

CITY OF TORONTO
PRELIMINARY DRAFT DEVELOPMENT-RELATED CAPITAL PROGRAM
SANITARY & STORM

Project Description	Timing	Gross Project Cost	Grants/ Subsidies/Other Recoveries	Net Cost	Ineligible Costs			Total Development Related Costs	Recovery Period
					Replacement & BTE Shares	Replacement & BTE Shares	0% Reduction		
3.0 SANITARY SEWER & STORM									
3.1 Prior Projects Forthcoming									
3.2 Plant									
3.2.1 ABTP ABTP - DIG. TANKS #1-8 MODS.	2018 - 2018	\$ 1,000	\$ -	\$ 1,000	85%	\$ 852	\$ -	\$ 148	2041
3.2.2 ABTP STANDBY POWER GENERATION	2018 - 2018	\$ 20,000	\$ -	\$ 20,000	85%	\$ 17,041	\$ -	\$ 2,959	2041
3.2.3 ABTP P BLDG HEADWORKS - ENGINEERING DESIGN & CONTRACT ADMIN	2018 - 2021	\$ 5,870,524	\$ -	\$ 5,870,524	85%	\$ 5,001,901	\$ -	\$ 868,623	2041
3.2.4 ABTP PROCESS UPGRADES & ODOUR CONTROL ENGINEERING	2018 - 2019	\$ 273,000	\$ -	\$ 273,000	85%	\$ 232,606	\$ -	\$ 40,394	2041
3.2.5 ABTP FERROUS UPGRADES	2018 - 2020	\$ 29,973,000	\$ -	\$ 29,973,000	85%	\$ 25,538,089	\$ -	\$ 4,434,911	2041
3.2.6 ABTP PCS-PLANT SRVS	2018 - 2018	\$ 60,000	\$ -	\$ 60,000	85%	\$ 51,122	\$ -	\$ 8,878	2041
3.2.7 ABTP MISC MECH ENGINEERING	2018 - 2020	\$ 1,691,132	\$ -	\$ 1,691,132	85%	\$ 1,440,906	\$ -	\$ 250,226	2041
3.2.8 ABTP MEDIATION AGREEMENT IMPLEMENTATION	2018 - 2018	\$ 1,420	\$ -	\$ 1,420	85%	\$ 1,210	\$ -	\$ 210	2041
3.2.9 ABTP DEWATERING EQUIPMENT UPGRADES	2018 - 2019	\$ 527,486	\$ -	\$ 527,486	85%	\$ 449,437	\$ -	\$ 78,049	2041
3.2.10 ABTP DISINFECTION ENGINEERING	2018 - 2024	\$ 10,901,000	\$ -	\$ 10,901,000	85%	\$ 9,288,050	\$ -	\$ 1,612,950	2041
3.2.11 ABTP DISINFECTION SYSTEM CONSTRUCTION	2018 - 2022	\$ 281,505,000	\$ -	\$ 281,505,000	85%	\$ 239,852,528	\$ -	\$ 41,652,472	2041
3.2.12 ABTP OUTFALL ASSESSMENT	2018 - 2019	\$ 72,000	\$ -	\$ 72,000	85%	\$ 61,347	\$ -	\$ 10,653	2041
3.2.13 ABTP OUTFALL ENGINEERING	2018 - 2026	\$ 31,337,000	\$ -	\$ 31,337,000	85%	\$ 26,700,267	\$ -	\$ 4,636,733	2041
3.2.14 ABTP OUTFALL - SITE PREP	2018 - 2018	\$ 500,000	\$ -	\$ 500,000	85%	\$ 426,018	\$ -	\$ 73,982	2041
3.2.15 ABTP OUTFALL CONSTRUCTION	2018 - 2025	\$ 327,000,000	\$ -	\$ 327,000,000	85%	\$ 278,615,927	\$ -	\$ 48,384,073	2041
3.2.16 ABTP FINE BUBBLE AERATION - TANK #2	2018 - 2019	\$ 456,000	\$ -	\$ 456,000	85%	\$ 388,529	\$ -	\$ 67,471	2041
3.2.17 ABTP INTEGRATED PUMPING STATION (IPS) - ENGINEERING	2018 - 2027	\$ 50,565,000	\$ -	\$ 50,565,000	85%	\$ 43,083,224	\$ -	\$ 7,481,776	2041
3.2.18 ABTP P BLDG HEADWORKS UPGRADE	2018 - 2019	\$ 40,215,404	\$ -	\$ 40,215,404	85%	\$ 34,264,991	\$ -	\$ 5,950,413	2041
3.2.19 ABTP INTEGRATED PUMPING STATION (IPS) - CONSTRUCTION	2018 - 2026	\$ 388,175,000	\$ -	\$ 388,175,000	85%	\$ 330,739,259	\$ -	\$ 57,435,741	2041
3.2.20 ABTP Primary and Final Tank Upgrades	2018 - 2018	\$ 42,000	\$ -	\$ 42,000	85%	\$ 35,786	\$ -	\$ 6,214	2041
3.2.21 ABTP FINE BUBBLE AERATION - ENGINEERING	2018 - 2041	\$ 18,750,000	\$ -	\$ 18,750,000	85%	\$ 15,975,684	\$ -	\$ 2,774,316	2041
3.2.22 ABTP FINE BUBBLE AERATION - CONSTRUCTION	2025 - 2041	\$ 75,000,000	\$ -	\$ 75,000,000	85%	\$ 63,902,736	\$ -	\$ 11,097,264	2041
3.2.23 ABTP AERATION TANK 12 & 13	2019 - 2027	\$ 157,150,000	\$ -	\$ 157,150,000	0%	\$ -	\$ -	\$ 157,150,000	2041
3.2.24 ABTP ODOUR CONTROL - PRIMARY TANKS 7-9 UPGRADES	2024 - 2027	\$ 61,100,000	\$ -	\$ 61,100,000	85%	\$ 52,059,429	\$ -	\$ 9,040,571	2041
3.2.25 ABTP D BUILDING TREATMENT & BIOFILTER	2018 - 2019	\$ 1,539,686	\$ -	\$ 1,539,686	85%	\$ 1,311,869	\$ -	\$ 227,817	2041
3.2.26 ABTP BIOFILTERS UPGRADE & REPLACEMENT	2018 - 2021	\$ 16,537,000	\$ -	\$ 16,537,000	85%	\$ 14,090,127	\$ -	\$ 2,446,873	2041
3.2.27 ABTP DIGESTERS 9-12 REFURBISH	2018 - 2023	\$ 46,922,000	\$ -	\$ 46,922,000	85%	\$ 39,979,256	\$ -	\$ 6,942,744	2041
3.2.28 ABTP WASTE ACTIVATED SLUDGE UPGRADE - ENGINEERING	2018 - 2025	\$ 13,266,299	\$ -	\$ 13,266,299	85%	\$ 11,303,371	\$ -	\$ 1,962,928	2041
3.2.29 ABTP WASTE ACTIVATED SLUDGE UPGRADE - CONSTRUCTION	2018 - 2023	\$ 161,323,000	\$ -	\$ 161,323,000	85%	\$ 137,453,080	\$ -	\$ 23,869,920	2041
3.2.30 HTP PCS PLANT SERVICES	2018 - 2018	\$ 6,000	\$ -	\$ 6,000	85%	\$ 5,112	\$ -	\$ 888	2041
3.2.31 HTP LIQUID STREAM UPGRADES	2018 - 2019	\$ 477,264	\$ -	\$ 477,264	85%	\$ 406,646	\$ -	\$ 70,618	2041
3.2.32 HTP ODOUR CONTROL IMPLEMENTATION - PHASE 1	2018 - 2019	\$ 13,212,000	\$ -	\$ 13,212,000	85%	\$ 11,257,106	\$ -	\$ 1,954,894	2041
3.2.33 HTP SECONDARY TREATMENT UPGRADES - SOUTH - ENGINEERING	2018 - 2027	\$ 25,437,000	\$ -	\$ 25,437,000	85%	\$ 21,673,252	\$ -	\$ 3,763,748	2041
3.2.34 HTP SECONDARY TREATMENT UPGRADES - SOUTH - CONSTRUCTION	2018 - 2024	\$ 164,120,000	\$ -	\$ 164,120,000	85%	\$ 139,836,226	\$ -	\$ 24,283,774	2041
3.2.35 HTP SECONDARY TREATMENT UPGRADES - NORTH PLANT	2021 - 2041	\$ 135,500,000	\$ -	\$ 135,500,000	85%	\$ 115,450,942	\$ -	\$ 20,049,058	2041
3.2.36 HCTP WAS THICKENING AND DEWATERING - ENG	2018 - 2018	\$ 40,595	\$ -	\$ 40,595	85%	\$ 34,588	\$ -	\$ 6,007	2041
3.2.37 HCTP BIOSOLIDS TREATMENT UPGRADES	2018 - 2020	\$ 8,580,214	\$ -	\$ 8,580,214	85%	\$ 7,310,655	\$ -	\$ 1,269,559	2041
3.2.38 HCTP TRANSFORMERS AND SWITCHGEAR	2018 - 2021	\$ 1,510,000	\$ -	\$ 1,510,000	85%	\$ 1,286,575	\$ -	\$ 223,425	2041
3.2.39 HCTP ODOUR CONTROL UPGRADES - PHASE 1 ENG	2018 - 2023	\$ 2,322,672	\$ -	\$ 2,322,672	85%	\$ 1,979,001	\$ -	\$ 343,671	2041
3.2.40 HCTP ODOUR CONTROL UPGRADES - PHASE 1 CONSTR	2018 - 2020	\$ 28,196,000	\$ -	\$ 28,196,000	85%	\$ 24,024,020	\$ -	\$ 4,171,980	2041
3.2.41 HCTP ODOUR CONTROL UPGRADES - PHASE 2	2023 - 2041	\$ 35,100,000	\$ -	\$ 35,100,000	85%	\$ 29,906,480	\$ -	\$ 5,193,520	2041
3.2.42 HCTP WAS THICKENING - CONSTR	2018 - 2018	\$ 545,000	\$ -	\$ 545,000	85%	\$ 464,360	\$ -	\$ 80,640	2041
3.2.43 HCTP BMP IMPLEMENTATION & ENHANCEMENTS - ENGINEERING	2018 - 2027	\$ 18,750,000	\$ -	\$ 18,750,000	85%	\$ 15,975,684	\$ -	\$ 2,774,316	2041
3.2.44 HCTP BMP IMPLEMENTATION - CONSTRUCTION	2018 - 2026	\$ 107,000,000	\$ -	\$ 107,000,000	85%	\$ 91,167,903	\$ -	\$ 15,832,097	2041
3.2.45 HCTP BMP IMPLEMENTATION ENHANCEMENTS - CONSTRUCTION	2023 - 2026	\$ 22,000,000	\$ -	\$ 22,000,000	85%	\$ 18,744,802	\$ -	\$ 3,255,198	2041
Subtotal Plant		\$2,283,570,695	\$0	\$2,283,570,695		\$1,811,787,995	\$0	\$471,782,701	

CITY OF TORONTO
PRELIMINARY DRAFT DEVELOPMENT-RELATED CAPITAL PROGRAM
SANITARY & STORM

Project Description	Timing	Gross Project Cost	Grants/ Subsidies/Other Recoveries	Net Cost	Ineligible Costs			Total Development Related Costs	Recovery Period
					Replacement & BTE Shares	Replacement & BTE Shares	0% Reduction		
3.3 Pumping Stations									
3.3.1 GROUP 1 SEWAGE PUMPING STATION UPGRADES	2018 - 2020	\$ 73,000	\$ -	\$ 73,000	85%	\$ 62,199	\$ -	\$ 10,801	2041
3.3.2 GROUPS 2, 3 & 4 SEWAGE PUMPING STATION UPGRADES	2018 - 2018	\$ 42,000	\$ -	\$ 42,000	85%	\$ 35,786	\$ -	\$ 6,214	2041
3.3.3 SPS SCADA UPGRADES - ENGINEERING	2018 - 2019	\$ 1,096,000	\$ -	\$ 1,096,000	85%	\$ 933,832	\$ -	\$ 162,168	2041
3.3.4 SEWAGE PUMPING STATION STANDBY POWER	2018 - 2019	\$ 135,003	\$ -	\$ 135,003	85%	\$ 115,027	\$ -	\$ 19,976	2041
3.3.5 GROUP 5 SEWAGE PUMPING STATION UPGRADES	2018 - 2021	\$ 18,773,000	\$ -	\$ 18,773,000	85%	\$ 15,995,281	\$ -	\$ 2,777,719	2041
3.3.6 SUNNYSIDE SPS REHAB	2018 - 2018	\$ 293,882	\$ -	\$ 293,882	85%	\$ 250,398	\$ -	\$ 43,484	2041
3.3.7 SUNNYSIDE SPS - WETWELL	2020 - 2023	\$ 2,500,000	\$ -	\$ 2,500,000	85%	\$ 2,130,091	\$ -	\$ 369,909	2041
3.3.8 SPS UPGRADES	2018 - 2020	\$ 7,042,000	\$ -	\$ 7,042,000	85%	\$ 6,000,041	\$ -	\$ 1,041,959	2041
3.3.9 SPS UPGRADES - GROUP 6	2018 - 2024	\$ 23,217,368	\$ -	\$ 23,217,368	85%	\$ 19,782,044	\$ -	\$ 3,435,324	2041
3.3.10 SPS UPGRADES - GROUP 7	2020 - 2027	\$ 14,700,000	\$ -	\$ 14,700,000	85%	\$ 12,524,936	\$ -	\$ 2,175,064	2041
3.3.11 SCOTT ST PS & SIMCOE ST PS	2018 - 2024	\$ 10,250,000	\$ -	\$ 10,250,000	50%	\$ 5,125,000	\$ -	\$ 5,125,000	2041
3.3.12 SPS UPGRADES - GROUP 8	2022 - 2027	\$ 23,350,000	\$ -	\$ 23,350,000	85%	\$ 19,895,052	\$ -	\$ 3,454,948	2041
Subtotal Pumping Stations		\$101,472,253	\$0	\$101,472,253		\$82,849,687	\$0	\$18,622,566	
3.4 Trunks									
3.4.1 BLACK CREEK STS DESIGN & CONSTRUCTION	2019 - 2041	\$ 363,000,000	\$ -	\$ 363,000,000	38%	\$ 137,150,389	\$ -	\$ 225,849,611	2041
Subtotal Trunks		\$363,000,000	\$0	\$363,000,000		\$137,150,389	\$0	\$225,849,611	
3.5 Mains									
3.5.1 NEW SEWERS	2018 - 2020	\$ 603,000	\$ -	\$ 603,000	0%	\$ -	\$ -	\$ 603,000	2027
3.5.2 WATERFRONT SANITARY MASTER SERVICING PLAN IMPLEMENTATION	2018 - 2022	\$ 16,750,000	\$ -	\$ 16,750,000	50%	\$ 8,375,000	\$ -	\$ 8,375,000	2027
3.5.3 WATERFRONT SANITARY MASTER SERVICING PLAN IMPLEMENTATION - FUTURE	2024 - 2027	\$ 27,500,000	\$ -	\$ 27,500,000	50%	\$ 13,750,000	\$ -	\$ 13,750,000	2027
3.5.4 DOWNSVIEW LANDS EXTERNAL UPGRADES	2018 - 2022	\$ 9,450,000	\$ -	\$ 9,450,000	0%	\$ -	\$ -	\$ 9,450,000	2027
3.5.5 SHEPPARD SANITARY SEWER AT EAST DON STS	2018 - 2020	\$ 4,000,000	\$ -	\$ 4,000,000	38%	\$ 1,511,200	\$ -	\$ 2,488,800	2027
3.5.6 NEW SEWERS - FUTURE	2021 - 2027	\$ 7,000,000	\$ -	\$ 7,000,000	0%	\$ -	\$ -	\$ 7,000,000	2027
3.5.7 GEORGETOWN SOUTH CITY INFRASTRUCTURE UPGRADES	2018 - 2019	\$ 15,910,000	\$ -	\$ 15,910,000	0%	\$ -	\$ -	\$ 15,910,000	2027
3.5.8 GEORGETOWN SOUTH CITY INFRASTRUCTURE UPGRADES - FUTURE		\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	2027
3.5.9 2013 SEWER REPLC	2018 - 2019	\$ 33,450	\$ -	\$ 33,450	92%	\$ 30,879	\$ -	\$ 2,571	2027
3.5.10 EBF REPORT	2018 - 2019	\$ 5,107,000	\$ -	\$ 5,107,000	35%	\$ 1,767,022	\$ -	\$ 3,339,978	2027
3.5.11 EBF REPORT	2018 - 2018	\$ 2,945,027	\$ -	\$ 2,945,027	35%	\$ 1,019,127	\$ -	\$ 1,925,901	2027
3.5.12 SEWER REPLC - 2014 PROGRAM	2018 - 2019	\$ 85,000	\$ -	\$ 85,000	92%	\$ 78,468	\$ -	\$ 6,532	2027
3.5.13 SEWER REPLC - 2015 PROGRAM	2018 - 2019	\$ 2,039,345	\$ -	\$ 2,039,345	92%	\$ 1,882,626	\$ -	\$ 156,719	2027
3.5.14 SEWER REPLC - 2016 PROGRAM	2018 - 2019	\$ 15,319,082	\$ -	\$ 15,319,082	92%	\$ 14,141,844	\$ -	\$ 1,177,238	2027
3.5.15 SEWER REPLC - 2017 PROGRAM	2018 - 2020	\$ 7,753,000	\$ -	\$ 7,753,000	92%	\$ 7,157,199	\$ -	\$ 595,801	2027
3.5.16 SEWER REPLC - 2018 PROGRAM	2018 - 2020	\$ 8,993,000	\$ -	\$ 8,993,000	92%	\$ 8,301,908	\$ -	\$ 691,092	2027
3.5.17 CSP RENEWAL	2018 - 2022	\$ 5,711,000	\$ -	\$ 5,711,000	92%	\$ 5,272,122	\$ -	\$ 438,878	2027
3.5.18 SEWER REPLC - 2019 PROGRAM	2019 - 2021	\$ 26,800,000	\$ -	\$ 26,800,000	92%	\$ 24,740,479	\$ -	\$ 2,059,521	2027
3.5.19 10YR SEWER REPLACEMENT	2020 - 2027	\$ 115,500,000	\$ -	\$ 115,500,000	92%	\$ 106,624,080	\$ -	\$ 8,875,920	2027
3.5.20 UNALLOCATED PROJECTS	2018 - 2027	\$ 40,000,000	\$ -	\$ 40,000,000	0%	\$ -	\$ -	\$ 40,000,000	2027
3.5.21 External Sanitary Sewer (EBF)	2018 - 2021	\$ 47,304,000	\$ 24,557,243	\$ 22,746,757	0%	\$ -	\$ -	\$ 22,746,757	2027
3.5.22 Site Wide Municipal Infrastructure - assumed 50:50 water and wastewater	2018 - 2022	\$ 47,483,355	\$ -	\$ 47,483,355	0%	\$ -	\$ -	\$ 47,483,355	2041
3.5.23 Unilever Precinct Site Wide Servicing (water, sanitary and storm) - assumed 50:50 water and wastewater	2026 - 2035	\$ 5,863,683	\$ -	\$ 5,863,683	0%	\$ -	\$ -	\$ 5,863,683	2041
3.5.24 Caroline Sanitary Sewer (Eastern to Lake Shore)	2026 - 2035	\$ 1,599,402	\$ -	\$ 1,599,402	0%	\$ -	\$ -	\$ 1,599,402	2041
3.5.25 Commissioners Street Sanitary Sewer (Don Roadway to Carlaw Avenue)	2026 - 2035	\$ 11,656,809	\$ -	\$ 11,656,809	0%	\$ -	\$ -	\$ 11,656,809	2041
3.5.26 Carlaw Avenue Interconnecting Sewer (Commissioners to Eastern)	2026 - 2035	\$ 10,942,694	\$ -	\$ 10,942,694	0%	\$ -	\$ -	\$ 10,942,694	2041
3.5.27 McCleary District and Media City Site Wide Servicing - assumed 50:50 water and wastewater	2026 - 2035	\$ 6,314,553	\$ -	\$ 6,314,553	0%	\$ -	\$ -	\$ 6,314,553	2041
3.5.28 Turning Basin District Site wide Servicing - assumed 50:50 water and wastewater	Post	\$ 2,857,092	\$ -	\$ 2,857,092	0%	\$ -	\$ -	\$ 2,857,092	2041
3.5.29 Leslie/Unwin Sanitary Sewer	2026 - 2035	\$ 19,607,308	\$ -	\$ 19,607,308	0%	\$ -	\$ -	\$ 19,607,308	2041
3.5.30 Commissioners Street Sanitary Sewer (included in the Film Studio District above)	2026 - 2035	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	2041
Subtotal Mains		\$465,127,800	\$24,557,243	\$440,570,557		\$194,651,954	\$0	\$245,918,602	

CITY OF TORONTO
PRELIMINARY DRAFT DEVELOPMENT-RELATED CAPITAL PROGRAM
SANITARY & STORM

Project Description	Timing	Gross Project Cost	Grants/ Subsidies/Other Recoveries	Net Cost	Ineligible Costs			Total Development Related Costs	Recovery Period
					Replacement & BTE Shares	Replacement & BTE Shares	0% Reduction		
3.6 Studies									
3.6.1 SEWER ASSET PLANNING	2018 - 2023	\$ 49,070,000	\$ -	\$ 49,070,000	92%	\$ 45,299,079	\$ -	\$ 3,770,921	2027
3.6.2 SEWER ASSET PLANNING - 10 YEAR	2020 - 2027	\$ 38,000,000	\$ -	\$ 38,000,000	92%	\$ 35,079,784	\$ -	\$ 2,920,216	2027
Subtotal Studies		\$87,070,000	\$0	\$87,070,000		\$80,378,863	\$0	\$6,691,137	
3.7 Wet Weather Flow & Flood Protection									
3.7.1 EMERY CREEK POND	2018 - 2020	\$ 5,259,189	\$ -	\$ 5,259,189	85%	\$ 4,481,021	\$ -	\$ 778,168	2041
3.7.2 YR03 D1 END OF PIPE	2018 - 2020	\$ 3,000	\$ -	\$ 3,000	85%	\$ 2,556	\$ -	\$ 444	2041
3.7.3 DON VALLEY SWM	2023 - 2026	\$ 3,960,000	\$ -	\$ 3,960,000	85%	\$ 3,374,064	\$ -	\$ 585,936	2041
3.7.4 COATSWORTH CUT WETLAND	2025 - 2027	\$ 10,260,000	\$ -	\$ 10,260,000	85%	\$ 8,741,894	\$ -	\$ 1,518,106	2041
3.7.5 NORTH TORONTO CSO CONSTR	2018 - 2020	\$ 1,167,187	\$ -	\$ 1,167,187	85%	\$ 994,486	\$ -	\$ 172,701	2041
3.7.6 Scarborough Waterfront Construction	2024 - 2027	\$ 47,950,000	\$ -	\$ 47,950,000	85%	\$ 40,855,149	\$ -	\$ 7,094,851	2041
3.7.7 EARL BALES PARK SWM FACILITY - PHASE 2	2018 - 2019	\$ 1,952,000	\$ -	\$ 1,952,000	85%	\$ 1,663,175	\$ -	\$ 288,825	2041
3.7.8 Bonar Creek SWMF Construction	2018 - 2022	\$ 21,050,000	\$ -	\$ 21,050,000	85%	\$ 17,935,368	\$ -	\$ 3,114,632	2041
3.7.9 HUMBER BAY POND (ETOBICOKE)	2018 - 2020	\$ 700,000	\$ -	\$ 700,000	85%	\$ 596,426	\$ -	\$ 103,574	2041
3.7.10 Etobicoke Waterfront Construction	2024 - 2041	\$ 126,320,000	\$ -	\$ 126,320,000	85%	\$ 107,629,248	\$ -	\$ 18,690,752	2041
3.7.11 SWM INA/EA	2018 - 2022	\$ 1,269,000	\$ -	\$ 1,269,000	85%	\$ 1,081,234	\$ -	\$ 187,766	2041
3.7.12 PUBLIC EDUCATION	2018 - 2018	\$ 1,220,000	\$ -	\$ 1,220,000	85%	\$ 1,039,485	\$ -	\$ 180,515	2041
3.7.13 WWFMP IMPLEMENTATION - DESIGN	2018 - 2020	\$ 2,284,000	\$ -	\$ 2,284,000	85%	\$ 1,946,051	\$ -	\$ 337,949	2041
3.7.14 SWM CONVEYANCE 2012	2018 - 2019	\$ 76,000	\$ -	\$ 76,000	85%	\$ 64,755	\$ -	\$ 11,245	2041
3.7.15 SWM CONVEYANCE 2014	2018 - 2018	\$ 44,000	\$ -	\$ 44,000	85%	\$ 37,490	\$ -	\$ 6,510	2041
3.7.16 SWM CONVEYANCE 2015	2018 - 2019	\$ 1,041,000	\$ -	\$ 1,041,000	85%	\$ 886,970	\$ -	\$ 154,030	2041
3.7.17 SWM CONVEYANCE 2017	2018 - 2021	\$ 7,531,000	\$ -	\$ 7,531,000	85%	\$ 6,416,687	\$ -	\$ 1,114,313	2041
3.7.18 GREEN STREETS	2018 - 2022	\$ 2,595,000	\$ -	\$ 2,595,000	85%	\$ 2,211,035	\$ -	\$ 383,965	2041
3.7.19 WATERFRONT MODELLING STUDIES	2019 - 2025	\$ 565,000	\$ -	\$ 565,000	85%	\$ 481,401	\$ -	\$ 83,599	2041
3.7.20 10YR WWFMP PUBLIC EDUCATION	2019 - 2026	\$ 4,880,000	\$ -	\$ 4,880,000	85%	\$ 4,157,938	\$ -	\$ 722,062	2041
3.7.21 10YR WWFMP IMPLEMENTATION	2018 - 2027	\$ 8,775,000	\$ -	\$ 8,775,000	85%	\$ 7,476,620	\$ -	\$ 1,298,380	2041
3.7.22 WESTERN BEACHES RETROFIT	2018 - 2022	\$ 19,329,797	\$ -	\$ 19,329,797	85%	\$ 16,469,692	\$ -	\$ 2,860,105	2041
3.7.23 STREAM RESTORATION	2018 - 2019	\$ 4,000,000	\$ -	\$ 4,000,000	85%	\$ 3,408,146	\$ -	\$ 591,854	2041
3.7.24 STUDIES, EAs, MASTER PLANS	2018 - 2022	\$ 6,848,000	\$ -	\$ 6,848,000	85%	\$ 5,834,746	\$ -	\$ 1,013,254	2041
3.7.25 WATERCOURSE - ENGINEERING	2018 - 2027	\$ 6,030,000	\$ -	\$ 6,030,000	85%	\$ 5,137,780	\$ -	\$ 892,220	2041
3.7.26 CRITICAL REPAIRS	2018 - 2026	\$ 10,590,000	\$ -	\$ 10,590,000	85%	\$ 9,023,066	\$ -	\$ 1,566,934	2041
3.7.27 EMERGENCY EROSION CONTROL	2018 - 2022	\$ 1,650,000	\$ -	\$ 1,650,000	85%	\$ 1,405,860	\$ -	\$ 244,140	2041
3.7.28 PARTNER PROJECTS	2018 - 2021	\$ 3,000,000	\$ -	\$ 3,000,000	85%	\$ 2,556,109	\$ -	\$ 443,891	2041
3.7.29 10 YEAR STREAM RESTORATION - ALL DISTRICTS	2019 - 2041	\$ 84,652,000	\$ -	\$ 84,652,000	85%	\$ 72,126,592	\$ -	\$ 12,525,408	2041
3.7.30 STUDY, EA, MASTER PLAN UPDATES - FUTURE	2022 - 2026	\$ 2,500,000	\$ -	\$ 2,500,000	85%	\$ 2,130,091	\$ -	\$ 369,909	2041
3.7.31 WATERCOURSE - CONSTRUCTION	2019 - 2021	\$ 6,011,000	\$ -	\$ 6,011,000	85%	\$ 5,121,591	\$ -	\$ 889,409	2041
3.7.32 WATERCOURSE - CONSTRUCTION - FUTURE	2019 - 2041	\$ 35,000,000	\$ -	\$ 35,000,000	85%	\$ 29,821,277	\$ -	\$ 5,178,723	2041
3.7.33 TORONTO WATER TRANSFER TO TRCA CAPITAL	2018 - 2018	\$ 8,657,000	\$ -	\$ 8,657,000	85%	\$ 7,376,080	\$ -	\$ 1,280,920	2041
3.7.34 10 YEAR TRCA FUNDING	2019 - 2027	\$ 44,712,000	\$ -	\$ 44,712,000	85%	\$ 38,096,255	\$ -	\$ 6,615,745	2041
3.7.35 TRCA - CRITICAL EROSION SITES	2018 - 2018	\$ 16,000,000	\$ -	\$ 16,000,000	85%	\$ 13,632,584	\$ -	\$ 2,367,416	2041
3.7.36 TRCA - SCARBOROUGH WATERFRONT TRAIL EA	2018 - 2018	\$ 2,099,064	\$ -	\$ 2,099,064	85%	\$ 1,788,479	\$ -	\$ 310,585	2041
3.7.37 TRCA - SCARBOROUGH WATERFRONT WEST EA	2018 - 2019	\$ 2,650,000	\$ -	\$ 2,650,000	85%	\$ 2,257,897	\$ -	\$ 392,103	2041
3.7.38 TRCA - WATERCOURSE EROSION CONTROL	2019 - 2027	\$ 75,000,000	\$ 50,000,000	\$ 25,000,000	85%	\$ 21,300,912	\$ -	\$ 3,699,088	2041
3.7.39 TRCA - CRITICAL EROSION SITES - FUTURE	2019 - 2027	\$ 18,000,000	\$ -	\$ 18,000,000	85%	\$ 15,336,657	\$ -	\$ 2,663,343	2041
3.7.40 Don & Waterfront Trunk/CSO Design - PH1- Coxwell & Lower Don	2018 - 2024	\$ 42,451,832	\$ -	\$ 42,451,832	85%	\$ 36,170,510	\$ -	\$ 6,281,323	2041
3.7.41 DCW - PHASE 1 - OFFLINE STORAGE TANK AT SHEPPARD/LESLIE	2018 - 2023	\$ 17,236,000	\$ -	\$ 17,236,000	85%	\$ 14,685,701	\$ -	\$ 2,550,299	2041
3.7.42 Don & Waterfront Trunk/CSO Construction - PHASE 1	2018 - 2024	\$ 500,000,000	\$ -	\$ 500,000,000	85%	\$ 426,018,238	\$ -	\$ 73,981,762	2041
3.7.43 DCW - PHASE 1 - ADDITIONAL SCOPE	2018 - 2019	\$ 8,500,000	\$ -	\$ 8,500,000	85%	\$ 7,242,310	\$ -	\$ 1,257,690	2041

CITY OF TORONTO
PRELIMINARY DRAFT DEVELOPMENT-RELATED CAPITAL PROGRAM
SANITARY & STORM

Project Description	Timing	Gross Project Cost	Grants/ Subsidies/Other Recoveries	Net Cost	Ineligible Costs			Total Development Related Costs	Recovery Period
					Replacement & BTE Shares	Replacement & BTE Shares	0% Reduction		
3.7.44 DCW - MTI REGULATION/RTC	2019 - 2023	\$ 14,800,000	\$ -	\$ 14,800,000	85%	\$ 12,610,140	\$ -	\$ 2,189,860	2041
3.7.45 DCW - HRT	2020 - 2041	\$ 316,000,000	\$ -	\$ 316,000,000	85%	\$ 269,243,526	\$ -	\$ 46,756,474	2041
3.7.46 DCW - COXWELL CONNECTIONS	2023 - 2041	\$ 89,500,000	\$ -	\$ 89,500,000	85%	\$ 76,257,265	\$ -	\$ 13,242,735	2041
3.7.47 Don & Waterfront Trunk/CSO Construction - PHASE 2	2025 - 2041	\$ 210,000,000	\$ -	\$ 210,000,000	85%	\$ 178,927,660	\$ -	\$ 31,072,340	2041
3.7.48 Flood Protection Landform & Related Infrastructure (WDL)	2018 - 2018	\$ 122,515,785	\$ 120,995,844	\$ 1,519,941	0%	\$ -	\$ -	\$ 1,519,941	2041
3.7.49 Storm water Quality Management (EBF/WDL/Keating)	2018 - 2021	\$ 79,700,000	\$ 5,496,466	\$ 74,203,534	0%	\$ -	\$ -	\$ 74,203,534	2041
3.7.50 Cherry Street Stormwater and Lake Filling (Esroc Quay)	2018 - 2020	\$ 64,149,316	\$ 48,111,987	\$ 16,037,329	0%	\$ -	\$ -	\$ 16,037,329	2041
3.7.51 Polson Slip Naturalization	2018 - 2020	\$ 59,418,090	\$ 36,904,099	\$ 22,513,991	0%	\$ -	\$ -	\$ 22,513,991	2041
3.7.52 River Valley System	2018 - 2021	\$ 225,251,577	\$ 139,901,947	\$ 85,349,630	0%	\$ -	\$ -	\$ 85,349,630	2041
3.7.53 Don Greenway (Spillway & Wetland)	2018 - 2022	\$ 229,465,028	\$ 142,518,887	\$ 86,946,141	0%	\$ -	\$ -	\$ 86,946,141	2041
3.7.54 First Gulf/Unilever FPL	2018 - 2022	\$ 4,494,908	\$ 2,791,751	\$ 1,703,157	0%	\$ -	\$ -	\$ 1,703,157	2041
3.7.55 Sediment and Debris Management Area	2018 - 2021	\$ 72,591,278	\$ 45,085,860	\$ 27,505,418	0%	\$ -	\$ -	\$ 27,505,418	2041
3.7.56 Flow Control Weirs	2018 - 2023	\$ 34,086,633	\$ 21,170,934	\$ 12,915,699	0%	\$ -	\$ -	\$ 12,915,699	2041
3.7.57 Eastern Avenue Flood Protection	2018 - 2022	\$ 4,128,834	\$ 2,564,386	\$ 1,564,448	0%	\$ -	\$ -	\$ 1,564,448	2041
3.7.58 Keating Channel Modifications	2018 - 2023	\$ 30,601,585	\$ 19,006,399	\$ 11,595,186	0%	\$ -	\$ -	\$ 11,595,186	2041
3.7.59 Unilever Precinct Site Wide Servicing (storm)	2018 - 2025	\$ 7,270,490	\$ -	\$ 7,270,490	0%	\$ -	\$ -	\$ 7,270,490	2041
3.7.60 South of Eastern SWM	2026 - 2035	\$ 635,727	\$ -	\$ 635,727	0%	\$ -	\$ -	\$ 635,727	2041
3.7.61 Commissioners Street Open Channel (Don Roadway to Broadview)	2026 - 2035	\$ 8,361,829	\$ -	\$ 8,361,829	0%	\$ -	\$ -	\$ 8,361,829	2041
3.7.62 Commissioners Street Open Channel (Broadview to Carlaw)	2026 - 2035	\$ 9,859,170	\$ -	\$ 9,859,170	0%	\$ -	\$ -	\$ 9,859,170	2041
3.7.63 Turning Basin Outlets	2026 - 2035	\$ 4,746,000	\$ -	\$ 4,746,000	0%	\$ -	\$ -	\$ 4,746,000	2041
3.7.64 Turning Basin Pumping Station	2026 - 2035	\$ 18,939,704	\$ -	\$ 18,939,704	0%	\$ -	\$ -	\$ 18,939,704	2041
3.7.65 Turning Basin SWQMF	2026 - 2035	\$ 108,050,600	\$ -	\$ 108,050,600	0%	\$ -	\$ -	\$ 108,050,600	2041
3.7.66 SWQTF Enabling Infrastructure	2026 - 2035	\$ 22,965,261	\$ -	\$ 22,965,261	0%	\$ -	\$ -	\$ 22,965,261	2041
3.7.67 McCleary District Site Wide Servicing	2026 - 2035	\$ 6,804,775	\$ -	\$ 6,804,775	0%	\$ -	\$ -	\$ 6,804,775	2041
3.7.68 Media City Site Wide Servicing	2026 - 2035	\$ 8,464,091	\$ -	\$ 8,464,091	0%	\$ -	\$ -	\$ 8,464,091	2041
3.7.69 Turning Basin District Site Wide Servicing	Post - 2041	\$ 27,703,574	\$ -	\$ 27,703,574	0%	\$ -	\$ -	\$ 27,703,574	2041
3.7.70 Leslie Street Open Channel (Lake Shore to Commissioners)	Post - 2041	\$ 2,820,382	\$ -	\$ 2,820,382	0%	\$ -	\$ -	\$ 2,820,382	2041
3.7.71 East Port Site Wide Servicing (Block 7 and 8)	2036 - 2041	\$ 8,125,468	\$ -	\$ 8,125,468	0%	\$ -	\$ -	\$ 8,125,468	2041
3.7.72 Commissioners Street Open Channel (Carlaw to Leslie)	2026 - 2035	\$ 15,221,071	\$ -	\$ 15,221,071	0%	\$ -	\$ -	\$ 15,221,071	2041
3.7.73 Leslie/Unwin Open Channel	2026 - 2035	\$ 39,209,498	\$ -	\$ 39,209,498	0%	\$ -	\$ -	\$ 39,209,498	2041
3.7.74 Don Greenway SWQMF	2026 - 2035	\$ 62,223,728	\$ -	\$ 62,223,728	0%	\$ -	\$ -	\$ 62,223,728	2041
3.7.75 Don Greenway Outlets	2026 - 2035	\$ 1,568,000	\$ -	\$ 1,568,000	0%	\$ -	\$ -	\$ 1,568,000	2041
3.7.76 Don Greenway Pumping Station	2026 - 2035	\$ 8,535,408	\$ -	\$ 8,535,408	0%	\$ -	\$ -	\$ 8,535,408	2041
3.7.77 South Ship Channel Site Wide SWM Servicing	2026 - 2035	\$ 12,931,791	\$ -	\$ 12,931,791	0%	\$ -	\$ -	\$ 12,931,791	2041
3.7.78 Villiers Island - Stormwater Management Facility	2026 - 2035	\$ 25,000,000	\$ -	\$ 25,000,000	0%	\$ -	\$ -	\$ 25,000,000	2041
	2018 - 2027	\$ 1,527,418,000	\$ -	\$ 1,527,418,000	85%	\$ 1,301,415,849	\$ -	\$ 226,002,151	2041
Wet Weather Flow & Flood Protection		\$3,119,957,669	\$634,548,560	\$2,485,409,109		\$1,486,052,213	\$0	\$999,356,896	
3.8 Linear Storm									
3.8.1 See attached detail sheet	2018 - 2041	\$1,650,680,450	\$ -	\$ 1,650,680,450	85%	\$ 1,406,439,953	\$0	\$ 244,240,497	2041
TOTAL WASTEWATER & STORM		\$9,598,296,868	\$659,105,803	\$8,939,191,065		\$6,500,726,903	\$0	\$2,438,464,162	