

WASTEWATER SYSTEM
2016 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(\$000's)

City Ward	Project Number	Project Description	Gross Costs	External Revenues	Net Costs	Financing Sources					
						Dev Charges	Reserves	Other Internal Revenues	Funding Required	From Operating	Debt Own
<u>Rehabilitation, Replacement & Upgrade Projects</u>											
City Wide	4031614405	Contaminated Soil & Rock Disposal Program	250	-	250	-	-	-	250	250	-
City Wide	4031655522	State of the Infrastructure - Asset Management	100	-	100	-	-	-	100	100	-
City Wide	5161555077	Zoom Camera Inspection - Data Component	380	-	380	-	-	-	380	380	-
11	5161560550	Sewer Compliance - Bartek, 690 South Service Rd	660	-	660	-	-	-	660	660	-
4	5161560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	660	-	660	-	-	-	660	660	-
City Wide	5161611101	Road Restoration Program	3,500	-	3,500	-	-	70	3,430	3,430	-
4	5161641226	Centralized Water and Wastewater Operations Centre	250	-	250	-	-	250	-	-	-
City Wide	5161649555	QA-QC Service Contract Program	110	-	110	-	-	-	110	110	-
5, 10	5161655350	Riverdale Flood Relief Remedial Measures EA	220	-	220	-	-	-	220	220	-
6, 7	5161655351	Lawfield / Berrisfield Neighbourhoods	75	-	75	-	-	-	75	75	-
City Wide	5161655556	Mapping Update Program	70	-	70	-	-	45	25	25	-
City Wide	5161660302	Emergency Repairs - Cross Connections Program	500	-	500	-	-	-	500	500	-
City Wide	5161660390	Wastewater System Lining Program	5,000	-	5,000	-	-	550	4,450	4,450	-
City Wide	5161660522	Sewer Lateral Management Program (WWC)	3,500	-	3,500	-	-	-	3,500	3,500	-
City Wide	5161660533	Trenchless Manhole Rehabilitation	80	-	80	-	-	-	80	80	-
City Wide	5161660575	Mainline Sewer Condition Assessment Program	600	-	600	-	-	400	200	200	-
City Wide	5161660576	Sewer Lateral Condition Assessment Program	1,600	-	1,600	-	-	-	1,600	1,600	-
11	5161660610	Binbrook Manhole and Sewer Rehabilitation	540	-	540	-	-	400	140	140	-
City Wide	5161660711	PW Capital Water Consumption Program	200	-	200	-	-	-	200	200	-
City Wide	5161660820	Open Cut Repairs for CIPP Program	400	-	400	-	-	-	400	400	-
12	5161661434	Upsize Forcemain under Wilson Street (Intersection of Wilson St & Rousseaux St)	50	-	50	-	-	-	50	50	-
City Wide	5161661444	Sewer Lateral Replace/Rehab Program	4,000	-	4,000	-	-	-	4,000	4,000	-
City Wide	5161661740	Unscheduled Manhole and Sewermain Replacement Program	350	-	350	-	-	-	350	350	-
City Wide	5161662073	Field Data Systems Program	100	-	100	-	-	90	10	10	-
City Wide	5161671074	Contingency for Unscheduled Works Program	200	-	200	-	-	70	130	130	-
Sub-Total Rehabilitation, Replacement & Upgrade Projects			23,395	-	23,395	-	-	1,875	21,520	21,520	-
<u>Projects Coordinated with Roads Program</u>											
4	5161571525	Parkdale - Barton to Burlington	3,100	-	3,100	-	-	-	3,100	3,100	-
Sub-Total Projects Coordinated with Roads Program			3,100	-	3,100	-	-	-	3,100	3,100	-
<u>Treatment Plant/Outstation Projects</u>											
City Wide	5161066065	Waste Hauler Receiving Station - Eastport Drive SPS (HC017) Upgrades	110	-	110	-	-	-	110	110	-
12	5161267270	Ancaster Wastewater Outstations Upgrades	2,280	-	2,280	-	-	-	2,280	2,280	-
13	5161267273	Dundas Wastewater Outstations Upgrades	130	-	130	-	-	-	130	130	-
City Wide	5161366360	Supply and Installation of Flares at the Biogas Facility	550	-	550	-	-	-	550	550	-
5	5161467756	Greenhill & Cochrane HCS01 Combined Sewer Overflow Tank Cleaning & Upgrades	500	-	500	-	-	-	500	500	-
12	5161567563	Old Dundas Rd Sewage PS (HC005) Master Plan & Class EA - Public Property Works	380	-	380	-	-	-	380	380	-
12	5161567564	Old Dundas Rd Sewage PS (HC005) Master Plan & Class EA - Schedule 'C' EA	110	-	110	-	-	-	110	110	-
12	5161567565	Old Dundas Rd Sewage PS (HC005) Master Plan & Class EA -Inline Storage Works	330	-	330	-	-	-	330	330	-

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<u>Treatment Plant/Outstation Projects con't</u>											
City Wide	5161666713	Wastewater Maintenance Capital Program	2,000	-	2,000	-	-	260	1,740	1,740	-
13, 15	5161667622	FC001 & DC009 Wastewater Pumping Stations Upgrades	60	-	60	-	-	-	60	60	-
City Wide	5161667650	Calvin Rd Sewage PS (HC011) Upgrades	255	-	255	-	-	-	255	255	-
City Wide	5161667752	Wastewater Outstation Inspections - Asset Management Program	220	-	220	-	-	-	220	220	-
Sub-Total Treatment Plant/Outstation Projects			6,925	-	6,925	-	-	260	6,665	6,665	-
<u>Treatment Plant/Outstation Projects (WINS)</u>											
City Wide	5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	6,560	4,606	1,954	1,150	-	-	804	804	-
(none)	5161667421	New Haulage Receiving Station	200	-	200	-	-	-	200	200	-
4	5161668851	Pier 25 Dredging - Windermere Basin	13,180	-	13,180	-	-	2,150	11,030	7,956	3,074
City Wide	5161669075	City Environmental Lab Improvements Program	150	-	150	-	-	-	150	150	-
Sub-Total Treatment Plant/Outstation Projects (WINS)			20,090	4,606	15,484	1,150	-	2,150	12,184	9,110	3,074
<u>Water Quality Initiatives (WQI)</u>											
City Wide	5161468422	Randle Reef Sediment Remediation	1,000	-	1,000	-	-	-	1,000	1,000	-
Sub-Total Water Quality Initiatives (WQI)			1,000	-	1,000	-	-	-	1,000	1,000	-
<u>Master Plans</u>											
5, 9	5160795757	Centennial Trunk Sanitary Sewer (WW-14)	13,200	-	13,200	13,200	-	-	-	-	-
11	5161395358	Binbrook (Hwy 56) Forcemain & Twinning - (WW-21)	20,340	-	20,340	20,340	-	-	-	-	-
1	5161596855	Royal to Main/King Sanitary Sewer Upgrades (WW-22)	9,130	-	9,130	9,130	-	-	-	-	-
City Wide	5161655010	Wastewater Systems Planning Program	300	-	300	-	-	-	300	300	-
5, 9	5161695747	Battlefield Trunk Sewer Twinning (WW-33)	1,650	-	1,650	1,650	-	-	-	-	-
11	5161696452	Airport Lands Dickenson Rd Forcemain & Gravity Sewer (WW-28, WW-26)	2,750	-	2,750	2,750	-	-	-	-	-
Sub-Total Master Plans			47,370	-	47,370	47,070	-	-	300	300	-
<u>Development/Extension Projects</u>											
9	5161680684	Upper Mount Albion - Stone Church to Highland	280	-	280	280	-	-	-	-	-
Sub-Total Development/Extension Projects			280	-	280	280	-	-	-	-	-
Total Wastewater System			102,160	4,606	97,554	48,500	-	4,285	44,769	41,695	3,074