



*Wastewater System  
2013-2022  
Capital Project List*

*Appendix N*



**CITY OF HAMILTON  
WASTEWATER SYSTEM  
2013 - 2022 CAPITAL BUDGET LIST (000's)**

Ward (s)	Project Number	Project Description	Pre 2013		2013		2014		2015		2016-2022		Project Total		Start Year	End Year
			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net		
<b>Rehabilitation, Replacement, &amp; Upgrade Programs (SAM)</b>																
City Wide	4031514405	Contaminated Soil & Rock Disposal Program	0	0	0	0	0	0	250	250	750	750	1,000	1,000	2013	Ongoing
4	5161241226	Centralized Water and Wastewater Operations Centre	500	0	500	500	0	0	0	0	5,000	5,000	6,000	5,500	2012	2017
City Wide	5161311101	Road Restoration Program	0	0	1,500	1,500	1,500	1,500	500	500	7,000	7,000	10,500	10,500	2013	Ongoing
City Wide	5161349555	QA-QC Service Contract Program	0	0	100	100	100	100	100	100	700	700	1,000	1,000	2013	Ongoing
City Wide	5161355076	Zoom Camera Investigation	0	0	100	100	200	200	200	200	3,500	3,500	4,000	4,000	2013	Ongoing
City Wide	5161355640	Non-Trunk Flow Monitoring Program	0	0	0	0	100	100	100	100	700	700	900	900	2013	Ongoing
City Wide	5161355955	Inflow & Infiltration Studies and Control Program	0	0	0	0	500	500	0	0	1,400	1,400	1,900	1,900	2013	Ongoing
City Wide	5161360240	Private Drain Reimbursements - SLMP	0	0	300	300	300	300	300	300	2,100	2,100	3,000	3,000	2013	Ongoing
City Wide	5161360302	Emergency Repairs - Cross Connections Program	0	0	500	500	100	100	100	100	700	700	1,400	1,400	2013	Ongoing
1	5161360307	Charlton and Catharine - Sewer	0	0	110	110	0	0	0	0	0	0	110	110	2013	2013
City Wide	5161360390	Wastewater System Lining Program	0	0	6,000	6,000	4,800	4,800	5,000	5,000	35,000	35,000	50,800	50,800	2013	Ongoing
City Wide	5161360522	Sewer Lateral Management Program (WWC)	0	0	3,500	3,500	2,500	2,500	2,000	2,000	9,000	9,000	17,000	17,000	2013	Ongoing
City Wide	5161360575	Mainline Sewer Condition Assessment Program	0	0	1,100	1,100	1,100	1,100	1,100	1,100	7,700	7,700	11,000	11,000	2013	Ongoing
City Wide	5161360576	Sewer Lateral Condition Assessment Program	0	0	900	900	900	900	900	900	6,300	6,300	9,000	9,000	2013	Ongoing
City Wide	5161360711	PW Capital Water Consumption Program	0	0	50	50	50	50	50	50	350	350	500	500	2013	Ongoing
City Wide	5161360820	Open Cut Repairs for CIPP Program	0	0	250	250	250	250	250	250	1,750	1,750	2,500	2,500	2013	Ongoing
City Wide	5161361444	Sewer Lateral Replace/Rehab Program	0	0	4,500	1,200	4,000	4,000	4,000	4,000	28,000	28,000	40,500	37,200	2013	Ongoing
City Wide	5161361740	Unscheduled Manhole and Sewermain Replacement Program	0	0	0	0	0	0	500	500	3,500	3,500	4,000	4,000	2013	Ongoing
City Wide	5161362073	Field Data Systems Program	0	0	110	110	100	100	100	100	700	700	1,010	1,010	2013	Ongoing
City Wide	5161371074	Contingency for Unscheduled Works Program	0	0	0	0	250	250	250	250	1,750	1,750	2,250	2,250	2013	Ongoing
City Wide	5161971940	Unspecified Works	0	0	0	0	0	0	0	0	201,680	201,680	201,680	201,680	2020	2020
			<b>500</b>	<b>0</b>	<b>19,520</b>	<b>16,220</b>	<b>16,750</b>	<b>16,750</b>	<b>15,700</b>	<b>15,700</b>	<b>317,580</b>	<b>317,580</b>	<b>370,050</b>	<b>366,250</b>		

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			Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net		
<b>Projects Coordinated with Roads Program</b>																
3	5161371312	Clyde - Cannon to Wright and Wright - Leeming to West End - Council Priority	0	0	50	50	0	0	0	0	0	0	50	50	2013	2013
2	5161371333	Ferguson / Aurora - Council Priority	0	0	50	50	0	0	0	0	0	0	50	50	2013	2013
4	5161372310	Craigroyston - Queenston to King - Council Priority	0	0	940	940	0	0	0	0	0	0	940	940	2013	2013
6	5161471344	Mountain Brow - Traffic Circle to Mohawk & Broker - Upper Kenilworth to Mtn Brow - Council Priority	0	0	0	0	70	70	770	770	0	0	840	840	2014	2015
3, 4	5161471420	Burlington & Industrial - Ottawa to Kenilworth	0	0	0	0	50	50	820	820	0	0	870	870	2014	2015
13	5161471445	Don/Dunning/Colmar/Osler & Grant - Osler to Don - Council Priority	0	0	0	0	30	30	300	300	0	0	330	330	2014	2015
9	5161571544	King - Lake to Applewood - Council Priority	0	0	0	0	0	0	50	50	0	0	50	50	2015	2015
4	5162071210	Cannon - Ottawa to Kenilworth	0	0	0	0	0	0	0	0	250	250	250	250	2020	2020
			<b>0</b>	<b>0</b>	<b>1,040</b>	<b>1,040</b>	<b>150</b>	<b>150</b>	<b>1,940</b>	<b>1,940</b>	<b>250</b>	<b>250</b>	<b>3,380</b>	<b>3,380</b>		
<b>SERG Projects</b>																
City Wide	5161370210	SERG - Critical Large Sewer Cleaning & Rehabilitation Program	0	0	500	500	250	250	250	250	1,750	1,750	2,750	2,750	2013	Ongoing
			<b>0</b>	<b>0</b>	<b>500</b>	<b>500</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>1,750</b>	<b>1,750</b>	<b>2,750</b>	<b>2,750</b>		
<b>Plant/Outstations Projects (SAM)</b>																
City Wide	5161066065	Waste Hauler Receiving Station - Eastport Drive SPS (HC017) Upgrades	1,500	0	380	380	0	0	0	0	0	0	1,880	380	2010	2013
13	5161266213	Dundas WWTP Improvements - CASH FLOWED	600	0	270	270	2,060	2,060	0	0	19,820	19,820	22,750	22,150	2012	2017
City Wide	5161366360	Supply and Installation of Flares at the Biogas Facility	0	0	2,050	2,050	0	0	0	0	0	0	2,050	2,050	2013	2013
City Wide	5161366713	Wastewater Maintenance Capital Program	0	0	2,000	2,000	2,000	2,000	2,000	2,000	14,000	14,000	20,000	20,000	2013	Ongoing
City Wide	5161367360	Cormorant & Osprey (HC014) Wastewater Outstation Upgrades	0	0	590	590	2,730	2,730	0	0	0	0	3,320	3,320	2013	2014
City Wide	5161367374	Waterdown Wastewater Outstations Upgrades	0	0	3,240	3,240	0	0	0	0	0	0	3,240	3,240	2013	2013

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<b>Plant/Outstations Projects (SAM)</b>																
City Wide	5161367751	Wastewater Outstation Upgrades - Asset Management Program	0	0	0	0	0	0	0	0	8,490	8,490	8,490	8,490	2013	Ongoing
City Wide	5161367752	Wastewater Outstation Inspections - Asset Management Program	0	0	650	650	210	210	200	200	1,780	1,780	2,840	2,840	2013	Ongoing
City Wide	5162166102	Woodward WWTP - Expansion (CASH FLOWED)	0	0	0	0	0	0	0	0	13,560	0	13,560	0	2021	2023
			<b>2,100</b>	<b>0</b>	<b>9,180</b>	<b>9,180</b>	<b>7,000</b>	<b>7,000</b>	<b>2,200</b>	<b>2,200</b>	<b>57,650</b>	<b>44,090</b>	<b>78,130</b>	<b>62,470</b>		
<b>Plant/Outstations Projects (WQI)</b>																
City Wide	5161468422	Randle Reef Sediment Remediation	0	0	0	0	310	310	910	910	5,720	5,720	6,940	6,940	2014	Ongoing
			<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>310</b>	<b>310</b>	<b>910</b>	<b>910</b>	<b>5,720</b>	<b>5,720</b>	<b>6,940</b>	<b>6,940</b>		
<b>Plant/Outstations Projects (WINS)</b>																
5	5160161102	Greenhill-Cortina to CSO Tank	2,240	2,240	540	540	0	0	0	0	0	0	2,780	2,780	2001	2013
City Wide	5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	23,790	0	14,570	8,790	82,970	47,247	180,140	97,235	52,820	30,741	354,290	184,013	2008	2016
City Wide	5160966910	WWTP - Biosolids Management Facility	1,200	160	2,160	0	0	0	0	0	0	0	3,360	160	2009	2013
City Wide	5161369075	City Environmental Lab Improvements Program	0	0	493	30	110	110	70	70	900	900	1,573	1,110	2013	Ongoing
City Wide	5162068051	Pier 25 Dredging - Windermere Basin	0	0	0	0	0	0	0	0	11,650	11,650	11,650	11,650	2020	2020
			<b>27,230</b>	<b>2,400</b>	<b>17,763</b>	<b>9,360</b>	<b>83,080</b>	<b>47,357</b>	<b>180,210</b>	<b>97,305</b>	<b>65,370</b>	<b>43,291</b>	<b>373,653</b>	<b>199,713</b>		
<b>Master Plan - Horizontal Assets</b>																
5, 9	5160795757	Centennial Trunk Sanitary Sewer (WW-14, WW-33)	0	0	9,700	0	0	0	6,750	0	6,750	0	23,200	0	2007	2016
1	5160896855	Royal to Main/King Sanitary Sewer Upgrades (WW-22)	9,940	0	760	0	760	0	760	0	0	0	12,220	0	2008	2015
11	5161395358	Binbrook (Hwy 56) Forcemain & Twinning - (WW-21)	0	0	1,010	0	2,970	0	2,450	0	0	0	6,430	0	2013	2015
City Wide	5161396011	Intensification Infrastructure Upgrades Program - Wastewater	0	0	0	0	0	0	400	200	1,200	600	1,600	800	2013	Ongoing
1	5161596554	Aberdeen at Hillside Neighbourhood Sewer Separation	0	0	0	0	0	0	400	400	3,000	3,000	3,400	3,400	2015	2019
			<b>9,940</b>	<b>0</b>	<b>11,470</b>	<b>0</b>	<b>3,730</b>	<b>0</b>	<b>10,760</b>	<b>600</b>	<b>10,950</b>	<b>3,600</b>	<b>46,850</b>	<b>4,200</b>		

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<b>Master Plan - Vertical Assets</b>																
1	5161095051	Decommissioning Aberdeen Sewage Pumping Station	150	0	0	0	0	0	1,200	1,200	0	0	1,350	1,200	2009	2015
City Wide	5161355010	Wastewater Systems Planning Program	0	0	0	0	300	300	300	300	2,100	2,100	2,700	2,700	2013	Ongoing
			<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>300</b>	<b>300</b>	<b>1,500</b>	<b>1,500</b>	<b>2,100</b>	<b>2,100</b>	<b>4,050</b>	<b>3,900</b>		
<b>Development/Extension Projects</b>																
12	5161180187	Garner Road West - Raymond Road to Hwy 6	200	0	0	0	2,200	0	0	0	0	0	2,400	0	2011	2014
9	5161280290	Nash Neighbourhood Sanitary Sewer Outlet	1,700	0	2,530	0	0	0	0	0	0	0	4,230	0	2012	2013
8	5161371340	Chesley / Chester / Annabelle Urbanization - Council Priority	0	0	120	120	0	0	0	0	0	0	120	120	2013	2013
15	5161380381	Parkside Drive - Sanitary Sewer Upgrade	0	0	220	0	0	0	0	0	0	0	220	0	2013	2013
11	5161380382	RHBP - Twenty Road (future Dartnall Road to Glover Road)	0	0	470	0	0	0	0	0	0	0	470	0	2013	2013
9	5161480480	Upper Mount Albion - Stone Church to Highland	0	0	0	0	280	0	0	0	0	0	280	0	2014	2014
15	5161495486	First Street (Waterdown Sanitary) PS Upgrade DC014	0	0	0	0	260	0	660	0	0	0	920	0	2014	2015
9, 11	5161680689	Rymal - Fletcher to Upper Centennial	0	0	0	0	0	0	0	0	5,330	0	5,330	0	2016	2016
City Wide	5161695650	Calvin Rd Sewage PS (HC011) Upgrade (WW-35)	0	0	0	0	0	0	0	0	230	0	230	0	2016	2017
			<b>1,900</b>	<b>0</b>	<b>3,340</b>	<b>120</b>	<b>2,740</b>	<b>0</b>	<b>660</b>	<b>0</b>	<b>5,560</b>	<b>0</b>	<b>14,200</b>	<b>120</b>		
<b>Total Wastewater System</b>			<b>41,820</b>	<b>2,400</b>	<b>62,813</b>	<b>36,420</b>	<b>114,310</b>	<b>72,117</b>	<b>214,130</b>	<b>120,405</b>	<b>466,930</b>	<b>418,381</b>	<b>900,003</b>	<b>649,723</b>		