

CITY OF TORONTO

Gross Expenditures (\$000's)

Water Program

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By												
					2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing				
WAT906334 BUSINESS SYSTEM INFRASTRUCTURE - PW																										
0 23	RELIABILITY IMPROVEMENT PROGRAM	CW	S2	04	505	415	170	0	0	1,090	0	1,090	0	0	0	0	1,090	0	0	0	0	0	0	0	1,090	
0 41	SCADA UPGRADES FOR WWT	CW	S2	04	4,367	4,646	3,287	2,825	1,800	16,925	0	16,925	0	0	0	0	16,925	0	0	0	0	0	0	0	16,925	
0 43	BUSINESS & TECHNICAL IMPROVEMENTS - 10 YEAR PLAN	CW	S6	04	0	431	1,304	1,209	2,334	5,278	6,345	11,623	0	0	0	0	11,623	0	0	0	0	0	0	0	11,623	
0 61	RELIABILITY IMPROVEMENT PROGRAM - FUTURE YEARS	CW	S6	04	0	150	150	400	400	1,100	2,000	3,100	0	0	0	0	3,100	0	0	0	0	0	0	0	3,100	
0 67	SCADA UPGRADES FOR WWT - II	CW	S2	04	1,879	1,060	1,000	1,000	0	4,939	0	4,939	0	0	0	0	4,939	0	0	0	0	0	0	0	4,939	
0 83	NETWORK IMPROVEMENTS - 10 YEAR	CW	S6	04	0	0	870	1,100	960	2,930	4,800	7,730	0	0	0	0	7,730	0	0	0	0	0	0	0	7,730	
0 87	PCS UPGRADES 2017	CW	S2	04	115	0	0	0	0	115	0	115	0	0	0	0	115	0	0	0	0	0	0	0	115	
0 88	TRUNK RADIO - EQUIPMENT	CW	S2	03	0	78	80	0	0	158	0	158	0	0	0	0	158	0	0	0	0	0	0	0	158	
0 97	SCADA SOFTWARE	CW	S2	04	280	280	50	0	0	610	0	610	0	0	0	0	610	0	0	0	0	0	0	0	610	
0 111	NETWORK IMPROVEMENTS	CW	S2	04	233	0	0	0	0	233	0	233	0	0	0	0	233	0	0	0	0	0	0	0	233	
0 113	TECHNOLOGY IMPROVEMENTS	CW	S2	04	1,552	75	50	200	0	1,877	0	1,877	0	0	0	0	1,877	0	0	0	0	0	0	0	1,877	
0 115	NETWORK EQUIPMENT LIFE CYCLE REPLACEMENT	CW	S2	03	84	0	0	0	0	84	0	84	0	0	0	0	84	0	0	0	0	0	0	0	84	
0 119	PCS UPGRADES 2017-CHANGE IN SCOPE	CW	S3	04	-10	220	0	0	0	210	0	210	0	0	0	0	210	0	0	0	0	0	0	0	210	
0 120	TECHNOLOGY IMPROVEMENTS-CHANGE IN SCOPE	CW	S3	04	1,786	2,125	710	-200	0	4,421	0	4,421	0	0	0	0	4,421	0	0	0	0	0	0	0	4,421	
0 121	SCADA UPGRADES FOR WWT - II -CHANGE IN SCOPE	CW	S3	04	-1,377	714	270	610	1,000	1,217	0	1,217	0	0	0	0	1,217	0	0	0	0	0	0	0	1,217	
0 122	NETWORK IMPROVEMENTS-CHANGE IN SCOPE	CW	S3	04	232	775	0	0	0	1,007	0	1,007	0	0	0	0	1,007	0	0	0	0	0	0	0	1,007	
0 123	RELIABILITY IMPROVEMENT PROGRAM-CHANGE IN SCOPE	CW	S3	04	90	686	650	213	0	1,639	0	1,639	0	0	0	0	1,639	0	0	0	0	0	0	0	1,639	
0 124	TRUNK RADIO - EQUIPMENT-CHANGE IN SCOPE	CW	S3	03	10	0	0	0	0	10	0	10	0	0	0	0	10	0	0	0	0	0	0	0	10	
0 125	SCADA SOFTWARE-CHANGE IN SCOPE	CW	S3	04	-60	-24	80	0	0	-4	0	-4	0	0	0	0	-4	0	0	0	0	0	0	0	-4	
0 126	SCADA UPGRADES FOR WWT-CHANGE IN SCOPE	CW	S3	04	-1,681	997	3,506	952	100	3,874	0	3,874	0	0	0	0	3,874	0	0	0	0	0	0	0	3,874	
0 127	NETWORK EQUIPMENT LIFE CYCLE REPLA-CHANGE IN SCOPE	CW	S3	03	-74	75	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	
0 128	SCADA MASTER PLAN	CW	S6	04	0	0	0	0	210	210	1,585	1,795	0	0	0	0	1,795	0	0	0	0	0	0	0	1,795	
Sub-total					7,931	12,703	12,177	8,309	6,804	47,924	14,730	62,654	0	0	0	0	62,654	0	0	0	0	0	0	0	0	62,654
WAT906340 METERING & METER READING SYS																										

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						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable	Total Financing		
WAT906340 METERING & METER READING SYS																									
0	20	AUTOMATED METER READING SYSTEM	CW	S2	04	4,534	1,500	1,500	1,500	1,500	10,534	6,000	16,534	0	0	0	0	16,534	0	0	0	0	0	16,534	
0	21	AUTOMATED METER READING SYSTEM-CHANGE IN SCOPE	CW	S3	04	365	0	0	0	0	365	0	365	0	0	0	0	365	0	0	0	0	0	365	
Sub-total						4,899	1,500	1,500	1,500	1,500	10,899	6,000	16,899	0	0	0	0	16,899	0	0	0	0	0	16,899	
WAT906468 HORGAN TRUNK MAIN EXPANSION																									
0	44	DOWNSVIEW MAIN-KEELE PS TO DOWNSVIEW CONS	CW	S6	05	0	1,000	16,000	16,000	17,000	50,000	10,000	60,000	0	0	39,000	0	21,000	0	0	0	0	0	60,000	
0	52	DOWNSVIEW MAIN (KEELE PS TO DOWNSVIEW) ENGINEERING	CW	S2	05	1,500	1,900	700	700	700	5,500	380	5,880	0	0	5,880	0	0	0	0	0	0	0	5,880	
0	54	DOWNSVIEW MAIN (KEELE PS TO DOWNSV-CHANGE IN SCOPE	CW	S3	05	-500	-452	-50	-50	0	-1,052	-79	-1,131	0	0	-2,442	0	1,311	0	0	0	0	0	-1,131	
Sub-total						1,000	2,448	16,650	16,650	17,700	54,448	10,301	64,749	0	0	42,438	0	22,311	0	0	0	0	0	64,749	
WAT906470 ISLAND W.T.P. R&R																									
0	8	CHEMICAL & RESIDUALS MANAGMENT ENGINEERING	CW	S2	02	1,917	1,163	1,280	1,129	367	5,856	0	5,856	0	0	0	0	5,856	0	0	0	0	0	5,856	
0	11	CHEMICAL & RESIDUALS MANAGEMENT CONST	CW	S2	02	903	15,000	18,000	7,400	0	41,303	0	41,303	0	0	6,111	0	35,192	0	0	0	0	0	41,303	
0	36	CHEMICAL & RESIDUALS MANAGMENT ENG-CHANGE IN SCOPE	CW	S3	02	-264	466	50	341	63	656	197	853	0	0	0	0	853	0	0	0	0	0	853	
0	37	CHEMICAL & RESIDUALS MANAGEMENT CO-CHANGE IN SCOPE	CW	S3	02	-772	-10,002	-6,000	7,600	9,250	76	0	76	0	0	-2,124	0	2,200	0	0	0	0	0	76	
Sub-total						1,784	6,627	13,330	16,470	9,680	47,891	197	48,088	0	0	3,987	0	44,101	0	0	0	0	0	0	48,088
WAT906481 DISTRICT WATERMAINS - NEW																									
0	1	NEW WATERMAIN	CW	S2	05	500	500	0	0	0	1,000	0	1,000	0	0	1,000	0	0	0	0	0	0	0	1,000	
0	3	NEW WM - 10 YEAR	CW	S6	05	0	0	0	500	500	1,000	2,500	3,500	0	0	2,275	0	1,225	0	0	0	0	0	3,500	
0	18	NEW WATERMAIN-CHANGE IN SCOPE	CW	S3	05	-490	0	500	0	0	10	0	10	0	0	-340	0	350	0	0	0	0	0	10	
Sub-total						10	500	500	500	500	2,010	2,500	4,510	0	0	2,935	0	1,575	0	0	0	0	0	0	4,510
WAT906483 PW ENGINEERING																									
0	2	CAPITAL PROGRAMMING & FACILITY ASSET PLANNING	CW	S2	03	2,519	4,140	2,000	1,000	0	9,659	0	9,659	0	0	0	0	9,659	0	0	0	0	0	9,659	
0	5	WATERMAIN ASSET PLANNING	CW	S2	03	2,059	1,420	1,365	1,170	900	6,914	1,570	8,484	0	0	1,281	0	3,846	0	0	3,357	0	0	8,484	
0	22	WATER LOSS REDUCTION STRATEGY	CW	S2	03	981	1,038	1,000	1,000	0	4,019	0	4,019	0	0	0	0	4,019	0	0	0	0	0	4,019	
0	37	ASSET MGMT SYSTEM IMPLEMENTATION	CW	S2	04	1,020	1,000	1,000	1,000	1,000	5,020	500	5,520	0	0	1,380	0	4,140	0	0	0	0	0	5,520	
0	38	WATERMAIN ASSET PLANNING - 10 YEAR	CW	S6	04	0	0	160	475	475	1,110	2,375	3,485	0	0	565	0	2,920	0	0	0	0	0	3,485	

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						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
<u>WAT906483 PW ENGINEERING</u>																								
0	53	EASEMENT ACQUISITION - 10 YEAR	CW	S6	04	0	0	0	500	500	1,000	2,500	3,500	0	0	0	0	3,500	0	0	0	0	0	3,500
0	78	JOS UPDATE PHASE II	CW	S2	05	190	0	0	0	0	190	0	190	0	0	95	0	0	0	0	95	0	0	190
0	81	EASEMENT ACQUISITION	CW	S2	04	500	500	0	0	0	1,000	0	1,000	0	0	0	0	1,000	0	0	0	0	0	1,000
0	82	JOS UPDATE PHASE II-CHANGE IN SCOPE	CW	S3	05	-100	71	0	0	0	-29	0	-29	0	0	-27	0	12	0	0	-14	0	0	-29
0	83	CAPITAL PROGRAMMING & FACILITY ASS-CHANGE IN SCOPE	CW	S3	03	-1,244	-2,657	-940	0	1,000	-3,841	0	-3,841	0	0	0	0	-3,841	0	0	0	0	0	-3,841
0	84	ASSET MGMT SYSTEM IMPLEMENTATION-CHANGE IN SCOPE	CW	S3	04	-84	111	-250	-450	0	-673	2,500	1,827	0	0	-102	0	1,929	0	0	0	0	0	1,827
0	85	WATERMAIN ASSET PLANNING-CHANGE IN SCOPE	CW	S3	03	-417	2,178	1,193	371	0	3,325	0	3,325	0	0	-36	0	2,044	0	0	1,317	0	0	3,325
0	86	WATER LOSS REDUCTION STRATEGY-CHANGE IN SCOPE	CW	S3	03	-671	-138	63	0	500	-246	0	-246	0	0	0	0	-246	0	0	0	0	0	-246
0	87	EASEMENT ACQUISITION-CHANGE IN SCOPE	CW	S3	04	761	0	500	0	0	1,261	0	1,261	0	0	0	0	1,261	0	0	0	0	0	1,261
0	88	JOS UPDATE PHASE III	CW	S6	05	0	250	500	250	0	1,000	0	1,000	0	0	325	0	175	0	0	500	0	0	1,000
0	89	YORK REGION SHARED STUDIES	CW	S6	05	0	200	200	300	300	1,000	0	1,000	0	0	0	0	500	0	0	500	0	0	1,000
Sub-total						5,514	8,113	6,791	5,616	4,675	30,709	9,445	40,154	0	0	3,481	0	30,918	0	0	5,755	0	0	40,154
<u>WAT906752 TRANSMISSION R&R</u>																								
0	49	TRUNK WATERMAIN REHAB	CW	S2	03	420	400	400	400	400	2,020	1,600	3,620	0	0	0	0	3,620	0	0	0	0	0	3,620
0	50	TRUNK WATERMAIN REHAB	CW	S6	03	0	0	0	0	0	0	1,975	1,975	0	0	0	0	1,975	0	0	0	0	0	1,975
0	51	CAST IRON TRUNK REPLC - PHASE 2	CW	S2	03	456	110	0	0	0	566	0	566	0	0	0	0	566	0	0	0	0	0	566
0	52	CAST IRON TRUNK REPLC - PHASE 3 - ENGINEERING	CW	S2	03	1,458	0	0	0	0	1,458	0	1,458	0	0	0	0	1,458	0	0	0	0	0	1,458
0	85	CAST IRON TRUNK REPLC - PHASE 3 - CONSTRUCTION	CW	S2	03	9	0	0	0	0	9	0	9	0	0	0	0	9	0	0	0	0	0	9
0	86	TRUNK WATERMAIN REHAB-CHANGE IN SCOPE	CW	S3	03	50	0	0	0	0	50	-1,600	-1,550	0	0	0	0	-1,550	0	0	0	0	0	-1,550
0	87	CAST IRON TRUNK REPLC - PHASE 3 - -CHANGE IN SCOPE	CW	S3	03	-9	0	0	0	0	-9	0	-9	0	0	0	0	-9	0	0	0	0	0	-9
0	88	CAST IRON TRUNK REPLC - PHASE 3 - -CHANGE IN SCOPE	CW	S3	03	-984	1,230	0	0	0	246	0	246	0	0	0	0	246	0	0	0	0	0	246
0	89	CAST IRON TRUNK REPLC - PHASE 2-CHANGE IN SCOPE	CW	S3	03	-110	161	30	0	0	81	0	81	0	0	0	0	81	0	0	0	0	0	81
0	90	CAST IRON TRUNK REPLC - PHASE 4 - ENGINEERING	CW	S4	03	550	2,300	1,000	800	1,400	6,050	1,400	7,450	0	0	0	0	7,450	0	0	0	0	0	7,450
Sub-total						1,840	4,201	1,430	1,200	1,800	10,471	3,375	13,846	0	0	0	0	13,846	0	0	0	0	0	13,846

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Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.																				
WAT906900		TRANSMISSION R&B																							
0	1	TRANS FACILITIES REHAB	CW	S2	03	850	850	850	850	1,200	4,600	0	4,600	0	0	0	0	4,600	0	0	0	0	0	0	4,600
0	7	RESERVOIR REHAB - FUTURE - ENG	CW	S6	03	0	0	0	150	1,800	1,950	5,150	7,100	0	0	0	0	7,100	0	0	0	0	0	0	7,100
0	36	ST CLAIR RESERVOIR REHAB/WATER QUALITY PROTECTION	CW	S2	03	894	17	7	0	0	918	0	918	0	0	0	0	918	0	0	0	0	0	0	918
0	43	DOWNSVIEW PS - Construction	CW	S6	05	0	1,000	2,000	3,000	0	6,000	0	6,000	0	0	3,900	0	2,100	0	0	0	0	0	0	6,000
0	44	PUMPING STATION REHAB - ENG	CW	S2	03	572	900	860	1,060	1,825	5,217	5,375	10,592	0	0	0	0	10,592	0	0	0	0	0	0	10,592
0	45	PS REHAB - FUTURE - CONSTRUCTION	CW	S6	03	0	0	2,000	6,750	9,600	18,350	35,250	53,600	0	0	0	0	53,600	0	0	0	0	0	0	53,600
0	48	ROSEHILL RESERVOIR	CW	S2	03	9,312	9,535	37	17	0	18,901	0	18,901	0	0	0	0	18,901	0	0	0	0	0	0	18,901
0	50	PARKDALE PS REHABILITATION	CW	S2	03	915	8	0	0	0	923	0	923	0	0	0	0	923	0	0	0	0	0	0	923
0	51	ROSEHILL PS REHAB	CW	S2	03	1,732	290	0	0	0	2,022	0	2,022	0	0	0	0	2,022	0	0	0	0	0	0	2,022
0	70	TRANS FACILITIES REHAB - 10 YEAR	CW	S6	03	0	0	0	0	0	0	4,250	4,250	0	0	0	0	4,250	0	0	0	0	0	0	4,250
0	72	RESERVOIR REHAB - PHASE 2 - ENG	CW	S2	03	341	400	470	10	7	1,228	0	1,228	0	0	0	0	1,228	0	0	0	0	0	0	1,228
0	74	PS REHAB - PHASE 2 - ENG	CW	S2	03	1,154	826	953	25	0	2,958	0	2,958	0	0	0	0	2,958	0	0	0	0	0	0	2,958
0	91	SCARBOROUGH RESERVOIR SURGE TANK	CW	S2	03	492	4,600	4,200	550	95	9,937	30	9,967	0	0	0	0	9,967	0	0	0	0	0	0	9,967
0	92	RESERVOIR REHAB - PHASE 2 - CONSTRUCTION	CW	S4	03	1,500	10,000	5,150	2,650	0	19,300	0	19,300	0	0	0	0	19,300	0	0	0	0	0	0	19,300
0	93	RESERVOIR REHAB - FUTURE - CONSTRUCTION	CW	S6	03	0	0	0	0	0	0	35,500	35,500	0	0	0	0	35,500	0	0	0	0	0	0	35,500
0	94	PS REHAB - PHASE 2 - CONSTRUCTION	CW	S2	03	4,100	10,500	6,500	0	0	21,100	0	21,100	0	0	0	0	21,100	0	0	0	0	0	0	21,100
0	96	DOWNSVIEW PS & CONNECTOR EA	CW	S2	05	165	0	0	0	0	165	0	165	0	0	165	0	0	0	0	0	0	0	0	165
0	101	ELEVATED TANKS REPLACEMENT	CW	S6	03	0	0	0	0	25	25	2,100	2,125	0	0	0	0	2,125	0	0	0	0	0	0	2,125
0	107	PUMP REPLACEMENTS	CW	S2	03	1,864	0	0	0	0	1,864	0	1,864	0	0	0	0	1,864	0	0	0	0	0	0	1,864
0	108	SCARBOROUGH RESERVOIR SURGE TANK-CHANGE IN SCOPE	CW	S3	03	-157	-4,205	-2,750	3,860	3,570	318	15	333	0	0	0	0	333	0	0	0	0	0	0	333
0	109	ST CLAIR RESERVOIR REHAB/WATER QUA-CHANGE IN SCOPE	CW	S3	03	-466	287	0	0	0	-179	0	-179	0	0	0	0	-179	0	0	0	0	0	0	-179
0	110	RESERVOIR REHAB - PHASE 2 - ENG-CHANGE IN SCOPE	CW	S3	03	-44	-55	-134	190	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	111	ROSEHILL PS REHAB-CHANGE IN SCOPE	CW	S3	03	-919	974	0	0	0	55	0	55	0	0	0	0	55	0	0	0	0	0	0	55
0	112	ROSEHILL RESERVOIR-CHANGE IN SCOPE	CW	S3	03	166	-5,065	5,677	0	0	778	0	778	0	0	0	0	778	0	0	0	0	0	0	778

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<u>WAT906900 TRANSMISSION R&R</u>																									
0	113	PS REHAB - PHASE 2 - ENG-CHANGE IN SCOPE	CW	S3	03	-208	146	-27	100	61	72	0	72	0	0	0	0	72	0	0	0	0	0	72	
0	114	PUMP REPLACEMENTS-CHANGE IN SCOPE	CW	S3	03	-159	275	0	0	0	116	0	116	0	0	0	0	116	0	0	0	0	0	116	
0	115	PUMPING STATION REHAB - Engineerin-CHANGE IN SCOPE	CW	S3	03	-172	-525	-345	-660	-1,675	-3,377	-5,335	-8,712	0	0	0	0	-8,712	0	0	0	0	0	-8,712	
0	116	DOWNSVIEW PS & CONNECTOR EA-CHANGE IN SCOPE	CW	S3	05	-165	0	0	0	0	-165	0	-165	0	0	-165	0	0	0	0	0	0	0	-165	
0	117	PS REHAB - PHASE 2 - CONSTRUCTION-CHANGE IN SCOPE	CW	S3	03	1,200	-3,563	1,800	0	0	-563	0	-563	0	0	0	0	-563	0	0	0	0	0	-563	
0	118	PARKDALE PS REHABILITATION-CHANGE IN SCOPE	CW	S3	03	-603	516	0	0	0	-87	0	-87	0	0	0	0	-87	0	0	0	0	0	-87	
0	119	PS REHAB - FUTURE - ENG	CW	S6	03	0	300	460	710	1,800	3,270	5,450	8,720	0	0	0	0	8,720	0	0	0	0	0	8,720	
Sub-total						22,364	28,011	27,708	19,262	18,351	115,696	87,785	203,481	0	0	3,900	0	199,581	0	0	0	0	0	203,481	
<u>WAT906902 HARRIS W.T.P. R&R</u>																									
0	3	FACILITY & PROCESS UPGRADES	CW	S2	03	603	555	556	0	0	1,714	0	1,714	0	0	0	0	1,714	0	0	0	0	0	1,714	
0	21	HVAC REHAB CONSTRUCTION	CW	S2	03	4,668	4,035	121	0	0	8,824	0	8,824	0	0	0	0	8,824	0	0	0	0	0	8,824	
0	29	HARRIS FILTERS REHABILITATION - PILOT	CW	S2	03	5,770	5,775	1,050	24	0	12,619	0	12,619	0	0	0	0	12,619	0	0	0	0	0	12,619	
0	56	REHAB OF SETTLING BASIN ROOF & SLUICE GATES	CW	S2	03	227	13	0	0	0	240	0	240	0	0	0	0	240	0	0	0	0	0	240	
0	70	FILTER MEDIA UPGRADE - FUTURE	CW	S6	03	0	150	0	150	0	300	0	300	0	0	0	0	300	0	0	0	0	0	300	
0	71	FACILITY & PROCESS UPGRADES - FUTURE	CW	S6	03	0	0	0	0	500	500	2,500	3,000	0	0	0	0	3,000	0	0	0	0	0	3,000	
0	79	EXTERIOR SECURITY LIGHTING UPGRADES	CW	S2	03	0	0	100	550	550	1,200	0	1,200	0	0	0	0	1,200	0	0	0	0	0	1,200	
0	80	FACILITY INFRASTRUCTURE REHAB	CW	S2	03	2,040	0	0	0	0	2,040	0	2,040	0	0	0	0	2,040	0	0	0	0	0	2,040	
0	81	LIQUID CHEMICAL SYSTEM IMPROVEMENTS	CW	S2	04	189	0	0	0	0	189	0	189	0	0	0	0	189	0	0	0	0	0	189	
0	85	HARRIS FILTERS REHABILITATION	CW	S6	03	0	0	450	500	10,500	11,450	34,050	45,500	0	0	0	0	45,500	0	0	0	0	0	45,500	
0	98	HERITAGE MASONRY AND ARCHITECTURAL RESTORATION	CW	S2	03	200	200	200	0	0	600	0	600	0	0	0	0	600	0	0	0	0	0	600	
0	99	CONTROL ROOM RELOCATION	CW	S2	04	422	725	0	0	0	1,147	0	1,147	0	0	0	0	1,147	0	0	0	0	0	1,147	
0	100	EMERGENCY STANDBY POWER	CW	S2	04	3,579	134	0	0	0	3,713	0	3,713	0	0	0	0	3,713	0	0	0	0	0	3,713	
0	102	PHONE SYSTEM UPGRADE	CW	S2	03	0	70	510	0	0	580	0	580	0	0	0	0	580	0	0	0	0	0	580	
0	112	TRAVELLING SCREENS 3 & 5 UPGRADE	CW	S2	03	0	0	300	450	0	750	0	750	0	0	0	0	750	0	0	0	0	0	750	

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Water 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												
						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
<u>WAT906902 HARRIS W.T.P. R&R</u>																									
0	119	ENERGY OPTIMIZATION	CW	S2	04	2,050	5	0	0	0	2,055	0	2,055	0	0	0	0	2,055	0	0	0	0	0	2,055	
0	144	CONTROL ROOM RELOCATION-CHANGE IN SCOPE	CW	S3	04	108	-75	0	0	0	33	0	33	0	0	0	0	33	0	0	0	0	0	33	
0	145	REHAB OF SETTLING BASIN ROOF & SLU-CHANGE IN SCOPE	CW	S3	03	-160	100	0	0	0	-60	0	-60	0	0	0	0	-60	0	0	0	0	0	-60	
0	146	HARRIS FILTERS REHABILITATION - PI-CHANGE IN SCOPE	CW	S3	03	165	-3,071	1,263	0	0	-1,643	0	-1,643	0	0	0	0	-1,643	0	0	0	0	0	-1,643	
0	147	LIQUID CHEMICAL SYSTEM IMPROVEMENT-CHANGE IN SCOPE	CW	S3	04	-66	251	0	0	0	185	0	185	0	0	0	0	185	0	0	0	0	0	185	
0	148	FACILITY INFRASTRUCTURE REHAB-CHANGE IN SCOPE	CW	S3	03	16	900	0	0	0	916	0	916	0	0	0	0	916	0	0	0	0	0	916	
0	149	FACILITY & PROCESS UPGRADES-CHANGE IN SCOPE	CW	S3	03	0	22	0	500	0	522	0	522	0	0	0	0	522	0	0	0	0	0	522	
0	150	HVAC REHAB CONSTRUCTION-CHANGE IN SCOPE	CW	S3	03	-1,123	-190	4,965	1,411	0	5,063	0	5,063	0	0	0	0	5,063	0	0	0	0	0	5,063	
0	151	EMERGENCY STANDBY POWER-CHANGE IN SCOPE	CW	S3	04	-2,417	2,366	520	11	0	480	0	480	0	0	0	0	480	0	0	0	0	0	480	
0	152	ENERGY OPTIMIZATION-CHANGE IN SCOPE	CW	S3	04	-1,890	670	1,650	1,575	0	2,005	0	2,005	0	0	0	0	2,005	0	0	0	0	0	2,005	
Sub-total						14,381	12,635	11,685	5,171	11,550	55,422	36,550	91,972	0	0	0	0	91,972	0	0	0	0	0	91,972	
<u>WAT906903 FJ HORGAN W.T.P. R&R</u>																									
0	5	FACILITY & PROCESS UPGRADES	CW	S2	03	343	430	731	150	0	1,654	0	1,654	0	0	0	0	1,654	0	0	0	0	0	1,654	
0	15	REPLACEMENT OF MCCS	CW	S2	03	618	31	0	0	0	649	0	649	0	0	0	0	649	0	0	0	0	0	649	
0	28	FACILITY & PROCESS UPGRADES - FUTURE	CW	S6	03	0	0	0	0	200	200	1,000	1,200	0	0	0	0	1,200	0	0	0	0	0	1,200	
0	31	BUILDING FIRE, HVAC, LIGHTING UPGRADES	CW	S2	04	380	450	0	750	1,000	2,580	0	2,580	0	0	0	0	2,580	0	0	0	0	0	2,580	
0	32	ELEC GROUNDING SYSTEM & BULK CHEM UNLOADING IMPRO	CW	S2	04	460	1,910	540	10	11	2,931	0	2,931	0	0	0	0	2,931	0	0	0	0	0	2,931	
0	33	OFFICE RENOVATION	CW	S4	03	100	50	150	400	675	1,375	1,305	2,680	0	0	0	0	2,680	0	0	0	0	0	2,680	
0	34	TREATED WATER PUMP UPGRADES	CW	S2	04	14	0	0	0	0	14	0	14	0	0	0	0	14	0	0	0	0	0	14	
0	70	RAW WATER PUMP UGRADES	CW	S2	03	737	145	15	0	0	897	0	897	0	0	0	0	897	0	0	0	0	0	897	
0	71	BUILDING FIRE, HVAC, LIGHTING UPGR-CHANGE IN SCOPE	CW	S3	04	-330	0	450	0	0	120	0	120	0	0	0	0	120	0	0	0	0	0	120	
0	72	ELEC GROUNDING SYSTEM & BULK CHEM-CHANGE IN SCOPE	CW	S3	04	48	322	-174	17	-11	202	0	202	0	0	0	0	202	0	0	0	0	0	202	
0	73	FACILITY & PROCESS UPGRADES-CHANGE IN SCOPE	CW	S3	03	-70	-134	-475	50	0	-629	0	-629	0	0	0	0	-629	0	0	0	0	0	-629	
0	74	RAW WATER PUMP UGRADES-CHANGE IN SCOPE	CW	S3	03	-552	606	-5	0	0	49	0	49	0	0	0	0	49	0	0	0	0	0	49	

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Gross Expenditures (\$000's)

Water Program						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By												
						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat.	Cat.																				
<u>WAT906903 FJ HORGAN W.T.P. R&R</u>																									
0	75	REPLACEMENT OF MCCS-CHANGE IN SCOPE	CW	S3	03	-573	560	15	0	0	2	0	2	0	0	0	0	2	0	0	0	0	2		
0	76	OZONATION SYSTEM REHAB	CW	S4	03	250	300	2,930	1,520	5	5,005	20	5,025	0	0	0	0	5,025	0	0	0	0	0	5,025	
Sub-total						1,425	4,670	4,177	2,897	1,880	15,049	2,325	17,374	0	0	0	0	17,374	0	0	0	0	0	17,374	
<u>WAT906906 TRUNK WATERMAIN EXPANSION</u>																									
0	25	JOS - WM FROM SCAR PS TO ST. CLAIR& MIDLAND (ENG)	CW	S2	05	712	333	9	0	0	1,054	0	1,054	0	0	424	0	391	0	0	239	0	0	1,054	
0	66	JOS - WM SCAR PS TO ST. CLAIR&MIDLAND (CONST)	CW	S2	05	14,000	13,982	0	0	0	27,982	0	27,982	0	0	11,245	0	10,379	0	0	6,358	0	0	27,982	
0	74	JOS WM SCAR PS TO ST CLAIR AND MID-CHANGE IN SCOPE	CW	S3	05	-212	244	2	0	0	34	0	34	0	0	-69	0	95	0	0	8	0	0	34	
0	75	JOS - WM SCAR PS TO ST. CLAIR&MIDL-CHANGE IN SCOPE	CW	S3	05	1,935	-1,907	0	0	0	28	0	28	0	0	-1,687	0	1,710	0	0	5	0	0	28	
Sub-total						16,435	12,652	11	0	0	29,098	0	29,098	0	0	9,913	0	12,575	0	0	6,610	0	0	29,098	
<u>WAT906914 SWITCH GEAR TRANSFORMER</u>																									
0	29	INDOOR/OUTDOOR SWITCHGEAR (PHASE 4)	CW	S2	03	5,890	5,350	5,350	5,350	2,635	24,575	25	24,600	0	0	0	0	24,600	0	0	0	0	0	24,600	
0	32	INDOOR/OUTDOOR SWITCHGEAR (PHASE 3)	CW	S2	03	752	0	0	0	0	752	0	752	0	0	0	0	752	0	0	0	0	0	752	
0	34	INDOOR/OUTDOOR SWITCHGEAR (PHASE 4-CHANGE IN SCOPE)	CW	S3	03	-5,540	-2,600	50	50	2,765	-5,275	5,451	176	0	0	0	0	176	0	0	0	0	0	176	
0	35	INDOOR/OUTDOOR SWITCHGEAR (PHASE 3-CHANGE IN SCOPE)	CW	S3	03	-622	635	0	0	0	13	0	13	0	0	0	0	13	0	0	0	0	0	13	
Sub-total						480	3,385	5,400	5,400	5,400	20,065	5,476	25,541	0	0	0	0	25,541	0	0	0	0	0	0	25,541
<u>WAT906918 WATER SUSTAINABILITY PROGRAM</u>																									
0	1	WATER SUSTAINABILITY PROG STANDBY POWER-ELLESHERE	CW	S2	04	3,577	4,457	3,997	10	0	12,041	0	12,041	0	0	1,244	0	7,171	0	0	3,626	0	0	12,041	
0	12	STANDBY POWER - ROSEHILL	CW	S2	04	3,468	14	14	0	0	3,496	0	3,496	0	0	361	0	2,087	0	0	1,048	0	0	3,496	
0	25	WATER SUSTAINABILITY PROGRAM-CHANGE IN SCOPE	CW	S3	04	4,754	-587	-3,987	0	0	180	0	180	0	0	-120	0	247	0	0	53	0	0	180	
0	26	STANDBY POWER - ROSEHILL-CHANGE IN SCOPE	CW	S3	04	-1,753	1,750	0	0	0	-3	0	-3	0	0	-63	0	60	0	0	0	0	0	-3	
Sub-total						10,046	5,634	24	10	0	15,714	0	15,714	0	0	1,422	0	9,565	0	0	4,727	0	0	15,714	
<u>WAT906919 RL CLARK W.T.P. R&R</u>																									
0	1	FACILITY & PROCESS UPGRADES	CW	S2	03	253	255	256	0	0	764	0	764	0	0	0	0	764	0	0	0	0	0	764	
0	8	PROCESS EQUIPMENT UPGRADE ENGINEERING	CW	S2	03	846	60	35	0	0	941	0	941	0	0	139	0	802	0	0	0	0	0	941	
0	12	FACILITY & PROCESS UPGRADES - FUTURE	CW	S6	03	0	0	0	0	250	250	1,250	1,500	0	0	0	0	1,500	0	0	0	0	0	1,500	

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Water 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												
						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing		
<u>WAT906919 RL CLARK W.T.P. R&R</u>																									
0	15	PROCESS EQUIPMENT UPGRADE CONSTRUCTION	CW	S2	03	1,689	0	0	0	0	1,689	0	1,689	0	0	250	0	1,439	0	0	0	0	0	1,689	
0	80	PROCESS EQUIPMENT UPGRADE CONSTRUC-CHANGE IN SCOPE	CW	S3	03	-989	0	0	0	0	-989	0	-989	0	0	-146	0	-843	0	0	0	0	0	-989	
0	81	PROCESS EQUIPMENT UPGRADE ENGINEER-CHANGE IN SCOPE	CW	S3	03	-471	416	247	0	0	192	0	192	0	0	-11	0	203	0	0	0	0	0	192	
0	82	FACILITY & PROCESS UPGRADES-CHANGE IN SCOPE	CW	S3	03	200	150	50	250	0	650	0	650	0	0	0	0	650	0	0	0	0	0	650	
0	83	REHAB OF GROUNDS & BUILDINGS	CW	S6	03	0	160	2,650	780	5	3,595	5	3,600	0	0	0	0	3,600	0	0	0	0	0	3,600	
Sub-total						1,528	1,041	3,238	1,030	255	7,092	1,255	8,347	0	0	232	0	8,115	0	0	0	0	0	8,347	
<u>WAT906930 DIST W/M REPLACEMENT</u>																									
0	4	10 YEAR WATERMAIN REPLACEMENT	CW	S6	03	0	0	0	73,500	95,000	168,500	475,000	643,500	0	0	32,141	0	611,359	0	0	0	0	0	643,500	
0	21	2011 WM REPLC	CW	S2	03	4	0	0	0	0	4	0	4	0	0	0	0	4	0	0	0	0	0	4	
0	42	10 YEAR WATERMAIN UPGRADES	CW	S6	05	0	0	0	13,500	17,500	31,000	92,500	123,500	0	0	40,141	0	83,359	0	0	0	0	0	123,500	
0	55	WATERMAIN REPLACEMENT - METROLINX	CW	S2	03	2,104	2,916	20	0	0	5,040	0	5,040	0	0	0	0	5,040	0	0	0	0	0	5,040	
0	83	DIST W/M REPLACEMENT - 2017	CW	S2	03	1,609	0	0	0	0	1,609	0	1,609	0	0	125	0	1,484	0	0	0	0	0	1,609	
0	85	DIST W/M REPLACEMENT - 2018	CW	S2	03	16,372	8,107	105	0	0	24,584	0	24,584	0	0	1,889	0	22,695	0	0	0	0	0	24,584	
0	86	WATERMAIN UPGRADES - 2018	CW	S2	05	9,041	0	0	0	0	9,041	0	9,041	0	0	4,521	0	4,520	0	0	0	0	0	9,041	
0	110	DIST W/M REPLACEMENT - 2019-2021	CW	S2	03	85,283	105,626	29,714	6,130	0	226,753	0	226,753	0	0	2,778	0	223,975	0	0	0	0	0	226,753	
0	111	WATERMAIN UPGRADES - 2019-2021	CW	S2	05	19,200	22,519	4,845	2,434	0	48,998	0	48,998	0	0	9,396	0	39,602	0	0	0	0	0	48,998	
0	112	DIST W/M REPLACEMENT - 2014	CW	S2	03	339	0	0	0	0	339	0	339	0	0	26	0	313	0	0	0	0	0	339	
0	113	DIST W/M REPLACEMENT - 2015	CW	S2	03	2,163	0	0	0	0	2,163	0	2,163	0	0	166	0	1,997	0	0	0	0	0	2,163	
0	117	WATERMAIN UPGRADES - 2015	CW	S2	05	0	0	0	0	0	0	0	0	0	0	1	0	-1	0	0	0	0	0	0	
0	118	WATERMAIN UPGRADES - 2016	CW	S2	05	641	0	0	0	0	641	0	641	0	0	321	0	320	0	0	0	0	0	641	
0	119	WATERMAIN UPGRADES - 2017	CW	S2	05	289	0	0	0	0	289	0	289	0	0	145	0	144	0	0	0	0	0	289	
0	120	DIST W/M REPLACEMENT - 2016	CW	S2	03	3,451	0	0	0	0	3,451	0	3,451	0	0	264	0	3,187	0	0	0	0	0	3,451	
0	131	WATERMAIN REPLACEMENT - METROLINX-CHANGE IN SCOPE	CW	S3	03	-491	-240	478	0	0	-253	0	-253	0	0	0	0	-253	0	0	0	0	0	-253	
0	132	DIST W/M REPLACEMENT - 2014-CHANGE IN SCOPE	CW	S3	03	-324	270	0	0	0	-54	0	-54	0	0	-12	0	-42	0	0	0	0	0	-54	

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Water Program

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By									
					2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable	Total Financing	
WAT906930 DIST W/M REPLACEMENT																							
0 133	DIST W/M REPLACEMENT - 2015-CHANGE IN SCOPE	CW	S3	03	-2,153	965	0	0	0	-1,188	0	-1,188	0	0	-117	0	-1,071	0	0	0	0	-1,188	
0 134	DIST W/M REPLACEMENT - 2016-CHANGE IN SCOPE	CW	S3	03	-3,331	561	0	0	0	-2,770	0	-2,770	0	0	-227	0	-2,543	0	0	0	0	-2,770	
0 135	DIST W/M REPLACEMENT - 2017-CHANGE IN SCOPE	CW	S3	03	-1,498	997	0	0	0	-501	0	-501	0	0	-66	0	-435	0	0	0	0	-501	
0 136	DIST W/M REPLACEMENT - 2018-CHANGE IN SCOPE	CW	S3	03	-8,744	5,950	-39	0	0	-2,833	0	-2,833	0	0	-598	0	-2,235	0	0	0	0	-2,833	
0 137	DIST W/M REPLACEMENT - 2019-2021-CHANGE IN SCOPE	CW	S3	03	1,094	14,227	6,752	8,291	837	31,201	0	31,201	0	0	12,431	0	18,770	0	0	0	0	31,201	
0 138	WATERMAIN UPGRADES - 2015-CHANGE IN SCOPE	CW	S3	05	0	0	0	0	0	0	0	0	0	0	-1	0	1	0	0	0	0	0	
0 139	WATERMAIN UPGRADES - 2016-CHANGE IN SCOPE	CW	S3	05	-562	162	0	0	0	-400	0	-400	0	0	-228	0	-172	0	0	0	0	-400	
0 140	WATERMAIN UPGRADES - 2017-CHANGE IN SCOPE	CW	S3	05	-269	90	0	0	0	-179	0	-179	0	0	-106	0	-73	0	0	0	0	-179	
0 141	WATERMAIN UPGRADES - 2018-CHANGE IN SCOPE	CW	S3	05	-8,252	3,216	2,399	0	0	-2,637	0	-2,637	0	0	-2,301	0	-336	0	0	0	0	-2,637	
0 142	WATERMAIN UPGRADES - 2019-2021-CHANGE IN SCOPE	CW	S3	05	4,016	-723	5,227	1,217	487	10,224	0	10,224	0	0	13,914	0	-3,690	0	0	0	0	10,224	
0 143	DIST W/M REPLACEMENT - 2022	CW	S6	03	0	0	59,321	19,710	19,517	98,548	0	98,548	0	0	4,923	0	93,625	0	0	0	0	98,548	
0 144	WATERMAIN UPGRADES - 2022	CW	S6	05	0	0	10,454	3,660	3,560	17,674	0	17,674	0	0	5,745	0	11,929	0	0	0	0	17,674	
Sub-total					119,982	164,643	119,276	128,442	136,901	669,244	567,500	1,236,744	0	0	125,271	0	1,111,473	0	0	0	0	1,236,744	
WAT906932 DIST W/M REHABILITATION																							
0 3	10 YEAR WATERMAIN REHABILITATION	CW	S6	03	0	0	49,015	65,500	69,000	183,515	330,300	513,815	0	0	0	0	513,815	0	0	0	0	513,815	
0 6	WATERMAIN STRUCTURAL LINING	CW	S2	03	73,979	32,799	175	0	0	106,953	0	106,953	0	0	0	0	106,953	0	0	0	0	106,953	
0 7	CATHODIC PROTECTION	CW	S2	03	5,256	300	300	0	0	5,856	0	5,856	0	0	0	0	5,856	0	0	0	0	5,856	
0 34	CUT REPAIR - FUTURE	CW	S6	03	0	196	196	1,260	1,260	2,912	6,300	9,212	0	0	0	0	9,212	0	0	0	0	9,212	
0 59	PRV INSPECTION & RENEWAL	CW	S2	03	2,019	0	0	0	0	2,019	0	2,019	0	0	0	0	2,019	0	0	0	0	2,019	
0 60	INFRASTRUCTURE REHAB & UPGRADES - METROLINX	CW	S2	03	75	75	0	0	0	150	0	150	0	0	0	0	150	0	0	0	0	150	
0 63	HYDRANT & VALVE REPAIR	CW	S2	03	1,089	0	0	0	0	1,089	0	1,089	0	0	0	0	1,089	0	0	0	0	1,089	
0 64	CUT REPAIR	CW	S2	03	2,584	2,584	445	0	0	5,613	0	5,613	0	0	0	0	5,613	0	0	0	0	5,613	
0 66	INFRASTRUCTURE REHAB & UPGRADES --CHANGE IN SCOPE	CW	S3	03	0	0	75	0	0	75	0	75	0	0	0	0	75	0	0	0	0	75	
0 67	WATERMAIN STRUCTURAL LINING-CHANGE IN SCOPE	CW	S3	03	-20,889	32,412	43,294	15,521	100	70,438	100	70,538	0	0	0	0	70,538	0	0	0	0	70,538	

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Water 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										
						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt
WAT906932 DIST W/M REHABILITATION																						
0	68	PRV INSPECTION & RENEWAL-CHANGE IN SCOPE	CW	S3	03	-1,314	1,089	0	0	0	-225	0	-225	0	0	0	0	0	0	0	-225	
0	69	HYDRANT & VALVE REPAIR-CHANGE IN SCOPE	CW	S3	03	55	1,000	1,000	800	0	2,855	0	2,855	0	0	0	0	0	0	0	2,855	
0	70	CATHODIC PROTECTION-CHANGE IN SCOPE	CW	S3	03	-2,156	3,772	1,222	500	0	3,338	0	3,338	0	0	0	0	0	0	0	3,338	
0	71	CUT REPAIR-CHANGE IN SCOPE	CW	S3	03	46	87	964	0	0	1,097	0	1,097	0	0	0	0	0	0	0	1,097	
Sub-total						60,744	74,314	96,686	83,581	70,360	385,685	336,700	722,385	0	0	0	0	722,385	0	0	0	722,385
WAT906934 DIST WATER SERVICE REPAIR																						
0	4	10 YR WATER SERVICE REPAIR - LEAD PROGRAM	CW	S6	02	0	0	0	8,750	9,750	18,500	48,750	67,250	0	0	0	0	67,250	0	0	0	67,250
0	6	10 YR WATER SERVICE REPAIR - SOGR	CW	S6	02	0	0	0	10,000	15,000	25,000	93,000	118,000	0	0	0	0	118,000	0	0	0	118,000
0	12	WATER SERVICE REPAIR - LEAD PROGRAM	CW	S2	02	14,017	5,750	4,050	0	0	23,817	0	23,817	0	0	0	0	23,817	0	0	0	23,817
0	45	WSR CUT REPAIR - FUTURE	CW	S6	02	0	1,098	1,098	6,496	6,496	15,188	32,480	47,668	0	0	0	0	47,668	0	0	0	47,668
0	71	WATER SERVICE REPAIR - WM REHAB PROGRAM	CW	S2	02	16,378	5,500	6,000	0	0	27,878	0	27,878	0	0	0	0	27,878	0	0	0	27,878
0	72	10 YR WATER SERVICE REPAIR - WITH WM SL	CW	S6	02	0	0	4,000	8,000	10,000	22,000	50,000	72,000	0	0	0	0	72,000	0	0	0	72,000
0	73	WATER SERVICE REPLACEMENT - TUNNEL	CW	S6	02	0	10	2,000	2,000	2,000	6,010	1,500	7,510	0	0	0	0	7,510	0	0	0	7,510
0	85	2018 WATER SERVICE REPLACEMENT - SOGR	CW	S2	02	4,231	4,252	0	0	0	8,483	0	8,483	0	0	0	0	8,483	0	0	0	8,483
0	108	2019-2021 WATER SERVICE REPLACEMENT - SOGR	CW	S2	02	19,000	23,000	8,000	3,000	0	53,000	0	53,000	0	0	0	0	53,000	0	0	0	53,000
0	109	2015 WATER SERVICE REPLACEMENT - SOGR	CW	S2	02	1,034	0	0	0	0	1,034	0	1,034	0	0	0	0	1,034	0	0	0	1,034
0	110	2016 WATER SERVICE REPLACEMENT - SOGR	CW	S2	02	3,547	0	0	0	0	3,547	0	3,547	0	0	0	0	3,547	0	0	0	3,547
0	111	2017 WATER SERVICE REPLACEMENT - SOGR	CW	S2	02	3,112	0	0	0	0	3,112	0	3,112	0	0	0	0	3,112	0	0	0	3,112
0	116	WSR CUT REPAIR	CW	S2	03	7,854	7,854	675	0	0	16,383	0	16,383	0	0	0	0	16,383	0	0	0	16,383
0	119	2014 WATER SERVICE REPLACEMENT - SOGR	CW	S2	02	124	0	0	0	0	124	0	124	0	0	0	0	124	0	0	0	124
0	121	WSR CUT REPAIRS WITH WM SL	CW	S2	02	675	675	675	0	0	2,025	0	2,025	0	0	0	0	2,025	0	0	0	2,025
0	125	WATER SERVICE REPAIR - WM REHAB PR-CHANGE IN SCOPE	CW	S3	02	-9,385	6,407	3,061	2,000	0	2,083	0	2,083	0	0	0	0	2,083	0	0	0	2,083
0	126	2018 WATER SERVICE REPLACEMENT - S-CHANGE IN SCOPE	CW	S3	02	212	-559	0	0	0	-347	0	-347	0	0	0	0	-347	0	0	0	-347
0	127	2019-2021 WATER SERVICE REPLACEMENT-CHANGE IN SCOPE	CW	S3	02	94	-622	-52	1,424	0	844	0	844	0	0	0	0	844	0	0	0	844

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Water Program

Sub-Project No.	Project Name	Ward	Stat.	Cat.	Current and Future Year Cash Flow Commitments									Current and Future Year Cash Flow Commitments Financed By									
					2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
WAT906934 DIST WATER SERVICE REPAIR																							
0 128	WATER SERVICE REPAIR - LEAD PROGRA-CHANGE IN SCOPE	CW	S3	02	-6,404	3,931	2,950	1,000	0	1,477	0	1,477	0	0	0	0	1,477	0	0	0	0	0	1,477
0 129	2014 WATER SERVICE REPLACEMENT - S-CHANGE IN SCOPE	CW	S3	02	-114	59	0	0	0	-55	0	-55	0	0	0	-55	0	0	0	0	0	0	-55
0 130	2015 WATER SERVICE REPLACEMENT - S-CHANGE IN SCOPE	CW	S3	02	-1,019	580	0	0	0	-439	0	-439	0	0	0	-439	0	0	0	0	0	0	-439
0 131	2016 WATER SERVICE REPLACEMENT - S-CHANGE IN SCOPE	CW	S3	02	-3,436	264	0	0	0	-3,172	0	-3,172	0	0	0	-3,172	0	0	0	0	0	0	-3,172
0 132	2017 WATER SERVICE REPLACEMENT - S-CHANGE IN SCOPE	CW	S3	02	-2,917	752	0	0	0	-2,165	0	-2,165	0	0	0	-2,165	0	0	0	0	0	0	-2,165
0 133	WSR CUT REPAIR-CHANGE IN SCOPE	CW	S3	03	-110	485	5,398	0	0	5,773	0	5,773	0	0	0	5,773	0	0	0	0	0	0	5,773
0 134	2022 WATER SERVICE REPLACEMENT - SOG	CW	S6	02	0	0	8,000	6,000	4,000	18,000	0	18,000	0	0	0	18,000	0	0	0	0	0	0	18,000
0 135	WSR CUT REPAIRS WITH WM SL-CHANGE IN SCOPE	CW	S3	02	35	0	0	0	0	35	0	35	0	0	0	35	0	0	0	0	0	0	35
Sub-total					46,928	59,436	45,855	48,670	47,246	248,135	225,730	473,865	0	0	0	0	473,865	0	0	0	0	0	473,865
WAT906935 NEW SERVICE CONNECTIONS																							
0 14	NEW SERVICE CONNECTIONS - 10 YEAR	CW	S6	05	0	0	32,000	32,000	35,000	99,000	175,000	274,000	0	0	0	0	274,000	0	0	0	0	0	274,000
0 15	NEW SERVICE CONNECTIONS - CUT REPAIRS - FUTURE	CW	S6	05	0	2,235	2,235	13,223	13,223	30,916	66,115	97,031	0	0	0	0	97,031	0	0	0	0	0	97,031
0 26	NEW SERVICE CONNECTIONS - SITE SERVICING	CW	S2	05	32,123	34,000	0	0	0	66,123	0	66,123	0	0	0	66,123	0	0	0	0	0	0	66,123
0 27	NEW SERVICE CONNECTIONS - CUT REPAIRS	CW	S2	05	18,758	18,758	4,634	0	0	42,150	0	42,150	0	0	0	42,150	0	0	0	0	0	0	42,150
0 28	NEW SERVICE CONNECTIONS - SITE SER-CHANGE IN SCOPE	CW	S3	05	-21	225	0	0	0	204	0	204	0	0	0	204	0	0	0	0	0	0	204
0 29	NEW SERVICE CONNECTIONS - CUT REPA-CHANGE IN SCOPE	CW	S3	05	2,064	3,136	16,273	0	0	21,473	0	21,473	0	0	0	21,473	0	0	0	0	0	0	21,473
Sub-total					52,924	58,354	55,142	45,223	48,223	259,866	241,115	500,981	0	0	0	0	500,981	0	0	0	0	0	500,981
WAT906951 ENGINEERING																							
0 2	CONSULTING FEES	CW	S2	03	25,385	24,451	18,499	8,249	914	77,498	750	78,248	0	0	0	0	78,248	0	0	0	0	0	78,248
0 5	10 YEAR ENGINEERING	CW	S6	03	0	34,628	36,505	46,897	53,405	171,435	290,049	461,484	0	0	0	0	461,484	0	0	0	0	0	461,484
0 57	PPFA SALARIES - FUTURE	CW	S6	03	0	2,292	2,292	2,292	2,292	9,168	11,460	20,628	0	0	0	0	20,628	0	0	0	0	0	20,628
0 63	ROAD RESTORATION	CW	S2	03	665	365	365	0	0	1,395	0	1,395	0	0	0	1,395	0	0	0	0	0	0	1,395
0 85	LEGAL SERVICES SALARIES-CHANGE IN SCOPE	CW	S3	03	457	0	0	0	0	457	0	457	0	0	0	457	0	0	0	0	0	0	457
0 86	ROAD RESTORATION-CHANGE IN SCOPE	CW	S3	03	-156	71	1	0	0	-84	0	-84	0	0	0	-84	0	0	0	0	0	0	-84

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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											
						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
<u>WAT906951 ENGINEERING</u>																								
0	87	CONSULTING FEES-CHANGE IN SCOPE	CW	S3	03	-9,382	-3,599	4,203	2,011	36	-6,731	-17	-6,748	0	0	0	0	-6,748	0	0	0	0	0	-6,748
0	88	PPFA SALARIES-CHANGE IN SCOPE	CW	S3	03	2,519	0	0	0	0	2,519	0	2,519	0	0	0	0	2,519	0	0	0	0	0	2,519
0	89	PMMD SALARIES-CHANGE IN SCOPE	CW	S3	03	311	310	0	0	0	621	0	621	0	0	0	0	621	0	0	0	0	0	621
0	90	ECS SALARIES-CHANGE IN SCOPE	CW	S3	03	14,701	0	0	0	0	14,701	0	14,701	0	0	0	0	14,701	0	0	0	0	0	14,701
0	91	TW SALARIES-CHANGE IN SCOPE	CW	S3	03	2,623	235	235	0	0	3,093	0	3,093	0	0	0	0	3,093	0	0	0	0	0	3,093
Sub-total						37,123	58,753	62,100	59,449	56,647	274,072	302,242	576,314	0	0	0	0	576,314	0	0	0	0	0	576,314
<u>WAT906977 ISLAND W.T.P. R&R</u>																								
0	1	FACILITY & PROCESS UPGRADES	CW	S2	03	648	565	431	0	0	1,644	0	1,644	0	0	0	0	1,644	0	0	0	0	0	1,644
0	32	TRAVELLING SCREEN REPLACEMENT	CW	S2	03	1,464	1,100	6,300	1,100	0	9,964	0	9,964	0	0	0	0	9,964	0	0	0	0	0	9,964
0	50	AMMONIA AND FLUORIDE SYSTEM UPGRADES	CW	S2	03	6,455	6,056	7	0	0	12,518	0	12,518	0	0	0	0	12,518	0	0	0	0	0	12,518
0	53	FACILITY & PROCESS UPGRADES - FUTURE	CW	S6	03	0	0	0	0	375	375	1,875	2,250	0	0	0	0	2,250	0	0	0	0	0	2,250
0	54	FILTER MEDIA REPLC - FUTURE (ACTIVE)	CW	S2	03	300	0	0	0	150	450	300	750	0	0	0	0	750	0	0	0	0	0	750
0	69	GENERATORS' DR3 PROGRAM	CW	S2	04	0	0	80	695	650	1,425	0	1,425	0	0	0	0	1,425	0	0	0	0	0	1,425
0	70	PLANTWIDE HVAC UPGRADES	CW	S2	04	3,169	2,807	137	0	0	6,113	0	6,113	0	0	0	0	6,113	0	0	0	0	0	6,113
0	100	RAW WATER INTAKE CLEANING - FUTURE	CW	S6	03	0	0	100	4,150	0	4,250	4,250	8,500	0	0	0	0	8,500	0	0	0	0	0	8,500
0	113	RAW WATER INTAKE CLEANING	CW	S2	03	389	0	0	0	0	389	0	389	0	0	0	0	389	0	0	0	0	0	389
0	114	REHABILITATION OF BUILDINGS & GROUNDS	CW	S6	03	0	100	1,300	500	2,750	4,650	3,600	8,250	0	0	0	0	8,250	0	0	0	0	0	8,250
0	115	FACILITY UPGRADES	CW	S6	04	0	0	0	0	0	0	950	950	0	0	0	0	950	0	0	0	0	0	950
0	116	FLOW CONDITIONING STRUCTURES	CW	S6	04	0	100	1,150	650	0	1,900	0	1,900	0	0	0	0	1,900	0	0	0	0	0	1,900
0	117	ISLAND PHOTOVOLTAIC SYSTEM	CW	S2	05	700	2,300	3,300	0	0	6,300	0	6,300	0	0	0	0	6,300	0	0	0	0	0	6,300
0	118	FIS - JSPS CROSS HARBOUR TUNNEL REHABILITATION	CW	S2	03	8,160	0	0	0	0	8,160	0	8,160	0	0	0	0	8,160	0	0	0	0	0	8,160
0	119	FACILITY UPGRADE - FORMER MARINE YARD	CW	S2	03	108	0	0	0	0	108	0	108	0	0	0	0	108	0	0	0	0	0	108
0	122	GENERATORS' DR3 PROGRAM-CHANGE IN SCOPE	CW	S3	04	0	0	-80	-695	-650	-1,425	0	-1,425	0	0	0	0	-1,425	0	0	0	0	0	-1,425
0	123	PLANTWIDE HVAC UPGRADES-CHANGE IN SCOPE	CW	S3	04	-669	-107	933	1,273	0	1,430	0	1,430	0	0	0	0	1,430	0	0	0	0	0	1,430

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Water Program						Current and Future Year Cash Flow Commitments							Current and Future Year Cash Flow Commitments Financed By											
Sub-Project No.	Project Name	Ward	Stat.	Cat.	2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other 2	Debt - Recoverable Debt	Total Financing		
<u>WAT906977 ISLAND W.T.P. R&R</u>																								
0 124	FIS - JSPS CROSS HARBOUR TUNNEL R-CHANGE IN SCOPE	CW	S3	03	-4,360	10,842	1,093	30	0	7,605	0	7,605	0	0	0	0	7,605	0	0	0	0	0	7,605	
0 125	AMMONIA AND FLUORIDE SYSTEM UPGRAD-CHANGE IN SCOPE	CW	S3	03	-1,005	501	524	0	0	20	0	20	0	0	0	0	20	0	0	0	0	0	20	
0 126	FACILITY UPGRADE - FORMER MARINE Y-CHANGE IN SCOPE	CW	S3	03	75	20	0	0	0	95	0	95	0	0	0	0	95	0	0	0	0	0	95	
0 127	TRAVELLING SCREEN REPLACEMENT-CHANGE IN SCOPE	CW	S3	03	-1,024	167	-5,163	4,305	1,600	-115	120	5	0	0	0	0	5	0	0	0	0	0	5	
0 128	FACILITY & PROCESS UPGRADES-CHANGE IN SCOPE	CW	S3	03	-96	-105	0	375	0	174	0	174	0	0	0	0	174	0	0	0	0	0	174	
0 129	ISLAND PHOTOVOLTAIC SYSTEM-CHANGE IN SCOPE	CW	S3	05	-600	-1,600	-1,000	3,300	0	100	0	100	0	0	0	0	100	0	0	0	0	0	100	
0 130	RAW WATER INTAKE CLEANING-CHANGE IN SCOPE	CW	S3	03	-259	320	0	0	0	61	0	61	0	0	0	0	61	0	0	0	0	0	61	
0 131	ENGINEERING SUPPORT	CW	S4	04	100	950	525	425	0	2,000	0	2,000	0	0	0	0	2,000	0	0	0	0	0	2,000	
Sub-total					13,555	24,016	9,637	16,108	4,875	68,191	11,095	79,286	0	0	0	0	79,286	0	0	0	0	0	79,286	
<u>WAT907353 LAWRENCE ALLAN REVITALIZATION PLAN</u>																								
0 1	LAWRENCE ALLAN REVITALIZATION PLAN - INTERNAL	CW	S2	05	3,628	3,700	210	0	0	7,538	0	7,538	0	0	7,538	0	0	0	0	0	0	0	7,538	
0 2	LAWRENCE ALLAN REVITALIZATION PLAN - EXTERNAL	CW	S2	05	3,592	3,842	806	0	0	8,240	0	8,240	0	0	8,240	0	0	0	0	0	0	0	8,240	
0 15	LAWRENCE ALLAN REVITALIZATION PLAN-CHANGE IN SCOPE	CW	S3	05	-1,148	-2,210	2,075	0	0	-1,283	0	-1,283	0	0	-2,604	0	1,321	0	0	0	0	0	-1,283	
0 16	LAWRENCE ALLAN REVITALIZATION PLAN-CHANGE IN SCOPE	CW	S3	05	-3,592	-3,842	0	3,592	3,842	0	0	0	0	0	-2,884	0	2,884	0	0	0	0	0	0	
Sub-total					2,480	1,490	3,091	3,592	3,842	14,495	0	14,495	0	0	10,290	0	4,205	0	0	0	0	0	0	14,495
<u>WAT907558 REGENT PARK CAPITAL CONTRIBUTION</u>																								
0 14	REGENT PARK CAPITAL CONTRIBUTION - PHASE 3 - 5	13	S2	05	2,230	1,421	51	71	40	3,813	0	3,813	0	0	3,813	0	0	0	0	0	0	0	3,813	
0 17	REGENT PARK CAPITAL CONTRIBUTION --CHANGE IN SCOPE	13	S3	05	-2,200	-685	689	-36	1,027	-1,205	1,193	-12	0	0	-1,332	0	1,320	0	0	0	0	0	-12	
Sub-total					30	736	740	35	1,067	2,608	1,193	3,801	0	0	2,481	0	1,320	0	0	0	0	0	0	3,801
<u>WAT907946 BUSINESS IT PROJECTS</u>																								
0 7	ENTERPRISE WORK MANAGEMENT SYSTEM PROJECT	CW	S2	04	964	1,250	800	850	0	3,864	0	3,864	0	0	0	0	3,864	0	0	0	0	0	3,864	
0 19	ENTERPRISE WORK MANAGEMENT SYSTEM -CHANGE IN SCOPE	CW	S3	04	-102	-150	1,100	575	0	1,423	0	1,423	0	0	0	0	1,423	0	0	0	0	0	1,423	
Sub-total					862	1,100	1,900	1,425	0	5,287	0	5,287	0	0	0	0	5,287	0	0	0	0	0	0	5,287
<u>WAT908087 TRUNK WATERMAIN</u>																								
0 1	TRANSMISSION SYSTEM AUTOMATION	CW	S2	04	3,569	3,277	3,333	41	92	10,312	0	10,312	0	0	0	0	10,312	0	0	0	0	0	10,312	

CITY OF TORONTO

Gross Expenditures (\$000's)

Water 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												
						2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt	Total Financing	
WAT908248 WT&S PLANTWIDE																								
0	31	UV DISINFECTION - ISLAND WTP - ENG-CHANGE IN SCOPE	CW	S3	04	-304	529	-742	246	539	268	70	338	0	0	0	0	338	0	0	0	0	0	338
0	32	STANDBY POWER - PHASE 2 - ENG-CHANGE IN SCOPE	CW	S3	04	-291	-1,293	-627	314	22	-1,875	85	-1,790	0	0	-396	0	-858	0	0	-536	0	0	-1,790
0	33	ZEBRA MUSSEL CONTROL - ENG-CHANGE IN SCOPE	CW	S3	04	-418	7	-22	283	116	-34	33	-1	0	0	0	0	-1	0	0	0	0	0	-1
0	34	SCRUBBER&TONNER CONNECTION IMPROVEMENTS-WTP CONST	CW	S4	04	500	1,425	1,500	1,500	0	4,925	0	4,925	0	0	350	0	3,097	0	0	1,478	0	0	4,925
Sub-total						8,492	27,210	44,597	48,795	53,586	182,680	78,303	260,983	0	0	7,881	0	218,941	0	0	34,161	0	0	260,983
Total Program Expenditure						437,199	580,791	546,083	534,763	527,079	2,625,915	2,063,582	4,689,497	0	0	218,268	0	4,418,932	0	0	52,297	0	0	4,689,497

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,S5,S6 Part C Sub-Project Status S2,S3,S4

CITY OF TORONTO

Gross Expenditures (\$000's)

Water Program					Current and Future Year Cash Flow Commitments and Estimates						Current and Future Year Cash Flow Commitments and Estimates Financed By										
					2020	2021	2022	2023	2024	Total 2020-2024	Total 2025-2029	Total 2020-2029	Provincial Grants and Subsidies	Federal Subsidy	Development Charges	Reserve Reserves	Reserve Funds	Capital from Current	Other 1	Other2	Debt - Recoverable Debt
Sub- Priority	Project No. SubProj No.	Project Name Sub-project Name	Ward	Stat. Cat.																	
Financed By:																					
		Development Charges			32,525	25,373	31,058	31,392	30,764	151,112	67,156	218,268	0	0	0	0	0	0	0	218,268	
		Reserve Funds (Ind."XR" Ref.)			395,296	543,548	505,976	495,753	489,471	2,430,044	1,988,888	4,418,932	0	0	0	0	0	0	0	4,418,932	
		Other2 (External)			9,378	11,870	9,049	7,618	6,844	44,759	7,538	52,297	0	0	0	0	52,297	0	0	52,297	
Total Program Financing					437,199	580,791	546,083	534,763	527,079	2,625,915	2,063,582	4,689,497	0	0	218,268	0	0	52,297	0	0	4,689,497

Status Code	Description
S2	S2 Prior Year (With 2020 and/or Future Year Cashflow)
S3	S3 Prior Year - Change of Scope 2020 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 2021 & Beyond)

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