,150	0	0	0	0	0	1,150
0	15	OFFSHORE CHLORINATION REHAB	CW	S6	03	0	200	1,000	3,000	3,000	7,200	3,000	10,200	0	0	0	0	10,200	0	0	0	0	0	10,200
0	21	HVAC REHAB - CONSTRUCTION	CW	S2	03	1,059	1,000	1,000	0	0	3,059	0	3,059	0	0	0	0	3,059	0	0	0	0	0	3,059
0	22	TRAVELLING SCREEN REPLACEMENT	CW	S2	03	780	0	0	0	0	780	0	780	0	0	0	0	780	0	0	0	0	0	780
0	29	HARRIS FILTERS REHABILITATION	CW	S6	03	0	0	0	2,000	8,000	10,000	40,000	50,000	0	0	0	0	50,000	0	0	0	0	0	50,000
0	30	HARRIS DISINFECTION MODIFICATIONS	CW	S6	04	0	250	1,500	3,500	3,500	8,750	0	8,750	0	0	320	0	8,430	0	0	0	0	0	8,750
0	56	REHAB OF SETTLING BASIN ROOF & SLUICE GATES	CW	S2	03	2,396	2,200	2,020	0	0	6,616	0	6,616	0	0	0	0	6,616	0	0	0	0	0	6,616
0	65	FILTER MEDIA REPLACEMENT PH2 -2014 SC	4 CW	S3	03	-150	-150	150	0	-150	-300	-300	-600	0	0	0	0	-600	0	0	0	0	0	-600
0	66	FACILITY & PROCESS UPGRADES -2014 SC	CW	S3	03	500	0	-500	-500	-500	-1,000	0	-1,000	0	0	0	0	-1,000	0	0	0	0	0	-1,000
0	67	TRAVELLING SCREEN REPLACEMENT -2014 SC	CW	S3	03	320	0	0	0	0	320	0	320	0	0	0	0	320	0	0	0	0	0	320

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fut	ture Year	Cash Flo	w Commi	tments F	inanced I	Зу		
Sub Pric		ect No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recove Debt	rable	Total Financing
WAT	906902	HARRIS W.T.P. R&R																						
0	68	HVAC REHAB - CONSTRUCTION -2014 SC	CW	S3	03	-264	0	0	250	0	-14	0	-14	С	0	0	0	-14	0	0	0	0	0	-14
0	69	REHAB OF SETTLING BASIN ROOF&SLUICE GATES -2014 SC	CW	S3	03	1,024	6,000	2,500	0	0	9,524	0	9,524	С	0	0	0	9,524	0	0	0	0	0	9,524
0	70	FILTER MEDIA REPLACEMENT PH2	CW	S6	03	0	0	0	0	150	150	300	450	С	0	0	0	450	0	0	0	0	0	450
0	71	FACILITY & PROCESS UPGRADES	CW	S6	03	0	0	500	500	500	1,500	2,500	4,000	С	0	0	0	4,000	0	0	0	0	0	4,000
0	72	BUILDING ENVELOPE REHAB - 2014 SC	CW	S3	03	-10	0	0	0	0	-10	0	-10	С	0	0	0	-10	0	0	0	0	0	-10
0	73	LIQUID CHEMICAL SYSTEM RELOCATION - 2014 SC	I CW	S3	04	-8	0	0	0	0	-8	0	-8	С	0	0	0	-8	0	0	0	0	0	-8
		Sub-total				6,033	10,360	8,670	9,250	15,150	49,463	45,800	95,263	0	0	320	0	94,943	0	0	0	0	0	95,263
WAT	906903	FJ HORGAN W.T.P. R&R																						
0	5	FACILITY & PROCESS UPGRADES	CW	S2	03	614	500	500	500	500	2,614	2,000	4,614	C	0	0	0	4,614	0	0	0	0	0	4,614
0	8	RAW WATER PUMP UPGRADES	CW	S2	03	512	700	0	0	0	1,212	0	1,212	С	0	0	0	1,212	0	0	0	0	0	1,212
0	15	REPLACEMENT OF MCCS	CW	S2	03	1,450	2,265	2,360	725	0	6,800	0	6,800	С	0	0	0	6,800	0	0	0	0	0	6,800
0	16	ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT	CW	S2	03	534	2,500	1,950	0	0	4,984	0	4,984	С	0	0	0	4,984	0	0	0	0	0	4,984
0	26	FACILITY & PROCESS UPGRADES -2014 SC	CW	S3	03	244	444	-150	-500	-500	-462	-2,000	-2,462	С	0	0	0	-2,462	0	0	0	0	0	-2,462
0	27	REPLACEMENT OF MCCS -2014 SC	CW	S3	03	-1,150	-795	990	875	200	120	0	120	С	0	0	0	120	0	0	0	0	0	120
0	28	FACILITY & PROCESS UPGRADES	CW	S6	03	0	0	885	885	885	2,655	1,000	3,655	С	0	0	0	3,655	0	0	0	0	0	3,655
0	29	RAW WATER PUMP UPGRADES - 2014 SC	CW	S3	03	188	-160	0	0	0	28	0	28	С	0	0	0	28	0	0	0	0	0	28
0	30	ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT - 2014 SC	CW	S3	03	-484	-2,000	550	1,950	0	16	0	16	С	0	0	0	16	0	0	0	0	0	16
		Sub-total				1,908	3,454	7,085	4,435	1,085	17,967	1,000	18,967	0	0	0	0	18,967	0	0	0	0	0	18,967
WAT	906906	TRUNK WATERMAIN EXPANSION																						
0	2	JOS - D4 W/M ENGINEERING	CW	S3	05	10	0	0	0	0	10	0	10	С	0	0	0	10	0	0	0	0	0	10
0	13	CAST IRON T-M REPLACEMENT - PH1	CW	S2	03	40	0	0	0	0	40	0	40	С	0	0	0	40	0	0	0	0	0	40
0	25	JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG	CW	S2	05	702	400	400	0	0	1,502	0	1,502	С	0	357	0	803	0	0	342	0	0	1,502
0	38	JOS - Scar PS to St. Clair and Midland (CONST)	CW	S6	05	0	500	2,000	7,000	7,000	16,500	9,500	26,000	С	0	7,473	0	12,621	0	0	5,906	0	0	26,000
0	57	JOS-MT. PLEASANT WM-ENGINEERING	CW	S6	05	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

						[Curre	ent and Fu	ture Year	Cash Flov	v Commitm	nents			Curi	ent and Fu	ıture Year	Cash Flo	w Comm	tments F	inanced	Ву		
Sub Price			<u>oject Name</u> ıb-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal c	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
			ERMAIN EXPANSION												Cabolaloo	•								\Box	Ŭ
0	63	JOS WM SCA	AR PS TO ST AND -ENG -2014 SC	CW	S3	05	-102	200	150	400	0	648	0	648	0	0	672	0	-170	0	0	146	0	0	648
0	64	CAST IRON 1 2014 SC	T-M REPLACEMENT - PH1 -	CW	S3	03	-40	0	0	0	0	-40	0	-40	o	0	0	0	-40	0	0	0	0	0	-40
		S	Sub-total				610	1,100	2,550	7,400	7,000	18,660	9,500	28,160	0	0	8,502	0	13,264	0	0	6,394	0	0	28,160
WAT	Γ <u>906914</u>	SWITCH GEA	AR TRANSFORMER			ŀ																		\exists	
0	3	ARC FLASH	ANALYSIS	CW	S2	01	288	0	0	0	0	288	0	288	0	0	0	0	288	0	0	0	0	0	288
0	13	INDOOR/OUT Stations Phase	TDOOR SWITCHGEAR (5 se 3)	CW	S2	03	5,140	6,900	2,435	0	0	14,475	0	14,475	o	0	0	0	14,475	0	0	0	0	0	14,475
0	25	ARC FLASH	ANALYSIS -2014 SC	CW	S3	01	62	0	0	0	0	62	0	62	0	0	0	0	62	0	0	0	0	0	62
0	26	INDOOR/OU ⁻ Stations Ph3)	TDOOR SWITCHGEAR(5 -2014 SC	CW	S3	03	-4,465	-500	3,800	0	0	-1,165	0	-1,165	0	0	0	0	-1,165	0	0	0	0	0	-1,165
		8	Sub-total			Ī	1,025	6,400	6,235	0	0	13,660	0	13,660	0	0	0	0	13,660	0	0	0	0	0	13,660
WAT	Г <u>906917</u>	TRANSMISSI	ION OPERATIONS OPTIMIZE	<u> </u>		•																		\dashv	
0	8	TRANSMISSI OPTIMIZER	ION OPERATIONS	CW	S2	04	448	0	0	0	0	448	0	448	0	0	0	0	448	0	0	0	0	0	448
0	9	TRANSMISSI OPTIMIZER -	ION OPERATIONS 2014 SC	CW	S3	04	112	0	0	0	0	112	0	112	0	0	0	0	112	0	0	0	0	0	112
		8	Sub-total				560	0	0	0	0	560	0	560	0	0	0	0	560	0	0	0	0	0	560
WAT	<u>Г906918</u>	WATER SUS	TAINABILITY PROGRAM																						
0	1	WATER SUS	TAINABILITY PROGRAM	CW	S2	04	4,200	5,300	5,000	0	0	14,500	0	14,500	0	0	0	0	14,500	0	0	0	0	0	14,500
0	8	WATER SUS -2014 SC	TAINABILITY PROGRAM	CW	S3	04	-4,000	-2,550	-650	4,000	0	-3,200	0	-3,200	О	0	686	0	-3,886	0	0	0	0	0	-3,200
		S	Sub-total				200	2,750	4,350	4,000	0	11,300	0	11,300	0	0	686	0	10,614	0	0	0	0	0	11,300
WA7	<u>Г906919</u>	RL CLARK W	/.T.P. R&R			Ī																			
0	1	FACILITY & F	PROCESS UPGRADES	CW	S2	03	603	300	300	300	100	1,603	0	1,603	o	0	0	0	1,603	0	0	0	0	0	1,603
0	8	PROCESS EC	QUIPMENT UPGRADE IG	CW	S2	03	1,535	625	665	584	25	3,434	25	3,459	o	0	0	0	3,459	0	0	0	0	0	3,459
0	11		QUIPMENT UPGRADE FION - FUTURE	CW	S6	03	0	0	0	0	2,724	2,724	68,574	71,298	0	0	0	0	71,298	0	0	0	0	0	71,298
0	12	FACILITY & F FUTURE	PROCESS UPGRADES -	CW	S6	03	0	0	150	150	150	450	750	1,200	0	0	0	0	1,200	0	0	0	0	0	1,200
0	15	PROCESS ECCONSTRUCT	QUIPMENT UPGRADE FION	CW	S2	03	8,790	10,000	12,000	12,000	12,724	55,514	68,574	124,088	0	0	0	0	124,088	0	0	0	0	0	124,088
0	44	EVALUATION SYSTEMS	N & COMMUNICATION	CW	S2	03	1,140	125	0	0	0	1,265	0	1,265	o	0	0	0	1,265	0	0	0	0	0	1,265
0	49	PROCESS ECENGINEERIN	QUIPMENT UPGRADE NG -2014 SC	CW	S3	03	-280	0	0	0	0	-280	0	-280	0	0	194	0	-474	0	0	0	0	0	-280

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

					[Curre	nt and Fu	ture Year	Cash Flo	w Commitr	nents			Cur	rent and Fu	ture Year	Cash Flo	ow Commi	tments F	inanced E	у		
Sub Pric	-	ect No. Project Name Proj No. Sub-project Name V	Vard	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal I	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
WAT	906919	RL CLARK W.T.P. R&R																						
0	50	PROCESS EQUIPMENT UPGRADE CONSTRUCTION -2014 SC	CW	S3	03	-674	0	0	0	-2,724	-3,398	-68,574	-71,972	o	0	3,169	0	-75,141	0	0	0	0	0	-71,972
0	51	EVALUATION & COMMUNICATION SYSTEMS -2014 SC	CW	S3	03	-391	1,080	117	20	7	833	0	833	o	0	0	0	833	0	0	0	0	0	833
0	52	FACILITY & PROCESS UPGRADES - 2014 SC	CW	S3	03	-303	-130	-300	-300	-100	-1,133	0	-1,133	0	0	0	0	-1,133	0	0	0	0	0	-1,133
		Sub-total				10,420	12,000	12,932	12,754	12,906	61,012	69,349	130,361	0	0	3,363	0	126,998	0	0	0	0	0	130,361
WA1	906930	DIST W/M REPLACEMENT			İ																			
0	4	10Yr Watermain Replacement	CW	S6	03	0	34,750	55,620	59,630	84,000	234,000	507,000	741,000	0	0	69,134	0	671,866	0	0	0	0	0	741,000
0	15	W/M REPLACEMENT - STAND ALONE	CW	S2	03	14,924	0	0	0	0	14,924	0	14,924	0	0	0	0	14,924	0	0	0	0	0	14,924
0	29	DIST W/M REPLACEMENT - 2012	CW	S2	03	4,732	0	0	0	0	4,732	0	4,732	0	0	0	0	4,732	0	0	0	0	0	4,732
0	39	DIST W/M REPLACEMENT 2013	CW	S2	03	11,083	0	0	0	0	11,083	0	11,083	0	0	0	0	11,083	0	0	0	0	0	11,083
0	41	WATERMAIN UPGRADES	CW	S2	05	1,035	0	0	0	0	1,035	0	1,035	0	0	613	0	422	0	0	0	0	0	1,035
0	42	10 YEAR WATERMAIN UPGRADES	CW	S6	05	0	6,700	12,000	12,000	12,000	42,700	76,000	118,700	O	0	22,158	0	96,542	0	0	0	0	0	118,700
0	50	DIST W/M REPLACEMENT 2013 - 2014 SC	CW	S3	03	-6,150	4,450	0	0	0	-1,700	0	-1,700	0	0	0	0	-1,700	0	0	0	0	0	-1,700
0	51	DIST WM REPLACMENT - 2014	CW	S4	03	19,719	10,482	2,000	0	0	32,201	0	32,201	0	0	0	0	32,201	0	0	0	0	0	32,201
0	52	WATERMAIN UPGRADES - 2014	CW	S4	05	5,407	3,990	1,000	0	0	10,397	0	10,397	0	0	0	0	10,397	0	0	0	0	0	10,397
0	53	W/M REPLACEMENT - STAND ALONE -2014 SC	CW	S3	03	-6,045	6,936	0	0	0	891	0	891	O	0	0	0	891	0	0	0	0	0	891
0	54	WATERMAIN UPGRADES -2014 SC	CW	S3	05	3,121	2,000	0	0	0	5,121	0	5,121	0	0	-613	0	5,734	0	0	0	0	0	5,121
0	55	WATERMAIN REPLACEMENT - METROLINX	CW	S4	03	25	600	600	1,000	875	3,100	0	3,100	0	0	0	0	3,100	0	0	0	0	0	3,100
0	56	DIST W/M REPLACEMENT - 2012 - 2014 SC	CW	S3	03	-2,888	3,125	0	0	0	237	0	237	0	0	0	0	237	0	0	0	0	0	237
		Sub-total				44,963	73,033	71,220	72,630	96,875	358,721	583,000	941,721	0	0	91,292	0	850,429	0	0	0	0	0	941,721
WA7	906932	DIST W/M REHABILITATION												İ									T	
0	1	WATERMAIN CLEANING &LINING	CW	S2	04	200	0	0	0	0	200	0	200	o	0	0	0	200	0	0	0	0	0	200
0	3	10 Year Watermain Rehabilitation	CW	S6	03	0	0	1,500	23,700	45,200	70,400	299,300	369,700	o	0	0	0	369,700	0	0	0	0	0	369,700
0	4	Hydrant & Valve Repair	CW	S2	03	645	0	0	0	0	645	0	645	o	0	0	0	645	0	0	0	0	0	645
0	5	CUT REPAIRS - 2014 SC	CW	S3	03	1,994	4,371	0	0	0	6,365	0	6,365	0	0	0	0	6,365	0	0	0	0	0	6,365

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

SET MATERIAM STRUCTURAL NATION CM S2 03 17.599 0 0 0 17.599 0 0 0 17.599 0 0 0 17.599 0 0 17.599 0 0 17.599 0 0 0 17.599 0 0 0 17.599 0 0 0 17.599 0 0 0 17.599 0 0 0 17.599 0 0 0 17.599 0 0 0 0 0 0 0 0 0					[Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Yea	Cash Flo	w Commi	tments F	inanced	Ву		
National Control National Co	PrioritySu	ubProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018				Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds		Other 1	Other2			Total Financing
Note Control	WAT90693	2 DIST W/M REHABILITATION																						
1	0 6	WATERMAIN STRUCTURAL LINING	CW	S2	03	17,559	0	0	0	0	17,559	0	17,559	0	0	0	0	17,559	0	0	0	0	0	17,559
	0 7	CATHODIC PROTECTION	CW	S2	03	5,244	0	0	0	0	5,244	0	5,244	0	0	0	0	5,244	0	0	0	0	0	5,244
1 1 1 1 1 1 1 1 1 1	0 30	CUT REPAIRS	CW	S2	03	2,250	0	0	0	0	2,250	0	2,250	0	0	0	0	2,250	0	0	0	0	0	2,250
10 10 10 10 10 10 10 10	0 34	CUT REPAIRS- FUTURE YEAR	CW	S6	03	0	0	4,502	4,637	4,776	13,915	26,118	40,033	0	0	0	0	40,033	0	0	0	0	0	40,033
SC ALLODIC PROTECTION -2014 SC CW S3 03 -1,209 3,500 3,500 3,500 0 9,291 0 9,291 0 0 0 9,291 0 0 0 9,291 0 0 0 0 9,291 0 0 0 0 9,291 0 0 0 0 9,291 0 0 0 0 0 9,291 0 0 0 0 0 9,291 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 38	Hydrant & Valve Repair -2014 SC	CW	S3	03	355	1,000	1,000	1,000	0	3,355	0	3,355	o	0	0	0	3,355	0	0	0	0	0	3,355
National School	0 39		14 CW	S3	03	13,697	31,500	35,000	30,500	0	110,697	0	110,697	o	0	0	0	110,697	0	0	0	0	0	110,697
Scale Sub-local Sub-loca	0 40	CATHODIC PROTECTION -2014 SC	CW	S3	03	-1,209	3,500	3,500	3,500	0	9,291	0	9,291	o	0	0	0	9,291	0	0	0	0	0	9,291
Name Name	0 41		4 CW	S3	04	-56	0	0	0	0	-56	0	-56	o	0	0	0	-56	0	0	0	0	0	-56
0 4 10 YR ALL DIST WSR - LEAD		Sub-total			Ì	40,679	40,371	45,502	63,337	49,976	239,865	325,418	565,283	0	0	0	0	565,283	0	0	0	0	0	565,283
0 6 10Yr All Dist WSR - SOGR	WAT90693	4 DIST WATER SERVICE REPAIR			Ì																			
ALL DISTRICT WSR - LEAD	0 4	10 YR ALL DIST WSR - LEAD	CW	S6	02	0	0	0	0	9,835	9,835	53,779	63,614	О	0	0	0	63,614	0	0	0	0	0	63,614
REPLACEMENT 0 20 WATER SERVICE REPAIR - STAND CW \$2 02 514 0 0 0 0 514 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 514 0 0 0 0 0 514 0 0 0 0 0 514 0 0 0 0 0 514 0 0 0 0 0 514 0 0 0 0 0 514 0 0 0 0 0 514 0 0 0 0 0 514 0 0 0 0 0 0 514 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 6	10Yr All Dist WSR - SOGR	CW	S6	02	0	0	5,665	5,835	6,010	17,510	32,046	49,556	0	0	0	0	49,556	0	0	0	0	0	49,556
ALONE 0 32 WSR CUT REPAIRS CW S2 03 2,170 0 0 0 2,170 0 0 2,170 0 0 0 0 2,170 0 0 0 0 0 2,170 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 12		CW	S2	02	10,000	1,989	0	0	0	11,989	0	11,989	o	0	0	0	11,989	0	0	0	0	0	11,989
0 41 2013 WATER SERVICE REPLACMENT CW S2 02 1,834 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 1,834 0 0 0 0 0 0 1,834 0 0 0 0 0 0 0 0 1,834 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 20		CW	S2	02	514	0	0	0	0	514	0	514	O	0	0	0	514	0	0	0	0	0	514
-SOGR 0 45 WSR CUT REPAIRS - FUTURE	0 32	WSR CUT REPAIRS	CW	S2	03	2,170	0	0	0	0	2,170	0	2,170	0	0	0	0	2,170	0	0	0	0	0	2,170
0 52 2014 WATER SERVICE REPLACEMENT - CW S4 02 3,000 5,000 0 0 0 8,000 0 0 0 0 0 0 8,000 0 0 0	0 41		CW	S2	02	1,834	0	0	0	0	1,834	0	1,834	0	0	0	0	1,834	0	0	0	0	0	1,834
SOGR 0 53 ALL DISTRICT WSR - LEAD	0 45	WSR CUT REPAIRS - FUTURE	CW	S6	03	0	0	2,251	2,319	2,388	6,958	13,061	20,019	0	0	0	0	20,019	0	0	0	0	0	20,019
REPLACEMENT -2014 SC 0 54 WATER SERVICE REPAIR - STAND CW S3 02 918 0 0 0 918 0 918 0 0 918 0 0 0 918 0 0 0 0 918 0 0 0 918 0 0 0 0 918 0 0 0 0 918 0 0 0 0 918 0 0 0 0 918 0 0 0 0 918 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 52		- CW	S4	02	3,000	5,000	0	0	0	8,000	0	8,000	0	0	0	0	8,000	0	0	0	0	0	8,000
ALONE -2014 SC 0 55 WSR CUT REPAIRS - 2014 SC CW S3 03 -48 2,186 0 0 0 2,138 0 0 0 0 0 2,138 0 0 0 0 0 2,138 0 56 2012 WATER SERVICE REPLACEMENT - CW S3 02 84 50 0 0 0 134 0 0 0 0 134 0 0 0 0 134 0 57 2013 WATER SERVICE REPLACMENT CW S3 02 -207 2,550 0 0 0 2,343 0 2,343 0 0 0 0 0 2,343 0 0 0 0 0 2,343	0 53		CW	S3	02	-116	7,850	9,250	9,250	0	26,234	0	26,234	o	0	0	0	26,234	0	0	0	0	0	26,234
0 56 2012 WATER SERVICE REPLACEMENT - CW S3 02 84 50 0 0 0 134 0 0 0 0 0 134 0 0 0 0 0 134 0 0 0 0 134 0 0 0 0 134 0 0 0 0 0 134 0 0 0 0 0 134 0 0 0 0 0 0 134 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 54		CW	S3	02	918	0	0	0	0	918	0	918	O	0	0	0	918	0	0	0	0	0	918
2014 SC 0 57 2013 WATER SERVICE REPLACMENT CW S3 02 -207 2,550 0 0 0 2,343 0 0 0 0 0 2,343 0 0 0 0 0 2,343	0 55	WSR CUT REPAIRS - 2014 SC	CW	S3	03	-48	2,186	0	0	0	2,138	0	2,138	0	0	0	0	2,138	0	0	0	0	0	2,138
-SOGR - 2014 SC	0 56		- CW	S3	02	84	50	0	0	0	134	0	134	0	0	0	0	134	0	0	0	0	0	134
Sub-total 18,149 19,625 17,166 17,404 18,233 90,577 98,886 189,463 0 0 0 0 189,463 0 0 0 0 189,463	0 57		CW	S3	02	-207	2,550	0	0	0	2,343	0	2,343	0	0	0	0	2,343	0	0	0	0	0	2,343
		Sub-total				18,149	19,625	17,166	17,404	18,233	90,577	98,886	189,463	0	0	0	0	189,463	0	0	0	0	0	189,463

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fut	ure Year	Cash Flo	w Commi	tments F	inanced E	Ву		
Sub- Prior		ct No. Project Name roj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recove Debt		Total Financing
WATS	06935 N	NEW SERVICE CONNECTIONS																						
0		NEW SERVICE CONNECTIONS - CUT	CW	S2	05	3,500	0	0	0	0	3,500	0	3,500	С	0	0	0	3,500	0	0	0	0	0	3,500
0		NEW SERVICE CONNECTIONS - SITE SERVICING	CW	S2	05	14,000	4,000	0	0	0	18,000	0	18,000	С	0	0	0	18,000	0	0	0	0	0	18,000
0		0 YEAR WATER SERVICES CONNECTIONS	CW	S6	05	0	0	14,000	14,000	14,000	42,000	70,000	112,000	С	0	0	0	112,000	0	0	0	0	0	112,000
0		NEW SERVICE CONNECTIONS - CUT REPAIRS - FUTURE	CW	S6	05	0	0	3,500	3,500	3,500	10,500	17,500	28,000	C	0	0	0	28,000	0	0	0	0	0	28,000
0		NEW SERVICE CONNECTIONS - CUT REPAIRS -2014 SC	CW	S3	05	0	3,500	0	0	0	3,500	0	3,500	C	0	0	0	3,500	0	0	0	0	0	3,500
0		NEW SERVICE CONNECTIONS - SITE SERVICING - 2014 SC	CW	S3	05	0	10,000	0	0	0	10,000	0	10,000	С	0	0	0	10,000	0	0	0	0	0	10,000
		Sub-total				17,500	17,500	17,500	17,500	17,500	87,500	87,500	175,000	0	0	0	0	175,000	0	0	0	0	0	175,000
WATS	06951 E	ENGINEERING			1																			
0	1 F	ROAD RESTORATION - 2014 SC	CW	S3	03	5,198	0	0	0	0	5,198	0	5,198	C	0	0	0	5,198	0	0	0	0	0	5,198
0	2 (CONSULTING FEES	CW	S2	03	5,834	9,000	0	0	0	14,834	0	14,834	C	0	0	0	14,834	0	0	0	0	0	14,834
0	5 1	0 YEAR ENGINEERING	CW	S6	03	0	25,623	26,892	27,684	28,499	108,698	175,611	284,309	С	0	0	0	284,309	0	0	0	0	0	284,309
0	37 8	SALARIES: LEGAL SALARIES - 2014 SC	CW	S3	03	188	0	0	0	0	188	0	188	С	0	0	0	188	0	0	0	0	0	188
0	45 E	ECS SALARIES	CW	S4	03	12,033	0	0	0	0	12,033	0	12,033	C	0	0	0	12,033	0	0	0	0	0	12,033
0		SALARIES: DISTRICT OPERATIONS - 201 SC	4 CW	S3	03	623	0	0	0	0	623	0	623	С	0	0	0	623	0	0	0	0	0	623
0	49 F	ROAD RESTORATION - FUTURE	CW	S6	03	0	5,354	5,515	0	0	10,869	0	10,869	C	0	0	0	10,869	0	0	0	0	0	10,869
0	50 (CONSULTING FEES -2014 SC	CW	S3	03	-2,618	-5,025	6,687	5,912	5,445	10,401	9,176	19,577	C	0	0	0	19,577	0	0	0	0	0	19,577
		Sub-total				21,258	34,952	39,094	33,596	33,944	162,844	184,787	347,631	0	0	0	0	347,631	0	0	0	0	0	347,631
WATS	06977 <u>I</u>	SLAND W.T.P. R&R																						
0	1 F	FACILITY & PROCESS UPGRADES	CW	S2	03	491	375	375	0	0	1,241	0	1,241	С	0	0	0	1,241	0	0	0	0	0	1,241
0	7 F	FILTER MEDIA REPLC	CW	S2	03	75	150	0	150	0	375	300	675	С	0	0	0	675	0	0	0	0	0	675
0	12 F	FACILITY UPGRADE	CW	S4	03	300	1,600	1,100	0	0	3,000	0	3,000	С	0	0	0	3,000	0	0	0	0	0	3,000
0	18 \	ALVE CHAMBER UPGRADES	CW	S2	03	100	0	0	0	0	100	0	100	С	0	0	0	100	0	0	0	0	0	100
0	20	ISLAND SBS CONVERSION	CW	S2	04	44	0	0	0	0	44	0	44	C	0	0	0	44	0	0	0	0	0	44
0	25 I	SLAND FILTER AIR SCOUR SYSTEM	CW	S2	04	850	0	0	0	0	850	0	850	C	0	0	0	850	0	0	0	0	0	850

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

		9																							
								Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cui	rent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
<u>Su</u> Pri		oject No. Project Name bProj No. Sub-project Name	W	ard S	Stat. C	at. 201	4 2	015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Debt		Total Financing
WA	Г906977	7 ISLAND W.T.P. R&R																							
0	32	TRAVELLING SCREEN REPLACEM	MENT	CW	S6	03	0	560	1,150	290	0	2,000	0	2,000	C	0	0	0	2,000	0	0	0	0	0	2,000
0	33	ISLAND SEAWALL REHABILITATION	ON	CW	S2	03 1,	336	0	0	0	0	1,336	0	1,336	c	0	0	0	1,336	0	0	0	0	0	1,336
0	44	ISLAND ENWAVE/RETROFIT PRO	JECT	CW	S2	04 1,	100	0	0	0	0	1,100	0	1,100	c	0	0	0	1,100	0) 0	0	0	0	1,100
0	50	AMMONIA AND FLOURIDE SYSTE UPGRADES	М	CW	S4	03	75	890	1,285	0	0	2,250	0	2,250	c	0	0	0	2,250	0	0	0	0	0	2,250
0	51	CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION		CW	S4	03	55	465	0	0	0	520	0	520	C	0	0	0	520	0	0	0	0	0	520
0	52	CONDITION ASSESSMENT & REH. RAW WATER WETWELL	AB OF	CW	S4	03	100	0	0	0	0	100	0	100	C	0	0	0	100	0	0	0	0	0	100
0	53	FACILITY & PROCESS UPGRADES FUTURE	S -	CW	S6	03	0	0	375	375	375	1,125	1,875	3,000	C	0	0	0	3,000	0	0	0	0	0	3,000
0	54	FILTER MEDIA REPLC - FUTURE		CW	S6	03	0	0	150	0	150	300	300	600	C	0	0	0	600	0	0	0	0	0	600
0	55	FILTER MEDIA REPLC - 2014 SC		CW	S3	03	0	-150	0	-150	0	-300	-300	-600	c	0 0	0	0	-600	0	0	0	0	0	-600
0	56	VALVE CHAMBER UPGRADES - 20	014 SC	CW	S3	- 03	100	0	0	0	0	-100	0	-100	C	0	0	0	-100	0) 0	0	0	0	-100
0	57	ISLAND SBS CONVERSION - 2014	4 SC	CW	S3	04	6	0	0	0	0	6	0	6	c) 0	0	0	6	0) 0	0	0	0	6
0	58	FACILITY & PROCESS UPGRADES SC	6 - 2014	CW	S3	03	507	227	-149	0	0	585	0	585	c) 0	0	0	585	0	0	0	0	0	585
0	59	ISLAND SEAWALL REHABILITATION 2014 SC	ON -	CW	S3	- 03	316	0	0	0	0	-616	0	-616	c	0	0	0	-616	0	0	0	0	0	-616
0	60	ISLAND FILTER AIR SCOUR SYST 2014 SC	EM -	CW	S3	04	0	500	0	0	0	500	0	500	c	0 0	82	0	418	0	0	0	0	0	500
0	61	ISLAND ENWAVE/RETROFIT PRO- 2014 SC	JECT -	CW	S3	04 -	926	260	350	0	0	-316	0	-316	c) 0	0	0	-316	0	0	0	0	0	-316
		Sub-total				3,	397	4,877	4,636	665	525	14,100	2,175	16,275	0	O	82	0	16,193	0) 0	C	0	0	16,275
WA	Г906979	9 D2/D4 TRUNK WATERMAIN UPGR	ADES																						
0	4	JOS - NEILSON (ELLESMERE-SHE WM CONSTRUCTION	PPARD)	CW	S2	05 1,	170	0	0	0	0	1,170	0	1,170	C	0	157	0	583	0	0	430	0	0	1,170
0	7	Ellesmere WM (Markham to Neilson) ENG	CW	S2	05	0	0	0	0	100	100	1,070	1,170	C	0	156	0	352	0	0	662	0	0	1,170
0	8	ELLESMERE WM (MARKHAM TO NEILSON) CONST		CW	S6	05	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0
0	9	EASTMALL W-M ENGINEERING		CW	S6	05	0	0	0	0	0	0	0	0	C	0	0	0	0	0	0	0	0	0	0
0	10	EASTMALL CAST IRON WM CONSTRUCTION		CW	S6	05	0	0	0	0	0	0	0	0	C) 0	0	0	0	0) 0	0	0	0	0
0	11	JOS - VICTORIA PARK WM CONSTRUCTION		CW	S6	05	0	0	0	0	0	0	52,000	52,000	c) 0	15,005	0	27,972	0) 0	9,023	0	0	52,000
0	26	JOS VICTORIA PARK WM - ENGIN	EERING	CW	S6	05	0	0	0	0	300	300	2,325	2,625	C	0	756	0	1,869	0	0	0	0	0	2,625
4																									

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

	grain																						
						Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commi	tments F	inanced I	Зу		
-		Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Recover	able	Total Financing
-	<u> </u>													-								T	
		CW	S3	05	130	0	0	0	0	130	0	130	0	0	191	0	-110	0	0	49	0	0	130
		CW	S3	05	0	0	0	0	-100	-100	-1,070	-1,170	0	0	-156	0	-352	0	0	-662	0	0	-1,170
	Sub-total				1,300	0	0	0	300	1,600	54,325	55,925	0	0	16,109	0	30,314	0	0	9,502	0	0	55,925
907135 <u>E</u>	BAYVIEW TRUNK WATERMAIN - PH2																						
1 .	IOS - MT- PLEASANT WM - CONST	CW	S2	05	0	0	0	0	1,000	1,000	80,000	81,000	0	0	502	0	1,287	0	0	79,211	0	0	81,000
5 H	HPEC W-M - BAYVIEW TO KEELE	CW	S6	05	0	0	400	100	400	900	8,000	8,900	0	0	3,321	0	5,579	0	0	0	0	0	8,900
		4 CW	S3	05	0	0	0	0	-1,000	-1,000	-80,000	-81,000	0	0	-502	0	-1,287	0	0	-79,211	0	0	-81,000
	Sub-total				0	0	400	100	400	900	8,000	8,900	0	0	3,321	0	5,579	0	0	0	0	0	8,900
907353 <u>I</u>	AWRENCE ALLAN REVITALIZATION PL	<u>AN</u>																					
		CW	S2	05	0	3,668	3,354	12,641	2,127	21,790	3,531	25,321	0	0	0	0	25,321	0	0	0	0	0	25,321
		CW	S2	05	0	2,803	0	5,437	0	8,240	0	8,240	0	0	3,461	0	4,779	0	0	0	0	0	8,240
F	REVITALIZATION-EXTERNAL -2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	0	0	4,779	0	-4,779	0	0	0	0	0	0
	PLAN-INTER - 2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	0		.,,,,,	0	,	0	0	0	0	0	0
	Sub-total				0	6,471	3,354	18,078	2,127	30,030	3,531	33,561	0	0	13,108	0	20,453	0	0	0	0	0	33,561
907558 <u>F</u>	REGENT PARK CAPITAL CONTRIBUTION	<u>1</u>																					
1 F	REGENT PARK CAPITAL CONTRIBUTION	N 28	S2	05	0	859	330	132	745	2,066	984	3,050	0	0	0	0	3,050	0	0	0	0	0	3,050
		4 CM	S3	05	0	0	0	0	0	0	162	162		0		0		0	0	0	0	0	162
	Sub-total				0	859	330	132	745	2,066	1,146	3,212	0	0	3,212	0	0	0	0	0	0	0	3,212
907946 E	BUSINESS IT PROJECTS																						
1 E	BUSINESS INTELLIGENCE INITIATIVES	CW	S2	04	425	0	0	0	0	425	0	425	0	0	0	0	425	0	0	0	0	0	425
2 E	BACKFLOW INSPECTION PORTAL	CW	S2	04	250	200	0	0	0	450	0	450	0	0	0	0	450	0	0	0	0	0	450
3 [DISASTER RECOVERY - DRP - 2014 SC	CW	S3	04	121	0	0	0	0	121	0	121	0	0	0	0	121	0	0	0	0	0	121
4 E	EDOCS	CW	S2	04	50	0	0	0	0	50	0	50	0	0	0	0	50	0	0	0	0	0	50
		CW	S3	04	-250	-200	200	200	0	-50	0	-50	0	0	0	0	-50	0	0	0	0	0	-50
6 E	EDOCS -2014 SC	CW	S3	04	100	0	0	0	0	100	0	100	0	0	0	0	100	0	0	0	0	0	100
	ritySubP 906979	-NEILSON(ELLESMERE-SHEPPARD)WM 30 Ellesmere WM (Markham to Neilson) ENG -2014 SC Sub-total 907135 BAYVIEW TRUNK WATERMAIN - PH2 1 JOS - MT - PLEASANT WM - CONST 5 HPEC W-M - BAYVIEW TO KEELE 8 JOS - MT - PLEASANT WM - CONST - 2014 SC Sub-total 907353 LAWRENCE ALLAN REVITALIZATION PL 1 LAWRENCE ALLAN REVITALIZATION PLAN-INFRASTURCTURE 2 LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL SEWER 4 LAWRENCE ALLAN REVITALIZATION PLAN-EXTERNAL SEWER 5 LAWRENCE ALLAN REVITALIZATION PLAN-INTER - 2014 SC Sub-total 907558 REGENT PARK CAPITAL CONTRIBUTION 1 REGENT PARK CAPITAL CONTRIBUTION 8 REGENT PARK CAPITAL CONTRIBUTION - 2014 SC Sub-total 907946 BUSINESS IT PROJECTS 1 BUSINESS INTELLIGENCE INITIATIVES 2 BACKFLOW INSPECTION PORTAL 3 DISASTER RECOVERY - DRP - 2014 SC 4 EDOCS 5 BACKFLOW INSPECTION PORTAL - 2014 SC	ritySubProj No. Sub-project Name Ward 906979 D2/D4 TRUNK WATERMAIN UPGRADES 29 JOS	virtySubProj No. Sub-project Name Ward Stat. 906979 D2/D4 TRUNK WATERMAIN UPGRADES 29 JOS	### Price	ritySubProj No. Sub-project Name Ward Stat. Cat. 2014 906979 D2/D4 TRUNK WATERMAIN UPGRADES 29 JOS	Project No. Project Name Ward Stat. Cat. 2014 2015	Project No. Project Name Ward Stat. Cat. 2014 2015 2016	E. Project No. Project Name rifySubProj No. Sub-project Name Ward Stat. Cat. 2014 2015 2016 2017 308979 DZD4 TRUNK WATERMAIN UPGRADES 29 JOS	E. Project No. Project Name ritySubProj No. Sub-project Name	E. Project Name eritySubProj No. Sub-project Name	THYSUB-Proj No. Sub-project Name Ward Stat. Cat. 2014 2015 2016 2017 2018 2014-2018 2099-2023 2009379 20204 TRUNK WATERMAN UPGRADES 29 JOS SUB-PROJECT NO. 2014 SC 201	Project No. Project Name Ward Stat. Cat. 2014 2015 2016 2017 2018 2014-2018 2014-2023 2014	Project No. Project Name	E PRIJECT No. Project Name rity/SubProj No. Sub-project Name REPUTALISAN MATERIAN LIFERABLES 2	E Project No. Project Name Ward Stat. Cat. 2014 2015 2016 2017 2018 2017 2018 2016 2017 2018 2016 2018 2016 2017 2018 2016 2017 2018 2016 2016 2016 2016 2016 2016 2016 2017 2018 2016 2016 2016 2016 2017 2018 2016 2016 2016 2016 2017 2018 2016 2016 2016 2016 2017 2018 2016 2016 2016 2017 2018 2016 2016 2016 2017 2018 2016 2016 2016 2017 2018 2016 2016 2017 2018 2016 2017 2018 2016 2016 2017 2018 2016 2017 2018 2016 2016 2017 2018 2016 2017 2018 2016 2017 2018 2016 2016 2017 2018 2016 2017 2018 2016 2017 2018 2016 2017 2018 2016 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2016 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 2018 2017 201	E. PRIBECT No. Encient Name Ward Start. Cat. 2014 2015 2016 2017 2018 2017 2018 2	Property No. Property No. Property No. Property No. Sub-project Name Ward Fall Call 2014 2015 2016 2017 2018 2014 2019	Proposed Name Proposed Name Ward State Cate 2014 2015 2016 2017 2018 2014 2015 2018 2017 2018 2014 2015 2018 2014 2015 2018 2014 2015 2018 2014 2015 2018 2019	Property Property	Part Part	Property Property	Property Property

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curr	ent and Fι	ıture Year	Cash Flov	w Commitn	nents			Cu	rrent and F	uture Year	r Cash Flo	w Comm	itments	Financed	Ву		
Sub- Priori		Project Name Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	t Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Red	Debt - coverable	Total Financing
WAT9	07946 BUSINES	SS IT PROJECTS																						
0		RISE WORK MANAGEMENT PROJECT	CW	S4	04	875	1,175	1,225	975	975	5,225	0	5,225	0	(0 0	0	5,225	0	(0	0	0	5,225
0	8 BUSINES 2014 SC	SS INTELLIGENCE INITIATIVES -	CW	S3	04	-150	280	0	0	0	130	0	130	0	(0 0	0	130	0	(0	0	0	130
0	9 DISASTE	ER RECOVERY	CW	S2	04	84	0	0	0	0	84	0	84	O	() (0	84	0	(0	0	0	84
		Sub-total				1,505	1,455	1,425	1,175	975	6,535	0	6,535	0	(0 0	0	6,535	0	() () (0	6,535
WAT0	00426 TASTE A	ND ODOUR MANAGEMENT																						
0	1 TASTE A	AND ODOUR MANAGEMENT	CW	S6	04	0	0	0	0	0	0	12,500	12,500	o	(o 0	0	12,500	0	(0	0	0	12,500
		Sub-total				0	0	0	0	0	0	12,500	12,500	0	(0	0	12,500	0	() () (0	12,500
Tot	al Program	Expenditure				264,998	333,103	319,966	302,375	295,523	1,515,965	1,591,867	3,107,832	0	(0 189,484	0	2,848,000	0	(70,348	3 (0	3,107,832

Oct-24-2013 18:37:34

Page 15 of 15

Report 7C

Report Phase 2 - Program 10 Water Program 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)

Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

	C	current and	Future Ye	ar Cash Fl	ow Comn	nitments a	nd Estimate	s		Curren	t and Future Year	Cash Flow (Commitme	nts and	Estimates	Finance	ed By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name Ward Stat. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal D Subsidy	evelopment Charges Reser	Reserve res Funds		Other 1	Other2	Re	Debt - ecoverable	Total Financing
Financed By:																		
Development Charges	7,715	19,760	16,893	25,184	22,167	91,719	97,765	189,484	0	0	189,484	0 () () (0 0	0	0	189,484
Reserve Funds (Ind."XR" Ref.)	241,320	301,073	294,200	269,386	265,761	1,371,740	1,476,260	2,848,000	0	0	0	0 2,848,000) 0) (0 0	0	0	2,848,000
Other2 (External)	15,963	12,270	8,873	7,805	7,595	52,506	17,842	70,348	0	0	0	0 () () (70,348	0	0	70,348
Total Program Financing	264,998	333,103	319,966	302,375	295,523	1,515,965	1,591,867	3,107,832	0	0	189,484	0 2,848,000) () (70,348	0	0	3,107,832

Status (Code	Descript	J	O

S2 Prior Year (With 2014 and\or Future Year Cashflow)

S3 Prior Year - Change of Scope 2014 and\or Future Year Cost\Cashflow)

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

S2 S3 S4 S5 S5 New (On-going or Phased Projects)

S6 S6 New - Future Year (Commencing in 2015 & Beyond)

Category Code Description

Health and Safety C01 02 Legislated C02

03 State of Good Repair C03

Service Improvement and Enhancement C04

05 Growth Related C05

06 Reserved Category 1 C06

Reserved Category 2 C07

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

Wastewater Program	
--------------------	--

							Curre	ent and Fu	ture Year	Cash Flov	v Commitn	nents			Cu	rrent and Fu	ture Year	Cash Flo	w Commit	ments F	inanced	Ву		
<u>Sub</u> Prio		<u>ject No. Project Name</u> Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt	- able	Total Financing
WAS	00007	ASHBRIDGES BAY WWTP REHAB																						
0	17	STANDBY POWER GENERATION	CW	S2	04	7,009	4,400	55	15	0	11,479	0	11,479	0) (344	0	11,135	0	0	0	0	0	11,479
0	19	FERROUS UPGRADES	CW	S2	03	1,920	4,700	1,750	120	0	8,490	0	8,490	0) (256	0	8,234	0	0	0	0	0	8,490
0	30	ELECTRICAL REHAB	CW	S2	01	9,073	5,620	0	0	0	14,693	0	14,693	0) (0	0	14,693	0	0	0	0	0	14,693
0	41	POLYMER UPGRADE	CW	S2	03	1,410	4,100	3,750	800	60	10,120	0	10,120	0) (0	0	10,120	0	0	0	0	0	10,120
0	46	Rehab of Grounds and Buildings	CW	S2	03	658	5	0	0	0	663	0	663	0) (0	0	663	0	0	0	0	0	663
0	47	PT ENGINEERING DESIGN & CONTRACT ADMIN	CW	S2	03	1,320	1,100	1,000	750	250	4,420	49	4,469	0) (134	0	4,335	0	0	0	0	0	4,469
0	49	PROCESS UPGRADES AND ODOUR CONTROL ENGINEERING		S2	04	1,424	300	87	0	0	1,811	0	1,811	0			0	1,756	0	0		0	0	1,811
0	189	PROCESS AND EQUIPMENT		S2	03	4,460	2,840	0	0	0	7,300	0	,	0			0	ŕ	0	0		0	0	7,300
0	190	FACILITY AND GROUNDS		S2	03	4,403	3,267	0	0	0	7,670	0	7,670	0			0		0	0		0	0	7,670
0	200	PROCESS AND FACILITIES -FUTURE	CW	S6	03	0	0	2,510	3,010	3,510	9,030	20,570	29,600	0) (0	0	29,600	0	0	0	0	0	29,600
0	206	STANDBY POWER GENERATION -2014 SC	CW	S3	04	-2,109	-327	-50	0	0	-2,486	0	-2,486	0) (379	0	-2,865	0	0	0	0	0	-2,486
0	207	PT ENGINEERING DESIGN & CONTRACT ADMIN -2014 SC	CW	S3	03	690	1,110	1,084	238	635	3,757	250	4,007	0) (549	0	3,458	0	0	0	0	0	4,007
0	208	ELECTRICAL REHAB -ECAP -2014 SC	CW	S3	01	-6,944	554	6,025	2,105	421	2,161	0	2,161	0) (0	0	2,161	0	0	0	0	0	2,161
0	209	Rehab of Grounds and Buildings -2014 SC	CW	S3	03	-79	20	0	0	0	-59	0	-59	0) (0	0	-59	0	0	0	0	0	-59
0	210	PROCESS UPGRADES & ODOUR CONTROL ENG -2014 SC	CW	S3	04	-114	700	323	34	0	943	0	943	0) (166	0	777	0	0	0	0	0	943
0	211	FERROUS UPGRADES -2014 SC	CW	S3	03	-1,320	-4,225	4,322	6,580	3,185	8,542	255	8,797	0) (1,143	0	7,654	0	0	0	0	0	8,797
0	212	PROCESS AND EQUIPMENT -2014 SC	CW	S3	03	-2,360	30	3,610	4,004	4	5,288	0	5,288	0) (0	0	5,288	0	0	0	0	0	5,288
0	213	FACILITY AND GROUNDS -2014 SC	CW	S3	03	-2,907	-1,302	2,002	0	0	-2,207	0	-2,207	0) (0	0	-2,207	0	0	0	0	0	-2,207
0	214	POLYMER UPGRADE -2014 SC	CW	S3	03	-850	-3,540	-2,950	9,100	12,140	13,900	12,380	26,280	0) (0	0	26,280	0	0	0	0	0	26,280
0	215	DIGESTERS CLEANING REHAB 10 YEAR PLAN			03	700	3,700	3,600	3,100	0	11,100	0	11,100	0) (0	0	ŕ	0	0	0	0	0	11,100
0	216	OPERATIONS CENTRE - ENGINEERING	CW		03	300	400	0	0	0	700	0		0			0	700	0	0		0	0	700
0	217	ELECTRICAL REHAB - FUTURE	CW	S6	03	0	100	1,350	6,620	6,125	14,195	3,425	17,620	0			0	17,620	0	0		0	0	17,620
		Sub-total				16,684	23,552	28,468	36,476	26,330	131,510	36,929	168,439	0		3,026	0	165,413	0	0	0	0	0	168,439
WAS	000115	HUMBER T.P.																						

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

~	pen	IUIX J. Z	1014 Necommended Ca	ιριιαι	, Du	Jyei	., 2013 10) 2023 C	Japitai	гіан															
Wa	astev	water Pro	gram																						
ı						- 1		Curre	ent and Fu	ıture Year	Cash Flo	ow Commitn	nents	,'	 	Curre	ent and Futu	ıre Year	Cash Flo	ow Commitments	s Finan	iced By			
			Project Name Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 8 2019-2023	Total 3 2014-2023	Provincial Grants and Subsidies	Federal De Subsidy	Development Charges Re	eserves	Reserve Funds	Capital from Current Other	1 Oth	ner2 De	Debt Recovers ebt	rable	Total Financing
<u>WA</u>	.S0001	115 HUMBER	RT.P.																						_
0	9	HTP CO	O-GENERATION	CW	S6	04	0	200	200	109	0	509	0	509	0	0 0	0	0	509	0	0	0	0	0	509
			Sub-total			ļ	0	200	200	109	0	509	9 0	509	0	0	0	0	509	0	0	0	0	0	509
<u>WA</u>	.S0001	160 ASHBRI	IDGES BAY TREATMENT PLANT -	<u> </u>		ļ																		\neg	
0	19	BIOSOL	LIDS IMPRVS & STUDIES	CW	S2	04	165	0	0	0	0	165	0	165	o	0 0	5	0	160	0	0	0	0	0	165
0	43	BIOSOL	LIDS IMPRVS & STUDIES -2014 SC) CW	S3	04	-165	0	0	0	0	-165	0	-165	o	0 0	-5	0	-160	0	0	0	0	0	-165
			Sub-total			ŀ	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0
<u>WA</u>	<u>\$0002</u>	259 TRUNK	SEWER SYSTEM			ļ																		\dashv	
0	15	TRUNK	SEVWER REHAB-2012	CW	S2	03	24,464	12,900	3,000	500	0	40,864	0	40,864	o	0 0	0	0	40,864	0	0	0	0	0	40,864
0	18	Keele Tr	runk Sewer Design & Construction	CW	S6	05	0	0	500	1,000	5,000	6,500	78,000	84,500	0	0 0	31,543	0	52,957	0	0	0	0	0	84,500
0	23	TRUNK	SEWER REHABILITATION	CW	S2	03	395	225	0	0	0	620	0	620	o	0 0	0	0	620	0	0	0	0	0	620
0	24	TRUNK S	SEWER REHABILITATION - AST	CW	S6	03	0	0	0	18,000	19,000	37,000	100,000	137,000	0	0 0	0	0	137,000	0	0	0	0	0	137,000
0	27	TRUNK	SEWER REHABILITATION - 2014	CW	S4	03	455	12,880	18,225	3,543	7	35,110	0	35,110	0	0 0	0	0	35,110	0	0	0	0	0	35,110
0	33	TRUNK	SEVWER REHAB-2012 -2014 SC	CW	S3	03	-16,893	-6,984	1,884	1,111	381	-20,501	49	-20,452	0	0 0	0	0	-20,452	2 0	0	0	0	0	-20,452
0	34		TRUNK SEWER PROPERTY STION -2014 SC	CW	S3	05	500	500	0	0	0	1,000	0	1,000	0	0 0	0	0	1,000	0	0	0	0	0	1,000
0	36		SEWER CEMENT-FORECAST	CW	S6	03	0	0	5,000	5,000	5,000	15,000	25,000	40,000	0	0 0	0	0	40,000	0	0	0	0	0	40,000
0	37	TRUNK S	SEWER REHABILITATION - 2014	CW	S3	03	-225	-55	0	0	0	-280	0	-280	0	0 0	0	0	-280	0	0	0	0	0	-280
			Sub-total			ļ	8,696	19,466	28,609	29,154	29,388	115,313	203,049	318,362	0	0	31,543	0	286,819	0	0	0	0	0	318,362
<u>WA</u>	<u>.S0004</u>	442 BASEMF	ENT FLOODING RELIEF			Ţ																		\Box	
0	8	BASEMF	ENT FLOODING STUDIES & EAS	CW	S2	04	3,236	0	0	0	0	3,236	0	3,236	O	0 0	0	0	3,236	0	0	0	0	0	3,236
0	9	BASEME PROJEC	ENT FLOODING RELIEF - TUNNEL CT	_ CW	S2	04	33,063	0	0	0	0	33,063	0	33,063	0	0 0	0	0	33,063	0	0	0	0	0	33,063
0	12	ROAD R	RESTORATION FOR BSMT FLDG	CW	S2	04	5,013	3,000	0	0	0	8,013	0	8,013	0	0 0	0	0	8,013	0	0	0	0	0	8,013
0	14	BASEMF 1	ENT FLOODING DESIGN - GROUP	, CM	S2	04	4,363	100	50	0	0	4,513	0	4,513	o	0 0	0	0	4,513	0	0	0	0	0	4,513
0	18	BASEME 2	ENT FLOODING DESIGN - GROUP	, CM	S2	04	7,000	7,000	6,000	5,000	0	25,000	0	25,000	o	0 0	0	0	25,000	0	0	0	0	0	25,000
0	19	BASEME	ENT FLOODING RELIEF- GROUP 2	2 CW	S4	04	17,292	41,222	39,832	49,299	1,500	149,145	0	149,145	o	0 0	0	0	149,145	0	0	0	0	0	149,145
0	20	BASEMI	ENT FLOODING DESIGN - GROUP	e CW	S4	04	100	3,000	4,000	5,000	5,000	17,100	8,000	25,100	0	0 0	0	0	25,100	0	0	0	0	0	25,100

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

Wastewater Program

					Current and Future Year Cash Flow Commitments Current and Future Year Cash Flow Commitments Financed By											Зу								
		<u>ject No. Project Name</u> Proj No. Sub-project Name V	Vard	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges F	Reserves	Reserve Funds	Capital from Current	Other 1	Other2		bt - verable	Total Financing
WAS	000442	BASEMENT FLOODING RELIEF																						
0	29	BASEMENT FLOODING RELIEF - GROUP 1	CW	S2	04	47,555	75	75	75	0	47,780	0	47,780	c	0	0	0	47,780	0	0	0	0	0	47,780
0	0 52 BASEMENT FLOODING RELIEF-FUTURE CW S6 04		04	0	0	0	0	48,451	48,451	445,000	493,451	c	0	0	0	493,451	0	0	0	0	0	493,451		
0	59	BASEMENT FLOODING RELIEF CW S3 04 -BACKFLOW GRANTS -2014 SC		04	3,000	3,000	3,000	3,000	3,000	15,000	17,500	32,500	C	0	0	0	32,500	0	0	0	0	0	32,500	
0	60	BASEMENT FLOODING STUDIES & EAS CW S3 04 -2014 SC		-585	1,618	1,485	0	0	2,518	0	2,518	c	0	0	0	2,518	0	0	0	0	0	2,518		
0	61	BASEMENT FLOODING DESIGN GROUP 1 -2014 SC	CW	S3	04	-3,075	1,788	1,850	0	0	563	0	563	c	0	0	0	563	0	0	0	0	0	563
0	62	BASEMENT FLOODING DESIGH GROUP 2 - 2014 SC	CW	S3	04	-900	-1,100	-500	500	25	-1,975	0	-1,975	C	0	0	0	-1,975	0	0	0	0	0	-1,975
0	63	BASEMENT FLOODING RELIEF - GROUP 1 -2014 SC	CW	S3	04	-22,432	11,635	15,000	0	0	4,203	0	4,203	C	0	0	0	4,203	0	0	0	0	0	4,203
0	64	ROAD RESTORATION FOR BSMT FLDG -2014 SC	CW	S3	04	-2,321	-2,228	0	0	0	-4,549	0	-4,549	c	0	0	0	-4,549	0	0	0	0	0	-4,549
0	65	BASEMENT FLOODING RELIEF -TUNNEL PROJECT -2014 SC	CW	S3	04	-32,553	10,000	32,000	37,000	40,500	86,947	30,000	116,947	c	0	0	0	116,947	0	0	0	0	0	116,947
1	1	BASEMENT FLOODING RELIEF - BACKFLOW GRANTS	CW	S2	04	2,500	2,500	2,500	2,500	2,500	12,500	10,000	22,500	С	0	0	0	22,500	0	0	0	0	0	22,500
Sub-total					61,256	81,610	105,292	102,374	100,976	451,508	510,500	962,008	0	0	0	0	962,008	0	0	0	0	0	962,008	
WAS	<u>8000521</u>	HIGHLAND CREEK WWTP - BUILDING SEP	3V &																					
0	3	HCTP BLDG REHAB & IMPROVEMENTS	CW	S2	03	500	4,000	4,000	3,000	0	11,500	0	11,500	c	0	0	0	11,500	0	0	0	0	0	11,500
0	6	HCTP BLDG REHAB & IMPROVEMENTS - 2014 SC	CW	S3	03	998	-500	0	0	0	498	0	498	С	0	0	0	498	0	0	0	0	0	498
		Sub-total				1,498	3,500	4,000	3,000	0	11,998	0	11,998	0	0	0	0	11,998	0	0	0	0	0	11,998
WAS	000523	HIGHLAND CREEK WWTP - O&M UPGRAD	<u>DES</u>																					
0	1	PLANT FIRM CAPACITY UPGRADES - PHASE V	CW	S6	05	0	0	0	0	0	0	3,000	3,000	С	0	145	0	2,855	0	0	0	0	0	3,000
		Sub-total				0	0	0	0	0	0	3,000	3,000	0	0	145	0	2,855	0	0	0	0	0	3,000
WAS	906322	W&WW LABORATORIES																						
0	9	LAB EQUIPMENT	CW	S2	03	112	100	0	0	0	212	0	212	c	0	0	0	212	0	0	0	0	0	212
0	22	LAB & EMP FACILITIES	CW	S6	04	0	0	0	0	0	0	19,300	19,300	c	0	0	0	19,300	0	0	0	0	0	19,300
0	24	LAB EQUIPMENT -2014 SC	CW	S3	03	8	50	0	0	0	58	0	58	c	0	0	0	58	0	0	0	0	0	58
Sub-total					120	150	0	0	0	270	19,300	19,570	0	0	0	0	19,570	0	0	0	0	0	19,570	
WAS	906328	SWM END OF PIPE FACILITIES																						
0 6 DON VALLEY SWM CW S6 04				04	0	0	0	0	40	40	3,920	3,960	С	0	318	0	3,642	0	0	0	0	0	3,960	

112,455

1,690

800

0

Report Phase 2 - Program 11 Wastewater 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)

Sub-total

CW S2 04

CW S2 04

1,300

0

WAS906486 ASHBRIDGES BAY T.P. - III YR2004 PCS-PLANT SRVS

LANDSCAPE SITE DESIGN

0 4

Ap	pend	dix 3: 2014 Recommended C	Capita	l Bu	ıdgei	t; 2015 to	2023 (Capital	Plan															
Wa	stewa	ater Program																						
				Curr	ent and F	uture Year	Cash Flo	w Commitn	nents		Current and Future Year Cash Flow Commitments Financed By													
Sub Pric		<u>oject No. Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	Debt - overable	Total Financing
WAS	906328	8 SWM END OF PIPE FACILITIES																						
0	9	NORTH TORONTO CSO CONSTR	CW	S2	04	5,000	500	0	0	0	5,500	0	5,500	0	0	550	0	4,950	0	0	0	0	0	5,500
0	10	ETOBICOKE WATERFRONT SWM CON	ST CW	S6	04	0	0	0	0	0	0	52,500	52,500	0	0	4,224	0	48,276	0	0	0	0	0	52,500
0	11	BONAR CREEK CONSTRUCTION	CW	S4	04	200	800	2,150	5,400	5,250	13,800	2,600	16,400	0	0	1,320	0	15,080	0	0	0	0	0	16,400
0	12	EARL BALES SWM FACILITY - PHASE 2	CW	S2	04	3,500	1,000	500	0	0	5,000	0	5,000	0	0	0	0	5,000	0	0	0	0	0	5,000
0	35	EASTERN BEACHES WATER QUALITY IMPROVEMENTS	CW	S2	04	250	0	0	0	0	250	0	250	0	0	25	0	225	0	0	0	0	0	250
0	38	COATSWORTH CUT DESIGN & CONSTRUCTION	CW	S6	04	0	0	0	0	300	300	9,900	10,200	0	0	821	0	9,379	0	0	0	0	0	10,200
0	39	SCARBOROUGH WATERFRONT CSO CONSTRUCTION	CW	S6	04	0	0	0	1,150	4,000	5,150	42,800	47,950	0	0	3,860	0	44,090	0	0	0	0	0	47,950
0	49	NORTH TORONTO CSO CONSTR -2014 SC	CW	S3	04	-4,500	2,500	2,500	0	0	500	0	500	0	0	-68	0	568	0	0	0	0	0	500
0	50	EARL BALES SWM FACILITY - PHASE 2 -2014 SC	CW	S3	04	-3,000	2,000	1,500	0	0	500	0	500	0	0	442	0	58	0	0	0	0	0	500
0	51	EASTERN BEACHES WATER QUALITY IMPROVEMENTS-2014 SC	CW	S3	04	-250	0	0	0	0	-250	0	-250	0	0	-25	0	-225	0	0	0	0	0	-250
		Sub-total				1,200	6,800	6,650	6,550	9,590	30,790	111,720	142,510	0	0	11,467	0	131,043	0	0	0	0	0	142,510
WAS	906331	1 SWM SOURCE CONTROL PROG																						
0	9	DOWNSPOUT DISCONNECTION PROGRAM	CW	S2	04	150	150	250	150	150	850	0	850	0	0	85	0	765	0	0	0	0	0	850
0	14	DOWNSPOUT DISCONNECTION PROGRAM -2014 SC	CW	S3	04	o	0	0	0	0	0	0	0	0	0	-85	0	85	0	0	0	0	0	o
		Sub-total				150	150	250	150	150	850	0	850	0	0	0	0	850	0	0	0	0	0	850
WAS	906380	0 HIGHLAND CREEK WWTP - ODOUR CO	NTROL																					
0	1	ODOUR CONTROL UPGRADES - PHASE	E1 CW	S2	04	876	510	250	650	100	2,386	5	2,391	0	0	48	0	2,343	0	0	0	0	0	2,391
0	2	ODOUR CONTROL UPGRADES PHASE CONST	1 CW	S2	02	20,760	20,000	20,000	9,000	0	69,760	0	69,760	0	0	1,395	0	68,365	0	0	0	0	0	69,760
0	3	ODOUR CONTROL UPGRADES - PH 2	CW	S6	02	0	0	0	0	400	400	34,700	35,100	0	0	1,695	0	33,405	0	0	0	0	0	35,100
0	14	ODOUR CONTROL UPGRADES - PHASE ENG -2014 SC	E1 CW	S3	04	-416	0	230	150	0	-36	0	-36	0	0	141	0	-177	0	0	0	0	0	-36
0	15	ODOUR CONTROL UPGRADES PHASE CONST -2014 SC	1 CW	S3	02	-15,760	-5,000	-5,000	6,000	15,000	-4,760	10,000	5,240	0	0	4,640	0	600	0	0	0	0	0	5,240

15,500

15,510 15,480 15,800

0

0

360

67,750

1,690

44,705

800

112,455

1,690

800

0 7,919

0 104,536

800

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

Wastewater Program

			Curr	ent and F	uture Year	Cash Flo	w Commitn	nents	Current and Future Year Cash Flow Commitments Financed By														
	<u>oject No. Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recove Debt		Total Financing
WAS90648	6 ASHBRIDGES BAY T.P III YR2004																						
0 43	PCS-PLANT SRVS -2014 SC	CW	S3	04	-170	1,170	20	30	0	1,050	0	1,050	0	0	169	0	881	0	0	0	0	0	1,050
	Sub-total				1,130	1,530	50	30	0	2,740	800	3,540	0	0	220	0	3,320	0	0	0	0	0	3,540
WAS90648	7 HIGHLAND CREEK T.P IV YR2004																						
0 2	PCS PLANT SERVICES	CW	S2	04	115	213	0	0	0	328	0	328	0	0	7	0	321	0	0	0	0	0	328
0 19	PCS PLANT SERVICES -2014 SC	CW	S3	04	90	-150	3	0	0	-57	0	-57	0	0	15	0	-72	0	0	0	0	0	-57
	Sub-total				205	63	3	0	0	271	0	271	0	0	22	0	249	0	0	0	0	0	271
WAS90648	8 HUMBER T.P II YR2004																						
0 2	PCS PLANT SERVICES	CW	S2	04	130	55	0	0	0	185	0	185	0	0	3	0	182	0	0	0	0	0	185
0 21	PCS PLANT SERVICES -2014 SC	CW	S3	04	-25	125	5	7	0	112	0	112	0	0	20	0	92	0	0	0	0	0	112
	Sub-total				105	180	5	7	0	297	0	297	0	0	23	0	274	0	0	0	0	0	297
WAS906492 WET WEATHER FLOW MP																							
0 1	SWM INA-EA	CW	S2	04	1,045	615	475	0	0	2,135	0	2,135	0	0	215	0	1,920	0	0	0	0	0	2,135
0 2	WWFMP - PUBLIC EDUCATION	CW	S2	04	860	500	500	0	0	1,860	0	1,860	0	0	93	0	1,767	0	0	0	0	0	1,860
0 10	10 Yr WWFMP Public Ed - Communications	s CW	S6	04	0	0	3,000	4,000	5,125	12,125	30,000	42,125	0	0	3,390	0	38,735	0	0	0	0	0	42,125
0 11	10 Yr WWFMMP Implementation	CW	S6	04	0	0	0	500	500	1,000	2,500	3,500	0	0	280	0	3,220	0	0	0	0	0	3,500
0 14	WWFMP IMPLEMENTATION - DESIGN&CONTRACT ADMIN	CW	S2	04	3,107	1,241	0	0	0	4,348	0	4,348	0	0	434	0	3,914	0	0	0	0	0	4,348
0 15	WWF MONITORING STATIONS	CW	S2	04	0	0	250	250	250	750	0	750	0	0	39	0	711	0	0	0	0	0	750
0 40	10 YEAR SWM - CONVEYANCE	CW	S6	04	0	0	0	0	0	0	6,000	6,000	0	0	482	0	5,518	0	0	0	0	0	6,000
0 44	SWM CONVEYANCE 2013	CW	S2	04	2,604	0	0	0	0	2,604	0	2,604	0	0	259	0	2,345	0	0	0	0	0	2,604
0 51	SWM CONVEYANCE 2014	CW	S4	04	3,461	2,048	0	0	0	5,509	0	5,509	0	0	0	0	5,509	0	0	0	0	0	5,509
0 52	SWM INA-EA -2014 SC	CW	S3	04	-665	-85	-325	150	150	-775	0	-775	0	0	-105	0	-670	0	0	0	0	0	-775
0 53	WWFMP - PUBLIC EDUCATION -2014 SC	CW	S3	04	-360	0	0	0	0	-360	0	-360	0	0	27	0	-387	0	0	0	0	0	-360
0 54	WWFMP IMPLEMENTATION-DESIGN&CON ADMIN	CW	S3	04	-1,807	-141	1,000	500	0	-448	0	-448	0	0	-120	0	-328	0	0	0	0	0	-448
0 55	WWF MONITORING STATIONS -2014 SC	CW	S3	04	0	0	-250	-250	250	-250	600	350	0	0	49	0	301	0	0	0	0	0	350

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

, .b			514 11000mmended 0d	Pitai		ugot	, 20.0 (, _0_0 0	upitui																
Wa	stew	ater Pro	gram			Ш,																			
							Curre	ent and Fu	ture Year	Cash Flo	w Commitr	nents		Current and Future Year Cash Flow Commitments Financed By											
-	ritySu		Sub-project Name	Ward :	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current (Other 1	Other2	Reco	ebt - verable	Total Financing
WAS	90649	92 WET WE	EATHER FLOW MP																						
0	56	SWM CC	DNVEYANCE 2013 -2014 SC	CW	S3	04	-354	0	0	0	0	-354	0	-354	C) 0	-78	0	-276	0	0	0	0	0	-354
			Sub-total				7,891	4,178	4,650	5,150	6,275	28,144	39,100	67,244	0) 0	4,965	0	62,279	0	0	0	0	0	67,244
WAS	90649	SEWER	ASSET PLANNING																						
0	5	Sewer As	sset Planning	CW	S2	03	1,194	1,000	1,000	0	0	3,194	0	3,194	C	0	0	0	3,194	0	0	0	0	0	3,194
0	7	Sewer Sy	ystem Inspection	CW	S2	03	9,117	8,000	8,000	9,000	0	34,117	0	34,117	C	0	0	0	34,117	0	0	0	0	0	34,117
0	17	SEWER FORECA	ASSET PLANNING - 10 YR AST	CW	S6	04	0	0	1,000	1,000	1,000	3,000	5,000	8,000	C	0	384	0	7,616	0	0	0	0	0	8,000
0	18	SEWER FORECA	SYSTEM INSPECTION - 10 YR AST	CW	S6	03	0	0	0	0	0	0	40,000	40,000	C	0	0	0	40,000	0	0	0	0	0	40,000
0	21	PPD - IN STUDIES	FRASTRUCTURE PLANNING	CW	S4	05	150	150	0	0	0	300	0	300	C	0	0	0	300	0	0	0	0	0	300
0	22		FRASTRUCTURE PLANNING S - 10 YR PLAN	CW	S6	05	0	0	150	150	150	450	750	1,200	C	0	0	0	1,200	0	0	0	0	0	1,200
0	23	Sewer As	sset Planning -2014 SC	CW	S3	03	54	825	-385	0	0	494	0	494	C	0	296	0	198	0	0	0	0	0	494
0	24	Sewer Sy	ystem Inspection -2014 SC	CW	S3	03	-3,158	3,048	4,000	3,000	12,000	18,890	15,000	33,890	C	0	0	0	33,890	0	0	0	0	0	33,890
			Sub-total			Ī	7,357	13,023	13,765	13,150	13,150	60,445	60,750	121,195	0	0	680	0	120,515	0	0	0	0	0	121,195
WAS	90650	00 NEW SE	WER CONSTRUCTION			-																			
0	4	10 Year i	New Sewer Construction	CW	S6	05	0	0	1,000	1,000	1,000	3,000	5,000	8,000	C	0	2,984	0	5,016	0	0	0	0	0	8,000
0	5	NEW SE	WERS	CW	S2	05	1,202	0	0	0	0	1,202	0	1,202	C	0	1,082	0	120	0	0	0	0	0	1,202
0	16	10 YEAR STUDIES	R SEWER UPGRADES (CORRIDOF S)	≀ CW	S6	05	0	0	0	2,000	4,000	6,000	38,000	44,000	C	0	13,200	0	30,800	0	0	0	0	0	44,000
0	17	WATERF PIAN IMF	FRONT SANITARY MASTER SERV	CW	S6	05	0	1,000	3,000	5,000	5,000	14,000	25,000	39,000	C	0	0	0	39,000	0	0	0	0	0	39,000
0	18	DOWNS' UPGRAD	VIEW LANDS EXTERNAL DES	CW	S6	05	0	2,000	4,000	2,000	0	8,000	0	8,000	C	0	8,000	0	0	0	0	0	0	0	8,000
0	22	NEW SE	WERS -2014 SC	CW	S3	05	-1,000	1,000	0	0	0	0	0	0	C	0	-334	0	334	0	0	0	0	0	0
			Sub-total			•	202	4,000	8,000	10,000	10,000	32,202	68,000	100,202	0	0	24,932	0	75,270	0	0	0	0	0	100,202
WAS	90650)1 YARD &	BUILDING RENOVATION			Ī																			
0	2	YARD &	BUILDING RENOVATION	CW	S2	04	100	0	0	0	0	100	0	100	C	0	0	0	100	0	0	0	0	0	100
0	10	YARD & SC	BUILDING RENOVATION - 2014	CW	S3	04	-100	0	0	0	0	-100	0	-100	C	0	0	0	-100	0	0	0	0	0	-100
			Sub-total			Ī	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WAS906735 DIST SEWER REHAB OPS YR2005																									

5,900

Report Phase 2 - Program 11 Wastewater 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

2,550

2,550

CITY OF TORONTO

Sub-total

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

Αp	pend	lix 3: 2014 Recommended C	apita	I Bu	dget	t; 2015 to	2023 (Capital	Plan															
Wa	stew	ater Program																						
							Curr	ent and F	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and Fu	uture Year	Cash Flo	w Commi	itments F	inanced	Ву		
<u>Sul</u> Pri		<u>pject No.</u> <u>Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - overable	Total Financing
WA	S90673	DIST SEWER REHAB OPS YR2005																						
0	10	GROUP 1 SEWAGE PUMPING STATION UPGRADES	CW	S2	03	800	0	0	0	0	800	0	800	c	(61	0	739	0	0	0	0	0	800
0	15	GROUP 1 SEWAGE PUMPING STATION UPGRADES -2014 SC	CW	S3	03	-500	188	12	0	0	-300	0	-300	С	(-21	0	-279	0	0	0	0	0	-300
		Sub-total				300	188	12	0	0	500	0	500	0	(0 40	0	460	0	0	0	0	0	500
WA	S90674	1 HIGHLAND CREEK TP YR2005																						
0	1	WAS THICKENING AND DEWATERING ENG	CW	S2	03	410	17	10	0	4	441	0	441	c	(7	0	434	0	0	0	0	0	441
0	16	WAS THICKENING AND DEWATERING ENG -2014 SC	CW	S3	03	-160	300	303	0	1	444	0	444	c	(64	0	380	0	0	0	0	0	444
		Sub-total				250	317	313	0	5	885	0	885	0	(71	0	814	0	0	0	0	0	885
WA:	S906742	HUMBER TP YR2005																						
0	6	HEADHOUSE UPGRADES Phase 1	CW	S2	03	10	5	0	0	0	15	0	15	c	(0	0	15	0	0	0	0	0	15
0	8	ODOUR CONTROL ENGINEERING	CW	S2	04	982	600	101	0	0	1,683	0	1,683	c	(16	0	1,667	0	0	0	0	0	1,683
0	51	ODOUR CONTROL ENGINEERING -2014 SC	CW	S3	04	18	400	320	100	101	939	0	939	c	(-16	0	955	0	0	0	0	0	939
0	52	HEADHOUSE UPGRADES Phase 1 - 2014 SC	. CW	S3	03	508	15	0	0	0	523	0	523	C	() 44	0	479	0	0	0	0	0	523
		Sub-total				1,518	1,020	421	100	101	3,160	0	3,160	0	() 44	0	3,116	0	0	0	0	0	3,160
WA:	S906743	3 ASHRIDGES BAY TP YR2005																						
0	1	Process & Equip Upgrades	CW	S2	03	450	165	540	830	0	1,985	0	1,985	C	(59	0	1,926	0	0	0	0	0	1,985
0	48	Process & Equip Upgrades -2014 SC	CW	S3	03	-310	315	-218	-372	82	-503	0	-503	C	(61	0	-564	0	0	0	0	0	-503
0	49	M & T Retrofit -2014 SC	CW	S3	03	-10	753	0	0	0	743	0	743	c	(0	0	743	0	0	0	0	0	743
0	50	SERVICE AIR UPGRADES -2014 SC	CW	S3	03	-4,750	2,790	2,674	550	617	1,881	0	1,881	c	(0	0	1,881	0	0	0	0	0	1,881
1	4	M & T IMPROVEMENTS (EQUIPMENT)	CW	S2	03	1,827	0	0	0	0	1,827	0	1,827	c	(0	0	1,827	0	0	0	0	0	1,827
1	7	SERVICE AIR UPGRADES	CW	S2	03	7,150	1,210	176	0	0	8,536	0	8,536	c	(0	0	8,536	0	0	0	0	0	8,536
		Sub-total				4,357	5,233	3,172	1,008	699	14,469	0	14,469	0	(120	0	14,349	0	0	0	0	0	14,469
WA	S90675	WESTERN BEACHES RETROFIT																						
0	1	WESTERN BEACHES RETROFIT	CW	S2	03	1,000	4,000	200	0	0	5,200	0	5,200	С	(0	0	5,200	0	0	0	0	0	5,200
0	9	WESTERN BEACHES RETROFIT -2014 S	C CW	S3	03	-200	-1,450	2,350	0	0	700	0	700	c	() 474	0	226	0	0	0	0	0	700

5,900

5,900

474

5,426

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

					Curre	ent and Fu	ture Year	Cash Flov	v Commitn	nents			Cui	rrent and Fu	ıture Year	Cash Flo	w Commi	tments I	inanced	Ву		
	roject No. Project Name ubProj No. Sub-project Name	Ward Stat.	. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recovera	- 1	Total Financing
	26 OPERATIONAL SUPPORT											Cubsidies									寸	
0 1	DIVISIONAL SECURITY	CW S2	04	814	0	0	0	0	814	0	814	C) 0	0	0	814	0	C	0	0	0	814
0 7	RENOVATION - MERTON STREET	CW S2	04	3	0	0	0	0	3	0	3	c	0	0	0	3	0	C	0	0	0	3
0 17	Desginated Substance Abatement	CW S2	02	173	0	0	0	0	173	0	173	c	0	0	0	173	0	C	0	0	0	173
0 23	HAND HELD DEVICES - UPDATED	CW S2	04	150	0	0	0	0	150	0	150	C	0	0	0	150	0	C	0	0	0	150
0 40	WWTP PLC PLATFORM UPGRADE	CW S2	04	3,000	4,000	5,000	5,000	4,500	21,500	0	21,500	c) 0	0	0	21,500	0	C	0	0	0	21,500
0 49	DISTRICT OPERATION FACILITY UPGRADES	CW S6	04	0	0	0	0	0	0	3,900	3,900	c	0	0	0	3,900	0	C	0	0	0	3,900
0 71	YARDS & FACILITIES - 10 YR PLAN	CW S6	03	0	650	1,600	1,600	1,600	5,450	6,400	11,850	c	0	0	0	11,850	0	C	0	0	0	11,850
0 82	FACILITY RENOVATION -2014 SC	CW S3	04	800	1,000	0	0	0	1,800	0	1,800	C	0	0	0	1,800	0	C	0	0	0	1,800
0 83	WWTP PLC PLATFORM UPGRADE -2014 SC	4 CW S3	04	-1,000	-800	-500	0	-200	-2,500	500	-2,000	С	0	0	0	-2,000	0	C	0	0	0	-2,000
0 84	HAND HELD DEVICES - UPDATED - 2014 SC	4 CW S3	04	-150	150	0	0	0	0	0	0	С	0	0	0	0	0	C	0	0	0	0
0 85	DIVISIONAL SECURITY - 2014 SC	CW S3	04	-164	0	0	0	0	-164	0	-164	C	0	0	0	-164	0	C	0	0	0	-164
0 86	RENOVATION - MERTON STREET - 2014 SC	1 CW S3	04	0	3	0	0	0	3	0	3	C	0	0	0	3	0	C	0	0	0	3
0 87	Desginated Substance Abatement - 2014 SC	CW S3	02	-73	0	0	0	0	-73	0	-73	С	0	0	0	-73	0	C	0	0	0	-73
	Sub-total			3,553	5,003	6,100	6,600	5,900	27,156	10,800	37,956	0	0	0	0	37,956	0	C	0	0	0	37,956
WAS90695	58 SEWER SYSTEM REHABILITATION																					
0 2	Group 2 & 3 Sewage P.S. Upgrades	CW S2	03	14	31	0	0	0	45	0	45	C	0	3	0	42	0	C	0	0	0	45
0 5	CCTV Inspection	CW S2	03	1,123	1,000	0	0	0	2,123	0	2,123	c	0	0	0	2,123	0	C	0	0	0	2,123
0 6	LATERAL REHAB	CW S2	03	399	0	0	0	0	399	0	399	C	0	0	0	399	0	C	0	0	0	399
0 7	10 Year Sewer Rehabilitation	CW S6	03	0	0	0	6,000	45,000	51,000	263,817	314,817	C	0	0	0	314,817	0	C	0	0	0	314,817
0 8	SPS SCADA UPGRADES - ENGINEERING	G CW S2	04	1,202	315	13	12	0	1,542	0	1,542	C	0	0	0	1,542	0	C	0	0	0	1,542
0 9	SEWER REHABILITATION	CW S2	03	18,873	30,000	0	0	0	48,873	0	48,873	С	0	0	0	48,873	0	C	0	0	0	48,873
0 23	SEWAGE PUMPING STATION STANDBY POWER		02	1,925	0	0	0	0	1,925	0	1,925	C) 0	0	0	1,925	0	C	0	0	0	1,925
0 24	GROUP 5 SEWAGE PUMPING STATION CAPACITY UPGRADES		05	3,675	0	1,700	1,800	1,700	8,875	0	8,875	C	0	666	0	8,209	0	C	0	0	0	8,875
0 60	Group 2 & 3 Sewage P.S. Upgrades -2014 SC	CW S3	03	-8	3	0	0	0	-5	0	-5	C	0	0	0	-5	0	C	0	0	0	-5

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

ΑÞ	penu	11X 3. 2014 Neconilliended Co	арна	ı bu	uye	ι, 2015 ιι	J 2023 C	apıtaı	riaii															
Wa	stewa	ater Program																						
							Curre	ent and Fu	iture Year	Cash Flo	w Commitr	nents			Cu	ırrent and Fu	uture Yea	r Cash Flo	ow Comm	itments F	inanced By	1		
Sul Prio		<u>pject No. Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds		Other 1	Other2 D	Debt - Recovera ebt	ble	Total Financing
WAS	906958	SEWER SYSTEM REHABILITATION																						
0	61	CCTV Inspection -2014 SC	CW	S3	03	-223	0	1,000	0	0	777	0	777	O) (0 0	0	777	0	0	0	0	0	777
0	62	LATERAL REHAB -2014 SC	CW	S3	03	396	0	0	0	0	396	0	396	o) (0 0	0	396	0	0	0	0	0	396
0	63	SPS SCADA UPGRADES - ENGINEERING -2014 SC	G CW	S3	04	-587	285	0	0	0	-302	0	-302	0) (0 99	0	-401	0	0	0	0	0	-302
0	64	SEWER REHABILITATION -2014 SC	CW	S3	03	3,287	-2,039	37,700	37,700	0	76,648	0	76,648	0) (0 0	0	76,648	0	0	0	0	0	76,648
0	65	SEWAGE PUMPING STATION STANDBY POWER -2014 SC	CW	S3	02	-585	810	0	0	0	225	0	225	0) (0 173	0	52	. 0	0	0	0	0	225
0	66	GROUP 5 SEWAGE PS CAPACITY UPGRADES -2014 SC	CW	S3	05	-3,350	3,250	4,550	3,450	2,320	10,220	20	10,240	0) (0 874	0	9,366	0	0	0	0	0	10,240
		Sub-total				26,141	33,655	44,963	48,962	49,020	202,741	263,837	466,578	0	(0 1,815	0	464,763	0	0	0	0	0	466,578
WAS	906960	STREAM RESTORATION & EROSION CO	NTRC																					
0	1	HIGHLAND CREEK STREAM RESTORATION	CW	S2	04	1,000	0	0	0	0	1,000	0	1,000	0) (0 100	0	900	0	0	0	0	0	1,000
0	5	10 Year Stream Restoration - All Districts	CW	S6	03	0	0	0	5,160	5,310	10,470	53,950	64,420	o) (0 5,186	0	59,234	. 0	0	0	0	0	64,420
0	7	STREAM RESTORATION	CW	S2	03	4,788	7,500	0	0	0	12,288	0	12,288	o) (0 1,228	0	11,060	0	0	0	0	0	12,288
0	26	STREAM RESTORATION-CRITICAL LOCATIONS	CW	S2	03	500	0	0	0	0	500	0	500	0) (0 50	0	450	0	0	0	0	0	500
0	27	HIGHLAND CREEK STREAM RESTORATION - 10 YEAR	CW	S6	03	0	0	1,000	1,000	1,000	3,000	5,000	8,000	0) (0 0	0	8,000	0	0	0	0	0	8,000
0	28	STREAM RESTORATION CRITICAL LOCAITONS - 10 YR	CW	S6	03	0	0	500	500	500	1,500	2,500	4,000	0) (0 0	0	4,000	0	0	0	0	0	4,000
0	31	HIGHLAND CREEK STREAM RESTORATION -2014 SC	CW	S3	04	40	1,000	0	0	0	1,040	0	1,040	0) (0 64	0	976	0	0	0	0	0	1,040
0	32	STREAM RESTORATION -2014 SC	CW	S3	03	1,712	0	5,370	2,500	310	9,892	950	10,842	O) (0 634	0	10,208	0	0	0	0	0	10,842
0	33	STREAM RESTORATION-CRITICAL LOCATIONS -2014 SC	CW	S3	03	0	500	0	0	0	500	0	500	0) (0 -50	0	550	0	0	0	0	0	500
		Sub-total				8,040	9,000	6,870	9,160	7,120	40,190	62,400	102,590	0	(0 7,212	0	95,378	0	0	0	0	0	102,590
WAS	906964	4 CONVEYANCE CONTROLS - REPLC & RI	EHAB																					
0	9	2008 STORM SEWER REHABILITATION	CW	S2	03	18	0	0	0	0	18	0	18	О) (0 0	0	18	0	0	0	0	0	18
0	18	COATSWORTH CUT - PHASE 1 CONSTRUCTION	CW	S2	04	43	110	110	110	0	373	0	373	О) (0 37	0	336	0	0	0	0	0	373
0	26	COATSWORTH CUT - PHASE 1 CONSTRUCTION -2014 SC	CW	S3	04	0	-90	-110	-110	0	-310	0	-310	o) (0 -37	0	-273	0	0	0	0	0	-310
0	27	2008 STORM SEWER REHABILITATION - 2014 SC	CW	S3	03	4	0	0	0	0	4	0	4	o) (0 0	0	4	. 0	0	0	0	0	4
		Sub-total				65	20	0	0	0	85	0	85	0		0 0	0	85	0	0	0	0	0	85
WAS	906966	SWM TRCA FUNDING																					1	

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

		ator i rogiami																						
							Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year	Cash Flo	w Commi	tments F	inanced	Ву		
		<u>pject No. Project Name</u> bProj No. Sub-project Name	Ward	l Stat	. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - overable	Total Financing
WA	S906966	6 SWM TRCA FUNDING																						
0	8	10 Year TRCA Funding	CW	/ S6	04	0	4,069	4,171	4,275	4,382	16,897	23,609	40,506	0	0	3,260	0	37,246	0	0	0	0	0	40,506
0	17	TRCA FUNDING - 2014 SC	CW	/ S3	04	3,970	0	0	0	0	3,970	0	3,970	0	0	320	0	3,650	0	0	0	0	0	3,970
		Sub-total				3,970	4,069	4,171	4,275	4,382	20,867	23,609	44,476	0	0	3,580	0	40,896	0	0	0	0	0	44,476
WA	S906968	8 ENGINEERING																						
0	2	CONSULTING FEES	CW	/ S2	03	2,928	2,000	0	0	0	4,928	0	4,928	0	0	0	0	4,928	0	0	0	0	0	4,928
0	31	ROAD RESTORATION	CW	/ S2	03	1,118	0	0	0	0	1,118	0	1,118	0	0	0	0	1,118	0	0	0	0	0	1,118
0	48	ROAD RESTORATION -FUTURE	CW	/ S6	03	0	2,732	2,814	0	0	5,546	0	5,546	0	0	0	0	5,546	0	0	0	0	0	5,546
0	51	CONSULTING FEES-2014 SC	CW	/ S3	03	27	3,298	6,874	5,912	5,445	21,556	9,176	30,732	0	0	0	0	30,732	0	0	0	0	0	30,732
0	52	ECS SALARIES	CW	/ S4	03	12,033	0	0	0	0	12,033	0	12,033	0	0	0	0	12,033	0	0	0	0	0	12,033
0	53	ROAD RESTORATION - 2014 SC	CW	/ S3	03	1,534	0	0	0	0	1,534	0	1,534	0	0	0	0	1,534	0	0	0	0	0	1,534
		Sub-total				17,640	8,030	9,688	5,912	5,445	46,715	9,176	55,891	0	0	0	0	55,891	0	0	0	0	0	55,891
WA	S906973	3 SEWER REPLACEMENT PROGRAM																						
0	3	10 Year Sewer Replacement	CW	/ S6	03	0	20,000	31,000	35,000	40,000	126,000	255,000	381,000	0	0	18,397	0	362,603	0	0	0	0	0	381,000
0	24	SEWAGE FORCEMAIN REPLACEMENT	CW	/ S2	03	4,243	0	0	0	0	4,243	0	4,243	0	0	0	0	4,243	0	0	0	0	0	4,243
0	25	SEWER REPLACEMENT 2012	CW	/ S2	03	1,700	0	0	0	0	1,700	0	1,700	0	0	170	0	1,530	0	0	0	0	0	1,700
0	35	SEWER REPLACMENT - 2013 PROGRAI	M CW	/ S2	03	16,748	0	0	0	0	16,748	0	16,748	0	0	0	0	16,748	0	0	0	0	0	16,748
0	36	SEWER REPLACEMENT -2014	CW	/ S4	03	13,132	6,596	2,000	0	0	21,728	0	21,728	0	0	0	0	21,728	0	0	0	0	0	21,728
0	37	FORCEMENT REPLACEMENT - 10 YEAR	R CW	/ S6	03	0	1,000	2,000	2,000	2,000	7,000	10,000	17,000	0	0	0	0	17,000	0	0	0	0	0	17,000
0	44	COXWELL TRUNK EMERGENCY REPAIR	R CW	I S2	03	1,747	1,541	0	0	0	3,288	0	3,288	0	0	0	0	3,288	0	0	0	0	0	3,288
0	46	WATERFRONT STORMWATER INFRASTRUCTURE	CW	I S2	04	11,750	0	0	0	0	11,750	0	11,750	0	0	4,860	0	6,890	0	0	0	0	0	11,750
0	47	WATERFRONT SANITARY SERVICING INFRASTRUCTURE	CW	/ S2	04	16,020	0	0	0	0	16,020	0	16,020	0	0	10,480	0	5,540	0	0	0	0	0	16,020
0	48	SEWER REPLACEMENT 2012 -2014 SC	CW	/ S3	03	-1,059	2,122	0	0	0	1,063	0	1,063	0	0	-170	0	1,233	0	0	0	0	0	1,063
0	49	SEWER REPLACMENT - 2013 PROGRAI -2014 SC	M CW	/ S3	03	-9,278	4,522	0	0	0	-4,756	0	-4,756	0	0	965	0	-5,721	0	0	0	0	0	-4,756
0	52	SEWER REPLACEMENT - METROLINX	CW	/ S4	03	50	2,195	1,608	1,096	603	5,552	0	5,552	0	0	0	0	5,552	0	0	0	0	0	5,552

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and Fu	ture Year	Cash Flov	v Commitn	nents			Cur	rent and Fu	ıture Year	Cash Flo	w Commi	tments F	inanced	Ву		
Sub	<u>- Pro</u>	ject No. Project Name									Total	Total	Total	Provincial	Federal i	Development		Reserve	Capital from			Debt - Recovera	ble	Total
Pric	ritySul	Proj No. Sub-project Name	Ward	Stat. (Cat.	2014	2015	2016	2017	2018	2014-2018	2019-2023	2014-2023	Grants and Subsidies	Subsidy	Charges	Reserves		Current	Other 1	Other2		- 1	Financing
WAS	906973	SEWER REPLACEMENT PROGRAM																						
0	54	SEWAGE FORCEMAIN REPLACEMENT 2014 SC	- CW	S3	03	-3,243	1,000	0	0	0	-2,243	0	-2,243	О	0	0	0	-2,243	0	0	0	0	0	-2,243
0	55	SEWER REPLACEMENT - LESLIE ST	CW	S4	03	10,000	0	0	0	0	10,000	0	10,000	O	0	0	0	10,000	0	0	0	0	0	10,000
0	56	COXWELL TRUNK EMERGENCY REPAIR 2014 SC	R - CW	S3	03	-747	0	0	0	0	-747	0	-747	o	0	0	0	-747	0	0	0	0	0	-747
		Sub-total				61,063	38,976	36,608	38,096	42,603	217,346	265,000	482,346	0	0	34,702	0	447,644	0	0	0	0	0	482,346
WAS	906980	ASHBRIDGES BAY T.P. YR2006																						
0	8	MEDIATION AGREEMENT IMPLEMENTATION - PART 2	CW	S2	04	45	25	0	0	0	70	0	70	0	0	3	0	67	0	0	0	0	0	70
0	9	DEWATERING EQUIPMENT UPGRADES	CW	S2	03	2,580	143	10	0	0	2,733	0	2,733	0	0	81	0	2,652	0	0	0	0	0	2,733
0	34	MEDIATION AGREEMENT IMPLEMENTATION-PART 2 -2014 SC	CW	S3	04	-20	0	0	0	0	-20	0	-20	0	0	1	0	-21	0	0	0	0	0	-20
0	35	DEWATERING EQUIPMENT UPGRADES -2014 SC	CW	S3	03	-1,780	1,467	2,216	0	0	1,903	0	1,903	0	0	292	0	1,611	0	0	0	0	0	1,903
		Sub-total				825	1,635	2,226	0	0	4,686	0	4,686	0	0	377	0	4,309	0	0	0	0	0	4,686
WAS	906981	HIGHLAND CREEK WWTP UPGRADES																						
0	1	PROCESS & FACILITY UPGRADE	CW	S2	04	3,095	850	810	240	0	4,995	0	4,995	0	0	0	0	4,995	0	0	0	0	0	4,995
0	3	BIOSOLIDS TREATMENT UPGRADES	CW	S2	03	25,530	21,007	20,700	14,021	30	81,288	0	81,288	o	0	1,625	0	79,663	0	0	0	0	0	81,288
0	5	TRANSFORMERS AND SWITCHGEAR	CW	S2	05	0	0	1,000	1,250	1,690	3,940	1,200	5,140	0	0	0	0	5,140	0	0	0	0	0	5,140
0	7	MECH & ELECTRICAL UPGRADE ENGINEERING	CW	S2	03	1,452	685	0	0	0	2,137	0	2,137	O	0	0	0	2,137	0	0	0	0	0	2,137
0	8	DIGESTER GAS SYSTEM UPGRADES	CW	S2	03	1,830	4,950	4,680	50	0	11,510	0	11,510	0	0	0	0	11,510	0	0	0	0	0	11,510
0	16	MECH SYSTEMS UPGRADES - CONSTR	CW	S2	03	1,200	0	0	0	0	1,200	0	1,200	o	0	0	0	1,200	0	0	0	0	0	1,200
0	23	ELECTRICAL UPGRADES-ECAR	CW	S2	03	2,430	2,381	9,065	0	0	13,876	0	13,876	o	0	0	0	13,876	0	0	0	0	0	13,876
0	31	ELEC SYSTEM UPGRADES - CONSTR	CW	S2	03	3,500	0	0	0	0	3,500	0	3,500	o	0	0	0	3,500	0	0	0	0	0	3,500
0	32	CEPA COMPLIANCE -HCTP - 2014 SC	CW	S3	02	200	2,000	300	0	0	2,500	0	2,500	o	0	0	0	2,500	0	0	0	0	0	2,500
0	72	PROCESS & FACILITY UPGRADE -2014 SC	CW	S3	04	-795	1,930	513	370	620	2,638	1,079	3,717	0	0	0	0	3,717	0	0	0	0	0	3,717
0	73	BIOSOLIDS TREATMENT UPGRADES -2014 SC	CW	S3	03	-18,772	-10,115	-50	6,060	9,120	-13,757	30	-13,727	o	0	3,838	0	-17,565	0	0	0	0	0	-13,727
0	74	TRANSFORMERS AND SWITCHGEAR -2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	O	0	414	0	-414	0	0	0	0	0	0
0	75	MECH & ELECTRICAL UPGRADE ENGINEERING -2014 SC	CW	S3	03	-1,027	782	57	0	0	-188	0	-188	o	0	0	0	-188	0	0	0	0	0	-188

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and Fu	ture Year	Cash Flov	v Commitn	nents			Cur	rent and F	uture Yea	Cash Flo	w Comm	itments F	inanced	Ву		
	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal (Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt		Total Financing
WAS9069	981 HIGHLAN	ID CREEK WWTP UPGRADES																						
0 76	MECH SY -2014 SC	/STEMS UPGRADES - CONSTR	CW	S3	03	-1,000	1,031	0	0	0	31	0	31	О	0	0	0	31	0	0	0	0	0	31
0 77	ELEC SY -2014 SC	STEM UPGRADES - CONSTR	CW	S3	03	-1,800	1,076	0	0	0	-724	0	-724	O	0	0	0	-724	0	0	0	0	0	-724
0 78	DIGESTE -2014 SC	R GAS SYSTEM UPGRADES	CW	S3	03	-1,630	-3,280	270	4,630	50	40	0	40	o	0	0	0	40	0	0	0	0	0	40
0 79	ELECTR	CAL UPGRADES-ECAR -2014 SC	c cw	S3	03	-218	-41	-5,930	590	2,720	-2,879	4,800	1,921	0	0	0	0	1,921	0	0	0	0	0	1,921
0 80	RAS AND	BLOWER UPGRADES	CW	S6	04	0	2,500	3,500	3,500	3,500	13,000	6,500	19,500	o	0	0	0	19,500	0	0	0	0	0	19,500
0 82	DIGESTE PLAN	ERS CLEANING REHAB 10 YEAR	CW	S4	03	1,600	2,000	0	0	0	3,600	0	3,600	o	0	0	0	3,600	0	0	0	0	0	3,600
0 83	PLANT F DESIGN	IRM CAPACITY - CONCEPT	CW	S4	03	400	0	0	0	0	400	0	400	o	0	0	0	400	0	0	0	0	0	400
		Sub-total				15,995	27,756	34,915	30,711	17,730	127,107	13,609	140,716	0	0	5,877	0	134,839	0	0	0	0	0	140,716
WAS9069	982 HUMBER	WWTP UPGRADES																						
0 1	BUILDIN	G UPGRADE ENGINEERING	CW	S2	03	34	0	0	0	0	34	0	34	o	0	0	0	34	0	0	0	0	0	34
0 2	Chlorine	Building Upgrade	CW	S2	01	5,226	36	0	0	0	5,262	0	5,262	o	0	0	0	5,262	0	0	0	0	0	5,262
0 5	FLOOD F	PROTECTION	CW	S2	02	150	0	0	0	0	150	0	150	o	0	0	0	150	0	0	0	0	0	150
0 6	NEW SU	BSTATION	CW	S2	03	7,934	0	0	0	0	7,934	0	7,934	o	0	0	0	7,934	0	0	0	0	0	7,934
0 7		CAL CONDITION ASSESSMENT MENDATIONS	CW	S2	01	3,842	4,000	4,750	2,000	2,700	17,292	5,300	22,592	o	0	0	0	22,592	0	0	0	0	0	22,592
0 8		OUNDSKEEPING BUILDING and trol Room	CW	S2	01	1,490	0	0	0	0	1,490	0	1,490	o	0	0	0	1,490	0	0	0	0	0	1,490
0 20	BLDG &	GROUNDS UPGRADE	CW	S2	03	320	376	0	0	0	696	0	696	0	0	0	0	696	0	0	0	0	0	696
0 29	ADMIN B	UILDING EXPANSION	CW	S4	04	100	250	400	0	0	750	0	750	o	0	0	0	750	0	0	0	0	0	750
0 52	HVAC UF	PGRADES	CW	S2	03	1,146	210	0	0	0	1,356	0	1,356	o	0	0	0	1,356	0	0	0	0	0	1,356
0 62	Chlorine	Building Upgrade -2014 SC	CW	S3	01	-826	2,230	25	25	0	1,454	0	1,454	o	0	0	0	1,454	0	0	0	0	0	1,454
0 63	ELECTRI REC -201	CAL CONDITION ASSESSMENT 4 SC	CW	S3	01	-2,167	-1,871	-1,225	425	-450	-5,288	-1,800	-7,088	o	0	0	0	-7,088	0	0	0	0	0	-7,088
0 64	NEW SU	BSTATION -2014 SC	CW	S3	03	-4,971	2,080	3,015	0	0	124	0	124	o	0	0	0	124	0	0	0	0	0	124
0 65	BLDG &	GROUNDS UPGRADE -2014 SC	CW	S3	03	-320	-376	0	0	0	-696	0	-696	o	0	0	0	-696	0	0	0	0	0	-696
0 66	HVAC UF	PGRADES -2014 SC	CW	S3	03	-546	3,290	1,620	20	10	4,394	0	4,394	o	0	0	0	4,394	0	0	0	0	0	4,394
0 68	ADMIN B	UILDING EXPANSION	CW	S6	04	0	0	0	0	0	0	8,455	8,455	0	0	0	0	8,455	0	0	0	0	0	8,455

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

_																								
							Curr	ent and F	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
		oject No. Project Name bProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	De Recov Debt		Total Financing
WA	390698	2 HUMBER WWTP UPGRADES																						
0	69	DIGESTERS CLEANING REHAB 10 YEAPLAN	R CW	S6	03	0	410	825	825	825	2,885	1,225	4,110	o) (0	0	4,110	0	0	0	0	0	4,110
0	70	FLOOD PROTECTION - 2014 SC	CW	S3	02	0	250	0	0	0	250	0	250	o) (0	0	250	0	0	0	0	0	250
0	71	BUILDING UPGRADE ENGINEERING - 2014 SC	CW	S3	03	218	0	0	0	0	218	0	218	o) (0	0	218	0	0	0	0	0	218
0	72	NEW GROUNDSKEEPING BDLG & RAS CONTROL - 2014 SC	CW	S3	01	-40	350	0	0	0	310	0	310	0) (0	0	310	0	0	0	0	0	310
		Sub-total				11,590	11,235	9,410	3,295	3,085	38,615	13,180	51,795	0	(0	0	51,795	0	0	0	0	0	51,795
WA	S90699	4 HIGHLAND CREEK WWTP - SOLIDS & C	GAS HA																					
0	1	HCTP BIOSOLIDS IMPLEMENTATION - ENGINEERING	CW	S2	04	1,911	5,000	4,200	3,000	3,000	17,111	4,300	21,411	o) () 428	0	20,983	0	0	0	0	0	21,411
0	3	WAS THICKENING AND DEWATERING CONSTR	CW	S2	03	4,733	0	16	0	0	4,749	0	4,749	o) (95	0	4,654	0	0	0	0	0	4,749
0	8	HCTP -BIOSOLID IMPLEMENTATION - CONSTRUCTION	CW	S6	04	0	0	0	3,000	25,000	28,000	106,197	134,197	O) (6,478	0	127,719	0	0	0	0	0	134,197
0	11	WAS THICKENING AND DEWATERING CONSTR -2014 SC	CW	S3	03	-3,083	3,000	4,031	0	0	3,948	0	3,948	o) (606	0	3,342	0	0	0	0	0	3,948
0	12	HCTP - BIOSOLIDS IMPLEMENTATION ENG -2014 SC	- CW	S3	04	-711	-700	-1,200		0	-2,611	-1,800	-4,411	0				-5,350	0			0	0	-4,411
		Sub-total				2,850	7,300	7,047	6,000	28,000	51,197	108,697	159,894	0	(8,546	0	151,348	0	0	0	0	0	159,894
WA	S90703	8 Land Acquisition for Source Water Protect	<u>t</u>																					
0	3	EROSION PROTECTION & LAND ACQUISITION	CW	S2	04	2,000	2,000	0	0	0	4,000	0	4,000	o) (0	0	4,000	0	0	0	0	0	4,000
0	9	TRCA CRITICAL EROSION - FUTRE	CW	S6	04	0	0	2,000	2,000	2,000	6,000	10,000	16,000	0) (1,288	0	14,712	0	0	0	0	0	16,000
0	11	EROSION PROTECTION & LAND ACQUISITION -2014 SC	CW	S3	04	5,000	5,000	0	0	0	10,000	0	10,000	O) (1,128	0	8,872	0	0	0	0	0	10,000
		Sub-total				7,000	7,000	2,000	2,000	2,000	20,000	10,000	30,000	0	(2,416	0	27,584	0	0	0	0	0	30,000
WA	S90709	7 ASHBRIDGES BAY WWTP - BUILDING S	SERVIC																					
0	7	CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEMENT	32	S2	02	270	0	0	0	0	270	0	270	o) (0	0	270	0	0	0	0	0	270
0	19	CITY IMPROVEMENTS RE: TH COGEN	CW	S2	04	1,020	1,300	2,500	2,200	1,000	8,020	50	8,070	O) (0	0	8,070	0	0	0	0	0	8,070
0	21	BLOWER BLDG AND OLD NORTH SUBSTAION IMPROVEMENTS	CW	S2	04	0	0	700	1,760	1,950	4,410	1,105	5,515	О) (0	0	5,515	0	0	0	0	0	5,515
0	40	GROVE LANDSCAPING PH1	CW	S6	04	0	0	0	0	0	0	2,000	2,000	o) (0	0	2,000	0	0	0	0	0	2,000
0	45	CONTROLLED SUBSTANCE IDENTIFICATION - 2014 SC	CW	S3	02	0	270	0	0	0	270	0	270	o) (0	0	270	0	0	0	0	0	270
0	46	CITY IMPROVEMENTS RE: TH COGEN -2014 SC	CW	S3	04	-870	-400	-1,200	300	1,200	-970	1,000	30	0) (0	0	30	0	0	0	0	0	30

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	ow Commi	tments F	inanced	Ву		
Sub Pric		<u>iject No. Project Name</u> pProj No. Sub-project Name \	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal (Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2		bt - /erable	Total Financing
-		ASHBRIDGES BAY WWTP - BUILDING SE												Gabolaloo										Ť
0	49	BLOWER BLDG & OLD NORTH SUBSTAION IMPROV - 2014 SC	CW	S3	04	700	1,950	2,105	-1,700	-1,950	1,105	-1,105	0	0	0	0	0	0	0	0	0	0	0	0
		Sub-total				1,120	3,120	4,105	2,560	2,200	13,105	3,050	16,155	0	0	0	0	16,155	0	0	0	0	0	16,155
WAS	907098	ASHBRIDGES BAY WWTP - EFFLUENT SY	'STE																					
0	1	ABTP DISINFECTION ENGINEERING	CW	S2	02	4,498	5,260	4,000	4,000	1,720	19,478	20	19,498	0	0	586	0	18,912	0	0	0	0	0	19,498
0	2	OUTFALL CONSTRUCTION	CW	S6	02	0	0	0	0	5,000	5,000	345,200	350,200	O	0	16,910	0	333,290	0	0	0	0	0	350,200
0	13	ABTP OUTFALL ASSESSMENT	CW	S2	02	688	0	0	0	0	688	0	688	0	0	20	0	668	0	0	0	0	0	688
0	14	ABTP OUTFALL ENGINEERING	CW	S6	02	0	700	6,300	5,000	6,000	18,000	16,500	34,500	0	0	1,665	0	32,835	0	0	0	0	0	34,500
0	15	ABTP DISINFECTION CONSTRUCTION	CW	S6	02	0	1,000	4,000	35,000	70,000	110,000	75,500	185,500	0	0	8,957	0	176,543	0	0	0	0	0	185,500
0	19	ABTP DISINFECTION ENGINEERING -2014 SC	CW	S3	02	-3,498	-3,611	-500	410	-110	-7,309	1,119	-6,190	0	0	486	0	-6,676	0	0	0	0	0	-6,190
0	20	ABTP OUTFALL ASSESSMENT -2014 SC	CW	S3	02	-475	1,300	0	0	0	825	0	825	0	0	102	0	723	0	0	0	0	0	825
		Sub-total				1,213	4,649	13,800	44,410	82,610	146,682	438,339	585,021	0	0	28,726	0	556,295	0	0	0	0	0	585,021
WAS	907099	ASHBRIDGES BAY WWTP - LIQUID TREAT	<u>13M7</u>																					
0	1	FINE BUBBLE AERATION IMPLEMENTATION	CW	S2	03	12,450	4,000	0	0	0	16,450	0	16,450	0	0	494	0	15,956	0	0	0	0	0	16,450
0	2	PRIMARY TREATMENT UPGRADE - DESIGN & CONST CONT #2	CW	S6	04	0	0	0	0	2,000	2,000	50,000	52,000	0	0	2,512	0	49,488	0	0	0	0	0	52,000
0	3	PRIMARY TREATMENT UPGRADE CONT #1	CW	S2	03	37,680	35,200	30,200	29,200	0	132,280	0	132,280	0	0	3,969	0	128,311	0	0	0	0	0	132,280
0	5	FINE BUBBLE AERATION CONSTR CONT#2	CW	S6	03	0	0	0	1,000	22,000	23,000	188,000	211,000	0	0	10,189	0	200,811	0	0	0	0	0	211,000
0	6	M & T PUMPING STATION CRITICAL REPAIRS	CW	S4	03	1,200	4,500	2,670	0	0	8,370	0	8,370	0	0	0	0	8,370	0	0	0	0	0	8,370
0	7	Primary and Secondary Tanks Rehabilitation	CW	S2	03	414	0	0	0	0	414	4,618	5,032	0	0	156	0	4,876	0	0	0	0	0	5,032
0	10	INTERGRATED PUMPING STATION - ENGINEERING	CW	S2	03	4,144	9,955	4,005	3,000	3,000	24,104	11,000	35,104	0	0	1,053	0	34,051	0	0	0	0	0	35,104
0	12	WORK AREA 1 REHAB	CW	S2	03	20	20	0	0	0	40	0	40	0	0	0	0	40	0	0	0	0	0	40
0	13	WORK AREA 5 REHAB	CW	S2	03	400	0	0	0	0	400	0	400	0	0	0	0	400	0	0	0	0	0	400
0	39	INTEGRATED PUMPING STATION - CONSTRUCTION	CW	S2	03	3,500	0	0	0	0	3,500	0	3,500	0	0	105	0	3,395	0	0	0	0	0	3,500
0	45	WORK AREA 1 REHAB-2014 SC	CW	S3	03	175	-18	0	0	0	157	0	157	0	0	0	0	157	0	0	0	0	0	157
0	46	WORK AREA 5 REHAB-2014 SC	CW	S3	03	-400	0	0	0	0	-400	0	-400	0	0	0	0	-400	0	0	0	0	0	-400

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cui	rent and Fu	ture Year	Cash Flo	w Commi	itments F	inanced B	у		
<u>Sub</u> Prio		<u>ject No. Project Name</u> Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recove Debt	rable	Total Financing
WAS	907099	ASHBRIDGES BAY WWTP - LIQUID TREA	1 <u>amt</u>																					
0	51	FINE BUBBLE AERATION IMPLEMENTATION -2014 SC	CW	S3	03	-10,000	5,500	8,000	0	0	3,500	0	3,500	0	0	1,112	0	2,388	0	0	0	0	0	3,500
0	52	INTEGRATED PUMPING STATION - ENGINEERING -2014 SC	CW	S3	03	-2,236	-5,455	3,045	4,050	4,000	3,404	10,233	13,637	0	0	-1,053	0	14,690	0	0	0	0	0	13,637
0	53	PRIMARY TREATMENT UPGRADE CONT #1 -2014 SC	CW	S3	03	-16,980	-9,225	-200	4,300	28,000	5,895	0	5,895	0	0	7,150	0	-1,255	0	0	0	0	0	5,895
0	54	INTEGRATED PUMPING STATION - CONS -2014 SC	CW	S3	03	-3,500	0	10,000	35,000	45,000	86,500	235,000	321,500	0	0	-105	0	321,605	0	0	0	0	0	321,500
0	55	Primary and Secondary Tanks Rehab -2014 SC	. CW	S3	03	1,486	1,100	100	0	0	2,686	-4,618	-1,932	0	0		0	-2,027	0	0		0	0	-1,932
		Sub-total				28,353	45,577	57,820	76,550	104,000	312,300	494,233	806,533	0	0	25,677	0	780,856	0	0	0	0	0	806,533
WAS	907100	ASHBRIDGES BAY WWTP - SOLIDS & GA	S HA																					
0	3	WASTE ACTIVATED SLUDGE UPGRADE ENGINEERING	- CW	S2	03	3,760	2,800	2,200	2,000	2,000	12,760	4,100	16,860	0	0	506	0	16,354	0	0	0	0	0	16,860
0	4	DIGESTERS 9-12 REFURBISHMENT	CW	S2	03	5,320	13,510	12,310	40	30	31,210	0	31,210	0	0	935	0	30,275	0	0	0	0	0	31,210
0	8	BIOSOLIDS PELLETIZER RETROFIT	CW	S2	03	400	400	0	0	0	800	0	800	0	0	0	0	800	0	0	0	0	0	800
0	22	WASTE ACTIVATED SLUDGE UPGRADE CONSTRUCTION	- CW	S6	03	0	0	5,000	15,000	20,000	40,000	45,000	85,000	0	0	4,103	0	80,897	0	0	0	0	0	85,000
0	25	PELLETIZER TRUCK LOADING FACILITY UPGRADES	CW	S2	03	1,480	0	0	0	0	1,480	0	1,480	0	0	0	0	1,480	0	0	0	0	0	1,480
0	28	DIGESTERS 9-12 REFURBISHMENT -2014 SC	4 CW	S3	03	-4,670	-13,160	-1,310	10,970	8,280	110	70	180	0	0	1,590	0	-1,410	0	0	0	0	0	180
0	29	WASTE ACTIVATED SLUDGE UPGRADE ENG -2014 SC			03	-1,760	-300	1,800	500	0	240	0	240	0	0		0	-630	0	0	0	0	0	240
0	30	PELLETIZER TRUCK LOADING FACILITY UPGRADE -2014 SC	CW	S3	03	-930	1,000	0	0	0	70	0	70	0	0		0	70	0	0	0	0	0	70
		Sub-total				3,600	4,250	20,000	28,510	30,310	86,670	49,170	135,840	0	0	8,004	0	127,836	0	0	0	0	0	135,840
WAS	907101	ASHBRIDGES BAY WWTP - O&M UPGRA	DES																					
0	5	PROCESS & EQUIP UPGRADES	CW	S2	03	46	0	0	0	0	46	0	46	0	0	0	0	46	0	0	0	0	0	46
0	6	MESI UPGRADES	CW	S2	03	2,311	0	0	0	0	2,311	0	2,311	0	0	0	0	2,311	0	0	0	0	0	2,311
0	7	MISC MECH REHAB	CW	S2	03	6,216	4,000	0	0	0	10,216	0	10,216	0	0	0	0	10,216	0	0	0	0	0	10,216
0	18	MISC MECH REHAB -2014 SC	CW	S3	03	-4,877	1,500	5,000	0	0	1,623	0	1,623	0	0	0	0	1,623	0	0	0	0	0	1,623
0	19	Process & Equip Upgrades -2014 SC	CW	S3	03	23	69	0	0	0	92	0	92	0	0	0	0	92	0	0	0	0	0	92
0	20	MESI UPGRADES -2014 SC	CW	S3	03	0	2,500	0	0	0	2,500	0	2,500	0	0	0	0	2,500	0	0	0	0	0	2,500

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Comm	itments F	inanced	Ву		
Sub Pric		ject No. Project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Del Recov Debt		Total Financing
WAS	907101	ASHBRIDGES BAY WWTP - O&M UPGRA	<u>DES</u>												-									
0	21	MESI UPGRADES - FUTURE YEAR	CW	S6	03	0	0	2,500	2,500	2,500	7,500	12,500	20,000	С) (0	0	20,000	0	0	0	0	0	20,000
		Sub-total				3,719	8,069	7,500	2,500	2,500	24,288	12,500	36,788	0	C	0	0	36,788	0	0	0	0	0	36,788
WAS	907102	ASHBRIDGES BAY WWTP - ODOUR CON	ITROL																					
0	6	BIOFILTERS UPGRADE	CW	S2	03	7,396	7,091	2,100	122	0	16,709	0	16,709	c) (502	0	16,207	0	0	0	0	0	16,709
0	13	D BUILDING TREATMENT & BIOFILTER	CW	S2	03	1,700	0	0	0	0	1,700	0	1,700	c) (51	0	1,649	0	0	0	0	0	1,700
0	29	D BUILDING TREATMENT & BIOFILTER -2014 SC	CW	S3	03	-500	1,613	0	0	0	1,113	0	1,113	C) (176	0	937	0	0	0	0	0	1,113
0	31	BIOFILTERS UPGRADE -2014 SC	CW	S3	03	-6,299	-251	6,642	6,000	0	6,092	0	6,092	С) (1,333	0	4,759	0	0	0	0	0	6,092
		Sub-total				2,297	8,453	8,742	6,122	0	25,614	0	25,614	0	C	2,062	0	23,552	0	0	0	0	0	25,614
WAS	907104	HUMBER WWTP - LIQUID TREATMENT &	HAN																					
0	2	SECONDARY TREATMENT UPGRADES	CW	S2	03	13,998	23,245	28,245	43,225	43,225	151,938	122,720	274,658	C) (2,745	0	271,913	0	0	0	0	0	274,658
0	15	SECONDARY TREATMENT UPGRADES -2014 SC	CW	S3	03	-9,133	-14,917	-24,754	-40,000	-40,113	-128,917	-117,990	-246,907	C) (-2,745	0	-244,162	0	0	0	0	0	-246,907
0	16	SECONDARY TREATMENT UPGRADES - SOUTH - CONSTRUCTIO	CW	S6	03	0	0	5,000	30,000	40,000	75,000	165,000	240,000	c) (0	0	240,000	0	0	0	0	0	240,000
0	17	SECONDARY TREATMENT UPGRADES - NORTH PLANT	CW	S6	03	0	0	0	0	0	0	3,000	3,000	С) (0	0	3,000	0	0	0	0	0	3,000
		Sub-total				4,865	8,328	8,491	33,225	43,112	98,021	172,730	270,751	0	C	0	0	270,751	0	0	0	0	0	270,751
WAS	907105	HUMBER WWTP - O&M UPGRADES																						
0	1	Digester 7 & 8 Upgrades & Cogen Upgrade	s CW	S2	03	9,850	4,000	1,000	0	0	14,850	0	14,850	c) (0	0	14,850	0	0	0	0	0	14,850
0	2	LIQUID STREAM UPGRADES	CW	S2	03	300	0	0	0	0	300	0	300	C) (3	0	297	0	0	0	0	0	300
0	11	DIGESTER CLEANING & UPGRADES	CW	S2	03	600	0	0	0	0	600	0	600	c) (0	0	600	0	0	0	0	0	600
0	24	Digester 7 & 8 Upgrades & Cogen Upgrade -2014 SC	s CW	S3	03	-4,700	4,634	2,304	0	0	2,238	0	2,238	C) (0	0	2,238	0	0	0	0	0	2,238
0	25	LIQUID STREAM UPGRADES -2014 SC	CW	S3	03	-250	250	0	0	0	0	0	0	C) (21	0	-21	0	0	0	0	0	0
0	26	DIGESTER CLEANING & UPGRADES - 2014 SC	CW	S3	03	-600	0	0	0	0	-600	0	-600	С) (0	0	-600	0	0	0	0	0	-600
		Sub-total				5,200	8,884	3,304	0	0	17,388	0	17,388	0	C	24	0	17,364	0	0	0	0	0	17,388
WAS	907106	HUMBER WWTP - ODOUR CONTROL																						
0	1	Odour Control Implementation Phase 1	CW	S2	02	19,550	15,000	15,000	10,000	0	59,550	0	59,550	c) (596	0	58,954	0	0	0	0	0	59,550

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

							Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commitr	nents F	inanced l	Зу		
		<u>oject No. Project Name</u> bProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
		HUMBER WWTP - ODOUR CONTROL												Cabbiaico										
0	10	Odour Control Implementation Phase 1 -2014 SC	CW	S3	02	-14,550	0	5,000	10,000	5,000	5,450	0	5,450	C	0	4,635	0	815	0	0	0	0	0	5,450
		Sub-total				5,000	15,000	20,000	20,000	5,000	65,000	0	65,000	0	0	5,231	0	59,769	0	0	0	0	0	65,000
WAS	907224	SEWAGE PUMPING STATION UPGRADE	S											İ										
0	1	SPS UPGRADES	CW	S2	02	9,072	4,800	5,030	2,990	1,094	22,986	0	22,986	C	0	1,724	0	21,262	0	0	0	0	0	22,986
0	2	SCOTT STREET PS UPGRADES	CW	S2	05	5	0	0	0	0	5	0	5	C	0	0	0	5	0	0	0	0	0	5
0	4	SUNNYSIDE AND MARYPORT SPS UPGRADES	CW	S2	03	1,511	0	0	0	0	1,511	0	1,511	C	0	114	0	1,397	0	0	0	0	0	1,511
0	18	SPS UPGRADES -GROUP 6&7	CW	S6	02	0	0	110	410	3,550	4,070	40,410	44,480	C	0	0	0	44,480	0	0	0	0	0	44,480
0	19	SCOTT STREET PS UPGRADES -2014 S	c cw	S3	05	15	20	0	0	0	35	0	35	C	0	4	0	31	0	0	0	0	0	35
0	20	SUNNYSIDE AND MARYPORT SPS UPGRADES -2014 SC	CW	S3	03	1,024	202	2	0	0	1,228	0	1,228	C	0	106	0	1,122	0	0	0	0	0	1,228
0	21	SPS UPGRADES -2014 SC	CW	S3	02	-2,372	420	-2,980	-2,590	-1,094	-8,616	0	-8,616	C	0	-568	0	-8,048	0	0	0	0	0	-8,616
		Sub-total				9,255	5,442	2,162	810	3,550	21,219	40,410	61,629	0	0	1,380	0	60,249	0	0	0	0	0	61,629
WAS	907559	DON & WATERFRONT TRUNK CSO																					\neg	
0	1	DON & WATERFRONT TRUNK/CSO PKG - DESIGN	a1 CW	S2	04	3,440	3,000	3,000	3,000	1,800	14,240	5,400	19,640	C	0	1,964	0	17,676	0	0	0	0	0	19,640
0	3	DON AND WATERFRONT TRUNK/CSO - PKG 1 - CONST	CW	S6	04	0	0	1,000	20,000	30,000	51,000	152,000	203,000	C	0	9,800	0	193,200	0	0	0	0	0	203,000
0	4	DON & WATERFRONT CSO/TRUNK - PK 2 - CONST	G CW	S6	04	0	0	0	0	0	0	26,000	26,000	C	0	1,255	0	24,745	0	0	0	0	0	26,000
0	8	Don & Waterfront Trunk/CSO CONS - BEYOND 2021	CW	S6	04	0	0	0	0	0	0	40,000	40,000	C	0	0	0	40,000	0	0	0	0	0	40,000
0	9	DON & WATERFRONT TRUNK/CSO PKG - DESIGN -2014 SC	1 CW	S3	04	-1,608	3,589	8,347	7,347	8,547	26,222	11,400	37,622	C	0	2,644	0	34,978	0	0	0	0	0	37,622
		Sub-total				1,832	6,589	12,347	30,347	40,347	91,462	234,800	326,262	0	0	15,663	0	310,599	0	0	0	0	0	326,262
WAS	907700	NORTH TORONTO WTP UPGRADES																						
0	2	NTTP-ELECTRICAL UPGRADES	CW	S2	01	1,750	1,500	0	0	0	3,250	0	3,250	C	0	0	0	3,250	0	0	0	0	0	3,250
0	7	NTTP-ELECTRICAL UPGRADES -2014 Se	c cw	S3	01	-983	-585	777	522	253	-16	0	-16	C	0	0	0	-16	0	0	0	0	0	-16
		Sub-total				767	915	777	522	253	3,234	0	3,234	0	0	0	0	3,234	0	0	0	0	0	3,234
WAS	WP003	B EMERY CREEK POND																					\exists	
0	1	EMERY CREEK POND	CW	S2	04	2,258	2,550	550	0	0	5,358	0	5,358	C	0	536	0	4,822	0	0	0	0	0	5,358

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

n uctomator i regium																			
		Curr	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	r Cash Flo	w Comm	itments F	inanced	Ву		
Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recove Debt	rable	Total Financing
WASWP003 EMERY CREEK POND																			
0 12 EMERY CREEK POND -2014 SC CW S3 04	152	0	0	0	0	152	0	152	0	(93 -93	0	245	0	0	0	0	0	152
Sub-total	2,410	2,550	550	0	0	5,510	0	5,510	0	(0 443	0	5,067	0	0	0	0	0	5,510
WASWP050 EQUIPMENT REPLACEMENT & REHABILITATION																		ĺ	
0 26 REHAB OF SOUTH PRIMARY CLARIFIERS CW S2 03	18	0	0	0	0	18	0	18	0	(0 0	0	18	0	0	0	0	0	18
0 30 ABTP - DIG. TANKS #1-8 MODS. CW S2 03	10	0	0	0	0	10	0	10	0	(0 0	0	10	0	0	0	0	0	10
0 35 MTI REAL TIME CONTROL CW S2 04	2,200	2,000	0	0	0	4,200	0	4,200	0	(210	0	3,990	0	0	0	0	0	4,200
0 122 North Primaries Pumping Equipment -2014 CW S3 03 SC	-904	1,020	1,500	705	0	2,321	0	2,321	0	(0 0	0	2,321	0	0	0	0	0	2,321
0 123 MTI REAL TIME CONTROL -2014 SC CW S3 04	-2,000	-2,000	0	2,000	2,000	0	0	0	0	(210	0	210	0	0	0	0	0	0
0 124 ABTP - DIG. TANKS #1-8 MODS2014 SC CW S3 03	-10	0	0	0	0	-10	0	-10	0	(0 0	0	-10	0	0	0	0	0	-10
0 126 REHAB OF SOUTH PRIMARY CLARIFIERS CW S3 03 - 2014 SC	-8	0	0	0	0	-8	0	-8	0	(0 0	0	-8	0	0	0	0	0	-8
1 78 North Primaries Pumping Equipment CW S2 03	1,424	1,500	830	450	0	4,204	0	4,204	0	(0 0	0	4,204	0	0	0	0	0	4,204
Sub-total	730	2,520	2,330	3,155	2,000	10,735	0	10,735	0	(0 0	0	10,735	0	0	0	0	0	10,735
Total Program Expenditure	348,272	461,245	547,816	626,780	693,331	2,677,444	3,323,393	6,000,837	0	(237,426	0 !	5,763,411	0	0	0	0	0	6,000,837

Oct-24-2013 18:42:36

Page 19 of 19

Report 7C

Report Phase 2 - Program 11 Wastewater 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)

Appendix 3: 2014 Recommended Capital Budget; 2015 to 2023 Capital Plan

Wastewater Program																			
		C	Current and	Future Ye	ar Cash F	low Comn	mitments ar	d Estimate	s		Curren	t and Future	Year Cash Flow	Commitme	nts and	Estimates	s Finan	ced By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name	Ward Stat. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023		Federal D Subsidy	evelopment Charges	Reserve Reserves Funds		Other 1	Other2		Debt - Recoverable	Total Financing
Financed By: Development Charges		24,566	17,245	21,967	22,394	23,812	109,984	127,442	237,426	0	0	237,426	0 () 0	. (0 0)	0 0	237,426
Reserve Funds (Ind."XR" Ref.)		323,706	444,000	525,849	604,386	669,519	2,567,460	3,195,951	5,763,411	0	0	0	05,763,41	0		0 0)	0 0	5,763,411
Total Program Financing		348,272	461,245	547,816	626,780	693,331	2,677,444	3,323,393	6,000,837	0	0	237,426	05,763,41	0	(0 0)	0 0	6,000,837

Status Code	Description
S2	S2 Prior Year (With 2014 and\or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2014 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 2015 & Beyond)

Category Code Description

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

State of Good Repair C03 Service Improvement and Enhancement C04

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

Appendix 4

2014 Recommended Cash Flow and Future Year Commitments

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

Water	Program	

							Curre	ent and F	ıture Yeaı	r Cash Flo	w Commitn	nents			Cur	rent and Fu	iture Year	Cash Flo	w Commit	ments F	inanced E	Зу		
<u>Sub</u> Prio		iect No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
WAT	000004	HORGAN W.T.P. EXPANSION																						
0	2	PLANT EXPANSION - DESIGN & CONSTR ADMIN	CW	S2	05	100	0	0	0	0	100	0	100	С	0	21	0	47	0	0	32	0	0	100
0	18	SUPERNATANT AND FORCEMAIN INSTALLATION	CW	S2	05	4,098	0	0	0	0	4,098	0	4,098	C	0	864	0	3,234	0	0	0	0	0	4,098
0	29	SUPERNATANT AND FORCEMAIN INSTALLATION -2014 SC	CW	S3	05	-1,598	4,500	0	0	0	2,902	0	2,902	c	0	1,373	0	1,529	0	0	0	0	0	2,902
0	30	PLANT EXPANSION - DESIGN & CONSTR ADMIN -2014 SC	CW	S3	05	100	940	0	0	0	1,040	0	1,040	c	0	343	0	364	0	0	333	0	0	1,040
0	31	PLANT EXPANSION - CONSTRUCTION -2014 SC	CW	S3	05	-4,000	-310	0	0	0	-4,310	0	-4,310	c	0	-712	0	-2,219	0	0	-1,379	0	0	-4,310
1	5	PLANT EXPANSION - CONSTRUCTION	CW	S2	05	5,115	1,000	0	0	0	6,115	0	6,115	С	0	1,289	0	2,869	0	0	1,957	0	0	6,115
		Sub-total				3,815	6,130	0	0	0	9,945	0	9,945	0	0	3,178	0	5,824	0	0	943	0	0	9,945
WAT	000014	WATER STORAGE EXPANSION																						
0	1	DUFFERIN RES. EXT DESIGN AND CONT. ADMIN	CW	S2	05	19	0	0	0	0	19	0	19	C	0	5	0	14	0	0	0	0	0	19
0	2	Milliken PS and Reservoir - Engineering	CW	S2	05	25	25	0	0	0	50	0	50	C	0	10	0	22	0	0	18	0	0	50
0	5	Dufferin Reservoir Expansion - CONST	CW	S2	05	100	1,100	0	0	0	1,200	0	1,200	C	0	372	0	828	0	0	0	0	0	1,200
0	18	MILLIKEN P.S. CONSTRUCTION	CW	S2	05	100	1,200	0	0	0	1,300	0	1,300	C	0	0	0	0	0	0	1,300	0	0	1,300
0	28	MILLIKEN PS RESERVOIR EXT .CONSTRUCTION	CW	S2	05	100	2,400	0	0	0	2,500	0	2,500	C	0	519	0	1,041	0	0	940	0	0	2,500
0	42	DUFFERIN RES. EXT. DESIGN & CONT ADMIN -2014 SC	CW	S3	05	-14	5	0	0	0	-9	0	-9	c	0	1	0	-10	0	0	0	0	0	-9
0	44	Dufferin Reservoir Expansion - CONST -2014 SC	CW	S3	05	-100	-1,100	0	0	0	-1,200	0	-1,200	c	0	-372	0	-828	0	0	0	0	0	-1,200
0	45	MILLIKEN PS RESERVOIR EXT .CONSTRUCTION -2014 SC	CW	S3	05	-100	-2,400	0	0	0	-2,500	0	-2,500	C	0	-519	0	-1,041	0	0	-940	0	0	-2,500
0	46	MILLIKEN P.S. CONSTRUCTION -2014 SC	CW	S3	05	-100	-1,200	0	0	0	-1,300	0	-1,300	C	0	0	0	0	0	0	-1,300	0	0	-1,300
0	47	Milliken PS and Reservoir - Engineering - 2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	С	0	10	0	-10	0	0	0	0	0	0
		Sub-total				30	30	0	0	0	60	0	60	0	0	26	0	16	0	0	18	0	0	60
WAT	000018	CLARK RESIDUE MGMT. FACILITIES																						
0	24	RESIDUALS RETROFITS & UPGRADES	CW	S2	02	400	100	0	0	0	500	0	500	c	0	25	0	475	0	0	0	0	0	500
0	26	RESIDUALS RETROFITS & UPGRADES -2014 SC	CW	S3	02	-200	350	0	0	0	150	0	150	c	0	-25	0	175	0	0	0	0	0	150
		Sub-total				200	450	0	0	0	650	0	650	0	0	0	0	650	0	0	0	0	0	650
WAT	000021	WATER EFFICIENCY PROGRAM																					\exists	
0	10	ICI INDOOR WATER AUDIT	CW	S2	05	368	300	300	300	0	1,268	0	1,268	С	0	1,268	0	0	0	0	0	0	0	1,268

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

							Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fut	ure Year	Cash Flow	v Commit	ments F	inanced E	Зу		
Sul Pri		ject No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal (Development Charges F	Reserves	Reserve Funds (Capital from Current	Other 1	Other2	Deb Recovi Debt	erable	Total Financing
WA	000021	WATER EFFICIENCY PROGRAM																						
0	11	PUBLIC EDUCATION & PROMOTIONS	CW	S2	05	198	150	150	150	0	648	0	648	С	0	389	0	259	0	0	0	0	0	648
0	12	ANCILLARY COSTS	CW	S2	05	70	70	70	70	0	280	0	280	C	0	280	0	0	0	0	0	0	0	280
0	87	PUBLIC EDUCATION & PROMOTIONS -2014 SC	CW	S3	05	-48	0	0	0	0	-48	0	-48	С	0	211	0	-259	0	0	0	0	0	-48
0	90	ICI INDOOR WATER AUDIT - 2014 SC	CW	S3	05	-68	0	0	0	0	-68	0	-68	С	0	-68	0	0	0	0	0	0	0	-68
		Sub-total				520	520	520	520	0	2,080	0	2,080	0	0	2,080	0	0	0	0	0	0	0	2,080
WA	000340	ISLAND PLANT WINTERIZATION																						
0	1	PLANT WINTERIZATION & SUMMERIZATION	CW	S2	04	505	0	0	0	0	505	0	505	C	0	0	0	505	0	0	0	0	0	505
0	13	PLANT WINTERIZATION & SUMMERIZATION- 2014 SC	CW	S3	04	-335	388	0	0	0	53	0	53	С	0	0	0	53	0	0	0	0	0	53
		Sub-total				170	388	0	0	0	558	0	558	0	0	0	0	558	0	0	0	0	0	558
WA ²	000352	WM MARKHAM/SHEPPARD TO BAYVIE	W/FINC																					
0	7	JOS WM MARKHAM/SHEPPARD TO BAYVIEW/FINCH	CW	S2	05	316	0	0	0	0	316	0	316	C	0	0	0	316	0	0	0	0	0	316
0	18	JOS MARKHAM/SHEPPARD BAYVIEW/FINCH HYDRO -2014 SC	CW	S3	05	84	0	0	0	0	84	0	84	С	0	0	0	84	0	0	0	0	0	84
		Sub-total				400	0	0	0	0	400	0	400	0	0	0	0	400	0	0	0	0	0	400
WA ⁻	000363	ENGINEERING STUDIES																						
0	2	IMPROVED TREATMENT STUDIES	CW	S2	04	20	20	0	0	0	40	0	40	С	0	0	0	40	0	0	0	0	0	40
0	18	Controlled Substances ID and Abatement	CW	S2	02	200	200	0	0	0	400	0	400	С	0	0	0	400	0	0	0	0	0	400
0	31	ENERGY EFFICIENCY IMPLEMENTATIO - 2014 SC	N CW	S3	04	50	50	0	0	0	100	0	100	C	0	0	0	100	0	0	0	0	0	100
0	38	CORROSION CONTROL	CW	S2	02	7,360	110	0	0	0	7,470	0	7,470	С	0	0	0	7,470	0	0	0	0	0	7,470
0	55	CORROSION CONTROL -2014 SC	CW	S3	02	-1,272	1,291	0	0	0	19	0	19	С	0	455	0	-436	0	0	0	0	0	19
0	56	IMPROVED TREATMENT STUDIES -201- SC	4 CW	S3	04	620	80	50	0	0	750	0	750	С	0	0	0	750	0	0	0	0	0	750
		Sub-total				6,978	1,751	50	0	0	8,779	0	8,779	0	0	455	0	8,324	0	0	0	0	0	8,779
WA ⁻	906334	BUSINESS SYSTEM INFRASTRUCTURE	<u>- PW</u>																					
0	7	NETWORK EQUIPMENT REPLACEMENT	T CW	S2	03	205	1,163	0	0	0	1,368	0	1,368	С	0	0	0	1,368	0	0	0	0	0	1,368
0	8	NETWORK CABLE LIFECYCLE REPLACEMENT	CW	S2	03	4,490	560	165	0	0	5,215	0	5,215	C	0	0	0	5,215	0	0	0	0	0	5,215
0	9	TRUNK RADIO SYSTEM	CW	S2	04	0	0	200	100	0	300	0	300	C	0	0	0	300	0	0	0	0	0	300

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	ıture Year	Cash Flov	w Commitn	nents			Cur	rent and Fu	ture Year (Cash Flo	w Comm	itments	Financed	Ву		
<u>Sub</u> Prio		ect No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal (Development Charges	F Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	Debt - overable	Total Financing
WAT	906334	BUSINESS SYSTEM INFRASTRUCTURE -	PW																					
0	12	PCS LEGACY ALARM IMPROVEMENT - 2014 SC	CW	S3	04	0	600	0	0	0	600	0	600	0	0	0	0	600	0) (0	0	0	600
0	23	RELIABILITY IMPROVEMENT PROGRAM	CW	S2	04	475	600	500	150	150	1,875	350	2,225	0	0	0	0	2,225	0) (0	0	0	2,225
0	39	PCS LEGACY ALARM IMPROVEMENT	CW	S2	04	750	0	0	0	0	750	0	750	0	0	0	0	750	0) (0	0	0	750
0	41	BUSINESS & TECH IMPROVEMENT - PHASE 2	CW	S2	04	1,524	500	0	0	0	2,024	0	2,024	0	0	0	0	2,024	0) (0	0	0	2,024
0	42	WTP WS PLC PLATFORM UPGRADE AND PCS IMPROVEMENTS	CW	S2	04	1,610	3,000	440	0	0	5,050	0	5,050	0	0	0	0	5,050	0) (0	0	0	5,050
0	54	NETWORK EQUIPMENT REPLACEMENT -2014 SC	CW	S3	03	360	360	0	0	0	720	0	720	0	0	0	0	720	0) (0	0	0	720
0	55	NETWORK CABLE LIFECYCLE REPLACEMENT -2014 SC	CW	S3	03	-2,530	4,980	1,951	11	0	4,412	0	4,412	0	0	0	0	4,412	0) (0	0	0	4,412
0	56	RELIABILITY IMPROVEMENT PROGRAM - 2014 SC	- CW	S3	04	-275	-400	-500	-150	-150	-1,475	-350	-1,825	0	0	0	0	-1,825	0) (0	0	0	-1,825
0	57	BUSINESS & TECH IMPROVEMENT - PHASE 2 -2014 SC	CW	S3	04	1,172	1,068	970	1,047	792	5,049	0	5,049	0	0	0	0	5,049	0) (0	0	0	5,049
0	58	WTP WS PLC PLATFORM UPGRADE & PCS IMPROV -2014 SC	CW	S3	04	1,049	-1,500	-200	760	0	109	0	109	0	0	0	0	109	0) (0	0	0	109
		Sub-total				8,830	10,931	3,526	1,918	792	25,997	0	25,997	0	0	0	0	25,997	0) (0	0	0	25,997
WΔT	ดบยวงบ	METERING & METER READING SYS												İ										
0	2	AUTOMATED METER READING SYSTEM				49,957	44,531	38,150	0	0	132,638	0	132,638	0	0	0		132,638	0			0	0	
0	13	AUTOMATED METER READING SYSTEM 2014 SC	- CW	S3	04	-2,507	1,125	6,525	5,000	0	10,143	0	10,143	0	0	0		10,143	0			0	0	
		Sub-total				47,450	45,656	44,675	5,000	0	142,781	U	142,781	0	0	0	<u> </u>	142,781	0	, (0			142,781
WAT	906467	AVENUE ROAD TRUNKMAIN REPLACEME	<u>ENT</u>																					
0	1	AVENUE RD WM ENGINEERING - HI LEVEL TO LAWRENCE	CW	S2	03	112	0	0	0	0	112	0	112	0	0	0	0	93	0) () 19	0	0	112
0	2	AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWRENCE	CW	S2	03	1,500	1,500	700	0	0	3,700	0	3,700	0	0	47	0	2,962	0) (691	0	0	3,700
0	23	AVENUE RD WM ENG - HI LEVEL TO LAWRENCE -2014 SC	CW	S3	03	23	0	0	0	0	23	0	23	0	0	68	0	-51	0) (6	0	0	23
0	24	AVENUE RD WM CONS - HI LEVELTO LAWRENCE -2014 SC	CW	S3	03	-1,300	0	1,300	0	0	0	0	0	0	0	1,818	0	-1,818	0) (0	0	0	0
		Sub-total				335	1,500	2,000	0	0	3,835	0	3,835	0	0	1,933	0	1,186	0) (716	0	0	3,835
WAT	906468	HORGAN TRUNK MAIN EXPANSION																						
0	1	JOS - HORGAN TO ELLESMERE WM - ENGINEERING	CW	S2	05	200	200	200	200	200	1,000	0	1,000	0	0	190	0	485	0) (325	0	0	1,000
0	3	HORGAN TO ELLESMERE - CONSTRUCTION	CW	S2	05	0	3,000	5,000	10,000	10,000	28,000	20,000	48,000	0	0	9,077	0	23,342	0) (15,581	0	0	48,000
0	39	JOS - HORGAN TO ELLESMERE WM - ENG -2014 SC	CW	S3	05	-98	100	650	650	300	1,602	20	1,622	0	0	807	0	290	0) (525	0	0	1,622

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

								Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year	Cash Flo	w Commi	tments F	nanced	Ву		
<u>Sul</u> Pri		oject No. Project Name	•	Ward S	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Del Recov Debt	erable	Total Financing
WA	906468	8 HORGAN TRUNK MAIN E	<u>XPANSION</u>																						
0	40	HORGAN TO ELLESMERI CONSTRUCTION -2014 S		CW	S3	05	0	-2,500	1,000	8,000	8,000	14,500	500	15,000	() 0	14,833	0	-4,703	0	0	4,870	0	0	15,000
		Sub-total					102	800	6,850	18,850	18,500	45,102	20,520	65,622	0	0	24,907	0	19,414	0	0	21,301	0	0	65,622
WA ⁻	906470	0 ISLAND W.T.P. R&R																							
0	8	CHEMICAL & RESIDUALS	MNGT - ENG	CW	S2	02	1,150	200	200	200	200	1,950	450	2,400	C	0	121	0	2,279	0	0	0	0	0	2,400
0	26	CHEMICAL & RESIDUALS -2014 SC	MNGT - ENG	CW	S3	02	-1,000	500	350	50	50	-50	50	0	C	0	-121	0	121	0	0	0	0	0	o
		Sub-total					150	700	550	250	250	1,900	500	2,400	0	0	0	0	2,400	0	0	0	0	0	2,400
WA ⁻	90648	1 DISTRICT WATERMAINS	- NEW																						
0	1	DIST W/MAINS NEW		CW	S2	05	500	0	0	0	0	500	0	500	C	0	296	0	204	0	0	0	0	0	500
0	12	DIST W/MAINS NEW -201	4 SC	CW	S3	05	-306	350	500	0	0	544	0	544	C	0	-296	0	840	0	0	0	0	0	544
		Sub-total					194	350	500	0	0	1,044	0	1,044	0	0	0	0	1,044	0	0	0	0	0	1,044
WA ⁻	90648	3 PW ENGINEERING				İ																			
0	2	CAPITAL PRGMG & FACI PLANNING	LITY ASSET	CW	S2	03	1,110	750	0	0	0	1,860	0	1,860	C	0	0	0	1,860	0	0	0	0	0	1,860
0	5	WATERMAIN ASSET PLA	NNING	CW	S2	03	561	400	0	0	0	961	0	961	ď	0	0	0	961	0	0	0	0	0	961
0	7	EASEMENT ACQUISITION	N	CW	S2	04	472	300	0	0	0	772	0	772	C	0	0	0	772	0	0	0	0	0	772
0	22	WATER LOSS REDUCTION	ON STRATEGY	CW	S2	03	364	225	1,500	2,000	2,500	6,589	350	6,939	C	0	0	0	6,939	0	0	0	0	0	6,939
0	44	WATERMAIN ASSET PLA	NNING -2014 SC	CW	S3	03	429	260	460	360	160	1,669	0	1,669	C	0	658	0	1,011	0	0	0	0	0	1,669
0	45	JOS UPDATE - 2014 SC		CW	S3	05	10	0	0	0	0	10	0	10	C	0	10	0	0	0	0	0	0	0	10
0	46	EASEMENT ACQUISITION	N - 2014 SC	CW	S3	04	-172	0	0	0	0	-172	0	-172	C	0	0	0	-172	0	0	0	0	0	-172
0	47	WATER LOSS REDUCTION 2014 SC	ON STRATEGY -	CW	S3	03	-14	78	-800	-1,000	-1,500	-3,236	650	-2,586	C	0	0	0	-2,586	0	0	0	0	0	-2,586
0	48	CAPITAL PRGMG & FACI PLANNING - 2014 SC	LITY ASSET	CW	S3	03	-692	0	0	0	0	-692	0	-692	C	0	0	0	-692	0	0	0	0	0	-692
		Sub-total					2,068	2,013	1,160	1,360	1,160	7,761	1,000	8,761	0	0	668	0	8,093	0	0	0	0	0	8,761
WA ²	906749	9 DOWNTOWN W/M ENHA	NCEMENT			İ																			
0	1	JOS - GERRARD ST WM	- ENGINEERING	CW	S2	03	731	378	15	7	0	1,131	0	1,131	C	0	112	0	155	0	0	864	0	0	1,131
0	4	JOS - GERRARD ST WM CONSTRUCTION	-	CW	S2	03	24,554	14,920	0	0	0	39,474	0	39,474	C	0	3,916	0	5,373	0	0	30,185	0	0	39,474
0	35	JOS - GERRARD ST WM -2014 SC	- ENGINEERING	CW	S3	03	100	0	0	0	0	100	0	100	C	0	132	0	-108	0	0	76	0	0	100

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

		- 9																						
						Curre	ent and Fu	ıture Year	Cash Flo	w Commitr	nents			Cur	rent and Fu	uture Year	Cash Flo	w Comm	itments l	Financed	Ву			
<u>Sul</u> Pri		<u>oject No. Project Name</u> oProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - overable	Total Financing
		DOWNTOWN W/M ENHANCEMENT																						
0	36	JOS BATHURST-DUPONT W/M - ENG -2014 SC	CW	S3	05	-33	0	0	0	0	-33	0	-33	C	0	-6	0	-27	0) (0	0	0	-33
0	37	JOS - GERRARD ST WM - CONSTRUCTION -2014 SC	CW	S3	03	-6,000	-1,000	7,000	0	0	0	0	0	C	0	3,943	0	-3,944	0) () 1	0	0	0
1	3	JOS BATHURST-DUPONT W/M - ENG	CW	S2	05	33	0	0	0	0	33	0	33	C	0	6	0	27	0) (0	0	0	33
		Sub-total				19,385	14,298	7,015	7	0	40,705	0	40,705	0	0	8,103	0	1,476	0) (31,126	0	0	40,705
WA.	T906752	TRANSMISSION R&R																						
0	49	TRUNK WATERMAIN REHAB	CW	S2	03	250	250	0	0	0	500	0	500	C	0	0	0	500	0) (0	0	0	500
0	51	CAST IRON TRUNK REPLC - PHASE 2	CW	S2	03	1,000	5,000	2,200	320	0	8,520	0	8,520	c	0	0	0	8,520	0) (0	0	0	8,520
0	52	CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	CW	S4	03	300	400	600	800	700	2,800	1,440	4,240	c	0	0	0	4,240	0) (0	0	0	4,240
0	59	CAST IRON TRUNK REPLC - PHASE 2 - 2014 SC	CW	S3	03	-1	-196	310	-56	0	57	0	57	C	0	0	0	57	0) (0	0	0	57
1	2	TRANSF & SW'GEAR REPLACMENT DESIGN	CW	S4	03	50	0	0	0	0	50	0	50	C	0	0	0	50	0) (0	0	0	50
		Sub-total				1,599	5,454	3,110	1,064	700	11,927	1,440	13,367	0	0	0	0	13,367	0) () 0	0	0	13,367
WA [*]	T906900	TRANSMISSION R&R																						
0	1	TRANS FACILITIES REHAB	CW	S2	03	548	0	0	0	0	548	0	548	c	0	0	0	548	0) (0	0	0	548
0	6	ELLESMERE P.S. UPGRADE	CW	S2	05	0	25	525	0	0	550	0	550	C	0	63	0	139	0) (348	0	0	550
0	26	SCARBOROUGH PS - PUMP REPLC	CW	S2	03	884	20	0	0	0	904	0	904	C	0	0	0	904	0) (0	0	0	904
0	27	EGLINTON PS -PUMP REPLC	CW	S2	03	2,982	100	0	0	0	3,082	0	3,082	C	0	0	0	3,082	0) (0	0	0	3,082
0	32	ELLESMERE P.S. UPGRADE -2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	C	0	64	0	-64	0) (0	0	0	0
0	33	SCARBOROUGH PS - PUMP REPLC -201 SC	14 CW	S3	03	-284	230	0	0	0	-54	0	-54	c	0	0	0	-54	0) (0	0	0	-54
0	34	EGLINTON PS -PUMP REPLC -2014 SC	CW	S3	03	-1,182	650	0	0	0	-532	0	-532	c	0	0	0	-532	0) (0	0	0	-532
0	35	TRANS FACILITIES REHAB - 2014 SC	CW	S3	03	17	150	0	0	0	167	0	167	C	0	0	0	167	0) (0	0	0	167
0	36	RESERVOIR REHAB/WATER QUALITY PROTECTION	CW	S4	03	300	5,250	500	0	0	6,050	0	6,050	С	0	0	0	6,050	0		0	0	0	6,050
		Sub-total				3,265	6,425	1,025	0	0	10,715	0	10,715	0	0	127	0	10,240	0) (348	0	0	10,715
WA	T906902	HARRIS W.T.P. R&R																						
0	2	BUILDING ENVELOPE REHAB	CW	S2	03	20	10	0	0	0	30	0	30	C	0	0	0	30	0) (0	0	0	30
0	3	FACILITY & PROCESS UPGRADES	CW	S2	03	0	500	500	500	500	2,000	0	2,000	C	0	0	0	2,000	0) (0	0	0	2,000

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

						Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cur	rent and Fut	ture Year	Cash Flo	w Commi	tments F	inanced E	Ву		
Sub Prio	-	ect No. Project Name Proj No. Sub-project Name	Ward S	Stat. Ca	.t. 2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recovera Debt	- 1	Total Financing
WA	906902	HARRIS W.T.P. R&R																					
0	6	LIQUID CHEMICAL SYSTEM RELOCATION	N CW	S2 0	16	0	0	0	0	16	0	16	C	0	0	0	16	0	0	0	0	0	16
0	13	FILTER MEDIA REPLACEMENT PH2	CW	S2 0	350	350	0	0	150	850	300	1,150	C	0	0	0	1,150	0	0	0	0	0	1,150
0	21	HVAC REHAB - CONSTRUCTION	CW	S2 0	1,059	1,000	1,000	0	0	3,059	0	3,059	C	0	0	0	3,059	0	0	0	0	0	3,059
0	22	TRAVELLING SCREEN REPLACEMENT	CW	S2 0	780	0	0	0	0	780	0	780	C	0	0	0	780	0	0	0	0	0	780
0	56	REHAB OF SETTLING BASIN ROOF & SLUICE GATES	CW	S2 0	2,396	2,200	2,020	0	0	6,616	0	6,616	C	0	0	0	6,616	0	0	0	0	0	6,616
0	65	FILTER MEDIA REPLACEMENT PH2 -2014 SC	4 CW	S3 0	-150	-150	150	0	-150	-300	-300	-600	C	0	0	0	-600	0	0	0	0	0	-600
0	66	FACILITY & PROCESS UPGRADES -2014 SC	CW	S3 0	500	0	-500	-500	-500	-1,000	0	-1,000	C	0	0	0	-1,000	0	0	0	0	0	-1,000
0	67	TRAVELLING SCREEN REPLACEMENT -2014 SC	CW	S3 0	320	0	0	0	0	320	0	320	C	0	0	0	320	0	0	0	0	0	320
0	68	HVAC REHAB - CONSTRUCTION -2014 S	C CW	S3 0	-264	0	0	250	0	-14	0	-14	C	0	0	0	-14	0	0	0	0	0	-14
0	69	REHAB OF SETTLING BASIN ROOF&SLUICE GATES -2014 SC	CW	S3 0	1,024	6,000	2,500	0	0	9,524	0	9,524	C	0	0	0	9,524	0	0	0	0	0	9,524
0	72	BUILDING ENVELOPE REHAB - 2014 SC	CW	S3 0	-10	0	0	0	0	-10	0	-10	C	0	0	0	-10	0	0	0	0	0	-10
0	73	LIQUID CHEMICAL SYSTEM RELOCATION - 2014 SC	N CW	S3 0	-8	0	0	0	0	-8	0	-8	C	0	0	0	-8	0	0	0	0	0	-8
		Sub-total			6,033	9,910	5,670	250	0	21,863	0	21,863	0	0	0	0	21,863	0	0	0	0	0	21,863
WA	906903	FJ HORGAN W.T.P. R&R																					
0	5	FACILITY & PROCESS UPGRADES	CW	S2 0	614	500	500	500	500	2,614	2,000	4,614	C	0	0	0	4,614	0	0	0	0	0	4,614
0	8	RAW WATER PUMP UPGRADES	CW	S2 0	512	700	0	0	0	1,212	0	1,212	C	0	0	0	1,212	0	0	0	0	0	1,212
0	15	REPLACEMENT OF MCCS	CW	S2 0	1,450	2,265	2,360	725	0	6,800	0	6,800	C	0	0	0	6,800	0	0	0	0	0	6,800
0	16	ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT	CW	S2 0	534	2,500	1,950	0	0	4,984	0	4,984	C	0	0	0	4,984	0	0	0	0	0	4,984
0	26	FACILITY & PROCESS UPGRADES -2014 SC	CW	S3 0	3 244	444	-150	-500	-500	-462	-2,000	-2,462	C	0	0	0	-2,462	0	0	0	0	0	-2,462
0	27	REPLACEMENT OF MCCS -2014 SC	CW	S3 0	-1,150	-795	990	875	200	120	0	120	C	0	0	0	120	0	0	0	0	0	120
0	29	RAW WATER PUMP UPGRADES - 2014 SC	CW	S3 0	188	-160	0	0	0	28	0	28	C	0	0	0	28	0	0	0	0	0	28
0	30	ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT - 2014 SC	CW	S3 0	-484	-2,000	550	1,950	0	16	0	16	C	0	0	0	16	0	0	0	0	0	16
		Sub-total			1,908	3,454	6,200	3,550	200	15,312	0	15,312	0	0	0	0	15,312	0	0	0	0	0	15,312
WAT	906906	TRUNK WATERMAIN EXPANSION																					

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

							Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Curi	rent and Fu	ture Year	Cash Flow	/ Commit	ments F	inanced B	у		
Sub Pric		ect No. Project Name Proj No. Sub-project Name	Ward :	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds (Capital from Current	Other 1	Other2	Debt Recover Oebt	able	Total Financing
WAT	906906	TRUNK WATERMAIN EXPANSION																						
0	2	JOS - D4 W/M ENGINEERING	CW	S3	05	10	0	0	0	0	10	0	10	C	0	0	0	10	0	0	0	0	0	10
0	13	CAST IRON T-M REPLACEMENT - PH1	CW	S2	03	40	0	0	0	0	40	0	40	С	0	0	0	40	0	0	0	0	0	40
0	25	JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG	CW	S2	05	702	400	400	0	0	1,502	0	1,502	С	0	357	0	803	0	0	342	0	0	1,502
0	63	JOS WM SCAR PS TO ST CLAIR&MIDLAND -ENG -2014 SC	CW	S3	05	-102	200	150	400	0	648	0	648	C	0	672	0	-170	0	0	146	0	0	648
0	64	CAST IRON T-M REPLACEMENT - PH1 - 2014 SC	CW	S3	03	-40	0	0	0	0	-40	0	-40	С	0	0	0	-40	0	0	0	0	0	-40
		Sub-total				610	600	550	400	0	2,160	0	2,160	0	0	1,029	0	643	0	0	488	0	0	2,160
WAT	906914	SWITCH GEAR TRANSFORMER																						
0	3	ARC FLASH ANALYSIS	CW	S2	01	288	0	0	0	0	288	0	288	C	0	0	0	288	0	0	0	0	0	288
0	13	INDOOR/OUTDOOR SWITCHGEAR (5 Stations Phase 3)	CW	S2	03	5,140	6,900	2,435	0	0	14,475	0	14,475	С	0	0	0	14,475	0	0	0	0	0	14,475
0	25	ARC FLASH ANALYSIS -2014 SC	CW	S3	01	62	0	0	0	0	62	0	62	С	0	0	0	62	0	0	0	0	0	62
0	26	INDOOR/OUTDOOR SWITCHGEAR(5 Stations Ph3) -2014 SC	CW	S3	03	-4,465	-500	3,800	0	0	-1,165	0	-1,165	С	0	0	0	-1,165	0	0	0	0	0	-1,165
		Sub-total				1,025	6,400	6,235	0	0	13,660	0	13,660	0	0	0	0	13,660	0	0	0	0	0	13,660
WAT	906917	TRANSMISSION OPERATIONS OPTIMIZ	<u>ER</u>		-																			
0	8	TRANSMISSION OPERATIONS OPTIMIZER	CW	S2	04	448	0	0	0	0	448	0	448	С	0	0	0	448	0	0	0	0	0	448
0	9	TRANSMISSION OPERATIONS OPTIMIZER - 2014 SC	CW	S3	04	112	0	0	0	0	112	0	112	С	0	0	0	112	0	0	0	0	0	112
		Sub-total				560	0	0	0	0	560	0	560	0	0	0	0	560	0	0	0	0	0	560
WAT	906918	WATER SUSTAINABILITY PROGRAM																						
0	1	WATER SUSTAINABILITY PROGRAM	CW	S2	04	4,200	5,300	5,000	0	0	14,500	0	14,500	С	0	0	0	14,500	0	0	0	0	0	14,500
0	8	WATER SUSTAINABILITY PROGRAM -2014 SC	CW	S3	04	-4,000	-2,550	-650	4,000	0	-3,200	0	-3,200	С	0	686	0	-3,886	0	0	0	0	0	-3,200
		Sub-total				200	2,750	4,350	4,000	0	11,300	0	11,300	0	0	686	0	10,614	0	0	0	0	0	11,300
WAT	906919	RL CLARK W.T.P. R&R			:																			
0	1	FACILITY & PROCESS UPGRADES	CW	S2	03	603	300	300	300	100	1,603	0	1,603	С	0	0	0	1,603	0	0	0	0	0	1,603
0	8	PROCESS EQUIPMENT UPGRADE ENGINEERING	CW	S2	03	1,535	625	665	584	25	3,434	25	3,459	c	0	0	0	3,459	0	0	0	0	0	3,459
0	15	PROCESS EQUIPMENT UPGRADE CONSTRUCTION	CW	S2	03	8,790	10,000	12,000	12,000	12,724	55,514	68,574	124,088	C	0	0	0	124,088	0	0	0	0	0	124,088
0	44	EVALUATION & COMMUNICATION SYSTEMS	CW	S2	03	1,140	125	0	0	0	1,265	0	1,265	C	0	0	0	1,265	0	0	0	0	0	1,265

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

					Curre	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Futu	ıre Year	Cash Flo	w Commi	tments F	inanced B	y				
Sub Pric		<u>ject No. Project Name</u> Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges Re	eserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
WAT	906919	RL CLARK W.T.P. R&R																						
0	49	PROCESS EQUIPMENT UPGRADE ENGINEERING -2014 SC	CW	S3	03	-280	0	0	0	0	-280	0	-280	(0	194	0	-474	0	0	0	0	0	-280
0	50	PROCESS EQUIPMENT UPGRADE CONSTRUCTION -2014 SC	CW	S3	03	-674	0	0	0	-2,724	-3,398	-68,574	-71,972		0	3,169	0	-75,141	0	0	0	0	0	-71,972
0	51	EVALUATION & COMMUNICATION SYSTEMS -2014 SC	CW	S3	03	-391	1,080	117	20	7	833	0	833	(0	0	0	833	0	0	0	0	0	833
0	52	FACILITY & PROCESS UPGRADES - 2014 SC	4 CW	S3	03	-303	-130	-300	-300	-100	-1,133	0	-1,133	(0	0	0	-1,133	0	0	0	0	0	-1,133
		Sub-total				10,420	12,000	12,782	12,604	10,032	57,838	25	57,863	C	0	3,363	0	54,500	0	0	0	0	0	57,863
WAT	906930	DIST W/M REPLACEMENT																						
0	15	W/M REPLACEMENT - STAND ALONE	CW	S2	03	14,924	0	0	0	0	14,924	0	14,924	(0	0	0	14,924	0	0	0	0	0	14,924
0	29	DIST W/M REPLACEMENT - 2012	CW	S2	03	4,732	0	0	0	0	4,732	0	4,732	(0	0	0	4,732	0	0	0	0	0	4,732
0	39	DIST W/M REPLACEMENT 2013	CW	S2	03	11,083	0	0	0	0	11,083	0	11,083	(0	0	0	11,083	0	0	0	0	0	11,083
0	41	WATERMAIN UPGRADES	CW	S2	05	1,035	0	0	0	0	1,035	0	1,035	(0	613	0	422	0	0	0	0	0	1,035
0	50	DIST W/M REPLACEMENT 2013 - 2014 SO	C CW	S3	03	-6,150	4,450	0	0	0	-1,700	0	-1,700		0	0	0	-1,700	0	0	0	0	0	-1,700
0	51	DIST WM REPLACMENT - 2014	CW	S4	03	19,719	10,482	2,000	0	0	32,201	0	32,201	(0	0	0	32,201	0	0	0	0	0	32,201
0	52	WATERMAIN UPGRADES - 2014	CW	S4	05	5,407	3,990	1,000	0	0	10,397	0	10,397	(0	0	0	10,397	0	0	0	0	0	10,397
0	53	W/M REPLACEMENT - STAND ALONE -2014 SC	CW	S3	03	-6,045	6,936	0	0	0	891	0	891	(0	0	0	891	0	0	0	0	0	891
0	54	WATERMAIN UPGRADES -2014 SC	CW	S3	05	3,121	2,000	0	0	0	5,121	0	5,121	(0	-613	0	5,734	0	0	0	0	0	5,121
0	55	WATERMAIN REPLACEMENT - METROLINX	CW	S4	03	25	600	600	1,000	875	3,100	0	3,100	(0	0	0	3,100	0	0	0	0	0	3,100
0	56	DIST W/M REPLACEMENT - 2012 - 2014 SC	CW	S3	03	-2,888	3,125	0	0	0	237	0	237		0	0	0	237	0	0	0	0	0	237
		Sub-total				44,963	31,583	3,600	1,000	875	82,021	0	82,021	C	0	0	0	82,021	0	0	0	0	0	82,021
WAT	906932	DIST W/M REHABILITATION																						
0	1	WATERMAIN CLEANING &LINING	CW	S2	04	200	0	0	0	0	200	0	200	(0	0	0	200	0	0	0	0	0	200
0	4	Hydrant & Valve Repair	CW	S2	03	645	0	0	0	0	645	0	645		0	0	0	645	0	0	0	0	0	645
0	5	CUT REPAIRS - 2014 SC	CW	S3	03	1,994	4,371	0	0	0	6,365	0	6,365	(0	0	0	6,365	0	0	0	0	0	6,365
0	6	WATERMAIN STRUCTURAL LINING	CW	S2	03	17,559	0	0	0	0	17,559	0	17,559	(0	0	0	17,559	0	0	0	0	0	17,559
0	7	CATHODIC PROTECTION	CW	S2	03	5,244	0	0	0	0	5,244	0	5,244		0	0	0	5,244	0	0	0	0	0	5,244

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

							Curre	nt and Fu	ture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year Ca	sh Flov	w Comm	itments I	Financed I	Зу		
Sub- Prior	-		Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Res Reserves F _L	serve ınds	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
		IST W/M REHABILITATION												Gaboraroo									\dashv	
0	30 C	UT REPAIRS	CW	S2	03	2,250	0	0	0	0	2,250	0	2,250	0	0	0	0	2,250	0) 0	0	0	0	2,250
0	38 F	ydrant & Valve Repair -2014 SC	CW	S3	03	355	1,000	1,000	1,000	0	3,355	0	3,355	0	0	0	0	3,355	0	C	0	0	0	3,355
0		/ATERMAIN STRUCTURAL LINING -2014 C	4 CW	S3	03	13,697	31,500	35,000	30,500	0	110,697	0	110,697	0	0	0	0 11	0,697	0	0	0	0	0	110,697
0	40 C	ATHODIC PROTECTION -2014 SC	CW	S3	03	-1,209	3,500	3,500	3,500	0	9,291	0	9,291	0	0	0	0	9,291	0	0	0	0	0	9,291
0		/ATERMAIN CLEANING &LINING - 2014 C	CW	S3	04	-56	0	0	0	0	-56	0	-56	0	0	0	0	-56	0) 0	0	0	0	-56
		Sub-total				40,679	40,371	39,500	35,000	0	155,550	0	155,550	0	0	0	0 15	5,550	0) 0	0	0	0	155,550
WAT9	<u>06934</u> <u>Г</u>	IST WATER SERVICE REPAIR																					1	
0		LL DISTRICT WSR - LEAD EPLACEMENT	CW	S2	02	10,000	1,989	0	0	0	11,989	0	11,989	0	0	0	0 1	1,989	0) 0	0	0	0	11,989
0		ATER SERVICE REPAIR - STAND LONE	CW	S2	02	514	0	0	0	0	514	0	514	0	0	0	0	514	0	0	0	0	0	514
0	32 V	/SR CUT REPAIRS	CW	S2	03	2,170	0	0	0	0	2,170	0	2,170	0	0	0	0	2,170	0	0	0	0	0	2,170
0		013 WATER SERVICE REPLACMENT SOGR	CW	S2	02	1,834	0	0	0	0	1,834	0	1,834	0	0	0	0	1,834	0	0	0	0	0	1,834
0		014 WATER SERVICE REPLACEMENT - OGR	CW	S4	02	3,000	5,000	0	0	0	8,000	0	8,000	0	0	0	0	8,000	0	0	0	0	0	8,000
0		LL DISTRICT WSR - LEAD EPLACEMENT -2014 SC	CW	S3	02	-116	7,850	9,250	9,250	0	26,234	0	26,234	0	0	0	0 2	6,234	0) 0	0	0	0	26,234
0		/ATER SERVICE REPAIR - STAND LONE -2014 SC	CW	S3	02	918	0	0	0	0	918	0	918	0	0	0	0	918	0) 0	0	0	0	918
0	55 V	/SR CUT REPAIRS - 2014 SC	CW	S3	03	-48	2,186	0	0	0	2,138	0	2,138	0	0	0	0	2,138	0	. 0	0	0	0	2,138
0		012 WATER SERVICE REPLACEMENT 9	- CW	S3	02	84	50	0	0	0	134	0	134	0	0	0	0	134	0	0	0	0	0	134
0		013 WATER SERVICE REPLACMENT SOGR - 2014 SC	CW	S3	02	-207	2,550	0	0	0	2,343	0	2,343	0	0	0	0	2,343	0	. 0	0	0	0	2,343
		Sub-total				18,149	19,625	9,250	9,250	0	56,274	0	56,274	0	0	0	0 5	6,274	0) 0	0	0	0	56,274
WAT9	06935 N	EW SERVICE CONNECTIONS																						
0		EW SERVICE CONNECTIONS - CUT EPAIRS	CW	S2	05	3,500	0	0	0	0	3,500	0	3,500	0	0	0	0	3,500	0	0	0	0	0	3,500
0		EW SERVICE CONNECTIONS - SITE ERVICING	CW	S2	05	14,000	4,000	0	0	0	18,000	0	18,000	0	0	0	0 1	8,000	0	C	0	0	0	18,000
0		EW SERVICE CONNECTIONS - CUT EPAIRS -2014 SC	CW	S3	05	0	3,500	0	0	0	3,500	0	3,500	0	0	0	0	3,500	0	0	0	0	0	3,500
0		EW SERVICE CONNECTIONS - SITE ERVICING - 2014 SC	CW	S3	05	0	10,000	0	0	0	10,000	0	10,000	0	0	0	0 1	0,000	0	C	0	0	0	10,000
		Sub-total				17,500	17,500	0	0	0	35,000	0	35,000	0	0	0	0 3	5,000	0	С	0	0	0	35,000
WAT9	<u>06951</u> E	<u>NGINEERING</u>			-																		\dagger	

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

						Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commi	tments F	inanced E	Зу		
	<u>oject No. Project Name</u> lbProj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal [Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recovera Debt	- 1	Total Financing
WAT90695	1 ENGINEERING																						
0 1	ROAD RESTORATION - 2014 SC	CW	S3	03	5,198	0	0	0	0	5,198	0	5,198	o	0	0	0	5,198	0	0	0	0	0	5,198
0 2	CONSULTING FEES	CW	S2	03	5,834	9,000	0	0	0	14,834	0	14,834	О	0	0	0	14,834	0	0	0	0	0	14,834
0 37	SALARIES: LEGAL SALARIES - 2014 SC	CW	S3	03	188	0	0	0	0	188	0	188	o	0	0	0	188	0	0	0	0	0	188
0 45	ECS SALARIES	CW	S4	03	12,033	0	0	0	0	12,033	0	12,033	o	0	0	0	12,033	0	0	0	0	0	12,033
0 46	SALARIES: DISTRICT OPERATIONS - 201 SC	4 CW	S3	03	623	0	0	0	0	623	0	623	o	0	0	0	623	0	0	0	0	0	623
0 50	CONSULTING FEES -2014 SC	CW	S3	03	-2,618	-5,025	6,687	5,912	5,445	10,401	9,176	19,577	0	0	0	0	19,577	0	0	0	0	0	19,577
	Sub-total				21,258	3,975	6,687	5,912	5,445	43,277	9,176	52,453	0	0	0	0	52,453	0	0	0	0	0	52,453
WAT90697	7 ISLAND W.T.P. R&R																						
0 1	FACILITY & PROCESS UPGRADES	CW	S2	03	491	375	375	0	0	1,241	0	1,241	O	0	0	0	1,241	0	0	0	0	0	1,241
0 7	FILTER MEDIA REPLC	CW	S2	03	75	150	0	150	0	375	300	675	O	0	0	0	675	0	0	0	0	0	675
0 12	FACILITY UPGRADE	CW	S4	03	300	1,600	1,100	0	0	3,000	0	3,000	O	0	0	0	3,000	0	0	0	0	0	3,000
0 18	VALVE CHAMBER UPGRADES	CW	S2	03	100	0	0	0	0	100	0	100	O	0	0	0	100	0	0	0	0	0	100
0 20	ISLAND SBS CONVERSION	CW	S2	04	44	0	0	0	0	44	0	44	O	0	0	0	44	0	0	0	0	0	44
0 25	ISLAND FILTER AIR SCOUR SYSTEM	CW	S2	04	850	0	0	0	0	850	0	850	O	0	0	0	850	0	0	0	0	0	850
0 33	ISLAND SEAWALL REHABILITATION	CW	S2	03	1,336	0	0	0	0	1,336	0	1,336	0	0	0	0	1,336	0	0	0	0	0	1,336
0 44	ISLAND ENWAVE/RETROFIT PROJECT	CW	S2	04	1,100	0	0	0	0	1,100	0	1,100	0	0	0	0	1,100	0	0	0	0	0	1,100
0 50	AMMONIA AND FLOURIDE SYSTEM UPGRADES	CW	S4	03	75	890	1,285	0	0	2,250	0	2,250	0	0	0	0	2,250	0	0	0	0	0	2,250
0 51	CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION	CW	S4	03	55	465	0	0	0	520	0	520	0	0	0	0	520	0	0	0	0	0	520
0 52	CONDITION ASSESSMENT & REHAB OF RAW WATER WETWELL	CW	S4	03	100	0	0	0	0	100	0	100	0	0	0	0	100	0	0	0	0	0	100
0 55	FILTER MEDIA REPLC - 2014 SC	CW	S3	03	0	-150	0	-150	0	-300	-300	-600	0	0	0	0	-600	0	0	0	0	0	-600
0 56	VALVE CHAMBER UPGRADES - 2014 SC	CW	S3	03	-100	0	0	0	0	-100	0	-100	O	0	0	0	-100	0	0	0	0	0	-100
0 57	ISLAND SBS CONVERSION - 2014 SC	CW	S3	04	6	0	0	0	0	6	0	6	O	0	0	0	6	0	0	0	0	0	6
0 58	FACILITY & PROCESS UPGRADES - 2014 SC	4 CW	S3	03	507	227	-149	0	0	585	0	585	o	0	0	0	585	0	0	0	0	0	585
0 59	ISLAND SEAWALL REHABILITATION - 2014 SC	CW	S3	03	-616	0	0	0	0	-616	0	-616	0	0	0	0	-616	0	0	0	0	0	-616

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

Part								Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commi	tments F	inanced	Зу		
No. Control				Ward	Stat.	Cat.	2014	2015	2016	2017	2018				Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2	Recov		
211 SC 20 21 SC 20 21 SC 20 21 SC 20 22 SC 20 SC 20 22 SC 20 SC 20 22 SC 20 22 SC 20 22 SC 20 22 SC 20 22 SC 20	WAT9	06977 ISL	AND W.T.P. R&R																						
Substitude Substitutione Substitude Substitutione Substitude Substitude Substitude Substitude Substitude Substitude Substitude	0			CW	S3	04	0	500	0	0	0	500	0	500	0	0	82	0	418	0	0	0	0	0	500
Column C	0			- CW	S3	04	-926	260	350	0	0	-316	0	-316	0	0	0	0	-316	0	0	0	0	0	-316
No. No.			Sub-total				3,397	4,317	2,961	0	0	10,675	0	10,675	0	0	82	0	10,593	0	0	0	0	0	10,675
No. Control Contro	WAT9	06979 D2/	D4 TRUNK WATERMAIN UPGRADES	i																					
1	0			D) CW	S2	05	1,170	0	0	0	0	1,170	0	1,170	O	0	157	0	583	0	0	430	0	0	1,170
No. No.	0	7 Elle	smere WM (Markham to Neilson) ENG	i CW	S2	05	0	0	0	0	100	100	1,070	1,170	0	0	156	0	352	0	0	662	0	0	1,170
Sub-blad Sub-blad	0				S3	05	130	0	0	0	0	130	0	130	0	0	191	0	-110	0	0	49	0	0	130
## NATION SECTION STATE SAVIEW TRUNK WATERMAIN PH2 STATE SAVIEW TRUNK WATERMAIN PH2 STATE SAVIEW TRUNK WATERMAIN PH2 STATE SAVIEW TRUNK WATERMAIN PH2 STATE SAVIEW TRUNK WATERMAIN PH2 SAVIEW TRUNK W	0	30 Elle -20	esmere WM (Markham to Neilson) ENG 14 SC	i CW	S3	05	0	0	0	0	-100	-100	-1,070	-1,170	0	0	-156	0	-352	0	0	-662	0	0	-1,170
0 1 JOS - MT - PLEASANT WM - CONST CW S2 05 0 0 0 0 0 1,000 1,000 80,000 81,000 0 0 502 0 1,287 0 0 75,211 0 0 81,000 0 81,000 0 81,000 0 81,000 0 0 502 0 1,287 0 0 75,211 0 0 81,000 0 81,000 0 81,000 0 0 502 0 1,287 0 0 75,211 0 0 81,000 0 81,000 0 81,000 0 0 0 502 0 1,287 0 0 75,211 0 0 81,000 0 81,000 0 0 81,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				1,300	0	0	0	0	1,300	0	1,300	0	0	348	0	473	0	0	479	0	0	1,300
0 8 JOS - MT - PLEASANT WM - CONST - 2014 CW S3 05 0 0 0 0 0 0 1,000 - 1,000 - 80,000 - 81,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WAT9	07135 BA	YVIEW TRUNK WATERMAIN - PH2			3																			
SC Sub-total	0	1 JOS	S - MT- PLEASANT WM - CONST	CW	S2	05	0	0	0	0	1,000	1,000	80,000	81,000	0	0	502	0	1,287	0	0	79,211	0	0	81,000
MATSO/7355 LAWRENCE ALLAN REVITALIZATION PLAN-	0		S - MT- PLEASANT WM - CONST -201	4 CW	S3	05	0	0	0	0	-1,000	-1,000	-80,000	-81,000	0	0	-502	0	-1,287	0	0	-79,211	0	0	-81,000
LAWRENCE ALLAN REVITALIZATION CW S2 05 0 3.668 3.354 12,641 2,127 21,790 3.531 25,321 0 0 0 0 25,321 0 0 0 0 0 25,321			Sub-total				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLAN-INFRASTURCIURE	WAT9	07353 LAV	WRENCE ALLAN REVITALIZATION PL	_AN																					
PLAN-EXTERNAL SEWER	0	1 LAN	WRENCE ALLAN REVITALIZATION NINFRASTURCTURE	CW	S2	05	0	3,668	3,354	12,641	2,127	21,790	3,531	25,321	0	0	0	0	25,321	0	0	0	0	0	25,321
REVITALIZATION-EXTERNAL -2014 SC 0	0			CW	S2	05	0	2,803	0	5,437	0	8,240	0	8,240	0	0	3,461	0	4,779	0	0	0	0	0	8,240
PLAN-INTER - 2014 SC Sub-total O 6,471 3,354 18,078 2,127 30,030 3,531 33,561 0 0 13,108 0 20,453 0 0 0 0 0 33,561 WAT907558 REGENT PARK CAPITAL CONTRIBUTION O 1 REGENT PARK CAPITAL CONTRIBUTION 28 S2 05 0 859 330 132 745 2,066 984 3,050 0 0 0 3,050 0 0 0 0 0 0 3,050 B REGENT PARK CAPITAL CONTRIBUTION CW S3 05 0 859 330 132 745 2,066 984 3,050 0 0 0 3,212 0 -3,050 0 0 0 0 0 0 3,212 Sub-total WAT907946 BUSINESS IT PROJECTS	0			CW	S3	05	0	0	0	0	0	0	0	0	0	0	4,779	0	-4,779	0	0	0	0	0	0
WAT907558 REGENT PARK CAPITAL CONTRIBUTION 0 1 REGENT PARK CAPITAL CONTRIBUTION 28 S2 05 0 859 330 132 745 2,066 984 3,050 0 0 0 0 3,050 0 0 0 0 3,050 0 0 0 3,050 0 0 0 3,050 0 0 0 3,050 0 0 0 0 3,050 0 0 0 0 3,050 0 0 0 0 3,050 0 0 0 0 0 3,050 0 0 0 0 0 0 3,050 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0			CW	S3	05	0	0	0	0	0	0	0	0	0	0	4,868	0	-4,868	0	0	0	0	0	0
0 1 REGENT PARK CAPITAL CONTRIBUTION 28 S2 05 0 859 330 132 745 2,066 984 3,050 0 0 0 0 3,050 0 0 0 0 3,050 0 0 0 3,050 0 0 0 3,050 0 0 0 3,050 0 0 0 0 3,050 0 0 0 0 3,050 0 0 0 0 0 3,050 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				0	6,471	3,354	18,078	2,127	30,030	3,531	33,561	0	0	13,108	0	20,453	0	0	0	0	0	33,561
0 8 REGENT PARK CAPITAL CONTRIBUTION CW S3 05	WAT9	07558 RE	GENT PARK CAPITAL CONTRIBUTIO	N																					
- 2014 SC Sub-total 0 859 330 132 745 2,066 1,146 3,212 0 0 0 3,212 0 0 0 0 3,212 WAT907946 BUSINESS IT PROJECTS	0	1 RE	GENT PARK CAPITAL CONTRIBUTIO	N 28	S2	05	0	859	330	132	745	2,066	984	3,050	0	0	0	0	3,050	0	0	0	0	0	3,050
WAT907946 BUSINESS IT PROJECTS	0	8 RE0	GENT PARK CAPITAL CONTRIBUTIO 114 SC	N CW	S3	05	0	0	0	0	0	0	162	162	0	0	3,212	0	-3,050	0	0	0	0	0	162
			Sub-total				0	859	330	132	745	2,066	1,146	3,212	0	0	3,212	0	0	0	0	0	0	0	3,212
0 1 BUSINESS INTELLIGENCE INITIATIVES CW S2 04 425 0 0 0 0 425 0 0 0 0 425 0 0 0 0 425	WAT9	07946 BU	SINESS IT PROJECTS																					\neg	
	0	1 BU	SINESS INTELLIGENCE INITIATIVES	CW	S2	04	425	0	0	0	0	425	0	425	0	0	0	0	425	0	0	0	0	0	425

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

						Curr	ent and Fu	ture Year	Cash Flo	w Commitn	nents			Cui	rent and Fu	iture Year	Cash Flo	w Comm	itments	Finance	d By		
	roject No. Project Name ubProj No. Sub-project Name	Ward S	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2		Debt - Recoverable	Total Financing
WAT9079	46 BUSINESS IT PROJECTS																						
0 2	BACKFLOW INSPECTION PORTAL	CW	S2	04	250	200	0	0	0	450	0	450	0	o o	0	0	450	0	(0 ()	0 0	450
0 3	DISASTER RECOVERY - DRP - 2014 SC	CW	S3	04	121	0	0	0	0	121	0	121	0	0	0	0	121	0	(0 ()	0 0	121
0 4	EDOCS	CW	S2	04	50	0	0	0	0	50	0	50	0	0	0	0	50	0	(0 ()	0 0	50
0 5	BACKFLOW INSPECTION PORTAL -2014 SC	cw	S3	04	-250	-200	200	200	0	-50	0	-50	0	0	0	0	-50	0	(0 ()	0 0	-50
0 6	EDOCS -2014 SC	CW	S3	04	100	0	0	0	0	100	0	100	0	o o	0	0	100	0	(0 ()	0 0	100
0 7	ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT	CW	S4	04	875	1,175	1,225	975	975	5,225	0	5,225	0	0	0	0	5,225	0	(0 ()	0 0	5,225
0 8	BUSINESS INTELLIGENCE INITIATIVES - 2014 SC	CW	S3	04	-150	280	0	0	0	130	0	130	0	0	0	0	130	0	(0 ()	0 0	130
0 9	DISASTER RECOVERY	CW	S2	04	84	0	0	0	0	84	0	84	0	0	0	0	84	0	(0 ()	0 0	84
	Sub-total				1,505	1,455	1,425	1,175	975	6,535	0	6,535	0	С	0	0	6,535	0	(0 (0	0 (6,535
Total	Program Expenditure				264,998	258,666	173,875	120,320	41,801	859,660	37,338	896,998	0	C	63,305	0	778,274	0	(0 55,419	9	0 (896,998

Oct-24-2013 18:39:27

Page 13 of 13

0

0 55,419

0 55,419

0

55,419

896,998

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

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

15,963

264,998

12,156

8,419

258,666 173,875 120,320

6,215

Water Program																			
		c	Current and	Future Ye	ar Cash Fl	ow Comn	nitments ar	nd Estimate	s		Curren	nt and Future Year	Cash Flow C	commitme	nts and I	Estimates	Financed E	Ву	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name	Ward Stat. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal D Subsidy	Development Charges Reser	Reserve ves Funds		Other 1	Other2	Del Recov Debt	erable	Total Financing
Financed By: Development Charges		7,715	15,114	8,588	14,535	8,416	54,368	8,937	63,305	0	0	63,305	0 0	0	(0	0	0	63,305
Reserve Funds (Ind."XR" Ref.)		241,320	231,396	156,868	99,570	27,380	756,534	21,740	778,274	0	0	0	0 778,274	0	C	0	0	0	778,274

6,661

37,338

55,419

896,998

0

0

63,305

0 778,274

48,758

859,660

6,005

41,801

Description S2

S3

03

Other2 (External)

Total Program Financing

S2 Prior Year (With 2014 and\or Future Year Cashflow)

S3 Prior Year - Change of Scope 2014 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

Legislated C02 State of Good Repair C03

04 Service Improvement and Enhancement C04

Growth Related C05

06 Reserved Category 1 C06 07 Reserved Category 2 C07

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

							Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cui	rrent and Fu	ıture Year	Cash Flo	w Comm	itments F	inanced I	Ву		
<u>Sub</u> Prio		oject No. Project Name lbProj No. Sub-project Name	Wa	rd St	at. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2		bt - erable	Total Financing
WAS	3000007	7 ASHBRIDGES BAY WWTP REHAB																					\neg	
0	17	STANDBY POWER GENERATION	C	w s	32 04	7,009	4,400	55	15	0	11,479	0	11,479	О	0	344	0	11,135	0	0	0	0	0	11,479
0	19	FERROUS UPGRADES	C	w s	32 03	1,920	4,700	1,750	120	0	8,490	0	8,490	o	0	256	0	8,234	0	0	0	0	0	8,490
0	30	ELECTRICAL REHAB	C	w s	32 01	9,073	5,620	0	0	0	14,693	0	14,693	o	0	0	0	14,693	0	0	0	0	0	14,693
0	41	POLYMER UPGRADE	C	W S	32 03	1,410	4,100	3,750	800	60	10,120	0	10,120	O	0	0	0	10,120	0	0	0	0	0	10,120
0	46	Rehab of Grounds and Buildings	C	W S	62 03	658	5	0	0	0	663	0	663	o	0	0	0	663	0	0	0	0	0	663
0	47	PT ENGINEERING DESIGN & CONADMIN	TRACT C	W S	32 03	1,320	1,100	1,000	750	250	4,420	49	4,469	0	0	134	0	4,335	0	0	0	0	0	4,469
0	49	PROCESS UPGRADES AND ODOU CONTROL ENGINEERING		W S		1,424	300	87	0	0	1,811	0	1,811	0			0	1,756	0	0	0	0	0	1,811
0	189	PROCESS AND EQUIPMENT		W S		4,460	2,840	0	0	0	7,300	0	7,300	0	·	•	0	7,300	0		0	0	0	7,300
0	190	FACILITY AND GROUNDS		:W S		4,403	3,267	0		0	7,670	0	7,670	0	·		0	7,670	0		0	0	0	7,670
0	206	STANDBY POWER GENERATION - SC		W S		-2,109	-327	-50	0	0	-2,486	0	-2,486	0	· ·		0	-2,865	0			0	0	-2,486
0	207	PT ENGINEERING DESIGN & CONTADMIN -2014 SC		W S		690	1,110	1,084	238	635	3,757	250	4,007	0	·		0	3,458	0			0	0	4,007
0	208	ELECTRICAL REHAB -ECAP -2014		W S		-6,944	554	6,025	2,105	421	2,161	0	2,161	0	·		0	2,161	0		0	0	0	2,161
0	209	Rehab of Grounds and Buildings -20		W S		-79	20	0	0	0	-59	0	-59	0	· ·	•	0	-59	0	-	0	0	0	-59
0	210	PROCESS UPGRADES & ODOUR CONTROL ENG -2014 SC		W S		-114	700	323	34	0	943	0	943	0	·		0	777	0		0	0	0	943
0	211	FERROUS UPGRADES -2014 SC		:W S		-1,320	-4,225	4,322	6,580	3,185	8,542	255	8,797	0	·	, -	0	7,654	0		0	0	0	8,797
0	212	PROCESS AND EQUIPMENT -2014		:W S		-2,360	30	3,610	4,004	4	5,288	0	5,288	0	·	•	0	5,288	0	-	0	0	0	5,288
0	213	FACILITY AND GROUNDS -2014 SC		W S		-2,907	-1,302	2,002	0	0	-2,207	0	-2,207	0	· ·	•	0	-2,207	0	-	0	0	0	-2,207
0	214	POLYMER UPGRADE -2014 SC		W S		-850	-3,540	-2,950	9,100	12,140	13,900	12,380	26,280	0			0	26,280	0	0	0	0	0	26,280
0	215	DIGESTERS CLEANING REHAB 10 PLAN		W S		700	3,700	3,600	3,100	0	11,100	0	11,100	0	· ·	•	0	11,100	0			0	0	11,100
0	216	OPERATIONS CENTRE - ENGINEE	HING C	W S	34 03	300	400	0	0	16.605	700	12,934	700	0	0		0	700	0			0	0	700 121,219
WΔG	S000160	Sub-total O ASHBRIDGES BAY TREATMENT PI	I ANT - III			16,684	23,452	24,608	26,846	16,695	108,285	12,934	121,219	"		3,026		118,193	0	0	U	U		121,219
	19	BIOSOLIDS IMPRVS & STUDIES		w s	62 04	165	0	0	0	0	165	0	165	0	0	5	0	160	0	0	0	0	0	165
						1 1					I		ı 1	I										

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

0 23 TRUNK SEWER REHABILITATION CW S2 03 396 225 0 0 0 620 0 0 0 0 0 620 0 0 0 0 0 0 0 0																										
SINDE Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Provinty Displace Name Displa								Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and Fu	uture Year	Cash Flo	w Commi	tments F	inanced	Ву			
Assignment Ass				War	d Stat	. Cat.	2014	2015	2016	2017	2018			l I	Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2	Red		1 .0	otal ncing
Sub-State 1	WAS	000160	ASHBRIDGES BAY TREATMENT PLANT	<u>- III</u>																						
MASSICIAL SEMERIA SEMERIA PROPRIETY STRUME S	0	43	BIOSOLIDS IMPRVS & STUDIES -2014 S	SC CI	W S3	04	-165	0	0	0	0	-165	0	-165	0	() -5	0	-160	0	0	0	0) (2	-165
THUMS SEWER REHAMBUTATION CW S2 03 24.464 12.200 3.000 50 0 40.664 0 40.664 0 0 0 0 40.664 0 0 0 0 0 40.664 0 0 0 0 0 0 40.664 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				0	0	0	0	0	0	0	0	0	(0	0	0	0	0	0	() (0	0
2 TRUMS SEWER REHABILITATION CW SZ 03 395 225 0 0 0 0 600 0 0 0 0 0 0 0 0 0 0 0 0 0	WAS	000259	TRUNK SEWER SYSTEM																						T	
THUMS SEWER REHABILITATION - 2014 CW S4 03 455 12,880 18,225 3,543 7 35,110 0 35,110 0 0 0 0 35,110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	15	TRUNK SEVWER REHAB-2012	CI	W S2	03	24,464	12,900	3,000	500	0	40,864	0	40,864	o	(0	0	40,864	0	0	0	0) () 40	0,864
0 33 TRUNK SEWER REHAB 2012 : 2014 SC CW S3 03 - 16,883	0	23	TRUNK SEWER REHABILITATION	CI	W S2	03	395	225	0	0	0	620	0	620	o	(0	0	620	0	0	0	0	(اد	620
0 34 KEELE TRUNK SEWER PROPERTY CW S3 05 500 500 500 0 0 0 1,000 0 1,000 0 0 0 1,000 0 0 0	0	27	TRUNK SEWER REHABILITATION - 201	4 C\	W S4	03	455	12,880	18,225	3,543	7	35,110	0	35,110	o	(0	0	35,110	0	0	0	0	(35	5,110
ACQUISTION 2014 SC 3 77 TRINK SEWER REHABILITATION - 2014 CW S3 03	0	33	TRUNK SEVWER REHAB-2012 -2014 SC	C CI	W S3	03	-16,893	-6,984	1,884	1,111	381	-20,501	49	-20,452	0	(0	0	-20,452	0	0	0	0) () -20	0,452
SC Sub-total Sub-total	0	34		CI	W S3	05	500	500	0	0	0	1,000	0	1,000	o	(0	0	1,000	0	0	0	0	() 1	1,000
MASSONA42 BASEMENT FLOODING RELIEF 0 8 BASEMENT FLOODING RELIEF - TUNNEL CW S2 04 33.863 0 0 0 0 33.863 0 0 0 0 0 3.236 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	37	SC	4 C\	W S3	03																				-280
BASEMENT FLOODING RELIEF - TUNNEL CW S2 04 3,296 0 0 0 0 0 3,236 0 0 0 0 0 3,236 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				8,696	19,466	23,109	5,154	388	56,813	49	56,862	0	(0	0	56,862	0	0	0	() (0 56	6,862
9 BASEMENT FLOODING RELIEF - TUNNEL CW S2 04 33,663 0 0 0 0 33,663 0 33,663 0 0 0 0 0 33,663 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WAS	000442	BASEMENT FLOODING RELIEF																							
PROJECT 12 ROAD RESTORATION FOR BSMT FLDG CW S2 04 5,013 3,000 0 0 0 0 8,013 0 8,013 0 0 0 0 8,013 0 0 0 0 0 0 0 0 0	0	8	BASEMENT FLOODING STUDIES & EAS	S CI	W S2	04	3,236	0	0	0	0	3,236	0	3,236	o	(0	0	3,236	0	0	0	0	() 3	3,236
0 14 BASEMENT FLOODING DESIGN - GROUP CW S2 04 4,363 100 50 0 0 4,513 0 4,513 0 0 0 0 0 4,513 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	9		EL C\	W S2	04	33,063	0	0	0	0	33,063	0	33,063	O	(0	0	33,063	0	0	0	0) (33	3,063
1 0 18 BASEMENT FLOODING DESIGN - GROUP CW S2 04 7,000 7,000 6,000 5,000 0 25,000 0 25,000 0 25,000 0 0 0 0 0 0 25,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	12	ROAD RESTORATION FOR BSMT FLDG	G C	W S2	04	5,013	3,000	0	0	0	8,013	0	8,013	0	(0	0	8,013	0	0	0	0) () 8	8,013
2 0 19 BASEMENT FLOODING RELIEF- GROUP 2 CW S4 04 17,292 41,222 39,832 49,299 1,500 149,145 0 0 149,145 0 0 0 0 0 149,145 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	14	BASEMENT FLOODING DESIGN - GROU	UP C\	W S2	04	4,363	100	50	0	0	4,513	0	4,513	0	(0	0	4,513	0	0	0	0) () 4	4,513
0 20 BASEMENT FLOODING DESIGN - GROUP CW S4 04 100 3,000 4,000 5,000 5,000 17,100 8,000 25,100 0 0 0 0 25,100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	18		UP C\	W S2	04	7,000	7,000	6,000	5,000	0	25,000	0	25,000	o	(0	0	25,000	0	0	0	0	() 25	5,000
3 0 29 BASEMENT FLOODING RELIEF - GROUP CW S2 04 47,555 75 75 75 0 47,780 0 47,780 0 0 0 0 0 47,780 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	19	BASEMENT FLOODING RELIEF- GROUP	P2 C\	W S4	04	17,292	41,222	39,832	49,299	1,500	149,145	0	149,145	o	(0	0	149,145	0	0	0	0	() 149	9,145
1 0 59 BASEMENT FLOODING RELIEF CW S3 04 3,000 3,000 3,000 3,000 15,000 17,500 32,500 0 0 0 32,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	20		UP C\	W S4	04	100	3,000	4,000	5,000	5,000	17,100	8,000	25,100	O	(0	0	25,100	0	0	0	0) () 25	5,100
-BACKFLOW GRANTS -2014 SC 0 60 BASEMENT FLOODING STUDIES & EAS CW S3 04 -585 1,618 1,485 0 0 2,518 0 0 2,518 0 0 0 0 0 2,518 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	29		JP C\	W S2	04	47,555	75	75	75	0	47,780	0	47,780	O	(0	0	47,780	0	0	0	0) () 47	7,780
-2014 SC 0 61 BASEMENT FLOODING DESIGN GROUP 1 CW S3 04 -3,075 1,788 1,850 0 0 563 0 563 0 0 0 0 563 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	59		CI	W S3	04	3,000	3,000	3,000	3,000	3,000	15,000	17,500	32,500	0	(0	0	32,500	0	0	0	0) (32	2,500
-2014 SC 0 62 BASEMENT FLOODING DESIGH GROUP 2 CW S3 04 -900 -1,100 -500 500 25 -1,975 0 -2014 SC 0 63 BASEMENT FLOODING RELIEF - GROUP CW S3 04 -22,432 11,635 15,000 0 0 4,203 0 0 0 0 0 4,203 0 0 0 0	0	60		S CI	W S3	04	-585	1,618	1,485	0	0	2,518	0	2,518	0	(0	0	2,518	0	0	0	0	() 2	2,518
- 2014 SC 0 63 BASEMENT FLOODING RELIEF - GROUP CW S3 04 -22,432 11,635 15,000 0 0 4,203 0 0 0 0 0 4,203 0 0 0 0	0		-2014 SC			04	-3,075	1,788	1,850	0	0	563	0	563	0	(0	0		0	0	0	0	()	563
	0		- 2014 SC			04				500	25		0		0	(0	0		0	0	0	0	(ļ	1,975
	0	63		JP C\	W S3	04	-22,432	11,635	15,000	0	0	4,203	0	4,203	0	(0	0	4,203	0	0	0	0	() 4	4,203

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

Appe	endix 4: 2014 Recommended Cash Flow and	Future	Year Co	mmitn	nents															
Waste	tewater Program																			
			Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Curr	ent and Fu	uture Yea	r Cash Flo	w Comm	itments F	inanced	Ву		
	Project No. Project Name itySubProj No. Sub-project Name Ward Stat. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal D Subsidy	evelopment Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Del Recov Debt		Total Financing
	00442 BASEMENT FLOODING RELIEF				-					Subsidies										
0 6	64 ROAD RESTORATION FOR BSMT FLDG CW S3 04 -2014 SC	-2,321	-2,228	0	0	0	-4,549	0	-4,549	0	0	0	0	-4,549	0	0	0	0	0	-4,549
0 6	65 BASEMENT FLOODING RELIEF -TUNNEL CW S3 04 PROJECT -2014 SC	-32,553	10,000	32,000	37,000	40,500	86,947	30,000	116,947	o	0	0	0	116,947	0	0	0	0	0	116,947
1 1	1 BASEMENT FLOODING RELIEF - CW S2 04 BACKFLOW GRANTS	2,500	2,500	2,500	2,500	2,500	12,500	10,000	22,500	O	0	0	0	22,500	0	0	0	0	0	22,500
	Sub-total	61,256	81,610	105,292	102,374	52,525	403,057	65,500	468,557	0	0	0	0	468,557	0	0	0	0	0	468,557
WAS00	00521 HIGHLAND CREEK WWTP - BUILDING SERV &																			
0 3	3 HCTP BLDG REHAB & IMPROVEMENTS CW S2 03	500	4,000	4,000	3,000	0	11,500	0	11,500	o	0	0	0	11,500	0	0	0	0	0	11,500
0 6	6 HCTP BLDG REHAB & IMPROVEMENTS - CW S3 03 2014 SC	998	-500	0	0	0	498	0	498	o	0	0	0	498	0	0	0	0	0	498
	Sub-total	1,498	3,500	4,000	3,000	0	11,998	0	11,998	0	0	0	0	11,998	0	0	0	0	0	11,998
WAS90	06322 W&WW LABORATORIES																			
0 9	9 LAB EQUIPMENT CW S2 03	112	100	0	0	0	212	0	212	o	0	0	0	212	0	0	0	0	0	212
0 2	24 LAB EQUIPMENT -2014 SC CW S3 03	8	50	0	0	0	58	0	58	o	0	0	0	58	0	0	0	0	0	58
	Sub-total Sub-total	120	150	0	0	0	270	0	270	0	0	0	0	270	0	0	0	0	0	270
WAS90	06328 SWM END OF PIPE FACILITIES																			
0 9	9 NORTH TORONTO CSO CONSTR CW S2 04	5,000	500	0	0	0	5,500	0	5,500	O	0	550	0	4,950	0	0	0	0	0	5,500
0 1	11 BONAR CREEK CONSTRUCTION CW S4 04	200	800	2,150	5,400	5,250	13,800	2,600	16,400	0	0	1,320	0	15,080	0	0	0	0	0	16,400
0 1	12 EARL BALES SWM FACILITY - PHASE 2 CW S2 04	3,500	1,000	500	0	0	5,000	0	5,000	0	0	0	0	5,000	0	0	0	0	0	5,000
0 3	35 EASTERN BEACHES WATER QUALITY CW S2 04 IMPROVEMENTS	250	0	0	0	0	250	0	250	O	0	25	0	225	0	0	0	0	0	250
0 4	49 NORTH TORONTO CSO CONSTR -2014 CW S3 04 SC	-4,500	2,500	2,500	0	0	500	0	500	O	0	-68	0	568	0	0	0	0	0	500
0 5	50 EARL BALES SWM FACILITY - PHASE 2 CW S3 04 -2014 SC	-3,000	2,000	1,500	0	0	500	0	500	O	0	442	0	58	0	0	0	0	0	500
0 5	51 EASTERN BEACHES WATER QUALITY CW S3 04 IMPROVEMENTS-2014 SC	-250	0	0	0	0	-250	0	-250	o	0	-25	0	-225	0	0	0	0	0	-250
	Sub-total	1,200	6,800	6,650	5,400	5,250	25,300	2,600	27,900	0	0	2,244	0	25,656	0	0	0	0	0	27,900
WAS90	06331 SWM SOURCE CONTROL PROG																			
0 9	9 DOWNSPOUT DISCONNECTION CW S2 04 PROGRAM	150	150	250	150	150	850	0	850	О	0	85	0	765	0	0	0	0	0	850
0 1	14 DOWNSPOUT DISCONNECTION CW S3 04 PROGRAM -2014 SC	0	0	0	0	0	0	0	0	o	0	-85	0	85	0	0	0	0	0	0
	Sub-total Sub-total	150	150	250	150	150	850	0	850	0	0	0	0	850	0	0	0	0	0	850

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

CONST 1-0 14 CODUNT COLUMPIANDES PHASE 1 CW S3 04																									
Sale Prince Name Propositional								Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ıture Year	Cash Flov	w Comm	itments F	inanced	Ву		
Marie Mari				Ward	Stat.	Cat.	2014	2015	2016	2017	2018	1	l		Grants and	Federal Subsidy	Development Charges	Reserves	Reserve Funds	from	Other 1	Other2	Recove		Total Financing
ENG	WAS	906380	HIGHLAND CREEK WWTP - ODOUR CO	NTROL																				\neg	
CONST 0 14 DOUNT CONTROL UPGRADES PHASE 1 OW 53 04 446 0 230 150 0 36 0 36 0 36 0 36 0 0 141 0 1.177 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	1		E1 CW	S2	04	876	510	250	650	100	2,386	5	2,391	О	0	48	0	2,343	0	0	0	0	0	2,391
ENG-SCH-16 CONFIG-LUSGADES PHASE I ON S. 16 16.760	0	2		1 CW	S2	02	20,760	20,000	20,000	9,000	0	69,760	0	69,760	О	0	1,395	0	68,365	0	0	0	0	0	69,760
CONST-2014 SC 5.480 15.510 15.490 15.490 15.00 15.	0	14		E1 CW	S3	04	-416	0	230	150	0	-36	0	-36	o	0	141	0	-177	0	0	0	0	0	-36
## MASION-MASS ASHERINGES RAY T.P. III YEROM 0 3 PCS-PLANT SRIVS CW S2 04 1.300 380 30 0 0 1.890 0 1.890 0 0 51 0 1.899 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	15		1 CW	S3	02	-15,760	-5,000	-5,000	6,000	15,000	-4,760	10,000	5,240	0	0	4,640	0	600	0	0	0	0	0	5,240
0 3 PCS-PLANT SRV9			Sub-total				5,460	15,510	15,480	15,800	15,100	67,350	10,005	77,355	0	0	6,224	0	71,131	0	0	0	0	0	77,355
0 4 LANDSCAPE SITE DESIGN CW S2 04 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WAS	906486	ASHBRIDGES BAY T.P III YR2004																						
0 43 PCS-PLANT SRIVS-2014 SC	0	3	PCS-PLANT SRVS	CW	S2	04	1,300	360	30	0	0	1,690	0	1,690	0	0	51	0	1,639	0	0	0	0	0	1,690
Sub-total Sub-total 1,130 1,530 50 30 0 2,740 800 3,540 0 0 0 2,740 800 3,540 0 0 0 0 0 0 0 0 0 0 0 0	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
## NASSOCIATE HIGHLAND CREEK T.P IV YR2004 0 2 PCS PLANT SERVICES CW S2 04 115 213 0 0 0 328 0 328 0 0 77 0 321 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	43	PCS-PLANT SRVS -2014 SC	CW	S3	04	-170	1,170	20	30	0	1,050	0	1,050	0	0	169	0	881	0	0	0	0	0	1,050
0 2 PCS PLANT SERVICES CW S2 04 115 213 0 0 0 328 0 328 0 0 7 0 321 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				1,130	1,530	50	30	0	2,740	800	3,540	0	0	220	0	3,320	0	0	0	0	0	3,540
0 19 PCS PLANT SERVICES :2014 SC	WAS	906487	HIGHLAND CREEK T.P IV YR2004																						
Sub-total 205 63 3 0 0 271 0 271 0 0 22 0 249 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	2	PCS PLANT SERVICES	CW	S2	04	115	213	0	0	0	328	0	328	О	0	7	0	321	0	0	0	0	0	328
WASS06488 HUMBER T.P II YR2004 0 2 PCS PLANT SERVICES CW S2 04 130 55 0 0 0 185 0 185 0 0 3 0 182 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	19	PCS PLANT SERVICES -2014 SC	CW	S3	04	90	-150	3	0	0	-57	0	-57	0	0	15	0	-72	0	0	0	0	0	-57
0 2 PCS PLANT SERVICES CW S2 04 130 55 0 0 0 185 0 185 0 0 3 0 182 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				205	63	3	0	0	271	0	271	0	0	22	0	249	0	0	0	0	0	271
0 21 PCS PLANT SERVICES -2014 SC CW S3 04 -25 125 5 7 0 112 0 112 0 0 20 0 92 0 0 0 0 0 0 0 0 0 0 0 0 0	WAS	906488	HUMBER T.P II YR2004																						
Sub-total 105 180 5 7 0 297 0 297 0 0 23 0 274 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	2	PCS PLANT SERVICES	CW	S2	04	130	55	0	0	0	185	0	185	o	0	3	0	182	0	0	0	0	0	185
WAS906492 WET WEATHER FLOW MP 0 1 SWM INA-EA	0	21	PCS PLANT SERVICES -2014 SC	CW	S3	04	-25	125	5	7	0	112	0	112	0	0	20	0	92	0	0	0	0	0	112
0 1 SWM INA-EA			Sub-total				105	180	5	7	0	297	0	297	0	0	23	0	274	0	0	0	0	0	297
0 2 WWFMP - PUBLIC EDUCATION CW S2 04 860 500 500 0 0 1,860 0 1,860 0 0 93 0 1,767 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WAS	906492	WET WEATHER FLOW MP																						
0 14 WWFMP IMPLEMENTATION - CW S2 04 3,107 1,241 0 0 0 4,348 0 4,348 0 0 434 0 3,914 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	1	SWM INA-EA	CW	S2	04	1,045	615	475	0	0	2,135	0	2,135	o	0	215	0	1,920	0	0	0	0	0	2,135
DESIGN&CONTRACT ADMIN 0 15 WWF MONITORING STATIONS CW S2 04 0 0 250 250 250 750 0 750 0 0 39 0 711 0 0 0 0 0 0 44 SWM CONVEYANCE 2013 CW S2 04 2,604 0 0 0 0 2,604 0 2,604 0 0 259 0 2,345 0 0 0 0 0	0	2	WWFMP - PUBLIC EDUCATION	CW	S2	04	860	500	500	0	0	1,860	0	1,860	0	0	93	0	1,767	0	0	0	0	0	1,860
0 44 SWM CONVEYANCE 2013 CW S2 04 2,604 0 0 0 0 2,604 0 2,604 0 0 259 0 2,345 0 0 0 0 0	0	14		CW	S2	04	3,107	1,241	0	0	0	4,348	0	4,348	0	0	434	0	3,914	0	0	0	0	0	4,348
	0	15	WWF MONITORING STATIONS	CW	S2	04	0	0	250	250	250	750	0	750	0	0	39	0	711	0	0	0	0	0	750
0 51 SWM CONVEYANCE 2014 CW S4 04 3,461 2,048 0 0 0 5,509 0 0 0 0 5,509 0 0 0 0 0	0	44	SWM CONVEYANCE 2013	CW	S2	04	2,604	0	0	0	0	2,604	0	2,604	0	0	259	0	2,345	0	0	0	0	0	2,604
	0	51	SWM CONVEYANCE 2014	CW	S4	04	3,461	2,048	0	0	0	5,509	0	5,509	0	0	0	0	5,509	0	0	0	0	0	5,509

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

1-1																							
Wastew	ater Program]																		
						Curre	ent and Fu	ıture Year	Cash Flo	w Commitr	nents			Cu	rrent and Fu	uture Year	r Cash Flo	ow Commi	itments F	inanced	Ву		
	roject No. Project Name ubProj No. Sub-project Name	Wa	ird Stat	t. Cat.	2014	2015	2016	2017	2018	Total	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - verable	Total Financing
	WET WEATHER FLOW MP												Cubsidies										
0 52	SWM INA-EA -2014 SC	С	W S3	04	-665	-85	-325	150	150	-775	0	-775	0) (0 -105	0	-670	0	0	0	0	0	-775
0 53	WWFMP - PUBLIC EDUCATION -2014	sc c	W S3	04	-360	0	0	0	0	-360	0	-360	o) (27	0	-387	0	0	0	0	0	-360
0 54	WWFMP IMPLEMENTATION-DESIGN&CON ADM		W S3	04	-1,807	-141	1,000	500	0	-448	0	-448	o) (-120	0	-328	0	0	0	0	0	-448
0 55	WWF MONITORING STATIONS -2014	sc c	W S3	04	0	0	-250	-250	250	-250	600	350	0) (0 49	0	301	0	0	0	0	0	350
0 56	SWM CONVEYANCE 2013 -2014 SC	С	W S3	04	-354	0	0	0	0	-354	0	-354	o) (0 -78	0	-276	0	0	0	0	0	-354
	Sub-total				7,891	4,178	1,650	650	650	15,019	600	15,619	0	(0 813	0	14,806	0	0	0	0	0	15,619
WAS90649	95 SEWER ASSET PLANNING																						
0 5	Sewer Asset Planning	С	W S2	03	1,194	1,000	1,000	0	0	3,194	0	3,194	o) (0 0	0	3,194	0	0	0	0	0	3,194
0 7	Sewer System Inspection	С	W S2	03	9,117	8,000	8,000	9,000	0	34,117	0	34,117	o) (0 0	0	34,117	0	0	0	0	0	34,117
0 21	PPD - INFRASTRUCTURE PLANNING STUDIES	С	W S4	05	150	150	0	0	0	300	0	300	0) (0 0	0	300	0	0	0	0	0	300
0 23	Sewer Asset Planning -2014 SC	С	W S3	03	54	825	-385	0	0	494	0	494	0) (296	0	198	0	0	0	0	0	494
0 24	Sewer System Inspection -2014 SC	С	W S3	03	-3,158	3,048	4,000	3,000	12,000	18,890	15,000	33,890	O) (0 0	0	33,890	0	0	0	0	0	33,890
	Sub-total				7,357	13,023	12,615	12,000	12,000	56,995	15,000	71,995	0	(296	0	71,699	0	0	0	0	0	71,995
WAS90650	00 NEW SEWER CONSTRUCTION																						
0 5	NEW SEWERS	С	W S2	05	1,202	0	0	0	0	1,202	0	1,202	О) (1,082	0	120	0	0	0	0	0	1,202
0 22	NEW SEWERS -2014 SC	С	W S3	05	-1,000	1,000	0	0	0	0	0	0	o) (334	0	334	0	0	0	0	0	o
	Sub-total				202	1,000	0	0	0	1,202	0	1,202	0	(748	0	454	0	0	0	0	0	1,202
WAS90650	21 YARD & BUILDING RENOVATION																						
0 2	YARD & BUILDING RENOVATION	С	W S2	04	100	0	0	0	0	100	0	100	o) (0	0	100	0	0	0	0	0	100
0 10	YARD & BUILDING RENOVATION - 201 SC	14 C	W S3	04	-100	0	0	0	0	-100	0	-100	0) (0 0	0	-100	0	0	0	0	0	-100
	Sub-total				0	0	0	0	0	0	0	0	0	(0	0	0	0	0	0	0	0	0
WAS90673	DIST SEWER REHAB OPS YR2005																						
0 10	GROUP 1 SEWAGE PUMPING STATIO UPGRADES	N C	W S2	03	800	0	0	0	0	800	0	800	o) (0 61	0	739	0	0	0	0	0	800
0 15	GROUP 1 SEWAGE PUMPING STATIO UPGRADES -2014 SC	N C	W S3	03	-500	188	12	0	0	-300	0	-300	o) () -21	0	-279	0	0	0	0	0	-300
	Sub-total				300	188	12	0	0	500	0	500	0	(0 40	0	460	0	0	0	0	0	500

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

	•.•.	ater i rogiam]																		
							Curr	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cu	rrent and F	uture Year	Cash Flo	w Commi	itments F	inanced	Ву		
<u>Sul</u> Pri		<u>pject No.</u> <u>Project Name</u> bProj No. Sub-project Name	War	d Stat	. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Re	Debt - coverable	Total Financing
WAS	906741	HIGHLAND CREEK TP YR2005																						
0	1	WAS THICKENING AND DEWATERIN	IG CV	V S2	03	410	17	10	0	4	441	0	441	0	(7	0	434	0	0	0	() (441
0	16	WAS THICKENING AND DEWATERIN ENG -2014 SC	IG CV	V S3	03	-160	300	303	0	1	444	0	444	0	(64	0	380	0	0	0	() (444
		Sub-total				250	317	313	0	5	885	0	885	0	() 71	0	814	0	0	0	ı	0 (885
WA:	906742	2 HUMBER TP YR2005																						
0	6	HEADHOUSE UPGRADES Phase 1	CV	V S2	03	10	5	0	0	0	15	0	15	0	(0	0	15	0	0	0	() 0	15
0	8	ODOUR CONTROL ENGINEERING	CV	V S2	04	982	600	101	0	0	1,683	0	1,683	0	() 16	0	1,667	0	0	0	() (1,683
0	51	ODOUR CONTROL ENGINEERING -2 SC	014 CV	V S3	04	18	400	320	100	101	939	0	939	0	(-16	0	955	0	0	0	() (939
0	52	HEADHOUSE UPGRADES Phase 1 - 2 SC	2014 CV	V S3	03	508	15	0	0	0	523	0	523	0	() 44	0	479	0	0	0	() 0	523
		Sub-total				1,518	1,020	421	100	101	3,160	0	3,160	0	() 44	0	3,116	0	0	0		0 (3,160
WAS	906743	ASHRIDGES BAY TP YR2005																						
0	1	Process & Equip Upgrades	CV	V S2	03	450	165	540	830	0	1,985	0	1,985	0	(59	0	1,926	0	0	0	() (1,985
0	48	Process & Equip Upgrades -2014 SC	CV	V S3	03	-310	315	-218	-372	82	-503	0	-503	0	(61	0	-564	0	0	0	() 0	-503
0	49	M & T Retrofit -2014 SC	CV	V S3	03	-10	753	0	0	0	743	0	743	0	(0	0	743	0	0	0	() 0	743
0	50	SERVICE AIR UPGRADES -2014 SC	CV	V S3	03	-4,750	2,790	2,674	550	617	1,881	0	1,881	0	(0	0	1,881	0	0	0	() (1,881
1	4	M & T IMPROVEMENTS (EQUIPMENT	r) cv	V S2	03	1,827	0	0	0	0	1,827	0	1,827	0	(0	0	1,827	0	0	0	() 0	1,827
1	7	SERVICE AIR UPGRADES	CV	V S2	03	7,150	1,210	176	0	0	8,536	0	8,536	0	(0	0	8,536	0	0	0	() (8,536
		Sub-total				4,357	5,233	3,172	1,008	699	14,469	0	14,469	0	(120	0	14,349	0	0	0	ı	0 (14,469
WAS	906755	WESTERN BEACHES RETROFIT																						
0	1	WESTERN BEACHES RETROFIT	CV	V S2	03	1,000	4,000	200	0	0	5,200	0	5,200	0	(0	0	5,200	0	0	0	() (5,200
0	9	WESTERN BEACHES RETROFIT -20	14 SC CV	V S3	03	-200	-1,450	2,350	0	0	700	0	700	o	() 474	0	226	0	0	0	() 0	700
		Sub-total				800	2,550	2,550	0	0	5,900	0	5,900	0	() 474	0	5,426	0	0	0		0 (5,900
WAS	906926	OPERATIONAL SUPPORT																						
0	1	DIVISIONAL SECURITY	CV	V S2	04	814	0	0	0	0	814	0	814	0	(0	0	814	0	0	0	() 0	814
0	7	RENOVATION - MERTON STREET	CV	V S2	04	3	0	0	0	0	3	0	3	0	(0	0	3	0	0	0	() (3
0	17	Desginated Substance Abatement	CV	V S2	02	173	0	0	0	0	173	0	173	0	(0	0	173	0	0	0	() (173

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

		•																							
						Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By										
	<u>Project No.</u> SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Deb Recove Debt	erable	Total Financing	
WAS906	926 OPERAT	IONAL SUPPORT																							
0 23	B HAND HI	ELD DEVICES - UPDATED	CW	S2	04	150	0	0	0	0	150	0	150	С	0	0	0	150	0	0	0	0	0	150	
0 40) WWTP F	PLC PLATFORM UPGRADE	CW	S2	04	3,000	4,000	5,000	5,000	4,500	21,500	0	21,500	С	0	0	0	21,500	0	0	0	0	0	21,500	
0 82	2 FACILITY	Y RENOVATION -2014 SC	CW	S3	04	800	1,000	0	0	0	1,800	0	1,800	С	0	0	0	1,800	0	0	0	0	0	1,800	
0 83	B WWTP F SC	PLC PLATFORM UPGRADE -2014	CW	S3	04	-1,000	-800	-500	0	-200	-2,500	500	-2,000	c	0	0	0	-2,000	0	0	0	0	0	-2,000	
0 84	HAND HI	ELD DEVICES - UPDATED - 2014	CW	S3	04	-150	150	0	0	0	0	0	0	С	0	0	0	0	0	0	0	0	0	0	
0 85		NAL SECURITY - 2014 SC	CW		04	-164	0	0	0	0	-164	0	-164	C	-		0	-164	0		0	0	0	-164	
0 86	SC	ATION - MERTON STREET - 2014			04	0	3	0	0	0	3	0	3	C			0	3	0		0	0	0	3	
0 87	7 Desginat SC	ed Substance Abatement - 2014	CW	S3	02	-73	0	0	0	0	-73	0	-73	0			0	-73	0		0	0	0	-73	
Sub-total					3,553	4,353	4,500	5,000	4,300	21,706	500	22,206	0	0	0	0	22,206	0	0	0	0		22,206		
WAS906958 SEWER SYSTEM REHABILITATION																									
0 2	Group 2	& 3 Sewage P.S. Upgrades	CW	S2	03	14	31	0	0	0	45	0	45	c	0	3	0	42	0	0	0	0	0	45	
0 5	CCTV In:	spection	CW	S2	03	1,123	1,000	0	0	0	2,123	0	2,123	C	0	0	0	2,123	0	0	0	0	0	2,123	
0 6	LATERA		CW	S2	03	399	0	0	0	0	399	0	399	С	0	0	0	399	0	0	0	0	0	399	
0 8		ADA UPGRADES - ENGINEERING			04	1,202	315	13	12	0	1,542	0	1,542	С			0	1,542	0		0	0	0	1,542	
0 9		REHABILITATION	CW		03	18,873	30,000	0	0	0	48,873	0	48,873		-		0	48,873	0		0	0	0	48,873	
0 23	POWER		CW		02	1,925	0	0	0	0	1,925	0	1,925	0	-		0	1,925	0		0	0	0	1,925	
0 24	CAPACI	5 SEWAGE PUMPING STATION TY UPGRADES	CW		05	3,675	0	1,700	1,800	1,700	8,875	0	8,875	0	-		0	8,209	0		0	0	0	8,875	
0 60	sc '	& 3 Sewage P.S. Upgrades -2014	CW		03	-8	3	0	0	0	-5	0	-5		-		0	-5	0		0	0	0	-5	
0 61		spection -2014 SC	CW		03	-223	0	1,000	0	0	777	0	777	C			0	777	0		0	0	0	777	
0 62		L REHAB -2014 SC	CW		03	396	0	0	0	0	396	0	396	C	-		0	396	0	0	0	0	0	396	
0 63	-2014 SC				04	-587	285	0	0 27 700	0	-302	0	-302	C			0	-401	0		0	0	0	-302	
0 64		REHABILITATION -2014 SC	CW		03	3,287	-2,039	37,700		0	76,648	0	76,648	С	-	·	0	,	0	0	0	0	0	76,648	
0 65		E PUMPING STATION STANDBY -2014 SC	CW	S3	02	-585	810	0	0	0	225	0	225	C	0	173	0	52	0	0	0	0	0	225	

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

Second Property Pr							Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By										
Part Part				Ward	Stat.	Cat.	2014	2015	2016	2017	2018			l	Grants and	Federal (Development Charges	Reserves	Reserve Funds		Other 1	Other2				
Sub-time Part Par	WAS906958 SEWER SYSTEM REHABILITATION																									
Main	0	66		CW	S3	05	-3,350	3,250	4,550	3,450	2,320	10,220	20	10,240	C	0	874	0	9,366	0	0	0	0	0	10,240	
MINISTRANS MIN			Sub-total				26,141	33,655	44,963	42,962	4,020	151,741	20	151,761	0	0	1,815	0	149,946	0	0	0	0	0	151,761	
RESTORATION	WAS906960 STREAM RESTORATION & EROSION CONTRC																									
2 2 STREAM RESTORATION-CRITICAL CW S2 CS CS CS CS CS CS CS	0	1		CW	S2	04	1,000	0	0	0	0	1,000	0	1,000	C	0	100	0	900	0	0	0	0	0	1,000	
Locations Loca	0	7	STREAM RESTORATION	CW	S2	03	4,788	7,500	0	0	0	12,288	0	12,288	C	0	1,228	0	11,060	0	0	0	0	0	12,288	
RESTORATION-2014 SC	0	26		cw	S2	03	500	0	0	0	0	500	0	500	C	0	50	0	450	0	0	0	0	0	500	
0 33 STREAM RESTORATION CRITICAL CW S3 03 0 500 0 0 0 0 0 0 0	0	31		CW	S3	04	40	1,000	0	0	0	1,040	0	1,040	C	0	64	0	976	0	0	0	0	0	1,040	
COCATIONS 2014 SC Sub-total Sub-tota	0	32	STREAM RESTORATION -2014 SC	CW	S3	03	1,712	0	5,370	2,500	310	9,892	950	10,842	C	0	634	0	10,208	0	0	0	0	0	10,842	
MASSOSSIAN CONVEYANCE CONTROLS - REPLG & REHABILITATION CW S2 03	0	33		CW	S3	03	0	500	0	0	0	500	0	500	C	0	-50	0	550	0	0	0	0	0	500	
0 9 2008 STORM SEWER REHABILITATION CW S2 03 18 0 0 0 18 0 0 0 18 0 0 0 18 0 0 0 0 18 0 0 0 0			Sub-total				8,040	9,000	5,370	2,500	310	25,220	950	26,170	0	0	2,026	0	24,144	0	0	0	0	0	26,170	
0 18 COATSWORTH CUT - PHASE 1 CW S2 04 43 110 110 110 0 373 0 373 0 373 0 376 0 0 0 0 0 0 0 373 0 26 COATSWORTH CUT - PHASE 1 CW S3 04 0 90 -110 -110 0 -310 0 -310 0 0 0 -37 0 326 0 0 0 0 0 0 0 310 0 27 2008 STORM SEWER REHABILITATION - CW S3 03 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WAS906964 CONVEYANCE CONTROLS - REPLC & REHAB																									
CONSTRUCTION 2 86 COATSWORTH CUT - PHASE 1 CW S3 04 0 -90 -110 -110 0 -310 0 -310 0 0 -37 0 -273 0 0 0 0 0 0 -310 2 7 2008 STORM SEWER REHABILITATION - CW S3 03 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	9	2008 STORM SEWER REHABILITATION	CW	S2	03	18	0	0	0	0	18	0	18	C	0	0	0	18	0	0	0	0	0	18	
CONSTRUCTION -2014 SC 0 27 2008 STORM SEWER REHABILITATION - CW S3 03 4 0 0 0 0 0 4 0 4 0 0 0 0 0 0 4 0 0 0 0	0	18		CW	S2	04	43	110	110	110	0	373	0	373	C	0	37	0	336	0	0	0	0	0	373	
Sub-total Sub-	0	26		CW	S3	04	0	-90	-110	-110	0	-310	0	-310	C	0	-37	0	-273	0	0	0	0	0	-310	
Name	0	27		- CW	S3	03	4	0	0	0	0	4	0	4	C	0	0	0	4	0	0	0	0	0	4	
0 17 TRCA FUNDING - 2014 SC			Sub-total				65	20	0	0	0	85	0	85	0	0	0	0	85	0	0	0	0	0	85	
Sub-total Sub-total 3,970 0 0 0 3,970 0 3,970 0 0 3,970 0 0 320 0 3,650 0 0 0 0 0 3,970 WASSOCIATION CW S2 03 1,118 0 0 0 1,118 0 1,118 0 0 1,118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WA	S906966	SWM TRCA FUNDING																							
WAS906968 ENGINEERING 0 2 CONSULTING FEES CW S2 03 2,928 2,000 0 0 0 4,928 0 4,928 0 0 0 0 4,928 0 0 0 0 4,928 0 0 0 0 4,928 0 0 0 0 0 4,928 0 0 0 0 0 1,118 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 0 1,118 0 0 0 0 0 0 0 1,118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	17	TRCA FUNDING - 2014 SC	CW	S3	04	3,970	0	0	0	0	3,970	0	3,970	C	0	320	0	3,650	0	0	0	0	0	3,970	
0 2 CONSULTING FEES CW S2 03 2,928 2,000 0 0 0 4,928 0 0 0 0 4,928 0 0 0 0 4,928 0 0 0 0 4,928 0 0 0 0 4,928 0 0 0 0 0 4,928 0 0 0 0 0 1,118 0 1,118 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 0 1,118 0 0 0 0 0 0 0 1,118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				3,970	0	0	0	0	3,970	0	3,970	0	0	320	0	3,650	0	0	0	0	0	3,970	
0 31 ROAD RESTORATION CW S2 03 1,118 0 0 0 0 1,118 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 1,118 0 0 0 0 0 0 1,118 0 0 0 0 0 0 1,118 0 0 0 0 0 0 0 1,118 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WA:	S906968	B ENGINEERING																							
0 51 CONSULTING FEES-2014 SC CW S3 03 27 3,298 6,874 5,912 5,445 21,556 9,176 30,732 0 0 0 0 30,732 0 0 0 0 30,732	0	2	CONSULTING FEES	CW	S2	03	2,928	2,000	0	0	0	4,928	0	4,928	C	0	0	0	4,928	0	0	0	0	0	4,928	
	0	31	ROAD RESTORATION	CW	S2	03	1,118	0	0	0	0	1,118	0	1,118	C	0	0	0	1,118	0	0	0	0	0	1,118	
0 52 ECS SALARIES CW S4 03 12,033 0 0 0 0 12,033 0 0 0 0 0 12,033 0 0 0 0 12,033	0	51	CONSULTING FEES-2014 SC	CW	S3	03	27	3,298	6,874	5,912	5,445	21,556	9,176	30,732	C	0	0	0	30,732	0	0	0	0	0	30,732	
	0	52	ECS SALARIES	CW	S4	03	12,033	0	0	0	0	12,033	0	12,033	C	0	0	0	12,033	0	0	0	0	0	12,033	

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

	•																								
Wa	stew	rater Program																							
							Curre	ent and Fu	ture Year	Cash Flo	w Commitr	nents		Current and Future Year Cash Flow Commitments Financed By											
	oritySu	oject No. Project Name ubProj No. Sub-project Name us ENGINEERING	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current Otl	her 1	Other2	Del Recov Debt		1 '0	otal ncing
	53	ROAD RESTORATION - 2014 SC	CW	S3	03	1,534	0	0	0	0	1,534	0	1,534	() (0 0	0	1,534	0	0	0	0	0		1,534
		Sub-total				17,640	5,298	6,874	5,912	5,445	41,169	9,176	50,345	C) (0 0	0	50,345	0	0	0	0	0	50	0,345
WA	390697	3 SEWER REPLACEMENT PROGRAM																						\vdash	\dashv
0	24	SEWAGE FORCEMAIN REPLACEMENT	CW	S2	03	4,243	0	0	0	0	4,243	0	4,243	() (0	0	4,243	0	0	0	0	0	, ,	4,243
0	25	SEWER REPLACEMENT 2012	CW	S2	03	1,700	0	0	0	0	1,700	0	1,700	() (0 170	0	1,530	0	0	0	0	0		1,700
0	35	SEWER REPLACMENT - 2013 PROGRAI	и см	S2	03	16,748	0	0	0	0	16,748	0	16,748	() (0 0	0	16,748	0	0	0	0	0	10	6,748
0	36	SEWER REPLACEMENT -2014	CW	S4	03	13,132	6,596	2,000	0	0	21,728	0	21,728	() (0	0	21,728	0	0	0	0	0	2.	1,728
0	44	COXWELL TRUNK EMERGENCY REPAIR	R CW	S2	03	1,747	1,541	0	0	0	3,288	0	3,288	() (0 0	0	3,288	0	0	0	0	0	,	3,288
0	46	WATERFRONT STORMWATER INFRASTRUCTURE	CW	S2	04	11,750	0	0	0	0	11,750	0	11,750	() (4,860	0	6,890	0	0	0	0	0	1	1,750
0	47	WATERFRONT SANITARY SERVICING INFRASTRUCTURE	CW	S2	04	16,020	0	0	0	0	16,020	0	16,020) (10,480	0	5,540	0	0	0	0	0	16	6,020
0	48	SEWER REPLACEMENT 2012 -2014 SC	CW	S3	03	-1,059	2,122	0	0	0	1,063	0	1,063	() (0 -170	0	1,233	0	0	0	0	0		1,063
0	49	SEWER REPLACMENT - 2013 PROGRAI -2014 SC	M CW	S3	03	-9,278	4,522	0	0	0	-4,756	0	-4,756) (965	0	-5,721	0	0	0	0	0		4,756
0	52	SEWER REPLACEMENT - METROLINX	CW	S4	03	50	2,195	1,608	1,096	603	5,552	0	5,552	() (0 0	0	5,552	0	0	0	0	0		5,552
0	54	SEWAGE FORCEMAIN REPLACEMENT 2014 SC	- CW	S3	03	-3,243	1,000	0	0	0	-2,243	0	-2,243) (0 0	0	-2,243	0	0	0	0	0		2,243
0	55	SEWER REPLACEMENT - LESLIE ST	CW	S4	03	10,000	0	0	0	0	10,000	0	10,000	() (0 0	0	10,000	0	0	0	0	0	10	0,000
0	56	COXWELL TRUNK EMERGENCY REPAIR 2014 SC	R - CW	S3	03	-747	0	0	0	0	-747	0	-747	() (0 0	0	-747	0	0	0	0	0		-747
		Sub-total				61,063	17,976	3,608	1,096	603	84,346	0	84,346	C) (16,305	0	68,041	0	0	0	0	0	84	4,346
WA	<u> </u>	ASHBRIDGES BAY T.P. YR2006																							
0	8	MEDIATION AGREEMENT IMPLEMENTATION - PART 2	CW	S2	04	45	25	0	0	0	70	0	70	() (3	0	67	0	0	0	0	0		70
0	9	DEWATERING EQUIPMENT UPGRADES	cw	S2	03	2,580	143	10	0	0	2,733	0	2,733) (0 81	0	2,652	0	0	0	0	0	1	2,733
0	34	MEDIATION AGREEMENT IMPLEMENTATION-PART 2 -2014 SC	CW	S3	04	-20	0	0	0	0	-20	0	-20) (0 1	0	-21	0	0	0	0	0		-20
0	35	DEWATERING EQUIPMENT UPGRADES -2014 SC	cw	S3	03	-1,780	1,467	2,216	0	0	1,903	0	1,903	() (292	0	1,611	0	0	0	0	0		1,903
		Sub-total				825	1,635	2,226	0	0	4,686	0	4,686	O) (377	0	4,309	0	0	0	0	0		4,686
WA	<u> 890698</u>	HIGHLAND CREEK WWTP UPGRADES																							
0	1	PROCESS & FACILITY UPGRADE	CW	S2	04	3,095	850	810	240	0	4,995	0	4,995	() (0	0	4,995	0	0	0	0	0	4	4,995

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

							Curre	ent and Fu	ture Year	Cash Flov	w Commitn	nents			Cui	rrent and Fu	uture Year	Cash Flo	w Commi	tments F	inanced	Ву		
Sub- Prior		ect No. Project Name Proj No. Sub-project Name	Ward	Stat.	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Reco	ebt - overable	Total Financing
WAS	06981	HIGHLAND CREEK WWTP UPGRADES																						
0	3	BIOSOLIDS TREATMENT UPGRADES	CW	S2	03	25,530	21,007	20,700	14,021	30	81,288	0	81,288	c	0	1,625	0	79,663	0	0	0	0	0	81,288
0	5	TRANSFORMERS AND SWITCHGEAR	CW	S2	05	0	0	1,000	1,250	1,690	3,940	1,200	5,140	C	0	0	0	5,140	0	0	0	0	0	5,140
0		MECH & ELECTRICAL UPGRADE ENGINEERING	CW	S2	03	1,452	685	0	0	0	2,137	0	2,137	C	0	0	0	2,137	0	0	0	0	0	2,137
0	8	DIGESTER GAS SYSTEM UPGRADES	CW	S2	03	1,830	4,950	4,680	50	0	11,510	0	11,510	С	0	0	0	11,510	0	0	0	0	0	11,510
0	16	MECH SYSTEMS UPGRADES - CONSTR	CW	S2	03	1,200	0	0	0	0	1,200	0	1,200	C	0	0	0	1,200	0	0	0	0	0	1,200
0	23	ELECTRICAL UPGRADES-ECAR	CW	S2	03	2,430	2,381	9,065	0	0	13,876	0	13,876	C	0	0	0	13,876	0	0	0	0	0	13,876
0	31	ELEC SYSTEM UPGRADES - CONSTR	CW	S2	03	3,500	0	0	0	0	3,500	0	3,500	C	0	0	0	3,500	0	0	0	0	0	3,500
0	32	CEPA COMPLIANCE -HCTP - 2014 SC	CW	S3	02	200	2,000	300	0	0	2,500	0	2,500	c	0	0	0	2,500	0	0	0	0	0	2,500
0		PROCESS & FACILITY UPGRADE -2014 SC	CW	S3	04	-795	1,930	513	370	620	2,638	1,079	3,717	C	0	0	0	3,717	0	0	0	0	0	3,717
0		BIOSOLIDS TREATMENT UPGRADES -2014 SC	CW	S3	03	-18,772	-10,115	-50	6,060	9,120	-13,757	30	-13,727	c	0	3,838	0	-17,565	0	0	0	0	0	-13,727
0		TRANSFORMERS AND SWITCHGEAR -2014 SC	CW	S3	05	0	0	0	0	0	0	0	0	C	0	414	0	-414	0	0	0	0	0	0
0		MECH & ELECTRICAL UPGRADE ENGINEERING -2014 SC	CW	S3	03	-1,027	782	57	0	0	-188	0	-188	c	0	0	0	-188	0	0	0	0	0	-188
0		MECH SYSTEMS UPGRADES - CONSTR -2014 SC	CW	S3	03	-1,000	1,031	0	0	0	31	0	31	c	0	0	0	31	0	0	0	0	0	31
0		ELEC SYSTEM UPGRADES - CONSTR -2014 SC	CW	S3	03	-1,800	1,076	0	0	0	-724	0	-724	c	0	0	0	-724	0	0	0	0	0	-724
0		DIGESTER GAS SYSTEM UPGRADES -2014 SC	CW	S3	03	-1,630	-3,280	270	4,630	50	40	0	40	c	0	0	0	40	0	0	0	0	0	40
0	79	ELECTRICAL UPGRADES-ECAR -2014 SC	c cw	S3	03	-218	-41	-5,930	590	2,720	-2,879	4,800	1,921	c	0	0	0	1,921	0	0	0	0	0	1,921
0		DIGESTERS CLEANING REHAB 10 YEAR PLAN	CW	S4	03	1,600	2,000	0	0	0	3,600	0	3,600	c	0	0	0	3,600	0	0	0	0	0	3,600
0		PLANT FIRM CAPACITY - CONCEPT DESIGN	CW	S4	03	400	0	0	0	0	400	0	400	С	0	0	0	400	0	0	0	0	0	400
		Sub-total				15,995	25,256	31,415	27,211	14,230	114,107	7,109	121,216	0	0	5,877	0	115,339	0	0	0	0	0	121,216
WAS	06982	HUMBER WWTP UPGRADES																						
0	1	BUILDING UPGRADE ENGINEERING	CW	S2	03	34	0	0	0	0	34	0	34	c	0	0	0	34	0	0	0	0	0	34
0	2	Chlorine Building Upgrade	CW	S2	01	5,226	36	0	0	0	5,262	0	5,262	С	0	0	0	5,262	0	0	0	0	0	5,262
0	5	FLOOD PROTECTION	CW	S2	02	150	0	0	0	0	150	0	150	c	0	0	0	150	0	0	0	0	0	150
0	6	NEW SUBSTATION	CW	S2	03	7,934	0	0	0	0	7,934	0	7,934	C	0	0	0	7,934	0	0	0	0	0	7,934

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

					[Curre	nt and Fu	iture Year	Cash Flo	v Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commit	ments F	inanced I	Ву		
Sub- Priori	<u>Project</u>	No. Project Name ji No. Sub-project Name	Ward	Stat	Cat	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal (Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover	able	Total Financing
		IMBER WWTP UPGRADES	vvaiu	Jidi.	Jul.					_0.0	_017-2010	2.12.2020	2017-2020	Subsidies	3023103						30.01L		十	· manoring
0	7 EL	ECTRICAL CONDITION ASSESSMENT COMMENDATIONS	Γ CW	S2	01	3,842	4,000	4,750	2,000	2,700	17,292	5,300	22,592	0	0	0	0	22,592	0	0	0	0	0	22,592
0		W GROUNDSKEEPING BUILDING and S Control Room	d CW	S2	01	1,490	0	0	0	0	1,490	0	1,490	0	0	0	0	1,490	0	0	0	0	0	1,490
0	20 BL	DG & GROUNDS UPGRADE	CW	S2	03	320	376	0	0	0	696	0	696	0	0	0	0	696	0	0	0	0	0	696
0	29 AE	MIN BUILDING EXPANSION	CW	S4	04	100	250	400	0	0	750	0	750	0	0	0	0	750	0	0	0	0	0	750
0	52 H\	AC UPGRADES	CW	S2	03	1,146	210	0	0	0	1,356	0	1,356	0	0	0	0	1,356	0	0	0	0	0	1,356
0	62 Ch	lorine Building Upgrade -2014 SC	CW	S3	01	-826	2,230	25	25	0	1,454	0	1,454	0	0	0	0	1,454	0	0	0	0	0	1,454
0		ECTRICAL CONDITION ASSESSMENT C -2014 SC	Γ CW	S3	01	-2,167	-1,871	-1,225	425	-450	-5,288	-1,800	-7,088	0	0	0	0	-7,088	0	0	0	0	0	-7,088
0	64 NE	W SUBSTATION -2014 SC	CW	S3	03	-4,971	2,080	3,015	0	0	124	0	124	0	0	0	0	124	0	0	0	0	0	124
0	65 BL	DG & GROUNDS UPGRADE -2014 SC	CW	S3	03	-320	-376	0	0	0	-696	0	-696	0	0	0	0	-696	0	0	0	0	0	-696
0	66 H\	AC UPGRADES -2014 SC	CW	S3	03	-546	3,290	1,620	20	10	4,394	0	4,394	0	0	0	0	4,394	0	0	0	0	0	4,394
0	70 FL	OOD PROTECTION - 2014 SC	CW	S3	02	0	250	0	0	0	250	0	250	0	0	0	0	250	0	0	0	0	0	250
0		ILDING UPGRADE ENGINEERING - 14 SC	CW	S3	03	218	0	0	0	0	218	0	218	0	0	0	0	218	0	0	0	0	0	218
0		W GROUNDSKEEPING BDLG & RAS NTROL - 2014 SC	CW	S3	01	-40	350	0	0	0	310	0	310	0	0	0	0	310	0	0	0	0	0	310
		Sub-total			Ī	11,590	10,825	8,585	2,470	2,260	35,730	3,500	39,230	0	0	0	0	39,230	0	0	0	0	0	39,230
WAS9	06994 HI	GHLAND CREEK WWTP - SOLIDS & G	AS HA		Ì																		\dashv	
0		TP BIOSOLIDS IMPLEMENTATION - GINEERING	CW	S2	04	1,911	5,000	4,200	3,000	3,000	17,111	4,300	21,411	0	0	428	0	20,983	0	0	0	0	0	21,411
0		AS THICKENING AND DEWATERING INSTR	CW	S2	03	4,733	0	16	0	0	4,749	0	4,749	0	0	95	0	4,654	0	0	0	0	0	4,749
0		AS THICKENING AND DEWATERING NNSTR -2014 SC	CW	S3	03	-3,083	3,000	4,031	0	0	3,948	0	3,948	0	0	606	0	3,342	0	0	0	0	0	3,948
0		TP - BIOSOLIDS IMPLEMENTATION - G -2014 SC	CW	S3	04	-711	-700	-1,200	0	0	-2,611	-1,800	-4,411	0	0	939	0	-5,350	0	0	0	0	0	-4,411
		Sub-total				2,850	7,300	7,047	3,000	3,000	23,197	2,500	25,697	0	0	2,068	0	23,629	0	0	0	0	0	25,697
WAS9	07038 <u>La</u>	nd Acquisition for Source Water Protect			Ī	Ī																	İ	İ
0		OSION PROTECTION & LAND QUISITION	CW	S2	04	2,000	2,000	0	0	0	4,000	0	4,000	0	0	0	0	4,000	0	0	0	0	0	4,000
0		OSION PROTECTION & LAND QUISITION -2014 SC	CW	S3	04	5,000	5,000	0	0	0	10,000	0	10,000	0	0	1,128	0	8,872	0	0	0	0	0	10,000
		Sub-total			Ì	7,000	7,000	0	0	0	14,000	0	14,000	0	0	1,128	0	12,872	0	0	0	0	0	14,000
WAS9	07097 AS	HBRIDGES BAY WWTP - BUILDING S	SERVIC		Ì																		\top	

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

					Curre	ent and Fu	uture Year	Cash Flo	w Commitn	nents			Cui	rrent and Fu	ıture Year	Cash Flor	w Commi	tments Fi	nanced E	Ву		
oject No. Project Name	Ward	Ctot	Cat	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and	Federal	Development Charges	Reserves	Reserve Funds	Capital from Current	Othor 1	Othor?	Debt Recove	able	Total
ubProj No. Sub-project Name		Siai.	Gai.	2014	2013	2010	2017	2010	2014-2016	2013-2023	2014-2023	Subsidies	Subsidy	Onarges			Odiront	Other	Otherz	Debi	-	Financing
7 ASHBRIDGES BAY WWTP - BUILDING S	ERVIC																					
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	0	270
CITY IMPROVEMENTS RE: TH COGEN	CW	S2	04	1,020	1,300	2,500	2,200	1,000	8,020	50	8,070	0	0	0	0	8,070	0	0	0	0	0	8,070
BLOWER BLDG AND OLD NORTH SUBSTAION IMPROVEMENTS	CW	S2	04	0	0	700	1,760	1,950	4,410	1,105	5,515	0	0	0	0	5,515	0	0	0	0	0	5,515
CONTROLLED SUBSTANCE IDENTIFICATION - 2014 SC	CW	S3	02	0	270	0	0	0	270	0	270	O	0	0	0	270	0	0	0	0	0	270
CITY IMPROVEMENTS RE: TH COGEN -2014 SC	CW	S3	04	-870	-400	-1,200	300	1,200	-970	1,000	30	o	0	0	0	30	0	0	0	0	0	30
BLOWER BLDG & OLD NORTH SUBSTAION IMPROV - 2014 SC	CW	S3	04	700	1,950	2,105	-1,700	-1,950	1,105	-1,105	0	o	0	0	0	0	0	0	0	0	0	0
Sub-total				1,120	3,120	4,105	2,560	2,200	13,105	1,050	14,155	0	0	0	0	14,155	0	0	0	0	0	14,155
8 ASHBRIDGES BAY WWTP - EFFLUENT	SYSTE																				Ì	
ABTP DISINFECTION ENGINEERING	CW	S2	02	4,498	5,260	4,000	4,000	1,720	19,478	20	19,498	o	0	586	0	18,912	0	0	0	0	0	19,498
ABTP OUTFALL ASSESSMENT	CW	S2	02	688	0	0	0	0	688	0	688	o	0	20	0	668	0	0	0	0	0	688
ABTP DISINFECTION ENGINEERING -2014 SC	CW	S3	02	-3,498	-3,611	-500	410	-110	-7,309	1,119	-6,190	О	0	486	0	-6,676	0	0	0	0	0	-6,190
ABTP OUTFALL ASSESSMENT -2014 SC	CW	S3	02	-475	1,300	0	0	0	825	0	825	О	0	102	0	723	0	0	0	0	0	825
Sub-total				1,213	2,949	3,500	4,410	1,610	13,682	1,139	14,821	0	0	1,194	0	13,627	0	0	0	0	0	14,821
9 ASHBRIDGES BAY WWTP - LIQUID TRE	13MTA																				Ì	
FINE BUBBLE AERATION IMPLEMENTATION	CW	S2	03	12,450	4,000	0	0	0	16,450	0	16,450	o	0	494	0	15,956	0	0	0	0	0	16,450
PRIMARY TREATMENT UPGRADE CON'	T CW	S2	03	37,680	35,200	30,200	29,200	0	132,280	0	132,280	o	0	3,969	0	128,311	0	0	0	0	0	132,280
M & T PUMPING STATION CRITICAL REPAIRS	CW	S4	03	1,200	4,500	2,670	0	0	8,370	0	8,370	О	0	0	0	8,370	0	0	0	0	0	8,370
Primary and Secondary Tanks Rehabilitati	on CW	S2	03	414	0	0	0	0	414	4,618	5,032	0	0	156	0	4,876	0	0	0	0	0	5,032
INTERGRATED PUMPING STATION - ENGINEERING	CW	S2	03	4,144	9,955	4,005	3,000	3,000	24,104	11,000	35,104	o	0	1,053	0	34,051	0	0	0	0	0	35,104
WORK AREA 1 REHAB	CW	S2	03	20	20	0	0	0	40	0	40	0	0	0	0	40	0	0	0	0	0	40
WORK AREA 5 REHAB	CW	S2	03	400	0	0	0	0	400	0	400	О	0	0	0	400	0	0	0	0	0	400
INTEGRATED PUMPING STATION - CONSTRUCTION	CW	S2	03	3,500	0	0	0	0	3,500	0	3,500	0	0	105	0	3,395	0	0	0	0	0	3,500
WORK AREA 1 REHAB-2014 SC	CW	S3	03	175	-18	0	0	0	157	0	157	0	0	0	0	157	0	0	0	0	0	157
WORK AREA 5 REHAB-2014 SC	CW	S3	03	-400	0	0	0	0	-400	0	-400	0	0	0	0	-400	0	0	0	0	0	-400
	CONSTRUCTION WORK AREA 1 REHAB-2014 SC	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18	CONSTRUCTION WORK AREA 1 REHAB-2014 SC	CONSTRUCTION WORK AREA 1 REHAB-2014 SC	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157	CONSTRUCTION WORK AREA 1 REHAB-2014 SC	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157 0 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157 0 0 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157 0 0 0 0 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157 0 0 0 0 157	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157 0 0 0 0 157 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 157 0 0 0 0 157 0 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 0 0 0 157 0 0 0 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 0 0 0 157 0 0 0 0	CONSTRUCTION WORK AREA 1 REHAB-2014 SC CW S3 03 175 -18 0 0 0 157 0 0 0 0 0 157 0 0 0 0 0 0

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

Second Column Second Colum								Curre	ent and Fu	iture Year	Cash Flov	w Commitn	nents			Cui	rrent and Fu	uture Year	Cash Flo	w Commi	itments F	inanced	Ву		
Signature Sign	PriorityS	ubProj No.	Sub-project Name		Stat.	Cat.	2014	2015	2016	2017	2018			l I	Grants and	Federal Subsidy	Development Charges	Reserves		from	Other 1	Other2	Rec		Total Financing
AMPLIANTATION AIR SCI	WAS90709	99 ASHBRID	OGES BAY WWTP - LIQUID TREA	1 <u>AMT</u>																					
E-NORMERINAS DIA SCI	0 51			CW	S3	03	-10,000	5,500	8,000	0	0	3,500	0	3,500	o	0	1,112	0	2,388	0	0	0	0	0	3,500
**************************************	0 52			CW	S3	03	-2,236	-5,455	3,045	4,050	4,000	3,404	10,233	13,637	0	0 0	-1,053	0	14,690	0	0	0	0	0	13,637
CONSIDER SET 100 STORM SET 100	0 53			CW	S3	03	-16,980	-9,225	-200	4,300	28,000	5,895	0	5,895	0) 0	7,150	0	-1,255	0	0	0	0	0	5,895
Sub-bind Sub-bind	0 54			CW	S3	03	-3,500	0	10,000	35,000	45,000	86,500	235,000	321,500	o	0 0	-105	0	321,605	0	0	0	0	0	321,500
Massion Mass	0 55		and Secondary Tanks Rehab -2014	4 CW	S3	03	1,486	1,100	100	0	0	2,686	-4,618	-1,932	o	0 0	95	0	-2,027	0	0	0	0	0	-1,932
MASTE ACTIVATED SLUDGE UPGRADE: CW S2 03 3.760 2.800 2.200 2.000 12.760 4.100 16.860 0 0 566 0 16.354 0 0 0 0 0 0 16.860 0 16.360 0 0 0 0 0 0 0 16.860 0 16.860 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Sub-total				28,353	45,577	57,820	75,550	80,000	287,300	256,233	543,533	0	O	12,976	0	530,557	0	0	0	0	0	543,533
ENONINEERING 0 4 DIGESTERS 9-12 REPURBISHMENT OW \$2 03 5,320 13,510 12,310 40 30 31,210 0 31,210 0 0 935 0 30,275 0 0 0 0 0 31,210 0 880 0 800 0 800 0 0 0 0 0 0 0 0 0 0	WAS90710	00 ASHBRID	OGES BAY WWTP - SOLIDS & GA	S HA		:																			
0 8 BIOSOLIDS PELLETIZER RETROFIT CW S2 03 400 400 0 0 0 800 0 0 0 0 0 800 0 0 0 0	0 3			- CW	S2	03	3,760	2,800	2,200	2,000	2,000	12,760	4,100	16,860	o	0	506	0	16,354	0	0	0	0	0	16,860
1.480 2.5 PELLETIZER TRUCK LOADING FACILITY CW S2 03 1.480 0 0 0 0 1.480 0 0 0 0 0 1.480 0 0 0 0 0 0 0 0 0	0 4	DIGESTE	ERS 9-12 REFURBISHMENT	CW	S2	03	5,320	13,510	12,310	40	30	31,210	0	31,210	0	0	935	0	30,275	0	0	0	0	0	31,210
UPGRADES 0 28 DIGESTERS 9-12 REFURBISHMENT -2014 CW S3 03 -4.670 -13.160 -1.310 10.970 8.280 110 70 180 0 0 1.590 0 -1.410 0 0 0 0 0 0 180 Reserved by the control of the c	0 8	BIOSOLII	DS PELLETIZER RETROFIT	CW	S2	03	400	400	0	0	0	800	0	800	o	0 0	0	0	800	0	0	0	0	0	800
SC Substitute	0 25			CW	S2	03	1,480	0	0	0	0	1,480	0	1,480	o	0	0	0	1,480	0	0	0	0	0	1,480
ENG -2014 SC 0 30 PELLETIZER TRUCK LOADING FACILITY CW S3 03	0 28		ERS 9-12 REFURBISHMENT -201	4 CW	S3	03	-4,670	-13,160	-1,310	10,970	8,280	110	70	180	o	0	1,590	0	-1,410	0	0	0	0	0	180
UPGRADE - 2014 SC Sub-total 3,600 4,250 15,000 13,510 10,310 46,670 4,170 50,840 0 0 3,901 0 46,939 0 0 0 0 0 50,840	0 29			- CW	S3	03	-1,760	-300	1,800	500	0	240	0	240	0) 0	870	0	-630	0	0	0	0	0	240
WAS907101 ASHBRIDGES BAY WWTP - 0&M UPGRADES 0 5 PROCESS & EQUIP UPGRADES CW S2 03 46 0 0 0 0 46 0 46 0 0 0 0 0 46 0 0 0 0	0 30			CW	S3	03	-930	1,000	0	0	0	70	0	70	0) 0	0	0	70	0	0	0	0	0	70
PROCESS & EQUIP UPGRADES CW S2 03 46 0 0 0 0 46 0 46 0 0 0 0 46 0 0 0 0 0			Sub-total				3,600	4,250	15,000	13,510	10,310	46,670	4,170	50,840	0	O	3,901	0	46,939	0	0	0	0	0	50,840
0 6 MESI UPGRADES CW S2 03 2,311 0 0 0 0 2,311 0 0 0 0 2,311 0 0 0 0 0 2,311 0 0 0 0 0 2,311 0 0 0 0 0 2,311 0 0 0 0 0 2,311 0 0 0 0 0 2,311 0 0 0 0 0 0 2,311 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 0 10,216 0 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 0 10,216 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	WAS90710	01 ASHBRID	OGES BAY WWTP - O&M UPGRA	<u>DES</u>																					
0 7 MISC MECH REHAB CW S2 03 6,216 4,000 0 0 10,216 0 10,216 0 0 0 0 0 10,216 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 10,216 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 5	PROCES	S & EQUIP UPGRADES	CW	S2	03	46	0	0	0	0	46	0	46	O	0	0	0	46	0	0	0	0	0	46
0 18 MISC MECH REHAB -2014 SC	0 6	MESI UP	GRADES	CW	S2	03	2,311	0	0	0	0	2,311	0	2,311	o	0	0	0	2,311	0	0	0	0	0	2,311
0 19 Process & Equip Upgrades -2014 SC	0 7	MISC ME	CH REHAB	CW	S2	03	6,216	4,000	0	0	0	10,216	0	10,216	o	0	0	0	10,216	0	0	0	0	0	10,216
0 20 MESI UPGRADES -2014 SC CW S3 03 0 2,500 0 0 0 2,500 0 0 2,500 0 0 0 0 0 2,500 0 0 0 0 0 2,500 0 0 0 0 2,500 0 0 0 0 16,788 Sub-total 3,719 8,069 5,000 0 0 16,788 0 0 0 0 0 16,788 0 0 0 0 0 16,788 0 0 0 0 0 16,788	0 18	MISC ME	CH REHAB -2014 SC	CW	S3	03	-4,877	1,500	5,000	0	0	1,623	0	1,623	0	0	0	0	1,623	0	0	0	0	0	1,623
Sub-total 3,719 8,069 5,000 0 0 16,788 0 0 0 0 0 16,788 0 0 0 0 0 16,788 UMAS907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL	0 19	Process 8	& Equip Upgrades -2014 SC	CW	S3	03	23	69	0	0	0	92	0	92	O	0	0	0	92	0	0	0	0	0	92
WAS907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL	0 20	MESI UP	GRADES -2014 SC	CW	S3	03	0	2,500	0	0	0	2,500	0	2,500	o	0	0	0	2,500	0	0	0	0	0	2,500
			Sub-total				3,719	8,069	5,000	0	0	16,788	0	16,788	0	C	0	0	16,788	0	0	0	0	0	16,788
0 6 BIOFILTERS UPGRADE CW S2 03 7,396 7,091 2,100 122 0 16,709 0 16,709 0 0 502 0 16,207 0 0 0 0 16,709	WAS90710	02 ASHBRID	OGES BAY WWTP - ODOUR CON	TROL																					
	0 6	BIOFILTE	ERS UPGRADE	CW	S2	03	7,396	7,091	2,100	122	0	16,709	0	16,709	0	0	502	0	16,207	0	0	0	0	0	16,709

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

		Curre	ent and Fu	iture Year	Cash Flo	w Commitn	nents			Cur	rent and Fu	ture Year	Cash Flo	w Commit	ments F	inanced I	Ву		
Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. C.	at. 2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal (Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recovers Debt	able	Total Financing
WAS907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL									Cubsidies										
0 13 D BUILDING TREATMENT & BIOFILTER CW S2 0	1,700	0	0	0	0	1,700	0	1,700	О	0	51	0	1,649	0	0	0	0	0	1,700
0 29 D BUILDING TREATMENT & BIOFILTER CW S3 0 -2014 SC	-500	1,613	0	0	0	1,113	0	1,113	0	0	176	0	937	0	0	0	0	0	1,113
0 31 BIOFILTERS UPGRADE -2014 SC CW S3 0	-6,299	-251	6,642	6,000	0	6,092	0	6,092	0	0	1,333	0	4,759	0	0	0	0	0	6,092
Sub-total	2,297	8,453	8,742	6,122	0	25,614	0	25,614	0	0	2,062	0	23,552	0	0	0	0	0	25,614
WAS907104 HUMBER WWTP - LIQUID TREATMENT & HAN																			
0 2 SECONDARY TREATMENT UPGRADES CW S2 0	13,998	23,245	28,245	43,225	43,225	151,938	122,720	274,658	O	0	2,745	0	271,913	0	0	0	0	0	274,658
0 15 SECONDARY TREATMENT UPGRADES CW S3 0 -2014 SC	-9,133	-14,917	-24,754	-40,000	-40,113	-128,917	-117,990	-246,907	0	0	-2,745	0	-244,162	0	0	0	0	0	-246,907
Sub-total Sub-total	4,865	8,328	3,491	3,225	3,112	23,021	4,730	27,751	0	0	0	0	27,751	0	0	0	0	0	27,751
WAS907105 HUMBER WWTP - O&M UPGRADES																			
0 1 Digester 7 & 8 Upgrades & Cogen Upgrades CW S2 0	9,850	4,000	1,000	0	0	14,850	0	14,850	o	0	0	0	14,850	0	0	0	0	0	14,850
0 2 LIQUID STREAM UPGRADES CW S2 0	300	0	0	0	0	300	0	300	О	0	3	0	297	0	0	0	0	0	300
0 11 DIGESTER CLEANING & UPGRADES CW S2 0	600	0	0	0	0	600	0	600	o	0	0	0	600	0	0	0	0	0	600
0 24 Digester 7 & 8 Upgrades & Cogen Upgrades CW S3 0 -2014 SC	-4,700	4,634	2,304	0	0	2,238	0	2,238	o	0	0	0	2,238	0	0	0	0	0	2,238
0 25 LIQUID STREAM UPGRADES -2014 SC CW S3 0	-250	250	0	0	0	0	0	0	o	0	21	0	-21	0	0	0	0	0	0
0 26 DIGESTER CLEANING & UPGRADES - CW S3 0 2014 SC	-600	0	0	0	0	-600	0	-600	o	0	0	0	-600	0	0	0	0	0	-600
Sub-total	5,200	8,884	3,304	0	0	17,388	0	17,388	0	0	24	0	17,364	0	0	0	0	0	17,388
WAS907106 HUMBER WWTP - ODOUR CONTROL																			
0 1 Odour Control Implementation Phase 1 CW S2 0	19,550	15,000	15,000	10,000	0	59,550	0	59,550	o	0	596	0	58,954	0	0	0	0	0	59,550
0 10 Odour Control Implementation Phase 1 CW S3 0 -2014 SC	-14,550	0	5,000	10,000	5,000	5,450	0	5,450	О	0	4,635	0	815	0	0	0	0	0	5,450
Sub-total	5,000	15,000	20,000	20,000	5,000	65,000	0	65,000	0	0	5,231	0	59,769	0	0	0	0	0	65,000
WAS907224 SEWAGE PUMPING STATION UPGRADES																			
0 1 SPS UPGRADES CW S2 0	9,072	4,800	5,030	2,990	1,094	22,986	0	22,986	О	0	1,724	0	21,262	0	0	0	0	0	22,986
0 2 SCOTT STREET PS UPGRADES CW S2 0	5 5	0	0	0	0	5	0	5	o	0	0	0	5	0	0	0	0	0	5
0 4 SUNNYSIDE AND MARYPORT SPS CW S2 0 UPGRADES	3 1,511	0	0	0	0	1,511	0	1,511	o	0	114	0	1,397	0	0	0	0	0	1,511
0 19 SCOTT STREET PS UPGRADES -2014 SC CW S3 0	5 15	20	0	0	0	35	0	35	o	0	4	0	31	0	0	0	0	0	35

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

		ator i rogitam																						
							Curre	ent and Fu	ıture Year	Cash Flo	w Commitn	nents			Cu	rrent and Fu	ıture Year	Cash Flo	w Commi	tments F	inanced	Ву		
Sub Pric		<u>oject No. Project Name</u> bProj No. Sub-project Name	Ward	Stat	Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt Recover Debt	able	Total Financing
		SEWAGE PUMPING STATION UPGRAD		J.ui.	Jul.									Jubsities		3							\dashv	
0	20	SUNNYSIDE AND MARYPORT SPS UPGRADES -2014 SC	CW	S3	03	1,024	202	2	0	0	1,228	0	1,228	0	C	106	0	1,122	0	0	0	0	0	1,228
0	21	SPS UPGRADES -2014 SC	CW	S3	02	-2,372	420	-2,980	-2,590	-1,094	-8,616	0	-8,616	О	C	-568	0	-8,048	0	0	0	0	0	-8,616
		Sub-total				9,255	5,442	2,052	400	0	17,149	0	17,149	0	C	1,380	0	15,769	0	0	0	0	0	17,149
WAS	907559	DON & WATERFRONT TRUNK CSO																					\exists	
0	1	DON & WATERFRONT TRUNK/CSO PKO - DESIGN	G1 CW	S2	04	3,440	3,000	3,000	3,000	1,800	14,240	5,400	19,640	0	C	1,964	0	17,676	0	0	0	0	0	19,640
0	9	DON & WATERFRONT TRUNK/CSO PKG - DESIGN -2014 SC	31 CW	S3	04	-1,608	3,589	8,347	7,347	8,547	26,222	11,400	37,622	0	C	2,644	0	34,978	0	0	0	0	0	37,622
		Sub-total				1,832	6,589	11,347	10,347	10,347	40,462	16,800	57,262	0	C	4,608	0	52,654	0	0	0	0	0	57,262
WAS	907700	NORTH TORONTO WTP UPGRADES																						
0	2	NTTP-ELECTRICAL UPGRADES	CW	S2	01	1,750	1,500	0	0	0	3,250	0	3,250	0	C	0	0	3,250	0	0	0	0	0	3,250
0	7	NTTP-ELECTRICAL UPGRADES -2014 S	SC CW	S3	01	-983	-585	777	522	253	-16	0	-16	o	C	0	0	-16	0	0	0	0	0	-16
		Sub-total				767	915	777	522	253	3,234	0	3,234	0	C	0	0	3,234	0	0	0	0	0	3,234
WAS	WP003	B EMERY CREEK POND																					\exists	
0	1	EMERY CREEK POND	CW	S2	04	2,258	2,550	550	0	0	5,358	0	5,358	o	C	536	0	4,822	0	0	0	0	0	5,358
0	12	EMERY CREEK POND -2014 SC	CW	S3	04	152	0	0	0	0	152	0	152	o	C	-93	0	245	0	0	0	0	0	152
		Sub-total				2,410	2,550	550	0	0	5,510	0	5,510	0	C) 443	0	5,067	0	0	0	0	0	5,510
WAS	WP050	EQUIPMENT REPLACEMENT & REHABI	LITATIC																				\exists	
0	26	REHAB OF SOUTH PRIMARY CLARIFIE	RS CW	S2	03	18	0	0	0	0	18	0	18	o	C	0	0	18	0	0	0	0	0	18
0	30	ABTP - DIG. TANKS #1-8 MODS.	CW	S2	03	10	0	0	0	0	10	0	10	o	C	0	0	10	0	0	0	0	0	10
0	35	MTI REAL TIME CONTROL	CW	S2	04	2,200	2,000	0	0	0	4,200	0	4,200	o	C	210	0	3,990	0	0	0	0	0	4,200
0	122	North Primaries Pumping Equipment -201 SC	4 CW	S3	03	-904	1,020	1,500	705	0	2,321	0	2,321	0	C	0	0	2,321	0	0	0	0	0	2,321
0	123	MTI REAL TIME CONTROL -2014 SC	CW	S3	04	-2,000	-2,000	0	2,000	2,000	0	0	0	o	C	-210	0	210	0	0	0	0	0	o
0	124	ABTP - DIG. TANKS #1-8 MODS2014 S	SC CW	S3	03	-10	0	0	0	0	-10	0	-10	o	C	0	0	-10	0	0	0	0	0	-10
0	126	REHAB OF SOUTH PRIMARY CLARIFIED - 2014 SC	RS CW	S3	03	-8	0	0	0	0	-8	0	-8	0	C	0	0	-8	0	0	0	0	0	-8

Oct-24-2013 18:44:34

Page 16 of 17

Report 7C

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

CITY OF TORONTO

Gross Expenditures (\$000's)
Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

			Curre	nt and Fu	ture Year	Cash Flov	w Commitn	nents			Cu	rrent and Fu	uture Yea	r Cash Flo	w Comm	itments F	inanced	Ву	
<u>Sub- Project No. Project Name</u> PrioritySubProj No. Sub-project Name Ward	d Stat. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverabl Debt	^e Total Financing
WASWP050 EQUIPMENT REPLACEMENT & REHABILITATION	2																		
1 78 North Primaries Pumping Equipment CV	N S2 03	1,424	1,500	830	450	0	4,204	0	4,204	o	(0	0	4,204	0	0	0	0	4,204
Sub-total		730	2,520	2,330	3,155	2,000	10,735	0	10,735	0	(0	0	10,735	0	0	0	0	10,735
Total Program Expenditure		348,272	424,884	452,786	402,471	252,563	1,880,976	415,365	2,296,341	0	(76,100	0	2,220,241	0	0	0	0	2,296,341

Oct-24-2013 18:44:34

Page 17 of 17

Report 7C

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

CITY OF TORONTO

Status Code

Gross Expenditures (\$000's)

Appendix 4: 2014 Recommended Cash Flow and Future Year Commitments

Wastewater Program																				
		C	Current and	Future Ye	ar Cash F	low Comr	mitments ar	d Estimate	s		Curr	ent and Futur	e Year Ca	sh Flow C	commitme	ents and	Estimates	s Finan	ced By	
<u>Sub-</u> <u>Project No.</u> <u>Project Name</u> Priority SubProj No. Sub-project Name	Ward Stat. Cat.	2014	2015	2016	2017	2018	Total 2014-2018	Total 2019-2023	Total 2014-2023	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	t ; Reserves	Reserve Funds	Capital from Current	Other 1	Other2		Debt - Recoverable	Total Financing
Financed By: Development Charges		24,566	13,870	14,338	12,121	7,940	72,835	3,265	76,100	0		0 76,100	O	0) 0)	0 0)	0 0	76,100
Reserve Funds (Ind."XR" Ref.)		323,706	411,014	438,448	390,350	244,623	1,808,141	412,100	2,220,241	0		0 0	C	2,220,241	C)	0 0)	0 0	2,220,241
Total Program Financing		348,272	424,884	452,786	402,471	252,563	1,880,976	415,365	2,296,341	0		0 76,100	O	2,220,241	C)	0 0)	0 0	2,296,341

Category Code	Description
S5	S5 New (On-going or Phased Projects)
S4	S4 New - Stand-Alone Project (Current Year Only)
S3	S3 Prior Year - Change of Scope 2014 and\or Future Year Cost\Cashflow)
S2	S2 Prior Year (With 2014 and\or Future Year Cashflow)

Health and Safety C01
Legislated C02
State of Good Repair C03
Service Improvement and Enhancement C04
Growth Related C05
Reserved Category 1 C06
Reserved Category 2 C07

Description

Appendix 5

2014 Recommended Capital Project with Financing Details

Appendix 6

2014 Reserve / Reserve Fund Review (In \$000s)

Reserve/Reserve Fund Review - Program Specific

Tal	ble 1						Pr	oposed Withdr	awals				
Reserve / Reserve Fund Name	Project / SubProject Name and Number	Projected Balance as at Dec. 31, 2013*	2014 Rec. Budget	2015Plan	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2014 - 2023 Total Contributions / Withdrawals
	Beginning Balance	\$31,928		755	4,272	5.773	10.200	14.036	16.724	19.427	21.822	23,738	
Water DC Reserve Fund	AVENUE ROAD TRUNKMAIN REPLACEMENT		(169)	(756)	(1,008)								(1,933)
	BAYVIEW TRUNK WATERMAIN - PH2				(149)	(37)	(149)	(1,493)	(1,493)				(3,321)
XR2111 DC - Water (2009)	D2/D4 TRUNK WATERMAIN UPGRADES		(348)				(86)	(173)	(1,616)	(5,944)	(4,971)	(2,971)	(16,109)
	DIST W/M REPLACEMENT			(4,493)	(7,429)	(7,803)	(10,077)	(11,103)	(11,943)	(12,690)	(12,877)	(12,877)	(91,292)
	DISTRICT WATERMAINS - NEW DOWNTOWN W/M					(500)	(500)	(500)	(500)	(500)	(500)	(500)	(3,500)
	ENHANCEMENT		(3,859)	(2.846)	(1.397)	(1)							(8,103)
	ENGINEERING STUDIES		(370)	(85)	, , , , , ,								(455)
	HARRIS W.T.P. R&R			(9)	(55)	(128)	(128)						(320)
	HORGAN TRUNK MAIN EXPANSION		(39)	(304)	(2,600)	(7,154)	(7,021)	(6,646)	(1,143)				(24,907)
	HORGAN W.T.P. EXPANSION		(1,219)	(1,959)									(3,178)
	ISLAND W.T.P. R&R				(37)	(109)	(219)	(438)	(109)				(912)
	ISLAND W.T.P. R&R		(52)	(30)									(82)
	PW ENGINEERING		(258)	(165)	(175)	(150)	(100)	(60)	(60)	(60)	(60)	(60)	(1,148)
	REGENT PARK CAPITAL CONTRIBUTION			(859)	(330)	(132)	(745)	(287)	(115)	(420)	(162)	(162)	(3,212)
	RL CLARK W.T.P. R&R		(569)	(646)	(770)	(766)	(610)	(2)					(3,363)
	TRANSMISSION R&R			(6)	(121)								(127)
	TRUNK WATERMAIN EXPANSION		(287)	(431)	(838)	(2,204)	(2,012)	(2,443)	(287)				(8,502)
	WATER EFFICIENCY PROGRAM		(520)	(520)	(520)	(520)	(520)	(520)	(520)	(520)	(520)	(520)	(5,200)
	WATER STORAGE EXPANSION		(13)	(13)									(26)
	WATER SUSTAINABILITY PROGRAM		(12)	(167)	(264)	(243)							(686)
	Total Proposed Withdrawals	(\$51,810)	(16,195)	(17,331)	(22,860)	(21,152)	(22,167)	(23,665)	(23,824)	(24,400)	(25,043)	(24,651)	(176,376)
	Projected Contributions	\$19,882	16,950	20,848	24,361	25,579	26,003	26,353	26,527	26,795	26,959	27,498	247,873
TOTAL RESERVE FUND BALAN	CE AT YEAR-END		755	4,272	5,773	10,200	14,036	16,724	19,427	21,822	23,738	26,586	

(Phase 2) 10-Water Program

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



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details **Water Program Sub-Project Summary**

Project/F	Financing			2014	1				Financ	ing				
Priority	Project Project Name	Start Da	te Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WA	T000004 HORGAN W.T.P. EXPANSION													
0	2 PLANT EXPANSION - DESIGN & CONSTR ADMIN	1/1/2004	12/31/2014	100	0	0	21	0	47	0	0	32		0 0
0	18 SUPERNATANT AND FORCEMAIN INSTALLATION	1/1/2012	12/31/2013	4,098	0	0	864	0	3,234	0	0	0		0 0
0	29 SUPERNATANT AND FORCEMAIN INSTALLATION -2014	S(1/1/2014	12/31/2023	-1,598	0	0	-65	0	-1,533	0	0	0		0 0
0	30 PLANT EXPANSION - DESIGN & CONSTR ADMIN -2014	SC 1/1/2014	12/31/2023	100	0	0	43	0	25	0	0	32		0 0
0	31 PLANT EXPANSION - CONSTRUCTION -2014 SC	1/1/2014	12/31/2023	-4,000	0	0	-722	0	-1,998	0	0	-1,280		0 0
1	5 PLANT EXPANSION - CONSTRUCTION	7/1/2008	12/31/2015	5,115	0	0	1,078	0	2,400	0	0	1,637		0 0
		Project Su	b-total:	3,815	0	0	1,219	0	2,175	0	0	421		0 0
0 WA	T000014 WATER STORAGE EXPANSION													
0	1 DUFFERIN RES. EXT DESIGN AND CONT. ADMIN	1/1/2007	12/31/2015	19	0	0	5	0	14	0	0	0		0 0
0	2 Milliken PS and Reservoir - Engineering	1/1/2007	12/31/2013	25	0	0	5	0	11	0	0	9		0 0
0	5 Dufferin Reservoir Expansion - CONST	1/1/2010	12/31/2013	100	0	0	31	0	69	0	0	0		0 0
0	18 MILLIKEN P.S. CONSTRUCTION	1/1/2009	12/31/2013	100	0	0	0	0	0	0	0	100		0 0
0	28 MILLIKEN PS RESERVOIR EXT .CONSTRUCTION	1/1/2012	12/31/2021	100	0	0	21	0	41	0	0	38		0 0
0	42 DUFFERIN RES. EXT. DESIGN & CONT ADMIN -2014 SC	1/1/2014	12/31/2023	-14	0	0	-2	0	-12	0	0	0		0 0
0	44 Dufferin Reservoir Expansion - CONST -2014 SC	1/1/2014	12/31/2023	-100	0	0	-31	0	-69	0	0	0		0 0
0	45 MILLIKEN PS RESERVOIR EXT .CONSTRUCTION -2014	SC1/1/2014	12/31/2023	-100	0	0	-21	0	-41	0	0	-38		0 0
0	46 MILLIKEN P.S. CONSTRUCTION -2014 SC	1/1/2014	12/31/2023	-100	0	0	0	0	0	0	0	-100		0 0
0	47 Milliken PS and Reservoir - Engineering - 2014 SC	1/1/2014	12/31/2023	0	0	0	5	0	-5	0	0	0		0 0
		Project Su	b-total:	30	0	0	13	0	8	0	0	9		0 0
0 WA	T000018 CLARK RESIDUE MGMT. FACILITIES													
0	24 RESIDUALS RETROFITS & UPGRADES	1/1/2013	12/31/2015	400	0	0	20	0	380	0	0	0		0 0
0	26 RESIDUALS RETROFITS & UPGRADES -2014 SC	1/1/2014	12/31/2023	-200	0	0	-20	0	-180	0	0	0		0 0
		Project Su	b-total:	200	0	0	0	0	200	0	0	0		0 0
0 WA	T000021 WATER EFFICIENCY PROGRAM													
0	10 ICI INDOOR WATER AUDIT	1/1/2003	12/31/2016	368	0	0	368	0	0	0	0	0		0 0
0	11 PUBLIC EDUCATION & PROMOTIONS	1/1/2003	12/31/2016			0	99	0	99	0	0	0		0 0
0	12 ANCILLARY COSTS	1/1/2003	12/31/2016	70	0	0	70	0	0	0	0	0		0 0
0	87 PUBLIC EDUCATION & PROMOTIONS -2014 SC	1/1/2014	12/31/2023	-48	0	0	51	0	-99	0	0	0		0 0
0	90 ICI INDOOR WATER AUDIT - 2014 SC	1/1/2014	12/31/2023	-68	0	0	-68	0	0	0	0	0		0 0
		Project Su	b-total:	520	0	0	520	0	0	0	0	0		0 0
0 WA	T000340 ISLAND PLANT WINTERIZATION													
0	1 PLANT WINTERIZATION & SUMMERIZATION	1/1/2009	12/31/2014	505	0	0	0	0	505	0	0	0		0 0
-				1	l	-	ŭ	3		•	Ū	· ·		ŭ

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



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project Project Project Project Name Start Date Completion Cash Flow Cash	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 13 PLANT WINTERIZATION & SUMMERIZATION - 2014 SC 1/1/2013 12/31/2022 - 335	0 0 0
Project Sub-total: 170 0 0 0 0 170 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0
O WAT000352 WM MARKHAM/SHEPPARD TO BAYVIEW/FINCH 9/14/2003 9/14/2003 316 0 0 0 316 0 0 0 0 316 0	0 0
0 7 JOS WM MARKHAM/SHEPPARD TO BAYVIEW/FINCH 9/14/2003 9/14/2003 316 0 0 0 0 316 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0
0 18 JOS MARKHAM/SHEPPARD BAYVIEW/FINCH HYDRO -2011/1/2012 12/31/2021 84 0 0 0 0 84 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0
VMAT000363 ENGINEERING STUDIES 5/1/2007 12/31/2014 20 0 0 0 400 0	0 0
Q WAT000363 ENGINEERING STUDIES 5/1/2007 12/31/2014 20 0 0 0 20 0<	0 0
0 2 IMPROVED TREATMENT STUDIES 5/1/2007 12/31/2014 20 0 0 0 0 20 0 0 0 0 0 0 0 0 0 0 0 0	
0 18 Controlled Substances ID and Abatement 8/4/2006 12/31/2015 200 0 0 0 0 200 0 0 0 0 0 0 0 0 0 0 0	
0 31 ENERGY EFFICIENCY IMPLEMENTATION - 2014 SC 1/8/2008 12/31/2013 50 0 0 0 0 50 0 0 0 0 0 0 0 0 0 0 0 0	0 (
0 38 CORROSION CONTROL 0 1/1/2011 12/31/2014 7,360 0 0 0 7,360 0 0 0 0 55 CORROSION CONTROL -2014 SC 1/1/2014 12/31/2023 -1,272 0 0 0 370 0 -1,642 0 0 0 0 56 IMPROVED TREATMENT STUDIES -2014 SC 1/1/2014 12/31/2023 620 0 0 0 0 620 0 0 0 Project Sub-total: 6,978 0 0 370 0 6,608 0 0 0 0 WAT906334 BUSINESS SYSTEM INFRASTRUCTURE - PW 0 7 NETWORK EQUIPMENT REPLACEMENT 1/1/2008 12/31/2021 205 0 0 0 0 0 205 0 0 0 0 8 NETWORK CABLE LIFECYCLE REPLACEMENT 1/1/2008 12/31/2014 4,490 0 0 0 0 4,490 0 0 0	
0 55 CORROSION CONTROL -2014 SC 1/1/2014 12/31/2023 -1,272 0 0 370 0 -1,642 0 0 0 0 56 IMPROVED TREATMENT STUDIES -2014 SC 1/1/2014 12/31/2023 620 0 0 0 0 620 0 0 0 0 0 0 0 0 0 0 0 0	0 0
0 56 IMPROVED TREATMENT STUDIES -2014 SC 1/1/2014 12/31/2023 620 0 0 0 0 620 0 0 0 0 0 0 0 0 0 0 0 0	0 0
Project Sub-total: 6,978 0 0 370 0 6,608 0 0 0 WAT906334 BUSINESS SYSTEM INFRASTRUCTURE - PW 0 7 NETWORK EQUIPMENT REPLACEMENT 1/1/2008 12/31/2021 205 0 0 0 0 205 0 0 0 8 NETWORK CABLE LIFECYCLE REPLACEMENT 1/1/2008 12/31/2014 4,490 0 0 0 0 4,490 0 0 0	0 0
0 WAT906334 BUSINESS SYSTEM INFRASTRUCTURE - PW 0 7 NETWORK EQUIPMENT REPLACEMENT 1/1/2008 12/31/2021 205 0 0 0 0 205 0	0 0
0 7 NETWORK EQUIPMENT REPLACEMENT 1/1/2008 12/31/2021 205 0 0 0 0 205 0 0 0 0 0 0 0 0 0 0 0 0	0 0
0 8 NETWORK CABLE LIFECYCLE REPLACEMENT 1/1/2008 12/31/2014 4,490 0 0 0 4,490 0 0	
	0 0
0 23 RELIABILITY IMPROVEMENT PROGRAM 1/1/2013 12/31/2022 475 0 0 0 0 475 0 0 0	0 0
	0 0
0 39 PCS LEGACY ALARM IMPROVEMENT 1/1/2012 12/31/2021 750 0 0 0 750 0 0 0	0 0
0 41 BUSINESS & TECH IMPROVEMENT - PHASE 2 1/1/2012 12/31/2014 1,524 0 0 0 0 1,524 0 0 0	0 0
0 42 WTP WS PLC PLATFORM UPGRADE AND PCS IMPROVEN1/1/2012 12/31/2013 1,610 0 0 0 1,610 0 0	0 0
0 54 NETWORK EQUIPMENT REPLACEMENT -2014 SC 1/1/2014 12/31/2023 360 0 0 0 360 0 0	0 0
0 55 NETWORK CABLE LIFECYCLE REPLACEMENT -2014 SC 1/1/2014 12/31/2023 -2,530 0 0 0 -2,530 0 0	0 0
0 56 RELIABILITY IMPROVEMENT PROGRAM - 2014 SC 1/1/2014 12/31/2023 -275 0 0 0 0 -275 0 0	0 0
0 57 BUSINESS & TECH IMPROVEMENT - PHASE 2 -2014 SC 1/1/2014 12/31/2023 1,172 0 0 0 0 1,172 0 0 0	0 0
0 58 WTP WS PLC PLATFORM UPGRADE & PCS IMPROV -20141/1/2014 12/31/2023 1,049 0 0 0 0 1,049 0 0	0 0
Project Sub-total: 8,830 0 0 0 0 8,830 0 0	0 0
0 WAT906340 METERING & METER READING SYS	
0 2 AUTOMATED METER READING SYSTEM 10/15/2007 12/31/2016 49,957 0 0 0 49,957 0 0 0	0 0
0 13 AUTOMATED METER READING SYSTEM - 2014 SC 6/27/2013 6/27/2013 -2,507 0 0 0 -2,507 0 0	0 0
Project Sub-total: 47,450 0 0 0 47,450 0 0	0 0
0 WAT906467 AVENUE ROAD TRUNKMAIN REPLACEMENT	
0 1 AVENUE RD WM ENGINEERING - HI LEVEL TO LAWRENC 4/1/2008 12/31/2014 112 0 0 0 0 93 0 0 19	0 0

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



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/Finan	ncina			2014	1				Financ	ing				
Priority Proje	•	Start Da	te 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 WAT906	6467 AVENUE ROAD TRUNKMAIN REPLACEMENT													
0	2 AVENUE RD WM CONSTRUCTION - HI LEVELTO LAWR	EN7/1/2009	6/30/2014	1,500	0	0	19	0	1,201	0	0	280		0 0
0 2	23 AVENUE RD WM ENG - HI LEVEL TO LAWRENCE -2014	SC1/1/2014	12/31/2023	23	0	0	68	0	-51	0	0	6		0 0
0 2	24 AVENUE RD WM CONS - HI LEVELTO LAWRENCE -2014	S1/1/2014	12/31/2023	-1,300	0	0	82	0	-1,139	0	0	-243		0 0
		Project Su	b-total:	335	0	0	169	0	104	0	0	62		0 0
0 WAT906	6468 HORGAN TRUNK MAIN EXPANSION													
0	1 JOS - HORGAN TO ELLESMERE WM - ENGINEERING	1/1/2003	12/31/2018	200	0	0	38	0	97	0	0	65		0 0
0 3	39 JOS - HORGAN TO ELLESMERE WM - ENG -2014 SC	1/1/2014	12/31/2023	-98	0	0	1	0	-67	0	0	-32		0 0
		Project Su	b-total:	102	0	0	39	0	30	0	0	33		0 0
0 WAT906	6470 ISLAND W.T.P. R&R	-												
0	8 CHEMICAL & RESIDUALS MNGT - ENG	1/1/2012	12/31/2021	1,150	0	0	58	0	1,092	0	0	0		0 0
_	26 CHEMICAL & RESIDUALS MNGT - ENG -2014 SC	1/1/2014	12/31/2023	-1,000	0	0	-58	0	-942	0	0	0		0 0
		Project Su		150	0	0	0	0	150	0	0	0		0 0
n WATON	6481 DISTRICT WATERMAINS - NEW	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												<u> </u>
0 WAT906	1 DIST W/MAINS NEW	1/1/2004	12/31/2013	500	0	0	296	0	204	0	0	0		0 0
_	12 DIST W/MAINS NEW -2014 SC	1/1/2004	12/31/2013	-306		0	-296	0	-10	0	0	0		0 0
U	12 DIST W/MAINS NEW -2014 SO	Project Su		194		0	-290	0	194	0	0	0		0 0
	A 400 PW ENGINEEPING	Project Su	b-totai.	194]				134					
	6483 PW ENGINEERING						_			_	_	_		
0	2 CAPITAL PRGMG & FACILITY ASSET PLANNING	1/1/2004	6/30/2014	1,110		0	0	0	1,110	0	0	0		0 0
0	5 WATERMAIN ASSET PLANNING	1/1/2007	12/31/2015		0	0	0	0	561	0	0	0		0 0
0	7 EASEMENT ACQUISITION	1/3/2007	12/31/2015	472		0	0	0	472	0	0	0		0 0
-	22 WATER LOSS REDUCTION STRATEGY	1/1/2012	12/31/2013	364	0	0	0	0	364	0	0	0		0 0
•	44 WATERMAIN ASSET PLANNING -2014 SC 45 JOS UPDATE - 2014 SC	1/1/2014 1/1/2014	12/31/2023 12/31/2023	429 10		0	248 10	0	181 0	0	0	0		0 0 0 0
·	46 EASEMENT ACQUISITION - 2014 SC	1/1/2014	12/31/2023	-172		0	0	0	-172	0	0	0		0 0
•	47 WATER LOSS REDUCTION STRATEGY - 2014 SC	1/1/2014	12/31/2023	-172	0	0	0	0	-172	0	0	0		0 0
•	48 CAPITAL PRGMG & FACILITY ASSET PLANNING - 2014		12/31/2023	-692		0	0	0	-692	0	0	0		0 0
· ·	TO SAN TIME THAINS AT A SECTION AND A SECTIO	Project Su		2,068	0	0	258	0	1.810	0	0	0		0 0
0 WAT906	6749 DOWNTOWN W/M ENHANCEMENT	,			<u> </u>				-,,,,,					
0 WAT906	1 JOS - GERRARD ST WM - ENGINEERING	3/1/2005	12/31/2017	731	0	0	73	0	99	0	0	559		0 0
0	4 JOS - GERRARD ST WM - CONSTRUCTION	1/1/2009	12/31/2017		0	0	2,436	0	3,342	0	0	18,776		0 0
•	35 JOS - GERRARD ST WM - CONSTRUCTION 35 JOS - GERRARD ST WM - ENGINEERING -2014 SC	1/1/2009	12/31/2013	100	-	0	92	0	-68	0	0	76		0 0
•	36 JOS BATHURST-DUPONT W/M - ENG -2014 SC	1/1/2014	12/31/2023	-33	_	0	-6	0	-27	0	0	0		0 0
•	37 JOS - GERRARD ST WM - CONSTRUCTION -2014 SC	1/1/2014	12/31/2023		_	0	1,258	0	-2,670	0	0	-4,588		0 0
0	0, 000 GENERALD OF WINE CONTINUOUS TON 2014 00	1,1,2014	. 2, 0 1, 2020	1 5,500	ı	O	1,200	Ü	2,0.0	U	Ū	1,000		, 0



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/Fina	ancing			2014	1				Financ	ing				
Priority Pro	ject Project Name	Start Dat	e 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 WAT90	06749 DOWNTOWN W/M ENHANCEMENT											·		
1	3 JOS BATHURST-DUPONT W/M - ENG	1/1/2005	12/31/2011	33	0	0	6	0	27	0	0	0		0 0
		Project Su	b-total:	19,385	0	0	3,859	0	703	0	0	14,823		0 0
0 WAT90	06752 TRANSMISSION R&R													
0	49 TRUNK WATERMAIN REHAB	1/1/2013	12/31/2015	250	0	0	0	0	250	0	0	0		0 0
0	51 CAST IRON TRUNK REPLC - PHASE 2	10/9/2012	10/9/2012	1,000		0	0	0	1,000	0	0	0		0 0
0	52 CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	10/9/2012	10/9/2012	300		0	0	0	300	0	0	0		0 0
0	59 CAST IRON TRUNK REPLC - PHASE 2 - 2014 SC	9/18/2013	9/18/2013	-1	0	0	0	0	-1	0	0	0		0 0
1	2 TRANSF & SW'GEAR REPLACMENT DESIGN	1/1/2005	12/31/2013	50	0	0	0	0	50	0	0	0		0 0
		Project Sul	b-total:	1,599	0	0	0	0	1,599	0	0	0		0 0
0 WAT90	06900 TRANSMISSION R&R				İ									
0	1 TRANS FACILITIES REHAB	1/1/2006	12/31/2013	548	0	0	0	0	548	0	0	0		0 0
0	26 SCARBOROUGH PS - PUMP REPLC	1/1/2013	12/31/2015	884	. 0	0	0	0	884	0	0	0		0 0
0	27 EGLINTON PS -PUMP REPLC	1/1/2013	12/31/2015	2,982	0	0	0	0	2,982	0	0	0		0 0
0	33 SCARBOROUGH PS - PUMP REPLC -2014 SC	1/1/2014	12/31/2023	-284	. 0	0	0	0	-284	0	0	0		0 0
0	34 EGLINTON PS -PUMP REPLC -2014 SC	1/1/2014	12/31/2023	-1,182	0	0	0	0	-1,182	0	0	0		0 0
0	35 TRANS FACILITIES REHAB - 2014 SC	7/26/2013	7/26/2013	17	0	0	0	0	17	0	0	0		0 0
0	36 RESERVOIR REHAB/WATER QUALITY PROTECTION	9/13/2013	9/23/2013	300	0	0	0	0	300	0	0	0		0 0
		Project Sul	b-total:	3,265	0	0	0	0	3,265	0	0	0		0 0
0 WAT90	06902 HARRIS W.T.P. R&R				İ									
0	2 BUILDING ENVELOPE REHAB	1/1/2006	12/31/2014	20	0	0	0	0	20	0	0	0		0 0
0	6 LIQUID CHEMICAL SYSTEM RELOCATION	8/8/2006	12/31/2013	16	0	0	0	0	16	0	0	0		0 0
0	13 FILTER MEDIA REPLACEMENT PH2	1/1/2009	12/31/2016	350	0	0	0	0	350	0	0	0		0 0
0	21 HVAC REHAB - CONSTRUCTION	1/1/2012	12/31/2016	1,059	0	0	0	0	1,059	0	0	0		0 0
0	22 TRAVELLING SCREEN REPLACEMENT	1/1/2009	12/31/2014	780	0	0	0	0	780	0	0	0		0 0
0	56 REHAB OF SETTLING BASIN ROOF & SLUICE GATES	1/1/2013	12/31/2016	2,396	0	0	0	0	2,396	0	0	0		0 0
0	65 FILTER MEDIA REPLACEMENT PH2 -2014 SC	1/1/2014	12/31/2023	-150	0	0	0	0	-150	0	0	0		0 0
0	66 FACILITY & PROCESS UPGRADES -2014 SC	1/1/2014	12/31/2023	500	0	0	0	0	500	0	0	0		0 0
0	67 TRAVELLING SCREEN REPLACEMENT -2014 SC	1/1/2014	12/31/2023	320	0	0	0	0	320	0	0	0		0 0
0	68 HVAC REHAB - CONSTRUCTION -2014 SC	1/1/2014	12/31/2023	-264	. 0	0	0	0	-264	0	0	0		0 0
0	69 REHAB OF SETTLING BASIN ROOF&SLUICE GATES -20)141/1/2014	12/31/2023	1,024	0	0	0	0	1,024	0	0	0		0 0
0	72 BUILDING ENVELOPE REHAB - 2014 SC	1/1/2014	12/31/2023	-10	0	0	0	0	-10	0	0	0		0 0
0	73 LIQUID CHEMICAL SYSTEM RELOCATION - 2014 SC	1/1/2014	12/31/2023	-8	0	0	0	0	-8	0	0	0		0 0
		Project Su	b-total:	6,033	0	0	0	0	6,033	0	0	0		0 0



(Phase 2) 10-Water Program

CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/Fi	inancing			2014					Financ	ing				
Priority P	•	Start Dat	e 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 WAT	906903 FJ HORGAN W.T.P. R&R													
0	5 FACILITY & PROCESS UPGRADES	1/1/2006	12/31/2014	614	0	0	0	0	614	0	0	0		0 0
0	8 RAW WATER PUMP UPGRADES	1/1/2013	12/31/2015	512	0	0	0	0	512	0	0	0		0 0
0	15 REPLACEMENT OF MCCS	1/1/2012	12/31/2016	1,450	0	0	0	0	1,450	0	0	0		0 0
0	16 ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT	1/1/2013	12/31/2016	534	0	0	0	0	534	0	0	0		0 0
0	26 FACILITY & PROCESS UPGRADES -2014 SC	1/1/2014	12/31/2023	244	0	0	0	0	244	0	0	0		0 0
0	27 REPLACEMENT OF MCCS -2014 SC	1/1/2014	12/31/2023	-1,150	0	0	0	0	-1,150	0	0	0		0 0
0	29 RAW WATER PUMP UPGRADES - 2014 SC	1/1/2014	12/31/2023	188	0	0	0	0	188	0	0	0		0 0
0	30 ZEBRA MUSSEL CONTROL SYSTEM REPLACEMENT - 20	11/1/2014	12/31/2023	-484	0	0	0	0	-484	0	0	0		0 0
	F	Project Su	b-total:	1,908	0	0	0	0	1,908	0	0	0		0 0
0 WAT	906906 TRUNK WATERMAIN EXPANSION		·											
0	2 JOS - D4 W/M ENGINEERING	1/1/2010	12/31/2011	10	0	0	0	0	10	0	0	0		0 0
0	13 CAST IRON T-M REPLACEMENT - PH1	1/1/2006	12/31/2014	40	0	0	0	0	40	0	0	0		0 0
0	25 JOS WM SCAR PS TO ST CLAIR AND MIDLAND - ENG	1/1/2012	12/31/2016	702	0	0	167	0	375	0	0	160		0 0
0	63 JOS WM SCAR PS TO ST CLAIR&MIDLAND -ENG -2014 S	C1/1/2014	12/31/2023	-102	0	0	120	0	-198	0	0	-24		0 0
0	64 CAST IRON T-M REPLACEMENT - PH1 - 2014 SC	1/1/2014	12/31/2023	-40	0	0	0	0	-40	0	0	0		0 0
	F	Project Su	b-total:	610	0	0	287	0	187	0	0	136		0 0
0 WAT	906914 SWITCH GEAR TRANSFORMER		:											
0	3 ARC FLASH ANALYSIS	1/1/2010	12/31/2014	288	0	0	0	0	288	0	0	0		0 0
0	13 INDOOR/OUTDOOR SWITCHGEAR (5 Stations Phase 3)	1/1/2012	12/31/2015	5,140	0	0	0	0	5,140	0	0	0		0 0
0	25 ARC FLASH ANALYSIS -2014 SC	1/1/2014	12/31/2023	62	0	0	0	0	62	0	0	0		0 0
0	26 INDOOR/OUTDOOR SWITCHGEAR(5 Stations Ph3) -2014	Si1/1/2014	12/31/2023	-4,465	0	0	0	0	-4,465	0	0	0		0 0
		Project Su	b-total:	1,025	0	0	0	0	1,025	0	0	0		0 0
0 WAT	906917 TRANSMISSION OPERATIONS OPTIMIZER	•												
0	8 TRANSMISSION OPERATIONS OPTIMIZER	1/1/2013	12/31/2022	448	0	0	0	0	448	0	0	0		0 0
0	9 TRANSMISSION OPERATIONS OPTIMIZER - 2014 SC	1/1/2014	12/31/2023	112	0	0	0	0	112	0	0	0		0 0
Ü		Project Su		560	0	0	0	0	560	0	0			0 0
0 WAT		rojeot ou	o totai.	000										
	906918 WATER SUSTAINABILITY PROGRAM	1/1/0010	10/01/0010	4.000	0			•	4.000	•				
0	1 WATER SUSTAINABILITY PROGRAM	1/1/2012	12/31/2013	4,200	0	0	0	0	4,200	0	0	0		0 0
0	8 WATER SUSTAINABILITY PROGRAM -2014 SC	1/1/2014	12/31/2023	-4,000		0	12	0	-4,012	0	0	0		0 0
	•	Project Su	b-total:	200	0	0	12	0	188	0	0	0		0 0
<u>0</u> WAT	906919 RL CLARK W.T.P. R&R													
0	1 FACILITY & PROCESS UPGRADES	1/1/2006	12/31/2013	603	0	0	0	0	603	0	0	0		0 0
0	8 PROCESS EQUIPMENT UPGRADE ENGINEERING	8/8/2006	12/31/2017	1,535	0	0	0	0	1,535	0	0	0		0 0



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details **Water Program**

Sub-Project Summary

Project/Fin	ancing			2014					Financ	ina				
Priority Pro	_	Start Date	e Completion Date		Provincial Grants	Federal	Developmt	Reserves	Reserve	Capital From	Other 1	Other 2	Debt	Debt - Recoverable
	<u> </u>		Date		Subsidies	Subsidy	Charges		runas	Current				necoverable
<u>0</u> WAT9	06919 RL CLARK W.T.P. R&R													
0	15 PROCESS EQUIPMENT UPGRADE CONSTRUCTION	1/1/2010	12/31/2021	8,790	0	0	0	0	8,790	0	0	0		0 0
0	44 EVALUATION & COMMUNICATION SYSTEMS	1/1/2013	12/31/2015	1,140	0	0	0	0	1,140	0	0	0		0 0
0	49 PROCESS EQUIPMENT UPGRADE ENGINEERING -2014 S	1/1/2014	12/31/2023	-280	0	0	76	0	-356	0	0	0		0 0
0	50 PROCESS EQUIPMENT UPGRADE CONSTRUCTION -2014	1/1/2014	12/31/2023	-674	0	0	493	0	-1,167	0	0	0		0 0
0	51 EVALUATION & COMMUNICATION SYSTEMS -2014 SC	1/1/2014	12/31/2023	-391	0	0	0	0	-391	0	0	0		0 0
0	52 FACILITY & PROCESS UPGRADES - 2014 SC	1/1/2014	12/31/2023	-303	0	0	0	0	-303	0	0	0		0 0
	Pr	oject Sub	o-total:	10,420	0	0	569	0	9,851	0	0	0		0 0
0 WAT9	06930 DIST W/M REPLACEMENT													
0	15 W/M REPLACEMENT - STAND ALONE	1/1/2013	12/31/2014	14,924	0	0	0	0	14,924	0	0	0		0 0
0	29 DIST W/M REPLACEMENT - 2012	5/27/2011	12/1/2013	4,732	0	0	0	0	4,732	0	0	0		0 0
0	39 DIST W/M REPLACEMENT 2013	1/1/2013	12/31/2014	11,083	0	0	0	0	11,083	0	0	0		0 0
0	41 WATERMAIN UPGRADES	10/9/2012	10/9/2012	1,035	0	0	613	0	422	0	0	0		0 0
0	50 DIST W/M REPLACEMENT 2013 - 2014 SC	1/1/2013	12/31/2014	-6,150	0	0	0	0	-6,150	0	0	0		0 0
0	51 DIST WM REPLACMENT - 2014	6/7/2013	6/7/2013	19,719	0	0	0	0	19,719	0	0	0		0 0
0	52 WATERMAIN UPGRADES - 2014	6/7/2013	6/7/2013	5,407	0	0	0	0	5,407	0	0	0		0 0
0	53 W/M REPLACEMENT - STAND ALONE -2014 SC	1/1/2014	12/31/2023	-6,045	0	0	0	0	-6,045	0	0	0		0 0
0	54 WATERMAIN UPGRADES -2014 SC	1/1/2014	12/31/2023	3,121	0	0	-613	0	3,734	0	0	0		0 0
0	55 WATERMAIN REPLACEMENT - METROLINX	1/1/2014	12/31/2023	25	0	0	0	0	25	0	0	0		0 0
0	56 DIST W/M REPLACEMENT - 2012 - 2014 SC	1/1/2014	12/31/2023	-2,888	0	0	0	0	-2,888	0	0	0		0 0
	Pr	oject Sub	o-total:	44,963	0	0	0	0	44,963	0	0	0		0 0
0 WAT9	06932 DIST W/M REHABILITATION													
0	1 WATERMAIN CLEANING &LINING	1/1/2013	12/31/2014	200	0	0	0	0	200	0	0	0		0 0
0	4 Hydrant & Valve Repair	1/1/2007	12/31/2013	645	0	0	0	0	645	0	0	0		0 0
0	5 CUT REPAIRS - 2014 SC	1/1/2013	12/31/2013	1,994	0	0	0	0	1,994	0	0	0		0 0
0	6 WATERMAIN STRUCTURAL LINING	8/3/2006	12/31/2013	17,559	0	0	0	0	17,559	0	0	0		0 0
0	7 CATHODIC PROTECTION	1/1/2012	12/31/2013	5,244	0	0	0	0	5,244	0	0	0		0 0
0	30 CUT REPAIRS	1/1/2010	12/31/2010	2,250	0	0	0	0	2,250	0	0	0		0 0
0	38 Hydrant & Valve Repair -2014 SC	1/1/2014	12/31/2023	355	0	0	0	0	355	0	0	0		0 0
0	39 WATERMAIN STRUCTURAL LINING -2014 SC	1/1/2014	12/31/2023	13,697	0	0	0	0	13,697	0	0	0		0 0
0	40 CATHODIC PROTECTION -2014 SC	1/1/2014	12/31/2023	-1,209	0	0	0	0	-1,209	0	0	0		0 0
0	41 WATERMAIN CLEANING &LINING - 2014 SC	1/1/2014	12/31/2023	-56	0	0	0	0	-56	0	0	0		0 0
	Pr	oject Sub	o-total:	40,679	0	0	0	0	40,679	0	0	0		0 0



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/Financin	g			2014					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 WAT906934	DIST WATER SERVICE REPAIR													
0 12 <i>A</i>	LL DISTRICT WSR - LEAD REPLACEMENT	1/1/2008	12/31/2013	10,000	0	0	0	0	10,000	0	0	0		0 0
0 20 V	VATER SERVICE REPAIR - STAND ALONE	10/10/2010	12/31/2013	514	0	0	0	0	514	0	0	0		0 0
0 32 V	VSR CUT REPAIRS	1/1/2013	12/31/2013	2,170	0	0	0	0	2,170	0	0	0		0 0
0 412	013 WATER SERVICE REPLACMENT -SOGR	1/1/2013	12/31/2014	1,834	0	0	0	0	1,834	0	0	0		0 0
0 522	014 WATER SERVICE REPLACEMENT - SOGR	6/7/2013	6/7/2013	3,000	0	0	0	0	3,000	0	0	0		0 0
0 53 A	LL DISTRICT WSR - LEAD REPLACEMENT -2014 SC	1/1/2014	12/31/2023	-116	0	0	0	0	-116	0	0	0		0 0
0 54 V	VATER SERVICE REPAIR - STAND ALONE -2014 SC	1/1/2014	12/31/2023	918	0	0	0	0	918	0	0	0		0 0
0 55 V	VSR CUT REPAIRS - 2014 SC	1/1/2014	12/31/2023	-48	0	0	0	0	-48	0	0	0		0 0
0 562	012 WATER SERVICE REPLACEMENT - 2014 SC	1/1/2014	12/31/2023	84	0	0	0	0	84	0	0	0		0 0
0 572	013 WATER SERVICE REPLACMENT -SOGR - 2014 SC	1/1/2014	12/31/2023	-207	0	0	0	0	-207	0	0	0		0 0
	F	roject Sul	o-total:	18,149	0	0	0	0	18,149	0	0	0		0 0
0 WAT906935	NEW SERVICE CONNECTIONS													
0 21	IEW SERVICE CONNECTIONS - CUT REPAIRS	1/1/2009	12/31/2013	3,500	0	0	0	0	3,500	0	0	0		0 0
	IEW SERVICE CONNECTIONS - SITE SERVICING	1/1/2010	12/31/2013	14,000	0	0	0	0	14,000	0	0	0		0 0
	F	roject Sul	o-total:	17,500	0	0	0	0	17,500	0	0	0		0 0
<u>0</u> WAT906951	ENGINEERING	•												
0 1 F	ROAD RESTORATION - 2014 SC	1/1/2013	12/31/2013	5,198	0	0	0	0	5,198	0	0	0		0 0
0 20	ONSULTING FEES	1/1/2006	12/31/2015	5,834	0	0	0	0	5,834	0	0	0		0 0
0 378	ALARIES: LEGAL SALARIES - 2014 SC	1/1/2013	12/31/2013	188	0	0	0	0	188	0	0	0		0 0
0 45 E	CS SALARIES	1/1/2014	12/31/2022	12,033	0	0	0	0	12,033	0	0	0		0 0
0 46.5	ALARIES: DISTRICT OPERATIONS - 2014 SC	1/1/2013	12/31/2013	623	0	0	0	0	623	0	0	0		0 0
0 500	CONSULTING FEES -2014 SC	1/1/2014	12/31/2023	-2,618	0	0	0	0	-2,618	0	0	0		0 0
	F	roject Sul	o-total:	21,258	0	0	0	0	21,258	0	0	0		0 0
<u>0</u> <u>WAT906977</u>	ISLAND W.T.P. R&R													
0 1 F	ACILITY & PROCESS UPGRADES	1/1/2006	12/31/2016	491	0	0	0	0	491	0	0	0		0 0
0 7 F	ILTER MEDIA REPLC	1/1/2012	12/31/2021	75	0	0	0	0	75	0	0	0		0 0
0 12 F	ACILITY UPGRADE	1/1/2014	12/31/2015	300	0	0	0	0	300	0	0	0		0 0
0 18 V	ALVE CHAMBER UPGRADES	1/1/2008	12/31/2013	100	0	0	0	0	100	0	0	0		0 0
0 20 1	SLAND SBS CONVERSION	1/1/2010	12/31/2011	44	0	0	0	0	44	0	0	0		0 0
0 25 1	SLAND FILTER AIR SCOUR SYSTEM	1/1/2009	12/31/2012	850	0	0	0	0	850	0	0	0		0 0
0 33 1	SLAND SEAWALL REHABILITATION	1/1/2012	11/30/2014	1,336	0	0	0	0	1,336	0	0	0		0 0
0 44 1	SLAND ENWAVE/RETROFIT PROJECT	1/1/2013	12/31/2014	1,100	0	0	0	0	1,100	0	0	0		0 0
0 50 A	MMONIA AND FLOURIDE SYSTEM UPGRADES	1/1/2014	12/31/2023	75	0	0	0	0	75	0	0	0		0 0

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



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Water Program Sub-Project Summary

Project/Fi	nancing			2014					Financ	ing				
Priority P	roject Project Name	Start Dat	e 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 WAT	906977 ISLAND W.T.P. R&R													
0	51 CHEMICAL SYSTEMS ELEC FEED DISTRIBUTION	1/1/2014	12/31/2023	55	0	0	0	0	55	0	0	0		0 0
0	52 CONDITION ASSESSMENT & REHAB OF RAW WATER W	E9/18/2013	9/18/2013	100	0	0	0	0	100	0	0	0		0 0
0	56 VALVE CHAMBER UPGRADES - 2014 SC	1/1/2014	12/31/2023	-100	0	0	0	0	-100	0	0	0		0 0
0	57 ISLAND SBS CONVERSION - 2014 SC	1/1/2014	12/31/2023	6	0	0	0	0	6	0	0	0		0 0
0	58 FACILITY & PROCESS UPGRADES - 2014 SC	1/1/2014	12/31/2023	507	0	0	0	0	507	0	0	0		0 0
0	59 ISLAND SEAWALL REHABILITATION - 2014 SC	1/1/2014	12/31/2023	-616	0	0	0	0	-616	0	0	0		0 0
0	60 ISLAND FILTER AIR SCOUR SYSTEM - 2014 SC	1/1/2014	12/31/2023	0	0	0	52	0	-52	0	0	0		0 0
0	61 ISLAND ENWAVE/RETROFIT PROJECT - 2014 SC	1/1/2014	12/31/2023	-926	0	0	0	0	-926	0	0	0		0 0
	1	Project Su	b-total:	3,397	0	0	52	0	3,345	0	0	0		0 0
0 WAT	906979 D2/D4 TRUNK WATERMAIN UPGRADES													
0	4 JOS - NEILSON (ELLESMERE-SHEPPARD) WM CONSTRI	U(1/1/2009	12/31/2014	1,170	0	0	157	0	583	0	0	430		0 0
0	29 JOS -NEILSON(ELLESMERE-SHEPPARD)WM CONS -201-	4 1/1/2014	12/31/2023	130	0	0	191	0	-110	0	0	49		0 0
	ı	Project Su	b-total:	1,300	0	0	348	0	473	0	0	479		0 0
<u>0</u> WAT	907946 BUSINESS IT PROJECTS													
0	1 BUSINESS INTELLIGENCE INITIATIVES	1/1/2012	12/31/2016	425	0	0	0	0	425	0	0	0		0 0
0	2 BACKFLOW INSPECTION PORTAL	5/27/2013	5/27/2013	250	0	0	0	0	250	0	0	0		0 0
0	3 DISASTER RECOVERY - DRP - 2014 SC	5/27/2013	5/27/2013	121	0	0	0	0	121	0	0	0		0 0
0	4 EDOCS	5/27/2013	5/27/2013	50	0	0	0	0	50	0	0	0		0 0
0	5 BACKFLOW INSPECTION PORTAL -2014 SC	1/1/2014	12/31/2023	-250	0	0	0	0	-250	0	0	0		0 0
0	6 EDOCS -2014 SC	1/1/2014	12/31/2023	100	0	0	0	0	100	0	0	0		0 0
0	7 ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT	1/1/2014	12/31/2023	875	0	0	0	0	875	0	0	0		0 0
0	8 BUSINESS INTELLIGENCE INITIATIVES - 2014 SC	9/18/2013	9/18/2013	-150	0	0	0	0	-150	0	0	0		0 0
0	9 DISASTER RECOVERY	9/20/2013	9/20/2013	84	0	0	0	0	84	0	0	0		0 0
	ı	Project Su	b-total:	1,505	0	0	0	0	1,505	0	0	0		0 0
Program	Total:			264,998	0	0	7,715	0	241,320	0	0	15,963		0 0

Status Code Description

S2 Prior Year (With 2014 and\or Future Year Cashflow)

S3 Prior Year - Change of Scope 2014 and\or Future Year Cost\Cashflow)

S3 S4 S4 New - Stand-Alone Project (Current Year Only) S5

S5 New (On-going or Phased Projects)

Category Code Description

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

04 Service Improvement and Enhancement C04

Growth Related C05

Category Code Description

06 Reserved Category 1 C06 Reserved Category 2 C07

07

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



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details **Wastewater Program**

Sub-Project Summary

Project/Financing			2014		Tr.		1	Financ			1		
Priority Project Name	Start Da	te 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 WAS000007 ASHBRIDGES BAY WWTP REHAB													
0 17 STANDBY POWER GENERATION	1/1/2010	12/31/2015	2,109	0	0	63	0	2,046	0	0	0		0 0
0 19 FERROUS UPGRADES	1/1/2012	12/31/2017	600	0	0	18	0	582	0	0	0		0 0
0 30 ELECTRICAL REHAB	1/1/2010	12/31/2015	780	0	0	0	0	780	0	0	0		0 0
0 41 POLYMER UPGRADE	1/1/2012	12/31/2016	560	0	0	0	0	560	0	0	0		0 0
0 46 Rehab of Grounds and Buildings	1/1/2010	12/31/2015	203	0	0	0	0	203	0	0	0		0 0
0 47 PT ENGINEERING DESIGN & CONTRACT ADMIN	1/1/2010	12/31/2019	220	0	0	6	0	214	0	0	0		0 0
0 49 PROCESS UPGRADES AND ODOUR CONTROL ENGIN	NEEF1/1/2010	12/31/2016	624	0	0	19	0	605	0	0	0		0 0
0 189 PROCESS AND EQUIPMENT	1/1/2013	12/31/2016	2,100	0	0	0	0	2,100	0	0	0		0 0
0 190 FACILITY AND GROUNDS	1/1/2013	12/31/2018	436	0	0	0	0	436	0	0	0		0 (
	Project Su	b-total:	7,632	0	0	106	0	7,526	0	0	0		0 0
0 WAS000259 TRUNK SEWER SYSTEM													
0 15 TRUNK SEVWER REHAB-2012	1/1/2012	12/31/2015	1,414	0	0	0	0	1,414	0	0	0		0 (
0 23 TRUNK SEWER REHABILITATION	1/1/2010	12/31/2015	170	0	0	0	0	170	0	0	0		0 0
	Project Su	b-total:	1,584	0	0	0	0	1,584	0	0	0		0 0
0 WAS000442 BASEMENT FLOODING RELIEF													
0 8 BASEMENT FLOODING STUDIES & EAS	1/1/2006	12/31/2014	1,247	0	0	0	0	1,247	0	0	0		0 0
0 9 BASEMENT FLOODING RELIEF - TUNNEL PROJECT	1/1/2014	12/31/2022	510	0	0	0	0	510	0	0	0		0 0
0 12 ROAD RESTORATION FOR BSMT FLDG	1/1/2013	12/31/2013	2,013	0	0	0	0	2,013	0	0	0		0 0
0 14 BASEMENT FLOODING DESIGN - GROUP 1	1/1/2008	12/31/2013	1,288	0	0	0	0	1,288	0	0	0		0 0
0 29 BASEMENT FLOODING RELIEF - GROUP 1	9/25/2009	6/30/2014	16,500	0	0	0	0	16,500	0	0	0		0 0
	Project Su	b-total:	21,558	0	0	0	0	21,558	0	0	0		0 0
0 WAS906322 W&WW LABORATORIES	-												
0 9 LAB EQUIPMENT	1/1/2010	12/31/2015	12	0	0	0	0	12	0	0	0		0 0
0	Project Su		12	0	0	0	0	12	0				0 0
0 WAS906328 SWM END OF PIPE FACILITIES													
0 9 NORTH TORONTO CSO CONSTR	1/1/2012	12/31/2015	500	0	0	50	0	450	0	0	0		0 0
0 9NORTH FORONTO 030 CONSTIT	Project Su		500	0	0	50	0	450	0				0 0
	Project Su	b-totai.	300	0				430					
0 WAS90638C HIGHLAND CREEK WWTP - ODOUR CONTROL				_									_
0 1 ODOUR CONTROL UPGRADES - PHASE 1 ENG	1/1/2010	12/31/2019	226	0	0	5	0	221	0		0		0 0
0 2 ODOUR CONTROL UPGRADES PHASE 1 CONST	1/1/2013	12/31/2017	760	0	0	15	0	745	0		0		0 0
	Project Su	b-total:	986	0	0	20	0	966	0	0	0		0 0
0 WAS906486 ASHBRIDGES BAY T.P III YR2004													



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/Financing			2014					Financ	ing				
Priority Project Name	Start Dat	e 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 WAS906486 ASHBRIDGES BAY T.P III YR2004													
0 3 PCS-PLANT SRVS	1/1/2004	12/31/2016	1,130	0	0	34	0	1,096	0	0	0		0 0
	Project Sul	b-total:	1,130	0	0	34	0	1,096	0	0	0		0 0
0 WAS906487 HIGHLAND CREEK T.P IV YR2004													
0 2 PCS PLANT SERVICES	1/1/2004	6/30/2014	34	0	0	1	0	33	0	0	0		0 0
	Project Sul	b-total:	34	0	0	1	0	33	0	0	0		0 0
0 WAS906488 HUMBER T.P II YR2004			İ	İ									
0 2 PCS PLANT SERVICES	1/1/2004	12/31/2014	33	0	0	1	0	32	0	0	0		0 0
	Project Sul	b-total:	33	0	0	1	0	32	0	0	0		0 0
0 WAS906492 WET WEATHER FLOW MP				İ									
0 1 SWM INA-EA	1/1/2004	12/31/2021	380	0	0	38	0	342	0	0	0		0 0
0 2 WWFMP - PUBLIC EDUCATION	1/1/2004	12/31/2016	360	0	0	18	0	342	0	0	0		0 0
0 14 WWFMP IMPLEMENTATION - DESIGN&CONTRACT AD	OMIN6/30/2009	12/31/2014	507	0	0	50	0	457	0	0	0		0 0
0 44 SWM CONVEYANCE 2013	10/12/2012	2 10/12/2012	1,710	0	0	170	0	1,540	0	0	0		0 0
	Project Sul	b-total:	2,957	0	0	276	0	2,681	0	0	0		0 0
0 WAS906495 SEWER ASSET PLANNING													
0 5 Sewer Asset Planning	1/17/2006	12/31/2016	194	. 0	0	0	0	194	0	0	0		0 0
0 7 Sewer System Inspection	1/1/2010	12/31/2013	1,920	0	0	0	0	1,920	0	0	0		0 0
	Project Sul	b-total:	2,114	0	0	0	0	2,114	0	0	0		0 0
0 WAS906500 NEW SEWER CONSTRUCTION				ĺ									
0 5 NEW SEWERS	1/1/2008	12/31/2013	202	0	0	182	0	20	0	0	0		0 0
	Project Sul	b-total:	202	0	0	182	0	20	0	0	0		0 0
0 WAS906735 DIST SEWER REHAB OPS YR2005				İ									
0 10 GROUP 1 SEWAGE PUMPING STATION UPGRADES	1/1/2012	12/31/2013	300	0	0	23	0	277	0	0	0		0 0
	Project Sul	b-total:	300	0	0	23	0	277	0	0	0		0 0
0 WAS906741 HIGHLAND CREEK TP YR2005				İ									
0 1 WAS THICKENING AND DEWATERING ENG	3/1/2005	12/31/2018	250	0	0	4	0	246	0	0	0		0 0
	Project Sul		250	0	0	4	0	246	0	0			0 0
0 WAS906742 HUMBER TP YR2005	•			İ									
0 8 ODOUR CONTROL ENGINEERING	1/1/2007	12/31/2016	261	0	0	2	0	259	0	0	0		0 0
	Project Sul		261	0	0	2	0	259	0	0			0 0
0 WAS906743 ASHRIDGES BAY TP YR2005	,			<u> </u>									
V MAGGOVIE AGIIIIDGEG DAT IF INZUUS			1										



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/Financi	ng			2014					Financ	ing				
Priority Project	<u> </u>	Start Dat	e 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 WAS90674	ASHRIDGES BAY TP YR2005													
0 1	Process & Equip Upgrades	3/1/2005	12/31/2016	140	0	0	4	0	136	0	0	0		0 0
1 4	M & T IMPROVEMENTS (EQUIPMENT)	1/1/2005	12/31/2014	1,817	0	0	0	0	1,817	0	0	0		0 0
1 7	SERVICE AIR UPGRADES	1/1/2008	12/31/2016	2,400	0	0	0	0	2,400	0	0	0		0 0
		Project Su	b-total:	4,357	0	0	4	0	4,353	0	0	0		0 0
0 WAS90692	OPERATIONAL SUPPORT													
0 1	DIVISIONAL SECURITY	1/1/2006	12/31/2014	164	0	0	0	0	164	0	0	0		0 0
0 7	RENOVATION - MERTON STREET	1/1/2012	12/31/2012	3	0	0	0	0	3	0	0	0		0 0
0 17	Desginated Substance Abatement	8/15/2006	12/31/2014	73	0	0	0	0	73	0	0	0		0 0
		Project Su	b-total:	240	0	0	0	0	240	0	0	0		0 0
0 WAS9069	5E SEWER SYSTEM REHABILITATION													
0 2	Group 2 & 3 Sewage P.S. Upgrades	1/1/2005	12/31/2013	6	0	0	0	0	6	0	0	0		0 0
	CCTV Inspection	1/14/2006	12/31/2013	123	0	0	0	0	123	0	0	0		0 0
0 6	LATERAL REHAB	8/14/2006	12/31/2013	399	0	0	0	0	399	0	0	0		0 0
0 8	SPS SCADA UPGRADES - ENGINEERING	1/1/2008	12/31/2014	402	0	0	0	0	402	0	0	0		0 0
0 9	SEWER REHABILITATION	1/1/2008	12/31/2013	3,873	0	0	0	0	3,873	0	0	0		0 0
0 23	SEWAGE PUMPING STATION STANDBY POWER	1/1/2010	12/31/2014	809	0	0	0	0	809	0	0	0		0 0
0 24	GROUP 5 SEWAGE PUMPING STATION CAPACITY UI	PGR/1/1/2009	12/31/2016	325	0	0	24	0	301	0	0	0		0 0
		Project Su	b-total:	5,937	0	0	24	0	5,913	0	0	0		0 0
0 WAS9069	STREAM RESTORATION & EROSION CONTROL													
0 7	STREAM RESTORATION	1/1/2008	12/31/2016	83	0	0	8	0	75	0	0	0		0 0
		Project Su	b-total:	83	0	0	8	0	75	0	0	0		0 0
0 WAS9069	64 CONVEYANCE CONTROLS - REPLC & REHAB	-												
	2008 STORM SEWER REHABILITATION	1/1/2010	12/31/2010	18	0	0	0	0	18	0	0	0		0 0
0 18	COATSWORTH CUT - PHASE 1 CONSTRUCTION	1/1/2012	12/31/2013	43	0	0	4	0	39	0	0	0		0 0
		Project Su	b-total:	61	0	0	4	0	57	0	0	0		0 0
0 WAS9069	6E ENGINEERING	-												
	CONSULTING FEES	1/1/2006	12/31/2016	928	0	0	0	0	928	0	0	0		0 0
-	ROAD RESTORATION		12/31/2021	118		0	0	0	118	0	0	0		0 0
0		Project Su		1,046		0	0	0	1,046	0	0	0		0 0
U MVEDUED.	SEWER REPLACEMENT PROGRAM	:			<u> </u> 				1,510					
	SEWER REPLACEMENT PROGRAM SEWAGE FORCEMAIN REPLACEMENT	1/1/2010	12/31/2010	743	0	0	0	0	743	0	0	0		0 0
	SEWER REPLACMENT - 2013 PROGRAM	1/1/2010	12/31/2010	_		0	0	0	6,598	0	0	0		0 0
0 35	SEWEN NEFLAUWENT - 2013 PROGRAW	1/1/2013	12/31/2014	0,598	l ⁰	U	U	U	0,598	U	0	U		J 0

MTORONTO

CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/F	Financing			2014	1				Financ	ing				
Priority	Project Project Name	Start Dat	e Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WA	S906973 SEWER REPLACEMENT PROGRAM													
0	44 COXWELL TRUNK EMERGENCY REPAIR	1/1/2013	12/31/2022	747	0	0	0	0	747	0	0	0		0 0
		Project Su	b-total:	8,088	0	0	0	0	8,088	0	0	0		0 0
<u>0</u> WA	S90698(ASHBRIDGES BAY T.P. YR2006													
0	8 MEDIATION AGREEMENT IMPLEMENTATION - PART 2	1/1/2006	12/31/2015	20	0	0	1	0	19	0	0	0		0 0
0	9 DEWATERING EQUIPMENT UPGRADES	1/1/2006	12/31/2016	80	0	0	2	0	78	0	0	0		0 0
		Project Su	b-total:	100	0	0	3	0	97	0	0	0		0 0
<u>0</u> WA	S906981 HIGHLAND CREEK WWTP UPGRADES													
0	1 PROCESS & FACILITY UPGRADE	1/1/2006	12/31/2017	1,245	0	0	0	0	1,245	0	0	0		0 0
0	3 BIOSOLIDS TREATMENT UPGRADES	1/1/2006	12/31/2018	4,522	0	0	90	0	4,432	0	0	0		0 0
0	7 MECH & ELECTRICAL UPGRADE ENGINEERING	1/1/2007	12/31/2015	425	0	0	0	0	425	0	0	0		0 0
0	8 DIGESTER GAS SYSTEM UPGRADES	1/1/2010	12/31/2016	160	0	0	0	0	160	0	0	0		0 0
0	16 MECH SYSTEMS UPGRADES - CONSTR	10/1/2008	12/31/2014	200	0	0	0	0	200	0	0	0		0 0
0	23 ELECTRICAL UPGRADES-ECAR	1/1/2012	12/31/2016	942	0	0	0	0	942	0	0	0		0 0
		Project Su	b-total:	7,494	0	0	90	0	7,404	0	0	0		0 0
<u>0 WA</u>	S906982 HUMBER WWTP UPGRADES													
0	1 BUILDING UPGRADE ENGINEERING	1/1/2006	12/31/2012	16	0	0	0	0	16	0	0	0		0 0
0	2 Chlorine Building Upgrade	1/1/2010	12/31/2015	3,026	0	0	0	0	3,026	0	0	0		0 0
0	5 FLOOD PROTECTION	1/1/2012	12/31/2013	150	0	0	0	0	150	0	0	0		0 0
0	6 NEW SUBSTATION	1/1/2006	6/30/2014	634	. 0	0	0	0	634	0	0	0		0 0
0	7 ELECTRICAL CONDITION ASSESSMENT RECOMMEND	ATI1/1/2010	12/31/2021	982	0	0	0	0	982	0	0	0		0 0
0	8 NEW GROUNDSKEEPING BUILDING and RAS Control R	Roon1/1/2012	12/31/2013	1,040	0	0	0	0	1,040	0	0	0		0 0
0	52 HVAC UPGRADES	1/1/2013	12/31/2015	576	0	0	0	0	576	0	0	0		0 0
		Project Su	b-total:	6,424	0	0	0	0	6,424	0	0	0		0 0
<u>0</u> WA	S906994 HIGHLAND CREEK WWTP - SOLIDS & GAS HANDL	ING												
0	1 HCTP BIOSOLIDS IMPLEMENTATION - ENGINEERING	1/1/2012	12/31/2021	211	0	0	4	0	207	0	0	0		0 0
0	3 WAS THICKENING AND DEWATERING CONSTR	1/1/2010	12/31/2016	83	0	0	2	0	81	0	0	0		0 0
		Project Su	b-total:	294	0	0	6	0	288	0	0	0		0 0
0 WA	S907097 ASHBRIDGES BAY WWTP - BUILDING SERVICES &	SITE DE			Ì									
0	19 CITY IMPROVEMENTS RE: TH COGEN	1/1/2012	12/31/2018	120	0	0	0	0	120	0	0	0		0 0
		Project Su	b-total:	120	0	0	0	0	120	0	0	0		0 0
0 WA	S907098 ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM													
0	1 ABTP DISINFECTION ENGINEERING	1/1/2010	12/31/2021	498	0	0	15	0	483	0	0	0		0 0
				I	1									



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Project/F	inancing			2014					Financing					
Priority F	Project Project Name	Start Dat	e Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
0 WAS	S90709E ASHBRIDGES BAY WWTP - EFFLUENT SYSTEM													
0	13 ABTP OUTFALL ASSESSMENT	1/1/2012	12/31/2013	213	0	0	6	0	207	0	0	0	(0 0
		Project Sul	b-total:	711	0	0	21	0	690	0	0	0	(0 0
0 WAS	S907099 ASHBRIDGES BAY WWTP - LIQUID TREATMENT &	HANDLIN												
0	1 FINE BUBBLE AERATION IMPLEMENTATION	1/1/2013	12/31/2015	2,450	0	0	74	0	2,376	0	0	0		0 0
0	3 PRIMARY TREATMENT UPGRADE CONT #1	1/1/2010	12/31/2016	7,480	0	0	225	0	7,255	0	0	0	(0 0
0	7 Primary and Secondary Tanks Rehabilitation	1/1/2012	12/31/2013	414	0	0	13	0	401	0	0	0	(0 0
		Project Sul	b-total:	10,344	0	0	312	0	10,032	0	0	0	(0 0
0 WAS	S907100 ASHBRIDGES BAY WWTP - SOLIDS & GAS HANDL	<u>ING</u>												
0	3 WASTE ACTIVATED SLUDGE UPGRADE - ENGINEERIN		12/31/2021	960	0	0	29	0	931	0	0	0	(0 0
0	4 DIGESTERS 9-12 REFURBISHMENT	1/1/2012	12/31/2017	520	0	0	15	0	505	0	0	0	(0 0
0	25 PELLETIZER TRUCK LOADING FACILITY UPGRADES	10/9/2012	10/9/2012	480	0	0	0	0	480	0	0	0	(0 0
		Project Sul	b-total:	1,960	0	0	44	0	1,916	0	0	0	(0 0
0 WAS	S907101 ASHBRIDGES BAY WWTP - O&M UPGRADES				İ									
0	5 PROCESS & EQUIP UPGRADES	1/1/2010	12/31/2016	46	0	0	0	0	46	0	0	0		0 0
0	7 MISC MECH REHAB	1/1/2010	12/31/2015	1,216	0	0	0	0	1,216	0	0	0	(0 0
		Project Sul	b-total:	1,262	0	0	0	0	1,262	0	0	0	(0 0
0 WAS	S907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL													
0	6 BIOFILTERS UPGRADE	1/1/2012	12/31/2015	346	0	0	10	0	336	0	0	0		0 0
0	13 D BUILDING TREATMENT & BIOFILTER		12/31/2013		0	0	36	0	1,164	0	0	0		0 0
		Project Sul	b-total:	1,546	0	0	46	0	1,500	0	0	0	(0 0
0 WAS	S907104 HUMBER WWTP - LIQUID TREATMENT & HANDLIN	•												
0	2 SECONDARY TREATMENT UPGRADES		12/31/2021	973	0	0	10	0	963	0	0	0	(0 0
Ü	E DE DONDANT THE ATMENT OF GIVIDED	Project Sul		973	0	0	10	0	963	0	0			0 0
0 WA	S907106 HUMBER WWTP - ODOUR CONTROL		o totan	070	<u> </u>									
0 WAS	1 Odour Control Implementation Phase 1	1/1/2012	12/31/2018	1,600	0	0	16	0	1,584	0	0	0		0 0
U	1 Ododi Control Implementation Friase 1	Project Sul		1,600	0	0	16	0	1,584	0	0			0 0
		Project Sui	o-totai.	1,600	l 0	0	10	0	1,364	0	0	0		0 0
_	5907224 SEWAGE PUMPING STATION UPGRADES													_
0	1 SPS UPGRADES	1/1/2011	12/31/2019	,-		0	118	0	1,454	0	0	0		0 0
0	4 SUNNYSIDE AND MARYPORT SPS UPGRADES		12/31/2014	ł		0	31	0	385	0	0			0 0
		Project Sul	b-total:	1,988	0	0	149	0	1,839	0	0	0		0 0
<u>0 WAS</u>	S907559 DON & WATERFRONT TRUNK CSO													

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



CITY OF TORONTO

Appendix 5: 2014 Recommended Capital Project with Financing Details

Wastewater Program Sub-Project Summary

Project/Financing			2014					Financ					
Priority Project Name	Start Dat	e Completion Date	Cash Flow	Provincial Grants	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From	Other 1	Other 2	Debt	Debt - Recoverable
				Subsidies					Current				
0 WAS907559 DON & WATERFRONT TRUNK CSO													
0 1 DON & WATERFRONT TRUNK/CSO PKG 1 - DESIGN	1/1/2012	12/31/2021	640	0	0	64	0	576	0	0	0	(0 0
	Project Su	b-total:	640	0	0	64	0	576	0	0	0		0 0
0 WAS907700 NORTH TORONTO WTP UPGRADES													
0 2 NTTP-ELECTRICAL UPGRADES	1/1/2012	12/31/2018	450	0	0	0	0	450	0	0	0		0 0
	Project Su	b-total:	450	0	0	0	0	450	0	0	0	(0 0
0 WASWP003 EMERY CREEK POND													
0 1 EMERY CREEK POND	1/1/2010	12/31/2016	608	0	0	61	0	547	0	0	0	-	0 0
	Project Su	b-total:	608	0	0	61	0	547	0	0	0	-	0 0
0 WASWP050 EQUIPMENT REPLACEMENT & REHABILITATION													
0 35 MTI REAL TIME CONTROL	1/1/2010	12/31/2015	200	0	0	10	0	190	0	0	0		0
1 78 North Primaries Pumping Equipment	1/1/2012	12/31/2015	394	0	0	0	0	394	0	0	0	1	0 0
	Project Su	b-total:	594	0	0	10	0	584	0	0	0	(0 0
Program Total:			96,473	0	0	1,571	0	94,902	0	0	0	(0 0

Status Code Description

S2 Prior Year (With 2014 and\or Future Year Cashflow)

Category Code Description

Health and Safety C01 01 02

Legislated C02

03 State of Good Repair C03

04 Service Improvement and Enhancement C04

05 Growth Related C05

06 Reserved Category 1 C06 Reserved Category 2 C07

Reserve/Reserve Fund Review - Program Specific

Tal	Projected					Pr	oposed Withdr	awals					
Reserve / Reserve Fund	Project / SubProject Name	Balance as	2014 Rec.	2015 Plan	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2014 - 2023
Name	and Number	at Dec. 31,	Budget	2015 Plan	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	Total
	Beginning Balance	\$50,313	48,247	43,456	37,954	35,031	28,545	26,577	26,839	27,520	27,185	23,191	
Sanitary Sewer DC Reserve Fund	ASHBRIDGES BAY T.P III												
	YR2004		(91)	(123)	(4)	(2)							(220)
	ASHBRIDGES BAY T.P. YR2006		(66)	(132)	(179)								(377)
XR2026 DC - Sewer (2004)	ASHBRIDGES BAY WWTP -												
	EFFLUENT SYSTEM		(97)	(320)	(779)	(2,286)	(4,041)	(4,610)	(3,103)	(4,571)	(4,298)	(4,621)	(28,726)
	ASHBRIDGES BAY WWTP -												
	LIQUID TREATMENT & HANDLING		(2,017)	(2.944)	(3.066)	(2,744)	(3,413)	(1,546)	(2,414)	(2,511)	(2,511)	(2,511)	(25,677)
	ASHBRIDGES BAY WWTP -		(=,0.17)	(=,0.1.)	(=,===,	(=,,	(0,)	(.,)	(=,,	(=,0)	(=,=,	(=,0)	(==)===)
	ODOUR CONTROL		(185)	(680)	(704)	(493)							(2,062)
	ASHBRIDGES BAY WWTP -												
	SOLIDS & GAS HANDLING		(213)	(229)	(1,448)	(1,811)	(1,796)	(888)	(887)	(732)			(8,004)
	ASHBRIDGES BAY WWTP REHAB		(740)	(00.4)	(692)	(000)	(200)	(41)	(4)				(3,026)
	ASHRIDGES BAY TP YR2005		(710)	(624)	(692)	(626)	(329)	(41)	(4)				(120)
	DIST SEWER REHAB OPS		(11)	(39)	(20)	(37)	(7)						(120)
	YR2005		(24)	(15)	(1)			l					(40)
	CSO		(147)	(530)	(961)	(1,799)	(2,281)	(2,333)	(1,915)	(1,496)	(1,689)	(2,512)	(15,663)
	HIGHLAND CREEK T.P IV			(,	(,	(, ,		(, , , , ,		()	,,,,,,	(/ / /	
	YR2004		(17)	(5)									(22)
	HIGHLAND CREEK TP YR2005		(20)	(26)	(25)								(71)
	HIGHLAND CREEK WWTP - O&M												
	UPGRADES											(145)	(145)
	ODOUR CONTROL		(439)	(1,248)	(1,246)	(1,271)	(1,234)	(1,095)	(556)	(545)	(285)		(7,919)
	HIGHLAND CREEK WWTP - SOLIDS & GAS HANDLING		(230)	(588)	(567)	(386)	(1.448)	(1.609)	(1.468)	(1.468)	(724)	(58)	(8,546)
	HIGHLAND CREEK WWTP		(230)	(300)	(567)	(300)	(1,440)	(1,009)	(1,400)	(1,400)	(724)	(36)	(8,540)
	UPGRADES		(546)	(881)	(1,750)	(1,725)	(876)	(99)					(5,877)
	HUMBER T.P II YR2004		(8)	(14)		(1)							(23)
	HUMBER TP YR2005		(42)	(2)									(44)
	HUMBER WWTP - O&M												
	UPGRADES		(4)	(20)									(24)
	HUMBER WWTP - ODOUR CONTROL		(402)	(1,207)	(1,610)	(1,610)	(402)						(5,231)
	LAWRENCE ALLAN		(402)	(1,207)	(1,610)	(1,610)	(402)						(5,231)
	REVITALIZATION PLAN			(6,471)	(1,200)	(5.437)							(13,108)
	TEVIT CESTION I STA			(0,111)	(1,200)	(0,407)							(15)100)
	NEW SEWER CONSTRUCTION		(126)	(2,622)	(4,373)	(2,973)	(1,573)	(2,173)	(2,773)	(2,773)	(2,773)	(2,773)	(24,932)
	SEWAGE PUMPING STATION												
	UPGRADES		(745)	(438)	(165)	(32)							(1,380)
								l					****
	SEWER ASSET PLANNING SEWER REPLACEMENT	-	(100)	(147)	(97)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(680)
	PROGRAM		(11,081)	(1.330)	(1.497)	(1.690)	(1.931)	(2,173)	(2.414)	(2.656)	(2.656)	(2.414)	(29.842)
	SEWER SYSTEM		(11,001)	(1,330)	(1,497)	(1,090)	(1,831)	(2,173)	(2,414)	(2,000)	(2,000)	(2,414)	(25,042)
	REHABILITATION		(183)	(378)	(504)	(424)	(324)	(2)					(1,815)
			,,	(/	(***)								() /
	TRUNK SEWER SYSTEM				(187)	(373)	(1,867)	(2,986)	(3,733)	(3,733)	(9,332)	(9,332)	(31,543)
[
[WESTERN BEACHES RETROFIT		(64)	(205)	(205)								(474)
[T. 1. 1 S 1 MOUL 1	(44.55	(47.55)	(24.2:-)	(24.25-)	(25.222)	(24 5)	(40.5==)	(40.0:-)	(20 5)	(24.5.5	(24.45.)	(245.55)
	Total Proposed Withdrawals	(\$4,584)	(17,568)	(21,218)	(21,286)	(25,768)	(21,570)	(19,603)	(19,315)	(20,533)	(24,316)	(24,414)	(215,591)
TOTAL DECEMUE FUND 221 221	Projected Contributions	\$2,518	12,777	15,716	18,363	19,282	19,602	19,865	19,996	20,198	20,322	20,729	186,850
TOTAL RESERVE FUND BALAN	CE AT TEAR-END	\$48,247	43,456	37,954	35,031	28,545	26,577	26,839	27,520	27,185	23,191	19,506	

Reserve/Reserve Fund Review - Program Specific

Ta	Projected	Proposed Withdrawals											
Reserve / Reserve Fund Name	Project / SubProject Name and Number	Balance as at Dec. 31,	2014 Rec. Budget	2015 Plan	2016 Plan	2017 Plan	2018 Plan	2019 Plan	2020 Plan	2021 Plan	2022 Plan	2023 Plan	2014 - 2023 Total
	Beginning Balance	\$12,860	14,697	11,108	12,803	15,821	18,902	21,889	24,137	25,829	26,612	28,642	
	EMERY CREEK POND		(194)	(205)	(44)								(443)
Storm Water Management DC Reserve Fund	Land Acquisition for Source Water Protect		(564)	(564)	(161)	(161)	(161)	(161)	(161)	(161)	(161)	(161)	(2,416)
	SEWER REPLACEMENT PROGRAM		(4,860)										(4,860)
XR2113 DC - SWM (2009)	STREAM RESTORATION & EROSION CONTROL		(607)	(684)	(432)	(616)	(452)	(831)	(952)	(976)	(831)	(831)	(7,212)
XR2404 DC - SWM (2004)	SWM TRCA FUNDING		(320)	(327)	(336)	(344)	(353)	(361)	(371)	(380)	(389)	(399)	(3,580)
	SWM END OF PIPE FACILITIES		(96)	(546)	(535)	(528)	(772)	(1,160)	(1,620)	(2,549)	(1,247)	(2,414)	(11,467)
	WET WEATHER FLOW MP		(357)	(172)	(373)	(414)	(504)	(539)	(539)	(539)	(764)	(764)	(4,965)
	Total Proposed Withdrawals	(\$1,578)			(1,881)	(2,063)	(2,242)	(-//	(3,643)	(4,605)	(3,392)	. , ,	(34,943)
	Projected Contributions	\$3,415	3,409	4,193	4,899	5,144	5,229	5,300	5,335	5,388	5,422	5,530	49,849
TOTAL RESERVE FUND BALAN	TOTAL RESERVE FUND BALANCE AT YEAR-END		11,108	12,803	15,821	18,902	21,889	24,137	25,829	26,612	28,642	29,603	

^{*} Based on 3rd Quarter Variance Report