

**CITY OF HAMILTON
STORM WATER MANAGEMENT
2019 - 2028 CAPITAL BUDGET LIST (000's)**

Ward (s)	Project Number	Project Description	Pre 2019		2019		2020		2021		2022-2028		Project Total		Start Year	End Year
			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net		
Rehabilitation, Replacement, & Upgrade Programs (SAM)																
City Wide	4031914405	Contaminated Soil & Rock Disposal Program	0	0	240	0	0	0	240	240	480	480	960	720	2019	Ongoing
City Wide	4031921960	Fleet Additions - Engineering Services - Construction	0	0	50	0	0	0	0	0	0	0	50	0	2019	2019
City Wide	4031955522	State of the Infrastructure - Asset Management	0	0	0	0	100	100	100	100	700	700	900	900	2019	Ongoing
City Wide	5181555422	City Wide GRIDS II Stormwater Master Plan	550	0	100	20	50	10	0	0	60	0	760	30	2015	2020
9, 11, 12, 15	5181562590	SWMP Retrofits	720	500	0	0	0	0	0	0	220	220	940	720	2015	2023
City Wide	5181767723	Pumping Stations	100	100	0	0	600	600	0	0	150	150	850	850	2017	2026
5, 13	5181874841	Lower Davis Creek - Flood Control Facility	250	250	300	80	0	0	0	0	0	0	550	330	2018	2019
City Wide	5181917152	Cross Road Culvert Program	0	0	1,390	0	1,400	1,400	1,410	1,410	10,150	10,150	14,350	12,960	2019	Ongoing
City Wide	5181917458	Catch Basin Replacement/Rehabilitation Program	0	0	770	500	500	500	500	500	3,500	3,500	5,270	5,000	2019	Ongoing
City Wide	5181917549	Concrete Box Culvert Rehabilitation/Repair (< 3.0m span)	0	0	580	0	550	550	550	550	3,850	3,850	5,530	4,950	2019	Ongoing
City Wide	5181949555	QA-QC Service Contract Program	0	0	160	0	150	150	150	150	1,050	1,050	1,510	1,350	2019	Ongoing
City Wide	5181955556	Mapping Update Program	0	0	40	0	0	0	40	40	120	120	200	160	2019	Ongoing
City Wide	5181957545	Stormwater Computer Model	0	0	1,080	0	1,080	1,080	0	0	3,280	3,280	5,440	4,360	2019	Ongoing
City Wide	5181960533	Trenchless Manhole Rehabilitation	0	0	80	0	80	80	80	80	560	560	800	720	2019	Ongoing
City Wide	5181960622	SWM Facility Maintenance Program	0	0	1,200	0	1,500	1,500	1,200	1,200	8,400	8,400	12,300	11,100	2019	Ongoing
10, 11, 12, 13, 14, 15	5181960722	Municipal Drain Program	0	0	100	25	100	25	100	25	700	175	1,000	250	2019	Ongoing
City Wide	5181961740	Unscheduled Manhole and Sewermain Replacement Program	0	0	60	0	50	50	50	50	350	350	510	450	2019	Ongoing
City Wide	5181962073	Field Data Systems Program	0	0	110	0	0	0	110	110	330	330	550	440	2019	Ongoing
City Wide	5181972074	Contingency for Unscheduled Works Program	0	0	120	0	0	0	200	200	600	600	920	800	2019	Ongoing
15	5181972940	Evans Road Culvert Twinning	0	0	170	170	490	490	0	0	0	0	660	660	2019	2020
15	5182017040	Highway 97 - Culvert Improvement Project	0	0	0	0	210	210	670	670	0	0	880	880	2020	2021
			1,620	850	6,550	795	6,860	6,745	5,400	5,325	34,500	33,915	54,930	47,630		

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Projects Coordinated with Roads Program																
13	5181572290	Baldwin / Court - West St. to Dundas St.	20	0	290	0	0	0	0	0	0	0	310	0	2015	2019
10	5181972290	Hewitson – Dupont to Barton and Dupont	0	0	520	0	0	0	0	0	0	0	520	0	2019	2019
1	5181972291	Haddon - Sterling to Marion	0	0	300	0	0	0	0	0	0	0	300	0	2019	2019
13	5182072290	Highway 8 - Hillcrest to Park	0	0	0	0	580	580	0	0	0	0	580	580	2020	2020
13, 14	5182072290	Highway 8 - Woodley's Lane to Hillcrest	0	0	0	0	1,220	1,220	0	0	0	0	1,220	1,220	2020	2020
1	5182272290	Jones / Oxford / Tecumseh (Strathcona Neighbourhood)	0	0	0	0	0	0	0	0	140	140	140	140	2022	2022
3	5182672290	Industrial - Ottawa to Gage / Gage / Depew	0	0	0	0	0	0	0	0	440	440	440	440	2026	2026
3, 4	5182772290	Burlington & Industrial - Ottawa to Kenilworth	0	0	0	0	0	0	0	0	750	750	750	750	2027	2027
3	5182772290	Stipeley Neighbourhood (South) - Connaught / Balasm / Dunsmure	0	0	0	0	0	0	0	0	940	940	940	940	2027	2027
			20	0	1,110	0	1,800	1,800	0	0	2,270	2,270	5,200	4,070		
SERG Projects																
1	5181260214	SERG - Parkside and Kipling Flood Solutions (CASH FLOWED)	1,890	170	0	0	0	0	0	0	12,610	12,610	14,500	12,780	2012	2027
6	5181372295	SERG - Mount Albion Stormwater Management Facility Rehabilitation	670	0	0	0	0	0	0	0	330	330	1,000	330	2013	2022
13	5181823155	South St E and East St S in Dundas Drainage Improvement - SERG	60	60	60	60	110	110	0	0	220	220	450	450	2018	2020
11	5181872295	SERG - Winona Area Drainage Improvements	330	330	170	170	0	0	610	610	1,100	1,100	2,210	2,210	2018	2023
City Wide	5181955347	SERG - Watercourse Erosion Assessment	0	0	0	0	770	770	0	0	1,230	1,230	2,000	2,000	2019	2024
City Wide	5181955350	Climate Change Impact Assessment	0	0	550	550	0	0	0	0	0	0	550	550	2019	2020
City Wide	5181955421	Stormwater System Planning Program	0	0	480	480	380	380	380	380	2,660	2,660	3,900	3,900	2019	Ongoing
	5182155101	SERG - Stoney Creek & Battlefield Creek Flood and Erosion Control	0	0	150	150	200	200	0	0	0	0	350	350	2019	2020
City Wide	5182355075	SERG - Watershed Project Coordination and Stewardship Action Plans	0	0	0	0	0	0	0	0	2,000	2,000	2,000	2,000	2023	Ongoing

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SERG Projects																
3	5182472295	Main - Prospect to Gage - SERG B-3	110	110	0	0	0	0	0	0	1,760	1,760	1,870	1,870	2024	2024
			3,060	670	1,410	1,410	1,460	1,460	990	990	21,910	21,910	28,830	26,440		
Development/Extension Projects																
11	5181880870	Lewis Rd Culvert - approximately 200m n/o Barton	460	0	200	0	0	0	0	0	0	0	660	0	2018	2019
15	5181880872	Flanders Drive Flooding	200	200	70	70	0	0	0	0	0	0	270	270	2018	2019
City Wide	5181980090	Storm Water Management Program	0	0	4,000	0	4,000	0	4,000	0	28,000	0	40,000	0	2019	Ongoing
4	5181980961	Roxborough Storm Outlet	0	0	950	0	0	0	0	0	0	0	950	0	2019	2019
9	5181980980	SWMP - SM18 (Central Park)	0	0	3,630	0	0	0	0	0	0	0	3,630	0	2019	2019
15	5181980981	SWMP - W1 (Waterdown Bay Phase 2)	0	0	3,400	0	0	0	0	0	0	0	3,400	0	2019	2019
15	5181980983	SWMP - W3 (Waterdown Bay Phase 2)	0	0	4,000	0	0	0	0	0	0	0	4,000	0	2019	2019
15	5181980984	SWMP - W4 (Waterdown Bay Phase 2)	0	0	7,600	0	0	0	0	0	0	0	7,600	0	2019	2019
15	5181980985	SWMP - W5 (Waterdown Bay Phase 2)	0	0	3,860	0	0	0	0	0	0	0	3,860	0	2019	2019
15	5182080082	SWMP - W19 (Parkside Hills Phase 2)	0	0	0	0	3,740	0	0	0	0	0	3,740	0	2020	2020
9	5182080086	SWMP - SM2 (Red Hill Phase 3/4)	0	0	0	0	4,120	0	0	0	0	0	4,120	0	2020	2020
11	5182080087	SWMP - B-10 (Mountaingate Subdivision)	0	0	0	0	9,960	0	0	0	0	0	9,960	0	2020	2020
9	5182080089	Rymal - Fletcher to Upper Centennial	0	0	0	0	1,100	0	0	0	0	0	1,100	0	2020	2020
6, 11	5182080584	RHBP - Nebo - Rymal to Twenty	0	0	0	0	2,000	0	0	0	0	0	2,000	0	2020	2020
			660	200	27,710	70	24,920	0	4,000	0	28,000	0	85,290	270		
Assessment Growth																
9	5181980960	RR56 and Swayze Road (Summit Park Phase 10 - 25T201309)	0	0	3,320	0	0	0	0	0	0	0	3,320	0	2019	2019
			0	0	3,320	0	0	0	0	0	0	0	3,320	0		
Maintenance Projects																

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			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net		
Maintenance Projects																
15	5181974950	Watercourse and Drainage Channel Maintenance	0	0	580	580	460	460	460	460	4,420	4,420	5,920	5,920	2019	Ongoing
	5181974951	Shoreline Protection Program	0	0	350	350	400	400	750	750	2,810	2,810	4,310	4,310	2019	Ongoing
			0	0	930	930	860	860	1,210	1,210	7,230	7,230	10,230	10,230		
		Total Storm Water Management	5,360	1,720	41,030	3,205	35,900	10,865	11,600	7,525	93,910	65,325	187,800	88,640		