

(Phase 2) 11-Wastewater Program Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S5,S6 Type: C Sub-Project Status: S2,S3,S4



## CITY OF TORONTO

**Appendix 5: 2012 Recommended Capital Projects with Financing Details**  
**Wastewater Program**  
**Sub-Project Summary**

Project/Financing Priority Project	Project Name	Start Date	Completion Date	2012	Financing									
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable
<b>0</b>	<b><u>WAS00007</u></b>	<b><u>ASHBRIDGES BAY WWTP REHAB</u></b>												
0	5 ELECTRICAL REHAB ENGINEERING	1/1/2010	12/31/2013	300	0	0	0	0	300	0	0	0	0	0
0	17 STANDBY POWER GENERATION	1/1/2010	12/31/2015	4,250	0	0	128	0	4,122	0	0	0	0	0
0	19 FERROUS UPGRADES	1/1/2012	12/31/2017	770	0	0	23	0	747	0	0	0	0	0
0	30 ELECTRICAL REHAB	1/1/2010	12/31/2021	1,680	0	0	0	0	1,680	0	0	0	0	0
0	38 Secondary Treatment Upgrades	1/1/2010	12/31/2021	2,950	0	0	0	0	2,950	0	0	0	0	0
0	41 POLYMER UPGRADE	1/1/2012	12/31/2016	500	0	0	0	0	500	0	0	0	0	0
0	45 MOBILE GENERATORS	1/1/2006	12/31/2013	25	0	0	0	0	25	0	0	0	0	0
0	46 Rehab of Grounds and Buildings	1/1/2010	12/31/2015	1,500	0	0	0	0	1,500	0	0	0	0	0
0	47 PT ENGINEERING DESIGN & CONTRACT ADMIN	1/1/2010	12/31/2019	3,902	0	0	117	0	3,785	0	0	0	0	0
0	49 PROCESS UPGRADES AND ODOUR CONTROL ENGINEEF	1/1/2010	12/31/2016	1,860	0	0	56	0	1,804	0	0	0	0	0
0	161 STANDBY POWER GENERATION - SC	1/1/2010	12/31/2010	-2,116	0	0	-63	0	-2,053	0	0	0	0	0
0	162 ELECTRICAL REHAB - SC	1/1/2010	12/31/2010	-1,080	0	0	0	0	-1,080	0	0	0	0	0
0	163 SECONDARY TREATMENT UPGRADES - SC	1/1/2010	12/31/2010	-2,510	0	0	0	0	-2,510	0	0	0	0	0
0	166 REHAB OF GROUNDS & BUILDINGS - SC	1/1/2010	12/31/2010	-125	0	0	0	0	-125	0	0	0	0	0
0	167 PT ENGINEERING DESIGN & CONTRACT ADMIN - SC	1/1/2012	1/1/2021	-2,174	0	0	-65	0	-2,109	0	0	0	0	0
0	168 PROCESS UPGRADES & ODOUR CONTROL ENGINEERIN	1/1/2010	12/31/2010	175	0	0	5	0	170	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>9,907</b>	<b>0</b>	<b>0</b>	<b>201</b>	<b>0</b>	<b>9,706</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS00011</u></b>	<b><u>HUMBER T.P.</u></b>												
0	9 CO-GENERATION	1/1/1999	12/31/2013	200	0	0	0	0	200	0	0	0	0	0
0	23 Sludge Thickening Building Upgrade	1/1/2002	12/31/2013	535	0	0	0	0	535	0	0	0	0	0
0	50 SLUDGE THICKENING BLDG UPGRADE - SC	1/1/2010	12/31/2010	-500	0	0	0	0	-500	0	0	0	0	0
0	52 CO-GENERATION - SC	1/1/2010	12/31/2010	-200	0	0	0	0	-200	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS00016</u></b>	<b><u>ASHBRIDGES BAY TREATMENT PLANT - III</u></b>												
0	19 BIOSOLIDS IMPRVS & STUDIES	1/1/2005	12/31/2012	100	0	0	2	0	98	0	0	0	0	0
0	41 BIOSOLIDS IMPRVS & STUDIES - SC	1/1/2012	12/31/2021	-50	0	0	-1	0	-49	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>50</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>49</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS00025</u></b>	<b><u>TRUNK SEWER SYSTEM</u></b>												
0	1 KEELE TRUNK SEW-PROPERTY ACQUISITION	1/1/2012	12/31/2012	85	0	0	0	0	85	0	0	0	0	0
0	23 TRUNK SEWER REHABILITATION	1/1/2010	12/31/2015	6,286	0	0	0	0	6,286	0	0	0	0	0
0	27 TRUNK SEWER REHABILITATION - SC	1/1/2010	12/31/2010	-5,473	0	0	0	0	-5,473	0	0	0	0	0
1	15 TRUNK SEWER REHAB-2012	1/1/2012	12/31/2016	7,800	0	0	0	0	7,800	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>8,698</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,698</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



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## CITY OF TORONTO

## Appendix 5: 2012 Recommended Capital Projects with Financing Details

## Wastewater Program

## Sub-Project Summary

Project/Financing Priority Project	Project Name	Start Date	Completion Date	2012	Financing											
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable		
<u>0</u>	<u>WAS906331</u>	<u>SWM SOURCE CONTROL PROG</u>														
0	9 DOWNSPOUT DISCONNECTION PROGRAM - SC	1/1/2010	12/31/2010	475	0	0	48	0	427	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			475	0	0	48	0	427	0	0	0	0	0	0	0
<u>0</u>	<u>WAS90638C</u>	<u>HIGHLAND CREEK WWTP - ODOUR CONTROL</u>														
0	1 ODOUR CONTROL UPGRADES - PHASE 1 ENG	1/1/2010	12/31/2019	600	0	0	12	0	588	0	0	0	0	0	0	0
0	8 ODOUR CONTROL UPGRADES - PHASE 1 ENG - SC	1/1/2010	12/31/2010	310	0	0	6	0	304	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			910	0	0	18	0	892	0	0	0	0	0	0	0
<u>0</u>	<u>WAS90648E</u>	<u>ASHBRIDGES BAY T.P. - III YR2004</u>														
0	3 PCS-PLANT SRVS	1/1/2004	12/31/2016	4,285	0	0	129	0	4,156	0	0	0	0	0	0	0
0	4 LANDSCAPE SITE DESIGN	1/1/2004	12/31/2021	400	0	0	0	0	400	0	0	0	0	0	0	0
0	5 WORK AREA 8 REHAB	1/1/2010	12/31/2021	80	0	0	0	0	80	0	0	0	0	0	0	0
0	32 PCS-PLANT SRVS - SC	1/1/2010	12/31/2010	254	0	0	8	0	246	0	0	0	0	0	0	0
0	33 LANDSCAPE SITE DESIGN - SC	1/1/2010	12/31/2010	-400	0	0	0	0	-400	0	0	0	0	0	0	0
0	34 Work Area 8 Rehab - SC	1/1/2010	12/31/2010	700	0	0	0	0	700	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			5,319	0	0	137	0	5,182	0	0	0	0	0	0	0
<u>0</u>	<u>WAS906487</u>	<u>HIGHLAND CREEK T.P. - IV YR2004</u>														
0	2 PCS PLANT SERVICES	1/1/2004	12/31/2015	324	0	0	6	0	318	0	0	0	0	0	0	0
0	15 PCS PLANT SERVICES - SC	1/1/2010	12/31/2010	-60	0	0	-1	0	-59	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			264	0	0	5	0	259	0	0	0	0	0	0	0
<u>0</u>	<u>WAS90648E</u>	<u>HUMBER T.P. - II YR2004</u>														
0	2 PCS PLANT SERVICES	1/1/2004	12/31/2014	389	0	0	4	0	385	0	0	0	0	0	0	0
0	16 PCS PLANT SERVICES - SC	1/1/2010	12/31/2010	-85	0	0	-1	0	-84	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			304	0	0	3	0	301	0	0	0	0	0	0	0
<u>0</u>	<u>WAS90649Z</u>	<u>WET WEATHER FLOW MP</u>														
0	1 SWM INA-EA	1/1/2004	12/31/2021	864	0	0	86	0	778	0	0	0	0	0	0	0
0	2 WWFMP - PUBLIC EDUCATION	1/1/2004	12/31/2016	500	0	0	50	0	450	0	0	0	0	0	0	0
0	14 WWFMMP Implementation - Design & Contract Admin	6/30/2009	12/31/2014	245	0	0	25	0	220	0	0	0	0	0	0	0
0	15 WWF MONITORING STATIONS	1/1/2008	12/31/2018	150	0	0	0	0	150	0	0	0	0	0	0	0
0	27 SWM INA/EA - SC	1/1/2010	12/31/2010	81	0	0	8	0	73	0	0	0	0	0	0	0
0	28 WWFMP IMPLEMENTATION - DESIGN - SC	1/1/2010	12/31/2010	505	0	0	51	0	454	0	0	0	0	0	0	0
0	30 PUBLIC EDUCATION - SC	1/1/2010	12/31/2010	250	0	0	25	0	225	0	0	0	0	0	0	0
0	35 SWM CONVEYANCE 2012-2013	1/1/2012	12/31/2013	4,000	0	0	0	0	4,000	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			6,595	0	0	245	0	6,350	0	0	0	0	0	0	0

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## CITY OF TORONTO

## Appendix 5: 2012 Recommended Capital Projects with Financing Details

## Wastewater Program

## Sub-Project Summary

Project/Financing				2012	Financing											
Priority	Project	Project Name	Start Date	Completion Date	Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable	
<b>0</b>	<b><u>WAS90649</u></b>	<b><u>SEWER ASSET PLANNING</u></b>														
0		5 Sewer Asset Planning	1/17/2006	12/31/2021	725	0	0	0	0	725	0	0	0	0	0	0
0		7 Sewer System Inspection	1/1/2010	12/31/2013	2,600	0	0	0	0	2,600	0	0	0	0	0	0
0		11 SEWER ASSET PLANNING - SC	1/1/2010	12/31/2010	-55	0	0	0	0	-55	0	0	0	0	0	0
0		12 SEWER SYSTEM INSPECTION - SC	1/1/2010	12/31/2010	1,085	0	0	0	0	1,085	0	0	0	0	0	0
		<b>Project Sub-total:</b>			4,355	0	0	0	0	4,355	0	0	0	0	0	0
<b>0</b>	<b><u>WAS90650</u></b>	<b><u>NEW SEWER CONSTRUCTION</u></b>														
0		5 NEW SEWERS	1/1/2008	12/31/2013	5,000	0	0	0	0	5,000	0	0	0	0	0	0
0		10 NEW SEWERS - SC	1/1/2010	12/31/2010	-4,000	0	0	900	0	-4,900	0	0	0	0	0	0
		<b>Project Sub-total:</b>			1,000	0	0	900	0	100	0	0	0	0	0	0
<b>0</b>	<b><u>WAS90673</u></b>	<b><u>DIST SEWER REHAB OPS YR2005</u></b>														
0		10 GROUP 1 SEWAGE PUMPING STATION UPGRADES - SC	1/1/2010	12/31/2010	2,100	0	0	0	0	2,100	0	0	0	0	0	0
		<b>Project Sub-total:</b>			2,100	0	0	0	0	2,100	0	0	0	0	0	0
<b>0</b>	<b><u>WAS906741</u></b>	<b><u>HIGHLAND CREEK TP YR2005</u></b>														
0		1 WAS THICKENING AND DEWATERING ENG	3/1/2005	12/31/2018	500	0	0	10	0	490	0	0	0	0	0	0
0		12 WAS THICKENING AND DEWATERING - ENG - SC	1/1/2010	12/31/2010	240	0	0	5	0	235	0	0	0	0	0	0
		<b>Project Sub-total:</b>			740	0	0	15	0	725	0	0	0	0	0	0
<b>0</b>	<b><u>WAS906742</u></b>	<b><u>HUMBER TP YR2005</u></b>														
0		6 HEADHOUSE UPGRADES Phase 1	1/1/2010	12/31/2014	4,250	0	0	43	0	4,207	0	0	0	0	0	0
0		8 ODOUR CONTROL ENGINEERING	1/1/2007	12/31/2016	1,126	0	0	0	0	1,126	0	0	0	0	0	0
0		37 REPLC FINAL TANK RETURN HEADER - SC	1/1/2010	12/31/2010	3	0	0	0	0	3	0	0	0	0	0	0
0		38 HEADHOUSE UPGRADES Phase 1 - SC	1/1/2012	1/1/2021	93	0	0	1	0	92	0	0	0	0	0	0
0		39 ODOUR CONTROL ENGINEERING - SC	1/1/2012	1/1/2021	1,119	0	0	0	0	1,119	0	0	0	0	0	0
0		43 RAS Motors & VFDs - SC	1/1/2012	12/31/2021	5	0	0	0	0	5	0	0	0	0	0	0
		<b>Project Sub-total:</b>			6,596	0	0	44	0	6,552	0	0	0	0	0	0
<b>0</b>	<b><u>WAS906743</u></b>	<b><u>ASHRIDGES BAY TP YR2005</u></b>														
0		1 Process & Equip Upgrades	3/1/2005	12/31/2016	655	0	0	20	0	635	0	0	0	0	0	0
0		36 PROCESS EQUIP UPGRADES - SC	1/1/2012	1/1/2021	410	0	0	12	0	398	0	0	0	0	0	0
0		37 M & T RETROFIT - SC	1/1/2012	1/1/2021	4,098	0	0	0	0	4,098	0	0	0	0	0	0
0		38 SERVICE AIR UPGRADES - SC	1/1/2012	1/1/2021	-4,405	0	0	0	0	-4,405	0	0	0	0	0	0
1		4 M & T Retrofit	1/1/2005	12/31/2014	1,007	0	0	0	0	1,007	0	0	0	0	0	0
1		7 SERVICE AIR UPGRADES	1/1/2008	12/31/2016	4,505	0	0	0	0	4,505	0	0	0	0	0	0
		<b>Project Sub-total:</b>			6,270	0	0	32	0	6,238	0	0	0	0	0	0

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Project/Financing Priority Project	Project Name	Start Date	Completion Date	2012	Financing											
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable		
<b>0</b>	<b><u>WAS90675</u></b>	<b><u>WESTERN BEACHES RETROFIT</u></b>														
0	1 Western Beaches Tunnel	1/1/2008	12/31/2015	421	0	0	0	0	421	0	0	0	0	0	0	0
0	4 WESTERN BEACHES RETROFIT - SC	1/1/2012	1/1/2021	-171	0	0	0	0	-171	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS90692</u></b>	<b><u>OPERATIONAL SUPPORT</u></b>														
0	1 DIVISIONAL SECURITY	1/1/2006	12/31/2014	450	0	0	0	0	450	0	0	0	0	0	0	0
0	6 FACILITY RENOVATION	1/1/2006	12/31/2016	1,000	0	0	0	0	1,000	0	0	0	0	0	0	0
0	7 Renovation - Merton Roof	1/1/2012	12/31/2012	500	0	0	0	0	500	0	0	0	0	0	0	0
0	17 Designated Substance Abatement	8/15/2006	12/31/2014	200	0	0	0	0	200	0	0	0	0	0	0	0
0	18 CEPA Notice Compliance - P2 Planning	12/15/2007	12/31/2012	221	0	0	0	0	221	0	0	0	0	0	0	0
0	23 HAND HELD DEVICES - UPDATED	1/1/2014	12/31/2014	100	0	0	0	0	100	0	0	0	0	0	0	0
0	50 DIVISIONAL SECURITY - SC	1/1/2012	1/1/2021	-150	0	0	0	0	-150	0	0	0	0	0	0	0
0	51 DESIGNATED SUBSTANCE ABATEMENT - SC	1/1/2012	1/1/2021	-100	0	0	0	0	-100	0	0	0	0	0	0	0
0	53 EMP MONITORING NEEDS - SC	1/1/2012	1/1/2021	-100	0	0	0	0	-100	0	0	0	0	0	0	0
0	56 RENOVATION - SC	1/1/2012	1/1/2021	-300	0	0	0	0	-300	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>1,821</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,821</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS90695</u></b>	<b><u>SEWER SYSTEM REHABILITATION</u></b>														
0	2 Group 2 & 3 Sewage P.S. Upgrades	1/1/2005	12/31/2013	3,597	0	0	0	0	3,597	0	0	0	0	0	0	0
0	5 CCTV Inspection	1/14/2006	12/31/2013	1,100	0	0	0	0	1,100	0	0	0	0	0	0	0
0	6 LATERAL REHAB	8/14/2006	12/31/2013	500	0	0	0	0	500	0	0	0	0	0	0	0
0	8 SPS SCADA UPGRADES	1/1/2008	12/31/2014	800	0	0	0	0	800	0	0	0	0	0	0	0
0	9 SEWER REHABILITATION	1/1/2008	12/31/2013	2,000	0	0	0	0	2,000	0	0	0	0	0	0	0
0	23 SEWAGE PUMPING STATION STANDBY POWER	1/1/2010	12/31/2014	1,780	0	0	0	0	1,780	0	0	0	0	0	0	0
0	24 GROUP 5 SEWAGE PUMPING STATION CAPACITY UPGR	1/1/2009	12/31/2016	250	0	0	0	0	250	0	0	0	0	0	0	0
0	32 GROUPS 2 & 3 SEWAGE PUMPING STATION UPGRADES	1/1/2012	1/1/2021	-900	0	0	0	0	-900	0	0	0	0	0	0	0
0	33 SEWAGE PUMPING STATION STANDBY POWER - SC	1/1/2012	1/1/2021	-930	0	0	0	0	-930	0	0	0	0	0	0	0
0	34 GROUP 5 SEWAGE PUMPING STATION UPGRADES - SC	1/1/2012	1/1/2021	400	0	0	0	0	400	0	0	0	0	0	0	0
0	35 CCTV INSPECTION - SC	1/1/2012	1/1/2021	90	0	0	0	0	90	0	0	0	0	0	0	0
0	36 LATERAL REHAB - SC	1/1/2012	1/1/2021	3,000	0	0	0	0	3,000	0	0	0	0	0	0	0
0	38 SEWER REHABILITATION - SC	1/1/2012	1/1/2021	10,310	0	0	0	0	10,310	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>21,997</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21,997</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS90696</u></b>	<b><u>STREAM RESTORATION &amp; EROSION CONTROL</u></b>														
0	1 HIGHLAND CREEK STREAM RESTORATION	1/1/2006	12/31/2013	1,000	0	0	100	0	900	0	0	0	0	0	0	0
0	3 Outfall Rehabilitation	1/14/2006	12/14/2014	500	0	0	0	0	500	0	0	0	0	0	0	0



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				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable		
<b>0</b>	<b><u>WAS90698</u></b>	<b><u>ASHBRIDGES BAY T.P. YR2006</u></b>														
0	8 MEDIATION AGREEMENT IMPLEMENTATION - PART 2	1/1/2006	12/31/2015	25	0	0	0	0	25	0	0	0	0	0	0	0
0	9 DEWATERING EQUIPMENT UPGRADES	1/1/2006	12/31/2016	7,600	0	0	228	0	7,372	0	0	0	0	0	0	0
0	26 DEWATERING EQUIPMENT UPGRADES - SC	1/1/2012	1/1/2021	1,000	0	0	30	0	970	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>8,625</b>	<b>0</b>	<b>0</b>	<b>258</b>	<b>0</b>	<b>8,367</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS906981</u></b>	<b><u>HIGHLAND CREEK WWTP UPGRADES</u></b>														
0	1 PROCESS & FACILITY UPGRADE	1/1/2006	12/31/2017	500	0	0	0	0	500	0	0	0	0	0	0	0
0	3 BIOSOLIDS TREATMENT UPGRADES	1/1/2006	12/31/2018	10,343	0	0	0	0	10,343	0	0	0	0	0	0	0
0	7 MECH & ELECTRICAL UPGRADE ENGINEERING	1/1/2007	12/31/2015	1,367	0	0	0	0	1,367	0	0	0	0	0	0	0
0	8 DIGESTER GAS SYSTEM UPGRADES	1/1/2010	12/31/2016	1,550	0	0	0	0	1,550	0	0	0	0	0	0	0
0	16 MECH SYSTEMS UPGRADES - CONSTR	10/1/2008	12/31/2014	3,000	0	0	0	0	3,000	0	0	0	0	0	0	0
0	23 ELECTRICAL CONDITION ASSESSMENT RECOMMENDATI	1/1/2012	12/31/2021	1,572	0	0	0	0	1,572	0	0	0	0	0	0	0
0	31 ELEC SYSTEM UPGRADES - CONSTR	1/1/2010	12/31/2014	4,000	0	0	0	0	4,000	0	0	0	0	0	0	0
0	32 CEPA COMPLIANCE -HCTP	1/1/2010	12/31/2012	11	0	0	0	0	11	0	0	0	0	0	0	0
0	42 PROCESS & FACILITY UPGRADE - SC	1/1/2012	1/1/2021	2,285	0	0	0	0	2,285	0	0	0	0	0	0	0
0	44 BIOSOLIDS TREATMENT UPGRADES - SC	1/1/2012	1/1/2021	-7,528	0	0	0	0	-7,528	0	0	0	0	0	0	0
0	45 ELEC SYSTEM UPGRADES - CONSTR - SC	1/1/2012	1/1/2021	-428	0	0	0	0	-428	0	0	0	0	0	0	0
0	46 CEPA COMPLIANCE - CL NOTICE - HCTP - SC	1/1/2012	1/1/2021	31	0	0	0	0	31	0	0	0	0	0	0	0
0	48 MECH & ELECTRICAL UPGRADE ENGINEERING - SC	1/1/2012	1/1/2021	-127	0	0	0	0	-127	0	0	0	0	0	0	0
0	55 MECH SYSTEMS UPGRADES - CONSTR - SC	1/1/2012	12/31/2021	1,000	0	0	0	0	1,000	0	0	0	0	0	0	0
0	58 DIGESTER GAS SYSTEM UPGRADES - SC	1/1/2012	12/31/2021	-1,232	0	0	0	0	-1,232	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>16,344</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16,344</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS906982</u></b>	<b><u>HUMBER WWTP UPGRADES</u></b>														
0	1 BUILDING UPGRADE ENGINEERING	1/1/2006	12/31/2012	180	0	0	0	0	180	0	0	0	0	0	0	0
0	2 Chlorine Building Upgrade	1/1/2010	12/31/2013	4,110	0	0	0	0	4,110	0	0	0	0	0	0	0
0	5 FLOOD PROTECTION	1/1/2012	12/31/2015	250	0	0	0	0	250	0	0	0	0	0	0	0
0	6 NEW SUBSTATION	1/1/2006	12/31/2013	10,474	0	0	0	0	10,474	0	0	0	0	0	0	0
0	7 ELECTRICAL CONDITION ASSESSMENT RECOMMENDATI	1/1/2010	12/31/2021	1,500	0	0	0	0	1,500	0	0	0	0	0	0	0
0	8 NEW GROUNDSKEEPING BUILDING and RAS Control Room	1/1/2012	12/31/2013	380	0	0	0	0	380	0	0	0	0	0	0	0
0	20 BLDG & GROUNDS UPGRADE	1/1/2008	12/31/2015	100	0	0	0	0	100	0	0	0	0	0	0	0
0	28 MISC MECH/ELEC REHAB	1/1/2010	12/31/2012	350	0	0	0	0	350	0	0	0	0	0	0	0
0	37 BUILDING UPGRADES ENGINEERING - SC	1/1/2012	1/1/2021	-90	0	0	0	0	-90	0	0	0	0	0	0	0
0	38 CHLORINE FACILITY UPGRADE - SC	1/1/2012	1/1/2021	-2,485	0	0	0	0	-2,485	0	0	0	0	0	0	0
0	40 MISC MECH REHAB - SC	1/1/2012	1/1/2021	-250	0	0	0	0	-250	0	0	0	0	0	0	0
0	41 NEW SUBSTATION - SC	1/1/2012	1/1/2021	-2,054	0	0	0	0	-2,054	0	0	0	0	0	0	0





(Phase 2) 11-Wastewater Program Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S5,S6 Type: C Sub-Project Status: S2,S3,S4



## CITY OF TORONTO

## Appendix 5: 2012 Recommended Capital Projects with Financing Details

## Wastewater Program

## Sub-Project Summary

Project/Financing Priority Project	Project Name	Start Date	Completion Date	2012	Financing											
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable		
<b>0</b>	<b><u>WAS90709</u></b>	<b><u>ASHBRIDGES BAY WWTP - LIQUID TREATMENT &amp; HANDLIN</u></b>														
0	3 PRIMARY TREATMENT UPGRADE CONT #1	1/1/2010	12/31/2016	3,200	0	0	96	0	3,104	0	0	0	0	0	0	0
0	6 M & T PUMPING STATION REBUILD	1/1/2012	12/31/2020	500	0	0	0	0	500	0	0	0	0	0	0	0
0	7 Primary and Secondary Tanks Rehabilitation	1/1/2012	12/31/2013	8,826	0	0	265	0	8,561	0	0	0	0	0	0	0
0	10 M & T PUMPING STATION REBUILD	1/1/2010	12/31/2020	2,000	0	0	0	0	2,000	0	0	0	0	0	0	0
0	11 WORK AREA 4 REHAB	1/1/2010	12/31/2021	1,350	0	0	0	0	1,350	0	0	0	0	0	0	0
0	12 WORK AREA 1 REHAB	1/1/2010	12/31/2021	2,000	0	0	0	0	2,000	0	0	0	0	0	0	0
0	13 WORK AREA 5 REHAB	1/1/2010	12/31/2021	1,170	0	0	0	0	1,170	0	0	0	0	0	0	0
0	17 WORK AREA 3 REHAB	1/1/2010	12/31/2021	260	0	0	0	0	260	0	0	0	0	0	0	0
0	26 M & T PUMPING STATION REBUILD - SC	1/1/2012	1/1/2021	-175	0	0	0	0	-175	0	0	0	0	0	0	0
0	27 WORK AREA 4 REHAB - SC	1/1/2012	1/1/2021	-200	0	0	0	0	-200	0	0	0	0	0	0	0
0	28 WORK AREA 1 REHAB - SC	1/1/2012	1/1/2021	480	0	0	0	0	480	0	0	0	0	0	0	0
0	29 WORK AREA 5 REHAB - SC	1/1/2012	1/1/2021	2,430	0	0	0	0	2,430	0	0	0	0	0	0	0
0	31 PRIMARY TREATMENT UPGRADE - CONST CONT#1 - SC	1/1/2012	1/1/2021	-2,200	0	0	-66	0	-2,134	0	0	0	0	0	0	0
0	36 WORK AREA 3 REHAB - SC	1/1/2012	12/31/2021	-670	0	0	0	0	-670	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			18,971	0	0	295	0	18,676	0	0	0	0	0	0	0
<b>0</b>	<b><u>WAS90710</u></b>	<b><u>ASHBRIDGES BAY WWTP - SOLIDS &amp; GAS HANDLING</u></b>														
0	3 WASTE ACTIVATED SLUDGE UPGRADE	1/1/2012	12/31/2021	1,000	0	0	30	0	970	0	0	0	0	0	0	0
0	4 DIGESTERS 9-12 REFURBISHMENT	1/1/2012	12/31/2017	500	0	0	9	0	491	0	0	0	0	0	0	0
0	8 BIOSOLIDS PELLETIZER RETROFIT	1/1/2010	12/31/2021	200	0	0	0	0	200	0	0	0	0	0	0	0
0	19 DIGESTERS 9-12 REFURBISHMENT - SC	1/1/2012	12/31/2021	-450	0	0	-8	0	-442	0	0	0	0	0	0	0
0	20 WASTE ACTIVATED SLUDGE UPGRADE - SC	1/1/2012	12/31/2021	-800	0	0	-24	0	-776	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			450	0	0	7	0	443	0	0	0	0	0	0	0
<b>0</b>	<b><u>WAS907101</u></b>	<b><u>ASHBRIDGES BAY WWTP - O&amp;M UPGRADES</u></b>														
0	5 PROCESS & EQUIP UPGRADES	1/1/2010	12/31/2021	925	0	0	0	0	925	0	0	0	0	0	0	0
0	6 MESI UPGRADES	1/1/2012	12/31/2021	2,165	0	0	0	0	2,165	0	0	0	0	0	0	0
0	7 MISC MECH REHAB	1/1/2010	12/31/2015	3,350	0	0	0	0	3,350	0	0	0	0	0	0	0
0	10 PROCESS & EQUIP UPGRADES - SC	1/1/2012	1/1/2021	-275	0	0	0	0	-275	0	0	0	0	0	0	0
0	11 MISC MECH REHAB - SC	1/1/2012	1/1/2021	-1,500	0	0	0	0	-1,500	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			4,665	0	0	0	0	4,665	0	0	0	0	0	0	0
<b>0</b>	<b><u>WAS907102</u></b>	<b><u>ASHBRIDGES BAY WWTP - ODOUR CONTROL</u></b>														
0	6 BIOFILTERS UPGRADE	1/1/2012	12/31/2015	600	0	0	18	0	582	0	0	0	0	0	0	0
0	12 EMISSION AIR TREATMENT UPGRADE	1/1/2010	12/31/2013	9,000	0	0	270	0	8,730	0	0	0	0	0	0	0
0	13 D BUILDING TREATMENT & BIOFILTER	1/1/2010	12/31/2013	25,000	0	0	750	0	24,250	0	0	0	0	0	0	0

(Phase 2) 11-Wastewater Program Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S5,S6 Type: C Sub-Project Status: S2,S3,S4



## CITY OF TORONTO

## Appendix 5: 2012 Recommended Capital Projects with Financing Details

## Wastewater Program

## Sub-Project Summary

Project/Financing Priority Project	Project Name	Start Date	Completion Date	2012 Cash Flow	Financing										
					Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable	
<b>0</b>	<b><u>WAS907102</u></b>	<b><u>ASHBRIDGES BAY WWTP - ODOUR CONTROL</u></b>													
0	20 EMISSION AIR TREATMENT UPGRADE - SC	1/1/2012	1/1/2021	1,000	0	0	30	0	970	0	0	0	0	0	0
0	21 D BUILDING TREATMENT & BIOFILTER - SC	1/1/2012	1/1/2021	3,572	0	0	107	0	3,465	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>39,172</b>	<b>0</b>	<b>0</b>	<b>1,175</b>	<b>0</b>	<b>37,997</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS907104</u></b>	<b><u>HUMBER WWTP - LIQUID TREATMENT &amp; HANDLING</u></b>													
0	2 SECONDARY TREATMENT UPGRADES	1/1/2010	12/31/2021	3,207	0	0	32	0	3,175	0	0	0	0	0	0
0	12 SECONDARY TREATMENT UPGRADES - SC	1/1/2012	1/1/2021	-561	0	0	-6	0	-555	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>2,646</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>2,620</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS907105</u></b>	<b><u>HUMBER WWTP - O&amp;M UPGRADES</u></b>													
0	1 Digester 7 & 8 Upgrades & Cogen Upgrades	1/1/2010	12/31/2021	3,900	0	0	0	0	3,900	0	0	0	0	0	0
0	2 LIQUID STREAM UPGRADES	1/1/2010	12/31/2012	2,564	0	0	26	0	2,538	0	0	0	0	0	0
0	11 DIGESTER CLEANING & UPGRADES	1/1/2010	12/31/2013	400	0	0	0	0	400	0	0	0	0	0	0
0	15 GAS COMPRESSOR SYSTEM UPGRADES - SC	1/1/2012	1/1/2021	-1,368	0	0	0	0	-1,368	0	0	0	0	0	0
0	16 DIGESTER CLEANING & UPGRADES - SC	1/1/2012	1/1/2021	-200	0	0	0	0	-200	0	0	0	0	0	0
0	17 LIQUID STREAM UPGRADES - SC	1/1/2012	1/1/2021	-1,019	0	0	-10	0	-1,009	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>4,277</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>4,261</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS907106</u></b>	<b><u>HUMBER WWTP - ODOUR CONTROL</u></b>													
0	1 Odour Control Implementation Phase 1	1/1/2012	12/31/2018	2,050	0	0	21	0	2,029	0	0	0	0	0	0
0	7 ODOUR CONTROL IMPLEMENTATION - PHASE 1 - SC	1/1/2012	1/1/2021	-250	0	0	-3	0	-247	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>1,800</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>1,782</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS907224</u></b>	<b><u>SEWAGE PUMPING STATION UPGRADES</u></b>													
0	1 GROUPS 4, 6, 7; CUMBER SPS; RIVERSIDE; FORCEMAIN	1/1/2011	12/31/2019	2,555	0	0	77	0	2,478	0	0	0	0	0	0
0	2 SCOTT STREET PS UPGRADES	1/1/2012	12/31/2013	400	0	0	12	0	388	0	0	0	0	0	0
0	4 SUNNYSIDE AND MARYPORT SPS UPGRADES	1/1/2012	12/31/2014	1,000	0	0	0	0	1,000	0	0	0	0	0	0
0	6 SCOTT ST PS - SC	1/1/2012	1/1/2021	1,600	0	0	48	0	1,552	0	0	0	0	0	0
0	11 SUNNYSIDE AND MARYPORT SPS UPGRADES - SC	1/1/2012	12/31/2021	-650	0	0	0	0	-650	0	0	0	0	0	0
0	13 SPS UPGRADES - SC	1/1/2012	12/31/2021	-555	0	0	-17	0	-538	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>4,350</b>	<b>0</b>	<b>0</b>	<b>120</b>	<b>0</b>	<b>4,230</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS907555</u></b>	<b><u>DON &amp; WATERFRONT TRUNK CSO</u></b>													
0	1 DON & WATERFRONT TRUNK/CSO PKG 1 - DESIGN	1/1/2012	12/31/2021	500	0	0	50	0	450	0	0	0	0	0	0
	<b>Project Sub-total:</b>			<b>500</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>450</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>0</b>	<b><u>WAS907700</u></b>	<b><u>NORTH TORONTO WTP UPGRADES</u></b>													
0	1 NORTH TORONTO TREATMENT PLANT (NTPP) IMPROVEM	1/1/2012	12/31/2021	700	0	0	0	0	700	0	0	0	0	0	0

(Phase 2) 11-Wastewater Program Sub-Project Category: 01,02,03,04,05,06,07 Type: B Sub-Project Status: S5,S6 Type: C Sub-Project Status: S2,S3,S4



**CITY OF TORONTO**

**Appendix 5: 2012 Recommended Capital Projects with Financing Details  
Wastewater Program  
Sub-Project Summary**

Project/Financing Priority Project	Project Name	Start Date	Completion Date	2012	Financing												
				Cash Flow	Provincial Grants Subsidies	Federal Subsidy	Developmt Charges	Reserves	Reserve Funds	Capital From Current	Other 1	Other 2	Debt	Debt - Recoverable			
<b>0</b>	<b><u>WAS90770C</u></b>	<b><u>NORTH TORONTO WTP UPGRADES</u></b>															
0	2 NTPP-ELECTRICAL UPGRADES	1/1/2012	12/31/2018	250	0	0	0	0	250	0	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			950	0	0	0	0	950	0	0	0	0	0	0	0	0
<b>0</b>	<b><u>WASWP003</u></b>	<b><u>EMERY CREEK POND</u></b>															
0	1 EMERY CREEK POND	1/1/2010	12/31/2019	1,300	0	0	130	0	1,170	0	0	0	0	0	0	0	0
0	10 EMERY CREEK POND - SC	1/1/2010	12/31/2010	-1,272	0	0	-127	0	-1,145	0	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			28	0	0	3	0	25	0	0	0	0	0	0	0	0
<b>0</b>	<b><u>WASWP05C</u></b>	<b><u>EQUIPMENT REPLACEMENT &amp; REHABILITATION</u></b>															
0	26 REHAB OF SOUTH PRIMARY CLARIFIERS	1/1/2010	12/31/2014	3,275	0	0	0	0	3,275	0	0	0	0	0	0	0	0
0	27 HTP - MODS & RE-ROOFING DIGS #1-6	1/1/2010	12/31/2012	11	0	0	0	0	11	0	0	0	0	0	0	0	0
0	30 ABTP - DIG. TANKS #1-8 MODS.	1/1/2010	12/31/2013	20	0	0	0	0	20	0	0	0	0	0	0	0	0
0	35 MTI REAL TIME CONTROL	1/1/2010	12/31/2015	500	0	0	0	0	500	0	0	0	0	0	0	0	0
0	105 REHAB OF SOUTH PRIMARY CLARIFIERS - SC	1/1/2012	1/1/2021	-376	0	0	0	0	-376	0	0	0	0	0	0	0	0
0	107 ABTP - DIG. TANKS #1-8 MODS. - SC	1/1/2012	1/1/2021	10	0	0	0	0	10	0	0	0	0	0	0	0	0
0	108 MTI CHAMBER UPGRADES AND PCS - SC	1/1/2012	1/1/2021	251	0	0	0	0	251	0	0	0	0	0	0	0	0
1	78 North Primaries Pumping Equipment	1/1/2012	12/31/2015	745	0	0	0	0	745	0	0	0	0	0	0	0	0
	<b>Project Sub-total:</b>			4,436	0	0	0	0	4,436	0	0	0	0	0	0	0	0
<b>Program Total:</b>				338,676	0	0	4,690	0	333,986	0	0	0	0	0	0	0	0

<b>Status Code</b>	<b>Description</b>
S2	S2 Prior Year (With 2012 and/or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2012 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 2013 & Beyond)

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