



*Storm Water Management
2013-2022
Capital Forecast Summary*

Appendix O



CITY OF HAMILTON
2013-2022 STORM SEWERS CAPITAL BUDGET SUMMARY
(000'S)

	Gross Costs	Subsidy/ Other Revenues	Net Costs	Dev. Charges		Other Internal Sources	Funding Required	Financing Source	
				Residential	Non Residential			Contribution From Operating	External Borrowings (Debentures)
2013 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	16,520	-	16,520	475	475	2,940	12,630	10,340	2,290
Projects Coordinated with Roads Program	7,010		7,010			2,610	4,400	-	4,400
S.E.R.G. Projects	4,680		4,680			3,200	1,480	-	1,480
Waterfront Initiatives	4,500		4,500				4,500	-	4,500
Sub-Total	32,710	-	32,710	475	475	8,750	23,010	10,340	12,670
Development Program									
Development\Extension Projects	4,920	-	4,920	4,464	336	-	120	120	-
Sub-Total	4,920	-	4,920	4,464	336	-	120	120	-
Total	37,630	-	37,630	4,939	811	8,750	23,130	10,460	12,670
2014 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	13,360	75	13,285	475	475		12,335	6,485	5,850
Projects Coordinated with Roads Program	110		110				110	110	
S.E.R.G. Projects	420		420				420	420	
Sub-Total	13,890	75	13,815	475	475	-	12,865	7,015	5,850
Development Program									
Development\Extension Projects	8,810		8,810	4,523	337		3,950	3,950	
Sub-Total	8,810	-	8,810	4,523	337	-	3,950	3,950	-
Total	22,700	75	22,625	4,998	812	-	16,815	10,965	5,850

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	Gross Costs	Subsidy/ Other Revenues	Net Costs	Dev. Charges		Other Internal Sources	Funding Required	Financing Source	
				Residential	Non Residential			Contribution From Operating	External Borrowings (Debentures)
2015 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	6,990	75	6,915	475	475		5,965	5,965	
Projects Coordinated with Roads Program	1,400		1,400				1,400	1,400	
S.E.R.G. Projects	250		250				250	250	-
Sub-Total	8,640	75	8,565	475	475	-	7,615	7,615	-
Development Program									
Development\Extension Projects	5,050	-	5,050	4,000	-		1,050	1,050	
Sub-Total	5,050	-	5,050	4,000	-	-	1,050	1,050	-
Total	13,690	75	13,615	4,475	475	-	8,665	8,665	-
2016 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	5,690	75	5,615	475	475		4,665	4,665	
Projects Coordinated with Roads Program	-		-				-	-	
S.E.R.G. Projects	590		590				590	590	
Sub-Total	6,280	75	6,205	475	475	-	5,255	5,255	-
Development Program									
Development\Extension Projects	5,260		5,260	4,696	504		60	60	
Sub-Total	5,260	-	5,260	4,696	504	-	60	60	-
Total	11,540	75	11,465	5,171	979	-	5,315	5,315	-

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				Residential	Non Residential			Contribution From Operating	External Borrowings (Debentures)
2017 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	9,420	75	9,345	475	475		8,395	8,395	
Projects Coordinated with Roads Program	1,240		1,240				1,240	1,240	
S.E.R.G. Projects	3,550		3,550				3,550	3,550	
Sub-Total	14,210	75	14,135	475	475	-	13,185	13,185	-
Development Program									
Development\Extension Projects	4,000		4,000	4,000	-		-	-	
Sub-Total	4,000	-	4,000	4,000	-	-	-	-	-
Total	18,210	75	18,135	4,475	475	-	13,185	13,185	-
2018 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	3,540	75	3,465	475	475		2,515	2,515	
Projects Coordinated with Roads Program	-		-				-	-	
S.E.R.G. Projects	530		530				530	530	
Sub-Total	4,070	75	3,995	475	475	-	3,045	3,045	-
Development Program									
Development\Extension Projects	4,000	-	4,000	4,000	-		-	-	
Sub-Total	4,000	-	4,000	4,000	-	-	-	-	-
Total	8,070	75	7,995	4,475	475	-	3,045	3,045	-

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2019 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	4,600	75	4,525	475	475		3,575	3,575	
Projects Coordinated with Roads Program	-		-				-	-	
S.E.R.G. Projects	600		600	-			600	600	
Sub-Total	5,200	75	5,125	475	475	-	4,175	4,175	-
Development Program									
Development\Extension Projects	4,000		4,000	4,000	-		-	-	
Sub-Total	4,000	-	4,000	4,000	-	-	-	-	-
Total	9,200	75	9,125	4,475	475	-	4,175	4,175	-
2020 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	6,450	75	6,375	475	475		5,425	5,425	
Projects Coordinated with Roads Program	-		-				-	-	
S.E.R.G. Projects	250		250				250	250	
Sub-Total	6,700	75	6,625	475	475	-	5,675	5,675	-
Development Program									
Development\Extension Projects	4,000		4,000	4,000	-		-	-	
Sub-Total	4,000	-	4,000	4,000	-	-	-	-	-
Total	10,700	75	10,625	4,475	475	-	5,675	5,675	-

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2013-2022 STORM SEWERS CAPITAL BUDGET SUMMARY
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2021 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	3,800	75	3,725	475	475		2,775	2,775	
Projects Coordinated with Roads Program	-		-				-	-	
S.E.R.G. Projects	250		250				250	250	
Sub-Total	4,050	75	3,975	475	475	-	3,025	3,025	-
Development Program									
Development\Extension Projects	4,000	-	4,000	4,000	-		-	-	
Sub-Total	4,000	-	4,000	4,000	-	-	-	-	-
Total	8,050	75	7,975	4,475	475	-	3,025	3,025	-

2022 Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	3,450	75	3,375	475	475		2,425	2,425	
Projects Coordinated with Roads Program	-		-				-	-	
S.E.R.G. Projects	250		250				250	250	
Sub-Total	3,700	75	3,625	475	475	-	2,675	2,675	-
Development Program									
Development\Extension Projects	5,600		5,600	4,000	-		1,600	1,600	
Sub-Total	5,600	-	5,600	4,000	-	-	1,600	1,600	-
Total	9,300	75	9,225	4,475	475	-	4,275	4,275	-

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				Residential	Non Residential			Contribution From Operating	External Borrowings (Debentures)
Total Sustainable Asset Management Strategy (SAM)									
Rehabilitation, Replacement & Upgrade Projects	73,820	675	73,145	4,750	4,750	2,940	60,705	52,565	8,140
Projects Coordinated with Roads Program	9,760	-	9,760	-	-	2,610	7,150	2,750	4,400
S.E.R.G. Projects	11,370	-	11,370	-	-	3,200	8,170	6,690	1,480
Waterfront Initiatives	4,500	-	4,500	-	-	-	4,500	-	4,500
Sub-Total	99,450	675	98,775	4,750	4,750	8,750	80,525	62,005	18,520
Development Program									
Development\Extension Projects	49,640	-	49,640	41,683	1,177	-	6,780	6,780	-
Sub-Total	49,640	-	49,640	41,683	1,177	-	6,780	6,780	-
Total	149,090	675	148,415	46,433	5,927	8,750	87,305	68,785	18,520