

Toronto Water 2020 and 2021-2030 Budget Adjustments

Schedule A- Part A- Toronto Water 2020 and Approved 2021-2030 Budget Adjustment Reallocations due to Accelerations

Program Area	Account Number	SAP DESCRIPTION	Total Project Cost*	2020 Proposed Reallocation	2021 Proposed Reallocation	2022 Proposed Reallocation	2023 Proposed Reallocation
HARRIS WATER TREATMENT PLANT	CPW061-15	HARRIS FILTERS REHABILITATION - PILOT	12,464,130.80	1,169,879	(1,169,879)		
HARRIS WATER TREATMENT PLANT	CPW061-25	FACILITY INFRASTRUCTURE REHAB	3,503,545.09	500,000	(500,000)		
ISLAND WATER TREATMENT PLANT	CPW064-17	AMMONIA AND FLOURIDE SYSTEM UPGRADES	13,837,850.08	288,764		(288,764)	
ISLAND WATER TREATMENT PLANT	CPW064-26	FIS - JSPS CROSS HARBOUR TUNNEL REHAB	16,849,999.97	378,983		(378,983)	
WATERMAIN REPLACEMENT PROGRAM	CPW542-16	WATERMAIN REPLACEMENT - METROLINX	6,872,000.00	625,000		(625,000)	
WATERMAIN REHABILITATION PROGRAM	CPW543-04	WATERMAIN STRUCTURAL LINING	644,298,330.63	10,593,467	(4,054,958)	(6,538,509)	
WATER SERVICE REPLACEMENT	CPW544-15	WATER SERVICE REPAIR - WM REHAB PROGRAM	71,832,883.02	5,391,527	(3,250,000)	(2,141,527)	
TRUNK SEWER PROGRAM	CWW014-17	TRUNK SEWER REHABILITATION - 2018	152,053,816.86	1,292,658		(1,292,658)	
TRUNK SEWER PROGRAM	CWW014-18	TRUNK SEWER REHABILITATION - 2019	87,229,759.32	1,210,079	(1,210,079)		
BUSINESS AND TECHNOLOGY	CWW034-15	WWTP PLC PLATFORM UPGRADE	13,784,635.85	349,175		(349,175)	
HIGHLAND CREEK WASTEWATER TREATMENT PLANT	CWW036-11	DIGESTER GAS SYSTEM UPGRADES	22,749,700.13	481,488		(481,488)	
HIGHLAND CREEK WASTEWATER TREATMENT PLANT	CWW036-18	LIQUID TRAIN REPAIRS - PHASE 1	99,098,815.07	4,677,159		(4,677,159)	
HUMBER WASTEWATER TREATMENT PLANT	CWW037-10	ADMIN BUILDING EXPANSION	2,757,784.50	279,472	(279,472)		
HUMBER WASTEWATER TREATMENT PLANT	CWW037-16	REPLACEMENT OF WASTE GAS BURNERS	9,583,109.65	530,654	(375,000)	(155,654)	
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW038-08	ADMIN & BLOWER BLDG IMPROVEMENTS	13,445,588.92	1,970,937		(1,970,937)	

Program Area	Account Number	SAP DESCRIPTION	Total Project Cost*	2020 Proposed Reallocation	2021 Proposed Reallocation	2022 Proposed Reallocation	2023 Proposed Reallocation
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW039-01	OUTFALL AND DISINFECTION UPGRADES ENGINE	14,832,121.19	340,256		(340,256)	
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW040-08	M & T PUMPING STATION REBUILD	659,851,860.12	405,620		(405,620)	
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW043-03	DIGESTERS 9-12 REFURBISHMENT	52,761,706.42	399,902	(399,902)		
HUMBER WASTEWATER TREATMENT PLANT	CWW052-03	SECONDARY TREATMENT UPGRADES - SOUTH - C	157,029,377.64	9,125,274			(9,125,274)
BASEMENT FLOODING PROTECTION PROGRAM	CWW421-08	BASEMENT FLOODING RELIEF - GROUP 2 - DES	30,079,837.81	995,979		(995,979)	
BASEMENT FLOODING PROTECTION PROGRAM	CWW421-14	BASEMENT FLOODING EA STUDIES	71,757,104.34	1,065,850		(1,065,850)	
BASEMENT FLOODING PROTECTION PROGRAM	CWW421-17	BASEMENT FLOODING RELIEF - GROUP 4 (CONS)	474,758,655.19	6,281,666		(6,281,666)	
SEWER REHABILITATION PROGRAM	CWW465-09	SEWER REHABILITATION - CWD	254,025,111.25	1,331,014		(1,331,014)	
SEWER REPLACEMENT	CWW472-15	SEWER REPLACEMENT - METROLINX	11,108,702.99	4,640,000	(3,076,000)	(1,564,000)	
PUMPING STATION & FORCEMAIN PROGRAM	CWW472-18	FORCEMAIN REPLACEMENT - 2016	17,886,406.91	1,164,088		(1,164,088)	
WET WEATHER FLOW	CWW480-01	DON & WATERFRONT TRUNK/CSO PHASE 1 - DES	60,969,857.70	619,935		(619,935)	
WET WEATHER FLOW	CWW480-03	DON & WATERFRONT TRUNK/CSO CONSTRUCTION	411,418,640.28	5,019,893		(5,019,893)	
	Subtotal		-	61,128,719	(14,315,290)	(37,688,155)	(9,125,274)

*No change in approved project costs.

Schedule A- Part B- Toronto Water 2020 and Approved 2021-2030 Budget Adjustment Reallocations due to Deferrals

Program Area	Account Number	SAP DESCRIPTION	Total Project Cost*	2020 Proposed Reallocation	2021 Proposed Reallocation	2022 Proposed Reallocation	2023 Proposed Reallocation
BUSINESS AND TECHNOLOGY	CPW039-20	TECHNOLOGY IMPROVEMENTS	13,475,935.12	(1,760,000)		1,760,000	
ISLAND WATER TREATMENT PLANT	CPW043-07	CHEMICAL & RESIDUALS MANAGMENT ENGINEERI	10,183,712.67	(637,000)		637,000	
TRANSMISSION WATERMAIN PROGRAM	CPW058-19	CAST IRON TRUNK REPLC - PH ENGINEERING	8,859,620.01	(205,000)		205,000	
WATER TREATMENT - STORAGE & PUMPING STATIONS	CPW060-08	ROSEHILL RESERVOIR	33,868,977.07	(465,800)	465,800		
WATER TREATMENT - STORAGE & PUMPING STATIONS	CPW060-16	PS REHAB - PHASE 2 - CONSTRUCTION	26,426,298.24	(385,800)		385,800	
WATER TREATMENT - STORAGE & PUMPING STATIONS	CPW060-19	RESERVOIR REHAB - PHASE 2 - CONSTRUCTION	24,045,220.46	(495,000)		495,000	
HARRIS WATER TREATMENT PLANT	CPW061-11	HVAC REHAB - CONSTRUCTION	14,704,882.83	(900,000)	400,000	500,000	
ISLAND WATER TREATMENT PLANT	CPW064-22	PLANTWIDE HVAC UPGRADES	7,425,890.69	(1,000,000)	800,000	200,000	
TRANSMISSION WATERMAIN PROGRAM	CPW066-07	JOS - WM FROM SCAR PS TO ST. CLAIR AND M	37,991,718.77	(1,335,234)	1,335,234		
WATER TREATMENT PLANTS - PLANTWIDE	CPW070-06	STANDBY POWER - PHASE 2 - ENG	11,457,613.13	(300,000)		300,000	
WATER TREATMENT PLANTS - PLANTWIDE	CPW070-07	UV DISINFECTION-ISLAND WTP- ENGINEERING	3,750,946.49	(500,000)		500,000	
WATER TREATMENT PLANTS - PLANTWIDE	CPW070-10	STANDBY POWER - PHASE 2 - CONSTRUCTION	66,190,220.48	(445,000)		445,000	
AUTOMATED METER READING PROGRAM	CPW532-02	AMR PILOT PROJECT	241,741,320.31	(1,235,000)		1,235,000	
LINEAR ENGINEERING	CPW537-04	WATERMAIN ASSET PLANNING	19,869,760.70	(540,000)		540,000	
WATERMAIN REPLACEMENT PROGRAM	CPW542-25	DIST W/M REPLACEMENT - 2019	273,564,863.92	(3,556,007)		3,556,007	
WATERMAIN REHABILITATION PROGRAM	CPW543-03	CUT REPAIRS	50,375,720.06	(295,000)		295,000	

Program Area	Account Number	SAP DESCRIPTION	Total Project Cost*	2020 Proposed Reallocation	2021 Proposed Reallocation	2022 Proposed Reallocation	2023 Proposed Reallocation
WATER SERVICE REPLACEMENT	CPW544-10	WSR CUT REPAIRS	40,833,541.67	(1,660,000)		1,660,000	
WATER SERVICE REPLACEMENT	CPW544-19	2018 WATER SERVICE REPLACEMENT - SOGR	17,155,737.34	(620,000)	250,000	370,000	
WATER SERVICE REPLACEMENT	CPW544-21	2019 WATER SERVICE REPLACEMENT -SOGR	92,912,235.26	(3,156,000)		3,156,000	
LINEAR ENGINEERING	CPW545-02	CONSULTING FEES	153,770,103.58	(1,811,100)		1,811,100	
NEW CONNECTIONS	CPW600-03	CUT REPAIRS REQ'D FOR NEW SERVICE CONNEC	117,644,601.49	(3,300,000)		3,300,000	
WATERMAIN REPLACEMENT PROGRAM	CPW701-01	LAWRENCE ALLAN REVITALIZATION PLAN-INFRA	16,054,051.15	(355,422)		355,422	
TRUNK SEWER PROGRAM	CWW014-15	TRUNK SEWER REHABILITATION - 2014	63,271,904.18	(884,000)	884,000		
TRUNK SEWER PROGRAM	CWW014-16	TRUNK SEWER REHABILITATION - 2016	37,192,846.88	(411,600)		411,600	
YARDS & FACILITIES PROGRAM	CWW021-03	LAB FACILITY	48,339,842.57	(1,379,200)		1,379,200	
HIGHLAND CREEK WASTEWATER TREATMENT PLANT	CWW036-15	LIQUID TRAIN - ENGINEERING	54,007,122.11	(595,000)		595,000	
HUMBER WASTEWATER TREATMENT PLANT	CWW037-12	HVAC UPGRADES	12,456,909.45	(495,000)	295,000	200,000	
HUMBER WASTEWATER TREATMENT PLANT	CWW037-20	OPERATIONS CONTROL CENTRE - CONSTRUCTION	30,081,063.25	(2,515,000)		2,515,000	
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW039-02	DISINFECTION SYSTEM CONSTRUCTION	214,916,888.17	(2,890,000)		2,890,000	
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW039-06	OUTFALL CONSTRUCTION	276,476,915.23	(12,300,000)		3,174,726	9,125,274
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW040-02	RAW SEWAGE PUMP STN REBUILD ENGINEERING	73,682,449.84	(665,000)	200,000	465,000	
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW042-04	BIOFILTERS UPGRADE	25,329,136.22	(1,240,000)		1,240,000	

*No change in approved project costs.

Program Area	Account Number	SAP DESCRIPTION	Total Project Cost*	2020 Proposed Reallocation	2021 Proposed Reallocation	2022 Proposed Reallocation	2023 Proposed Reallocation
HIGHLAND CREEK WASTEWATER TREATMENT PLANT	CWW047-03	BMP IMPLEMENTATION - CONSTRUCTION	134,990,149.18	(2,075,000)	2,075,000		
HIGHLAND CREEK WASTEWATER TREATMENT PLANT	CWW048-01	BUILDING REHABILITATION	51,030,805.40	(475,000)	475,000		
BASEMENT FLOODING PROTECTION PROGRAM	CWW421-11	BASEMENT FLOODING RELIEF - GROUP 2 CONST	22,543,903.91	(1,500,000)	1,000,000	500,000	
BASEMENT FLOODING PROTECTION PROGRAM	CWW421-13	BASEMENT FLOODING DESIGN - GROUP 3	12,288,504.06	(325,000)		325,000	
WET WEATHER FLOW	CWW447-13	ASHBRIDGES BAY LANDFORMS	97,884,987.20	(445,000)	445,000		
PUMPING STATION & FORCEMAIN PROGRAM	CWW465-08	GROUP 5 SEWAGE PUMPING STATION UPGRADES	20,076,999.23	(870,000)	470,000	400,000	
SEWER REHABILITATION PROGRAM	CWW465-10	SEWER REHABILITATION - CUT REPAIRS	14,134,110.09	(585,000)		585,000	
WET WEATHER FLOW - STREAM PROGRAM	CWW466-08	CRITICAL REPAIRS	9,023,128.65	(925,000)	300,000	625,000	
LINEAR ENGINEERING	CWW470-02	CONSULTING FEES	113,227,652.63	(676,300)		676,300	
SEWER REPLACEMENT	CWW472-11	WATERFRONT STORMWATER INFRASTRUCTURE	13,499,866.91	(1,112,431)	1,112,431		
SEWER REPLACEMENT	CWW472-12	WATERFRONT SANITARY SERVICING INFRASTRU	17,800,047.95	(1,781,025)	1,781,025		
SEWER REPLACEMENT	CWW472-22	SEWER REPLAC - 2019 PROGRAM	39,780,375.44	(2,026,800)	2,026,800		
	Subtotal			(61,128,719)	14,315,290	37,688,155	9,125,274

Schedule A - Part C - Toronto Water 2020 Budget Adjustment Reallocations

Program Area	Account Number	Sub-Project Description	Total Project Cost	2020 Proposed Reallocation	Revised Project Cost	Comments
WATERMAIN REPLACEMENT PROGRAM	CPW545-01	ROAD RESTORATION	65,472,172.77	538,435	66,010,608	Higher volume of invoicing for permanent restoration
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW019-25	PROCESS AND EQUIPMENT	15,256,924.76	483,415	15,740,340	Increased spending to address infrastructure needs.
ASHBRIDGES BAY WASTEWATER TREATMENT PLANT	CWW041-03	MESI UPGRADES	27,385,267.59	370,161	27,755,429	Increased spending to address infrastructure needs and maintain plant operations.
WET WEATHER FLOW	CWW457-01	WESTERN BEACHES RETROFIT	56,114,052.29	2,245,860	58,359,912	Increased costs due to unforeseen site conditions and high lake levels.
SEWER REPLACEMENT	CWW472-15	SEWER REPLACEMENT - METROLINX	11,108,702.99	496,813	11,605,516	Updated forecasted infrastructure costs.
	Subtotal			4,134,684		
LINEAR ENGINEERING	CPW545-10	ECS SALARIES	102,332,140.00	(1,541,643)	100,790,497	Projects completed under budget
BASEMENT FLOODING PROTECTION PROGRAM	CWW421-01	BASEMENT FLOODING RELIEF - BACKFLOW GRAN	76,119,820.06	(600,000)	75,519,820	Lower than forecasted demand for Backflow Subsidy.
LINEAR ENGINEERING	CWW470-07	ECS SALARIES	102,846,117.76	(1,541,643)	101,304,475	Projects completed under budget
LINEAR ENGINEERING	CWW470-08	TW SALARIES	9,523,651.28	(451,398)	9,072,253	Projects completed under budget
	Subtotal			(4,134,684)		