

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2012 Recommended Cash Flow & Future Year Commitments

Wastewater Program

Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments						Current and Future Year Cash Flow Commitments Financed By													
						2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
WAS000007 ASHBRIDGES BAY WWTP REHAB																									
0	5	ELECTRICAL REHAB ENGINEERING	CW	S2	03	300	300	300	0	0	900	0	900	0	0	0	0	900	0	0	0	0	0	900	
0	17	STANDBY POWER GENERATION	CW	S2	01	4,250	4,250	3,730	5	0	12,235	0	12,235	0	0	278	0	11,957	0	0	0	0	0	12,235	
0	19	FERROUS UPGRADES	CW	S5	03	770	900	4,300	2,850	570	9,390	50	9,440	0	0	187	0	9,253	0	0	0	0	0	9,440	
0	30	ELECTRICAL REHAB	CW	S2	01	1,680	0	0	0	0	1,680	0	1,680	0	0	0	0	1,680	0	0	0	0	0	1,680	
0	38	Secondary Treatment Upgrades	CW	S2	03	2,950	250	1,750	1,520	20	6,490	0	6,490	0	0	0	0	6,490	0	0	0	0	0	6,490	
0	41	POLYMER UPGRADE	CW	S2	03	500	1,500	4,000	2,500	50	8,550	0	8,550	0	0	0	0	8,550	0	0	0	0	0	8,550	
0	45	MOBILE GENERATORS	CW	S2	04	25	25	0	0	0	50	0	50	0	0	0	0	50	0	0	0	0	0	50	
0	46	Rehab of Grounds and Buildings	CW	S2	03	1,500	536	0	0	0	2,036	0	2,036	0	0	0	0	2,036	0	0	0	0	0	2,036	
0	47	PT ENGINEERING DESIGN & CONTRACT ADMIN	CW	S2	03	3,902	1,500	1,000	600	150	7,152	299	7,451	0	0	184	0	7,267	0	0	0	0	0	7,451	
0	49	PROCESS UPGRADES AND ODOUR CONTROL ENGINEERING	CW	S2	04	1,860	1,105	1,431	150	37	4,583	0	4,583	0	0	108	0	4,475	0	0	0	0	0	4,583	
0	161	STANDBY POWER GENERATION - SC	CW	S3	01	-2,116	1,000	2,295	10	0	1,189	0	1,189	0	0	-1	0	1,190	0	0	0	0	0	1,189	
0	162	ELECTRICAL REHAB - SC	CW	S3	01	-1,080	500	2,500	500	0	2,420	0	2,420	0	0	0	0	2,420	0	0	0	0	0	2,420	
0	163	SECONDARY TREATMENT UPGRADES - SC	CW	S3	03	-2,510	-50	-1,550	-1,320	180	-5,250	0	-5,250	0	0	0	0	-5,250	0	0	0	0	0	-5,250	
0	166	REHAB OF GROUNDS & BUILDINGS - SC	CW	S3	03	-125	-495	5	5	0	-610	0	-610	0	0	0	0	-610	0	0	0	0	0	-610	
0	167	PT ENGINEERING DESIGN & CONTRACT ADMIN - SC	CW	S3	03	-2,174	1,648	500	290	195	459	100	559	0	0	-14	0	573	0	0	0	0	0	559	
0	168	PROCESS UPGRADES & ODOUR CONTROL ENGINEERING - SC	CW	S3	04	175	0	-531	400	50	94	0	94	0	0	4	0	90	0	0	0	0	0	94	
0	186	ELECTRICAL REHAB ENGINEERING - SC	CW	S3	03	0	0	-300	0	0	-300	0	-300	0	0	0	0	-300	0	0	0	0	0	-300	
Sub-total						9,907	12,969	19,430	7,510	1,252	51,068	449	51,517	0	0	746	0	50,771	0	0	0	0	0	51,517	
WAS000115 HUMBER T.P.																									
0	9	CO-GENERATION	CW	S2	04	200	200	0	0	0	400	0	400	0	0	0	0	400	0	0	0	0	0	400	
0	23	Sludge Thickening Building Upgrade	CW	S2	03	535	10	0	0	0	545	0	545	0	0	0	0	545	0	0	0	0	0	545	
0	50	SLUDGE THICKENING BLDG UPGRADE - SC	CW	S3	03	-500	0	0	0	0	-500	0	-500	0	0	0	0	-500	0	0	0	0	0	-500	
0	52	CO-GENERATION - SC	CW	S3	04	-200	-200	0	0	0	-400	0	-400	0	0	0	0	-400	0	0	0	0	0	-400	
Sub-total						35	10	0	0	0	45	0	45	0	0	0	0	45	0	0	0	0	0	45	

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

CITY OF TORONTO

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Wastewater Program

Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By												
						2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
<u>WAS906322 W&WW LABORATORIES</u>																									
0	4	New TW Laboratory	CW	S2	04	900	4,000	7,500	7,600	0	20,000	0	20,000	0	0	0	0	20,000	0	0	0	0	0	20,000	
0	9	Lab Equipment	CW	S2	03	50	50	0	0	0	100	0	100	0	0	0	0	100	0	0	0	0	0	100	
0	16	LAB & EMP FACILITIES - SC	CW	S3	04	-900	-4,000	-7,500	-7,600	0	-20,000	0	-20,000	0	0	0	0	-20,000	0	0	0	0	0	-20,000	
0	17	LAB EQUIPMENT - SC	CW	S3	03	25	20	70	70	0	185	0	185	0	0	0	0	185	0	0	0	0	0	185	
		Sub-total				75	70	70	70	0	285	0	285	0	0	0	0	285	0	0	0	0	0	285	
<u>WAS906328 SWM END OF PIPE FACILITIES</u>																									
0	8	COATSWORTH CUT DESIGN & CONSTRUCTION	CW	S2	04	800	7,000	5,000	25	0	12,825	0	12,825	0	0	603	0	12,222	0	0	0	0	0	12,825	
0	12	EARL BALES SWM FACILITY - PHASE 2	CW	S5	04	500	2,000	3,000	0	0	5,500	0	5,500	0	0	0	0	5,500	0	0	0	0	0	5,500	
0	13	SCARBOROUGH WATERFRONT CSO CONSTR	CW	S2	04	1,375	1,375	1,400	6,750	10,300	21,200	25,900	47,100	0	0	2,214	0	44,886	0	0	0	0	0	47,100	
0	18	BUDAPEST PARK CONSTRUCTION	CW	S4	03	1,500	0	0	0	0	1,500	0	1,500	0	0	0	0	1,500	0	0	0	0	0	1,500	
0	33	SCARBOROUGH WATERFRONT CSO CONSTR - SC	CW	S3	04	-1,375	-1,375	-1,400	-6,750	-10,300	-21,200	-25,900	-47,100	0	0	-2,214	0	-44,886	0	0	0	0	0	-47,100	
0	34	COATSWORTH CUT DESIGN & CONSTRUCTION - SC	CW	S3	04	-800	-7,000	-5,000	-25	0	-12,825	0	-12,825	0	0	-603	0	-12,222	0	0	0	0	0	-12,825	
0	35	EASTERN BEACHES WATER QUALITY IMPROVEMENTS	CW	S5	04	250	250	0	0	0	500	0	500	0	0	0	0	500	0	0	0	0	0	500	
0	37	Earl Bales SWM - Construction - SC	CW	S3	04	100	0	0	0	0	100	0	100	0	0	10	0	90	0	0	0	0	0	100	
		Sub-total				2,350	2,250	3,000	0	0	7,600	0	7,600	0	0	10	0	7,590	0	0	0	0	0	7,600	
<u>WAS906331 SWM SOURCE CONTROL PROG</u>																									
0	9	DOWNSPOUT DISCONNECTION PROGRAM - SC	CW	S3	04	475	575	350	300	300	2,000	550	2,550	0	0	145	0	2,405	0	0	0	0	0	2,550	
		Sub-total				475	575	350	300	300	2,000	550	2,550	0	0	145	0	2,405	0	0	0	0	0	2,550	
<u>WAS906380 HIGHLAND CREEK WWTP - ODOUR CONTROL</u>																									
0	1	ODOUR CONTROL UPGRADES - PHASE 1 ENG	CW	S2	04	600	500	461	209	150	1,920	110	2,030	0	0	40	0	1,990	0	0	0	0	0	2,030	
0	8	ODOUR CONTROL UPGRADES - PHASE 1 ENG - SC	CW	S3	04	310	264	149	301	80	1,104	200	1,304	0	0	26	0	1,278	0	0	0	0	0	1,304	
		Sub-total				910	764	610	510	230	3,024	310	3,334	0	0	66	0	3,268	0	0	0	0	0	3,334	
<u>WAS906486 ASHBRIDGES BAY T.P. - III YR2004</u>																									
0	3	PCS-PLANT SRVS	CW	S2	04	4,285	1,760	60	0	0	6,105	0	6,105	0	0	163	0	5,942	0	0	0	0	0	6,105	
0	4	LANDSCAPE SITE DESIGN	CW	S2	04	400	38	0	0	0	438	0	438	0	0	0	0	438	0	0	0	0	0	438	

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					2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
WAS906486 ASHBRIDGES BAY T.P. - III YR2004																							
0 5	WORK AREA 8 REHAB	CW	S2	03	80	50	150	150	0	430	0	430	0	0	0	0	430	0	0	0	0	0	430
0 32	PCS-PLANT SRVS - SC	CW	S3	04	254	-122	42	60	30	264	0	264	0	0	9	0	255	0	0	0	0	0	264
0 33	LANDSCAPE SITE DESIGN - SC	CW	S3	04	-400	-38	0	0	0	-438	800	362	0	0	0	0	362	0	0	0	0	0	362
0 34	Work Area 8 Rehab - SC	CW	S3	03	700	-50	-150	-150	0	350	0	350	0	0	0	0	350	0	0	0	0	0	350
Sub-total					5,319	1,638	102	60	30	7,149	800	7,949	0	0	172	0	7,777	0	0	0	0	0	7,949
WAS906487 HIGHLAND CREEK T.P. - IV YR2004																							
0 2	PCS PLANT SERVICES	CW	S2	04	324	38	0	10	0	372	0	372	0	0	7	0	365	0	0	0	0	0	372
0 15	PCS PLANT SERVICES - SC	CW	S3	04	-60	222	26	-10	0	178	0	178	0	0	4	0	174	0	0	0	0	0	178
Sub-total					264	260	26	0	0	550	0	550	0	0	11	0	539	0	0	0	0	0	550
WAS906488 HUMBER T.P. - II YR2004																							
0 2	PCS PLANT SERVICES	CW	S2	04	389	34	0	10	0	433	0	433	0	0	4	0	429	0	0	0	0	0	433
0 16	PCS PLANT SERVICES - SC	CW	S3	04	-85	272	33	-10	0	210	0	210	0	0	2	0	208	0	0	0	0	0	210
Sub-total					304	306	33	0	0	643	0	643	0	0	6	0	637	0	0	0	0	0	643
WAS906492 WET WEATHER FLOW MP																							
0 1	SWM INA-EA	CW	S2	04	864	760	825	825	0	3,274	0	3,274	0	0	200	0	3,074	0	0	0	0	0	3,274
0 2	WWFMP - PUBLIC EDUCATION	CW	S2	04	500	500	500	500	0	2,000	0	2,000	0	0	122	0	1,878	0	0	0	0	0	2,000
0 14	WWFMMP Implementation - Design & Contract Admin	CW	S2	04	245	150	3,000	3,000	0	6,395	0	6,395	0	0	314	0	6,081	0	0	0	0	0	6,395
0 15	WWF MONITORING STATIONS	CW	S2	04	150	150	150	250	0	700	0	700	0	0	0	0	700	0	0	0	0	0	700
0 27	SWM INA/EA - SC	CW	S3	04	81	-260	-325	-325	500	-329	0	-329	0	0	-10	0	-319	0	0	0	0	0	-329
0 28	WWFMP IMPLEMENTATION - DESIGN - SC	CW	S3	04	505	1,389	-2,000	-3,000	0	-3,106	0	-3,106	0	0	-119	0	-2,987	0	0	0	0	0	-3,106
0 29	WET WEATHER FLOW MONITORING STATIONS - SC	CW	S3	04	0	-150	-150	-250	250	-300	500	200	0	0	0	0	200	0	0	0	0	0	200
0 30	PUBLIC EDUCATION - SC	CW	S3	04	250	0	0	0	500	750	0	750	0	0	49	0	701	0	0	0	0	0	750
0 35	SWM CONVEYANCE 2012-2013	CW	S5	04	4,000	3,500	0	0	0	7,500	0	7,500	0	0	0	0	7,500	0	0	0	0	0	7,500
Sub-total					6,595	6,039	2,000	1,000	1,250	16,884	500	17,384	0	0	556	0	16,828	0	0	0	0	0	17,384
WAS906495 SEWER ASSET PLANNING																							

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						2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
WAS906964 CONVEYANCE CONTROLS - REPLC & REHAB																								
0	18	COATSWORTH CUT - PHASE 1 CONSTRUCTION - SC	CW	S3	04	10	7	0	0	0	17	0	17	0	0	0	0	17	0	0	0	0	0	17
Sub-total						10	7	0	0	0	17	0	17	0	0	0	0	17	0	0	0	0	0	17
WAS906966 SWM TRCA YR2006																								
0	12	TORONTO WATER TRANSFER TO TRCA CAPITAL - SC	CW	S3	04	3,735	0	0	0	0	3,735	0	3,735	0	0	0	0	3,735	0	0	0	0	0	3,735
Sub-total						3,735	0	0	0	0	3,735	0	3,735	0	0	0	0	3,735	0	0	0	0	0	3,735
WAS906968 ENGINEERING YR2006																								
0	2	CONSULTING FEES	CW	S2	03	2,000	2,000	2,000	2,000	0	8,000	0	8,000	0	0	0	0	8,000	0	0	0	0	0	8,000
0	31	ROAD RESTORATION - SC	CW	S3	03	2,500	0	0	0	0	2,500	0	2,500	0	0	0	0	2,500	0	0	0	0	0	2,500
0	32	TECH SERVICES PROGRAM ADMIN SALARIES - SC	CW	S3	03	1,729	0	0	0	0	1,729	0	1,729	0	0	0	0	1,729	0	0	0	0	0	1,729
0	33	CONSULTING FEES - SC	CW	S3	03	180	0	0	0	2,000	2,180	0	2,180	0	0	0	0	2,180	0	0	0	0	0	2,180
0	34	LINEAR INFRASTRUCTURE SALARIES - SC	CW	S3	03	4,605	0	0	0	0	4,605	0	4,605	0	0	0	0	4,605	0	0	0	0	0	4,605
0	35	MAJOR WORKS FACILITIES SALARIES - SC	CW	S3	03	3,997	0	0	0	0	3,997	0	3,997	0	0	0	0	3,997	0	0	0	0	0	3,997
0	36	SURVEY & MAPPING SALARIES - SC	CW	S3	03	3,955	0	0	0	0	3,955	0	3,955	0	0	0	0	3,955	0	0	0	0	0	3,955
Sub-total						18,966	2,000	2,000	2,000	2,000	26,966	0	26,966	0	0	0	0	26,966	0	0	0	0	0	26,966
WAS906973 SEWER REPLACEMENT PROGRAM																								
0	7	SEWER REPLACEMENT - 2009 PROGRAM	CW	S2	03	500	0	0	0	0	500	0	500	0	0	0	0	500	0	0	0	0	0	500
0	9	2010 SEWER REPLACEMENT PROGRAM	CW	S2	03	6,000	0	0	0	0	6,000	0	6,000	0	0	0	0	6,000	0	0	0	0	0	6,000
0	13	SEWER REPLACEMENT - 2011 PROGRAM	CW	S2	03	7,000	1,000	0	0	0	8,000	0	8,000	0	0	0	0	8,000	0	0	0	0	0	8,000
0	14	VALLEYMEDE/RIVERSIDE/HANLON POINT SPS REPAIRS	CW	S2	03	1,382	250	233	0	0	1,865	0	1,865	0	0	0	0	1,865	0	0	0	0	0	1,865
0	17	SEWER REPLACEMENT - 2009 PROGRAM - SC	CW	S3	03	-500	0	0	0	0	-500	0	-500	0	0	0	0	-500	0	0	0	0	0	-500
0	18	SEWER REPLACEMENT - 2010 PROGRAM - SC	CW	S3	03	-3,200	0	0	0	0	-3,200	0	-3,200	0	0	0	0	-3,200	0	0	0	0	0	-3,200
0	25	SEWER REPLACEMENT 2012	CW	S5	03	12,000	8,000	0	0	0	20,000	0	20,000	0	0	0	0	20,000	0	0	0	0	0	20,000
0	26	SEWAGE FORCEMAIN REPLACEMENT - SC	CW	S3	03	1,868	1,292	17	233	0	3,410	0	3,410	0	0	0	0	3,410	0	0	0	0	0	3,410
0	28	COXWELL TRUNK EMERGENCY REPAIR - SC	CW	S3	03	2,330	10	0	0	0	2,340	0	2,340	0	0	0	0	2,340	0	0	0	0	0	2,340
0	30	SEWER REPLACEMENT - 2011 PROGRAM - SC	CW	S3	03	-6,024	-1,000	0	0	0	-7,024	0	-7,024	0	0	0	0	-7,024	0	0	0	0	0	-7,024

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WAS906973 SEWER REPLACEMENT PROGRAM																							
0	32	TPA Sanitary Force mains	CW	S5	03	1,000	1,000	0	0	0	2,000	0	2,000	0	0	0	0	2,000	0	0	0	0	2,000
Sub-total						22,356	10,552	250	233	0	33,391	0	33,391	0	0	0	0	33,391	0	0	0	0	33,391
WAS906980 ASHBRIDGES BAY T.P. YR2006																							
0	8	MEDIATION AGREEMENT IMPLEMENTATION - PART 2	CW	S2	04	25	25	25	25	0	100	0	100	0	0	0	0	100	0	0	0	0	100
0	9	DEWATERING EQUIPMENT UPGRADES	CW	S2	03	7,600	6,400	5,000	4,400	0	23,400	0	23,400	0	0	525	0	22,875	0	0	0	0	23,400
0	26	DEWATERING EQUIPMENT UPGRADES - SC	CW	S3	03	1,000	1,050	-1,877	-4,390	10	-4,207	0	-4,207	0	0	-68	0	-4,139	0	0	0	0	-4,207
Sub-total						8,625	7,475	3,148	35	10	19,293	0	19,293	0	0	457	0	18,836	0	0	0	0	19,293
WAS906981 HIGHLAND CREEK WWTP UPGRADES																							
0	1	PROCESS & FACILITY UPGRADE	CW	S2	04	500	500	500	500	0	2,000	0	2,000	0	0	0	0	2,000	0	0	0	0	2,000
0	3	BIOSOLIDS TREATMENT UPGRADES	CW	S2	03	10,343	15,308	20,308	28,010	10,025	83,994	25	84,019	0	0	0	0	84,019	0	0	0	0	84,019
0	5	TRANSFORMERS AND SWITCHGEAR	CW	S2	05	0	200	1,250	1,690	800	3,940	0	3,940	0	0	0	0	3,940	0	0	0	0	3,940
0	7	MECH & ELECTRICAL UPGRADE ENGINEERING	CW	S2	03	1,367	2,054	300	300	0	4,021	0	4,021	0	0	0	0	4,021	0	0	0	0	4,021
0	8	DIGESTER GAS SYSTEM UPGRADES	CW	S2	03	1,550	4,180	2,550	500	0	8,780	0	8,780	0	0	0	0	8,780	0	0	0	0	8,780
0	16	MECH SYSTEMS UPGRADES - CONSTR	CW	S2	03	3,000	3,000	1,900	0	0	7,900	0	7,900	0	0	0	0	7,900	0	0	0	0	7,900
0	23	ELECTRICAL CONDITION ASSESSMENT RECOMMENDATIONS	CW	S5	03	1,572	1,572	4,858	4,858	4,858	17,718	0	17,718	0	0	0	0	17,718	0	0	0	0	17,718
0	31	ELEC SYSTEM UPGRADES - CONSTR	CW	S2	03	4,000	4,000	3,000	0	0	11,000	0	11,000	0	0	0	0	11,000	0	0	0	0	11,000
0	32	CEPA COMPLIANCE -HCTP	CW	S2	02	11	0	0	0	0	11	0	11	0	0	0	0	11	0	0	0	0	11
0	42	PROCESS & FACILITY UPGRADE - SC	CW	S3	04	2,285	1,050	2,100	3,600	2,060	11,095	10	11,105	0	0	0	0	11,105	0	0	0	0	11,105
0	44	BIOSOLIDS TREATMENT UPGRADES - SC	CW	S3	03	-7,528	-2,950	-2,900	-7,402	-1,625	-22,405	2,126	-20,279	0	0	0	0	-20,279	0	0	0	0	-20,279
0	45	ELEC SYSTEM UPGRADES - CONSTR - SC	CW	S3	03	-428	1,000	2,500	0	0	3,072	0	3,072	0	0	0	0	3,072	0	0	0	0	3,072
0	46	CEPA COMPLIANCE - CL NOTICE - HCTP - SC	CW	S3	02	31	0	0	0	0	31	0	31	0	0	0	0	31	0	0	0	0	31
0	47	TRANSFORMERS AND SWITCHGEAR - SC	CW	S3	05	0	-200	-250	-440	890	0	1,200	1,200	0	0	0	0	1,200	0	0	0	0	1,200
0	48	MECH & ELECTRICAL UPGRADE ENGINEERING - SC	CW	S3	03	-127	-535	1,257	57	0	652	0	652	0	0	0	0	652	0	0	0	0	652
0	55	MECH SYSTEMS UPGRADES - CONSTR - SC	CW	S3	03	1,000	2,000	1,100	0	0	4,100	0	4,100	0	0	0	0	4,100	0	0	0	0	4,100

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2012 Recommended Cash Flow & Future Year Commitments

Wastewater Program

Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By											
						2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
WAS907038 Land Acquisition for Source Water Protect																								
0	3	EROSION PROTECTION & LAND ACQUISITION	CW	S2	04	2,500	2,500	2,500	2,500	2,500	12,500	4,000	16,500	0	0	0	0	16,500	0	0	0	0	0	16,500
0	7	EROSION PROTECTION & LAND ACQUISITION - SC	CW	S3	04	-500	-1,000	-500	-500	-2,500	-5,000	-4,000	-9,000	0	0	0	0	-9,000	0	0	0	0	0	-9,000
Sub-total						2,000	1,500	2,000	2,000	0	7,500	0	7,500	0	0	0	0	7,500	0	0	0	0	0	7,500
WAS907097 ASHBRIDGES BAY WWTP - BUILDING SERVIC																								
0	7	CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEMENT	32	S2	02	370	370	370	370	0	1,480	0	1,480	0	0	0	0	1,480	0	0	0	0	0	1,480
0	14	GROVE LANDSCAPING PHASE 1	32	S2	04	2,500	2,500	0	0	0	5,000	0	5,000	0	0	0	0	5,000	0	0	0	0	0	5,000
0	18	DIGESTER HEAT RECOVERY PROJECT	CW	S2	04	100	1,220	20	0	0	1,340	0	1,340	0	0	0	0	1,340	0	0	0	0	0	1,340
0	19	CITY IMPROVEMENTS RE: TH COGEN	CW	S2	04	500	900	1,900	2,500	2,200	8,000	100	8,100	0	0	0	0	8,100	0	0	0	0	0	8,100
0	20	FACILITY AND STRUCTURE REHAB	CW	S2	03	1,140	740	2,340	1,340	1,540	7,100	4,700	11,800	0	0	0	0	11,800	0	0	0	0	0	11,800
0	21	BLOWER BLDG AND OLD NORTH SUBSTAION IMPROVEMENTS	CW	S2	04	700	600	2,100	2,100	20	5,520	20	5,540	0	0	0	0	5,540	0	0	0	0	0	5,540
0	28	GROVE LANDSCAPING PHASE 1 - SC	CW	S3	04	-2,500	-2,500	0	0	0	-5,000	0	-5,000	0	0	0	0	-5,000	0	0	0	0	0	-5,000
0	29	DIGESTER HEAT RECOVERY PROJECT - SC	CW	S3	04	-100	-1,220	-20	0	0	-1,340	0	-1,340	0	0	0	0	-1,340	0	0	0	0	0	-1,340
0	30	CITY IMPROVEMENTS RE: TH COGEN - SC	CW	S3	03	-350	0	-600	0	0	-950	950	0	0	0	0	0	0	0	0	0	0	0	0
0	31	FACILITY REHAB - SC	CW	S3	03	-400	-340	-1,840	-840	-1,040	-4,460	-4,700	-9,160	0	0	0	0	-9,160	0	0	0	0	0	-9,160
0	32	ADMIN & BLOWER BLDG IMPROVEMENTS - SC	CW	S3	04	-700	-280	-150	-1,035	-10	-2,175	0	-2,175	0	0	0	0	-2,175	0	0	0	0	0	-2,175
0	33	CONTROLLED SUBSTANCE IDENTIFICATION AND ABATEMENT	CW	S3	02	-100	-100	-100	-100	0	-400	0	-400	0	0	0	0	-400	0	0	0	0	0	-400
Sub-total						1,160	1,890	4,020	4,335	2,710	14,115	1,070	15,185	0	0	0	0	15,185	0	0	0	0	0	15,185
WAS907098 ASHBRIDGES BAY WWTP - EFFLUENT SYSTE																								
0	1	ABTP DISINFECTION ENGINEERING	CW	S2	02	1,500	2,600	3,000	3,000	2,075	12,175	3,200	15,375	0	0	305	0	15,070	0	0	0	0	0	15,375
0	11	OUTFALL AND DISINFECTION UPGRADES ENGINEERING - SC	CW	S3	02	-840	-1,100	1,000	500	925	485	4,140	4,625	0	0	77	0	4,548	0	0	0	0	0	4,625
0	13	ABTP OUTFALL ASSESSMENT	CW	S5	02	1,000	1,650	0	0	0	2,650	0	2,650	0	0	61	0	2,589	0	0	0	0	0	2,650
Sub-total						1,660	3,150	4,000	3,500	3,000	15,310	7,340	22,650	0	0	443	0	22,207	0	0	0	0	0	22,650
WAS907099 ASHBRIDGES BAY WWTP - LIQUID TREATMEI																								
0	3	PRIMARY TREATMENT UPGRADE CONT #1	CW	S2	03	3,200	10,000	20,000	20,000	29,500	82,700	0	82,700	0	0	1,591	0	81,109	0	0	0	0	0	82,700
0	6	M & T PUMPING STATION REBUILD	CW	S5	03	500	1,000	7,500	24,500	0	33,500	0	33,500	0	0	0	0	33,500	0	0	0	0	0	33,500

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2012 Recommended Cash Flow & Future Year Commitments

Wastewater Program

Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By												
						2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
WAS907101 ASHBRIDGES BAY WWTP - O&M UPGRADES																									
0	7	MISC MECH REHAB	CW	S2	03	3,350	5,500	4,500	1,000	0	14,350	0	14,350	0	0	0	0	14,350	0	0	0	0	0	14,350	
0	10	PROCESS & EQUIP UPGRADES - SC	CW	S3	03	-275	-300	-1,741	-1,300	200	-3,416	0	-3,416	0	0	0	0	-3,416	0	0	0	0	0	-3,416	
0	11	MISC MECH REHAB - SC	CW	S3	03	-1,500	-1,600	2,500	1,000	0	400	0	400	0	0	0	0	400	0	0	0	0	0	400	
Sub-total						4,665	6,537	9,531	2,200	200	23,133	0	23,133	0	0	0	0	23,133	0	0	0	0	0	23,133	
WAS907102 ASHBRIDGES BAY WWTP - ODOUR CONTROL																									
0	6	BIOFILTERS UPGRADE	CW	S5	03	600	3,300	10,400	100	0	14,400	0	14,400	0	0	278	0	14,122	0	0	0	0	0	14,400	
0	12	EMISSION AIR TREATMENT UPGRADE	CW	S2	04	9,000	0	0	0	0	9,000	0	9,000	0	0	270	0	8,730	0	0	0	0	0	9,000	
0	13	D BUILDING TREATMENT & BIOFILTER	CW	S2	03	25,000	19,000	5,000	0	0	49,000	0	49,000	0	0	1,201	0	47,799	0	0	0	0	0	49,000	
0	20	EMISSION AIR TREATMENT UPGRADE - SC	CW	S3	04	1,000	5,000	0	0	0	6,000	0	6,000	0	0	124	0	5,876	0	0	0	0	0	6,000	
0	21	D BUILDING TREATMENT & BIOFILTER - SC	CW	S3	03	3,572	-12,327	-5,000	0	0	-13,755	0	-13,755	0	0	-219	0	-13,536	0	0	0	0	0	-13,755	
Sub-total						39,172	14,973	10,400	100	0	64,645	0	64,645	0	0	1,654	0	62,991	0	0	0	0	0	64,645	
WAS907104 HUMBER WWTP - LIQUID TREATMENT & HAN																									
0	2	SECONDARY TREATMENT UPGRADES	CW	S2	03	3,207	13,200	24,200	26,000	30,000	96,607	128,225	224,832	0	0	2,114	0	222,718	0	0	0	0	0	224,832	
0	12	SECONDARY TREATMENT UPGRADES - SC	CW	S3	03	-561	-3,404	-18,454	16,109	12,109	5,799	622	6,421	0	0	60	0	6,361	0	0	0	0	0	6,421	
Sub-total						2,646	9,796	5,746	42,109	42,109	102,406	128,847	231,253	0	0	2,174	0	229,079	0	0	0	0	0	0	231,253
WAS907105 HUMBER WWTP - O&M UPGRADES																									
0	1	Digester 7 & 8 Upgrades & Cogen Upgrades	CW	S2	03	3,900	3,804	1,700	0	1,456	10,860	1,456	12,316	0	0	0	0	12,316	0	0	0	0	0	12,316	
0	2	LIQUID STREAM UPGRADES	CW	S2	03	2,564	0	0	0	0	2,564	0	2,564	0	0	26	0	2,538	0	0	0	0	0	2,564	
0	11	DIGESTER CLEANING & UPGRADES	CW	S2	03	400	500	0	0	0	900	0	900	0	0	0	0	900	0	0	0	0	0	900	
0	15	GAS COMPRESSOR SYSTEM UPGRADES - SC	CW	S3	03	-1,368	-804	1,850	2,850	194	2,722	-75	2,647	0	0	0	0	2,647	0	0	0	0	0	2,647	
0	16	DIGESTER CLEANING & UPGRADES - SC	CW	S3	03	-200	-250	0	0	0	-450	0	-450	0	0	0	0	-450	0	0	0	0	0	-450	
0	17	LIQUID STREAM UPGRADES - SC	CW	S3	03	-1,019	550	0	0	0	-469	0	-469	0	0	-5	0	-464	0	0	0	0	0	-469	
Sub-total						4,277	3,800	3,550	2,850	1,650	16,127	1,381	17,508	0	0	21	0	17,487	0	0	0	0	0	0	17,508
WAS907106 HUMBER WWTP - ODOUR CONTROL																									
0	1	Odour Control Implementation Phase 1	CW	S2	02	2,050	5,000	12,000	12,950	0	32,000	0	32,000	0	0	303	0	31,697	0	0	0	0	0	32,000	

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2012 Recommended Cash Flow & Future Year Commitments

Wastewater Program

Sub- Project No. Project Name PrioritySubProj No. Sub-project Name Ward Stat. Cat.						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By												
						2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
WAS907106 HUMBER WWTP - ODOUR CONTROL																									
0	7	ODOUR CONTROL IMPLEMENTATION - PHASE 1 - SC	CW	S3	02	-250	0	-2,000	-2,950	10,000	4,800	15,000	19,800	0	0	185	0	19,615	0	0	0	0	0	19,800	
Sub-total						1,800	5,000	10,000	10,000	10,000	36,800	15,000	51,800	0	0	488	0	51,312	0	0	0	0	0	51,800	
WAS907224 SEWAGE PUMPING STATION UPGRADES																									
0	1	GROUPS 4, 6, 7; CUMBER SPS; RIVERSIDE; FORCEMAIN A	CW	S2	03	2,555	1,847	4,700	6,400	3,000	18,502	12,000	30,502	0	0	1,064	0	29,438	0	0	0	0	0	30,502	
0	2	SCOTT STREET PS UPGRADES	CW	S2	05	400	0	0	0	0	400	0	400	0	0	12	0	388	0	0	0	0	0	400	
0	4	SUNNYSIDE AND MARYPORT SPS UPGRADES	CW	S2	03	1,000	50	0	0	0	1,050	0	1,050	0	0	0	0	1,050	0	0	0	0	0	1,050	
0	6	SCOTT ST PS - SC	CW	S3	05	1,600	2,000	0	0	0	3,600	0	3,600	0	0	145	0	3,455	0	0	0	0	0	3,600	
0	11	SUNNYSIDE AND MARYPORT SPS UPGRADES - SC	CW	S3	03	-650	900	50	0	0	300	0	300	0	0	0	0	300	0	0	0	0	0	300	
0	13	SPS UPGRADES - SC	CW	S3	03	-555	653	-1,700	-3,400	1,000	-4,002	-5,500	-9,502	0	0	-333	0	-9,169	0	0	0	0	0	-9,502	
Sub-total						4,350	5,450	3,050	3,000	4,000	19,850	6,500	26,350	0	0	888	0	25,462	0	0	0	0	0	26,350	
WAS907559 DON & WATERFRONT TRUNK CSO																									
0	1	DON & WATERFRONT TRUNK/CSO PKG 1 - DESIGN	CW	S5	04	500	2,000	3,500	3,500	3,500	13,000	9,400	22,400	0	0	1,081	0	21,319	0	0	0	0	0	22,400	
Sub-total						500	2,000	3,500	3,500	3,500	13,000	9,400	22,400	0	0	1,081	0	21,319	0	0	0	0	0	0	22,400
WAS907700 NORTH TORONTO WTP UPGRADES																									
0	1	NORTH TORONTO TREATMENT PLANT (NTP) IMPROVEMENTS	CW	S5	03	700	200	200	0	0	1,100	0	1,100	0	0	0	0	1,100	0	0	0	0	0	1,100	
0	2	NTP-ELECTRICAL UPGRADES	CW	S5	01	250	200	1,450	1,450	0	3,350	300	3,650	0	0	0	0	3,650	0	0	0	0	0	3,650	
Sub-total						950	400	1,650	1,450	0	4,450	300	4,750	0	0	0	0	4,750	0	0	0	0	0	0	4,750
WASWP003 EMERY CREEK POND																									
0	1	EMERY CREEK POND	CW	S2	04	1,300	5,128	1,100	0	0	7,528	0	7,528	0	0	423	0	7,105	0	0	0	0	0	7,528	
0	10	EMERY CREEK POND - SC	CW	S3	04	-1,272	-5,128	550	2,550	550	-2,750	0	-2,750	0	0	-196	0	-2,554	0	0	0	0	0	-2,750	
Sub-total						28	0	1,650	2,550	550	4,778	0	4,778	0	0	227	0	4,551	0	0	0	0	0	0	4,778
WASWP050 EQUIPMENT REPLACEMENT & REHABILITATION																									
0	26	REHAB OF SOUTH PRIMARY CLARIFIERS	CW	S2	03	3,275	18	18	0	0	3,311	0	3,311	0	0	0	0	3,311	0	0	0	0	0	3,311	
0	27	HTP - MODS & RE-ROOFING DIGS #1-6	CW	S2	03	11	0	0	0	0	11	0	11	0	0	0	0	11	0	0	0	0	0	11	
0	30	ABTP - DIG. TANKS #1-8 MODS.	CW	S2	03	20	10	0	0	0	30	0	30	0	0	0	0	30	0	0	0	0	0	30	

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

CITY OF TORONTO

Gross Expenditures (\$000's)

Appendix 4: 2012 Recommended Cash Flow & Future Year Commitments

Wastewater Program

Sub- Project No. Project Name Priority SubProj No. Sub-project Name Ward Stat. Cat.	Current and Future Year Cash Flow Commitments and Estimates						Current and Future Year Cash Flow Commitments and Estimates Financed By										
	2012	2013	2014	2015	2016	Total 2012-2016	Total 2017-2021	Total 2012-2021	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserve Reserves	Capital from Current Funds	Other 1	Other2	Debt - Recoverable Debt	Total Financing
Financed By:																	
Development Charges	4,690	2,933	2,599	2,324	1,837	14,383	2,479	16,862	0	0	16,862	0	0	0	0	0	16,862
Reserve Funds (Ind."XR" Ref.)	333,986	317,829	252,026	237,582	144,885	1,286,308	204,541	1,490,849	0	0	0	0	1,490,849	0	0	0	1,490,849
Total Program Financing	338,676	320,762	254,625	239,906	146,722	1,300,691	207,020	1,507,711	0	0	16,862	0	1,490,849	0	0	0	1,507,711

Status Code	Description
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)

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