

WASTEWATER SYSTEM

2017 CAPITAL BUDGET PROJECT LIST

(000's)

							Financing Sources							
City Ward	Project Number	Project Description	Gross Costs	Grants & Subsidies	Other External Revenues	Net Costs	Dev Charges	Reserves	WIP Reserves	Other Internal Revenues	Funding Required	From Operating	Debt Own	WIP Debt
Rehabilitation, Replacement & Upgrade Projects (SAM)														
City Wide	4031755522	State of the Infrastructure - Asset Management	100	-	-	100	-	-	-	-	100	100	-	-
4	5161560591	Barton St. Trunk Sewer Rehab - Strathearne to Weir	230	-	-	230	-	-	-	-	230	230	-	-
City Wide	5161711101	Road Restoration Program	1,800	-	-	1,800	-	-	-	-	1,800	1,800	-	-
15	5161718420	Grindstone Creek Utility Bridge	390	-	-	390	-	-	-	-	390	390	-	-
City Wide	5161749555	QA-QC Service Contract Program	110	-	-	110	-	-	-	-	110	110	-	-
City Wide	5161755422	Sewer Use Bylaw Enforcement Infor Upgrade	80	-	-	80	-	-	-	-	80	80	-	-
City Wide	5161755640	Non-Trunk Flow Monitoring Program	100	-	-	100	50	-	-	-	50	50	-	-
City Wide	5161755955	Inflow & Infiltration Studies and Control Program	300	-	-	300	150	-	-	-	150	150	-	-
City Wide	5161760302	Emergency Repairs - Cross Connections Program	1,000	-	-	1,000	-	-	-	463	537	537	-	-
City Wide	5161760390	Wastewater System Lining Program	4,500	3,688	-	812	-	-	-	812	-	-	-	-
City Wide	5161760522	Sewer Lateral Management Program (WWC)	3,500	-	-	3,500	-	-	-	-	3,500	500	-	3,000
City Wide	5161760533	Trenchless Manhole Rehabilitation	80	-	-	80	-	-	-	-	80	80	-	-
City Wide	5161760575	Mainline Sewer Condition Assessment Program	1,330	844	-	486	-	-	-	486	-	-	-	-
City Wide	5161760576	Sewer Lateral Condition Assessment Program	900	-	-	900	-	-	-	-	900	900	-	-
City Wide	5161760711	PW Capital Water Consumption Program	200	-	-	200	-	-	-	-	200	200	-	-
City Wide	5161760820	Open Cut Repairs for CIPP Program	400	-	-	400	-	-	-	70	330	330	-	-
10, 11	5161761241	Eastern Sanitary Interceptor (ESI) Rehab - SSR at Fruitland	4,620	-	-	4,620	-	-	-	-	4,620	-	-	4,620
City Wide	5161761444	Sewer Lateral Replace/Rehab Program	4,000	563	-	3,438	-	-	-	-	3,438	3,438	-	-
City Wide	5161761740	Unscheduled Manhole and Sewermain Replacement Program	350	-	-	350	-	-	-	-	350	350	-	-
City Wide	5161768240	Western Interceptor Sewer CCTV and Sonar Inspection	1,540	1,050	-	490	-	-	-	-	490	-	-	490
City Wide	5161771015	Sewer Lateral Replacement for Co-ordinated Projects	300	-	-	300	-	-	-	300	-	-	-	-
Sub-Total Rehabilitation, Replacement & Upgrade Projects (SAM)			25,830	6,144	-	19,686	200	-	-	2,131	17,355	9,245	-	8,110
Projects Coordinated with Roads Program (SAM)														
6	5161771725	Upper Ottawa - 40m s/o Reno Ave to Mountain Brow Blvd	70	-	-	70	-	-	-	-	70	70	-	-
Sub-Total Projects Coordinated with Roads Program (SAM)			70	-	-	70	-	-	-	-	70	70	-	-

WASTEWATER SYSTEM
2017 CAPITAL BUDGET PROJECT LIST
(000's)

							Financing Sources							
City Ward	Project Number	Project Description	Gross Costs	Grants & Subsidies	Other External Revenues	Net Costs	Dev Charges	Reserves	WIP Reserves	Other Internal Revenues	Funding Required	From Operating	Debt Own	WIP Debt
<u>Treatment Plant\Outstation Projects (SAM)</u>														
City Wide	5161066065	Waste Hauler Receiving Station - Eastport Drive SPS (HC017) Upgrades	550	-	-	550	-	-	-	-	550	202	-	348
12	5161267270	Ancaster Wastewater Outstations Upgrades	550	-	-	550	-	-	-	550	-	-	-	-
5	5161467756	Greenhill & Cochrane HCS01 Combined Sewer Overflow Tank Cleaning &	280	-	-	280	-	-	-	280	-	-	-	-
12	5161567564	Old Dundas Rd Sewage PS (HC005) Master Plan & Class EA FC001,	660	-	-	660	-	-	-	-	660	660	-	
12, 13, 15	5161667622	DC009 & HC011 Wastewater Pumping Stations Upgrades	530	323	-	208	-	-	-	94	114	38	-	76
City Wide	5161766421	Woodward WWTP Methane Sphere Upgrades	4,400	3,000	-	1,400	-	-	-	360	1,040	1,040	-	
City Wide	5161766713	Wastewater Maintenance Capital Program	3,500	-	-	3,500	-	-	1,252	300	1,948	-	-	1,948
City Wide	5161766745	Woodward WWTP - Operational Readiness	3,800	-	-	3,800	-	-	152	-	3,648	-	-	3,648
4	5161767420	Parkdale Avenue HC001 Wastewater Pumping Station Upgrades	550	-	-	550	-	-	-	-	550	-	-	550
City Wide	5161767752	Wastewater Outstation Inspections - Asset Management Program	220	-	-	220	-	-	-	220	-	-	-	-
Sub-Total Treatment Plant\Outstation Projects (SAM)			15,040	3,323	-	11,718	-	-	1,404	1,804	8,510	1,940	-	6,570
<u>Treatment Plant\Outstation Projects (WINS)</u>														
City Wide	5160866801	Woodward WWTP - Clean Harbour (CASH FLOWED)	8,532	322	-	8,210	365	3,000	4,845	-	-	-	-	-
City Wide	5160966910	Woodward WWTP - Biosolids Management Facility	1,410	(300)	(25)	1,735	(1,667)	750	2,652	-	-	-	-	-
City Wide	5161766423	Sewer Use Bylaw 14-090 Parameter Limit Review	150	-	-	150	-	-	-	-	150	150	-	-
City Wide	5161769075	City Environmental Lab Improvements Program	250	-	-	250	-	-	-	-	250	250	-	-
Sub-Total Treatment Plant\Outstation Projects (WINS)			10,342	22	(25)	10,345	(1,302)	3,750	7,497	-	400	400	-	-
<u>Master Plans</u>														
1	5161596855	Royal to Main/King Sanitary Sewer Upgrades (WW-22)	6,840	-	-	6,840	6,840	-	-	-	-	-	-	-
City Wide	5161755010	Wastewater Systems Planning Program	300	-	-	300	-	-	-	-	300	300	-	-
15	5161796786	First Street (Waterdown Sanitary) PS Upgrade DC014	1,520	-	-	1,520	1,520	-	-	-	-	-	-	-
Sub-Total Master Plans			8,660	-	-	8,660	8,360	-	-	-	300	300	-	-

WASTEWATER SYSTEM
2017 CAPITAL BUDGET PROJECT LIST
(000's)

							Financing Sources							
City Ward	Project Number	Project Description	Gross Costs	Grants & Subsidies	Other External Revenues	Net Costs	Dev Charges	Reserves	WIP Reserves	Other Internal Revenues	Funding Required	From Operating	Debt Own	WIP Debt
<u>Development/Extension Projects</u>														
City Wide	5161796011	Intensification Infrastructure Upgrades Program - Wastewater	400	-	-	400	200	-	-	-	200	200	-	-
Sub-Total Development/Extension Projects			400	-	-	400	200	-	-	-	200	200	-	-
<u>Coordinated - Network Extension Projects</u>														
2	5161772720	Central Park	120	-	-	120	-	-	-	-	120	120	-	-
Sub-Total Coordinated - Network Extension Projects			120	-	-	120	-	-	-	-	120	120	-	-
<u>Equipment - New</u>														
City Wide	5161757420	SCADA Rain Gauges	50	-	-	50	-	-	-	-	50	50	-	-
Sub-Total Equipment - New			50	-	-	50	-	-	-	-	50	50	-	-
<u>Outstations-Wastewater Investment Needs (WINS)</u>														
City Wide	5161667421	New Haulage Receiving Station	940	-	-	940	-	-	-	748	192	-	-	192
Sub-Total Outstations-Wastewater Investment Needs (WINS)			940	-	-	940	-	-	-	748	192	-	-	192
<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	-	-
Total Wastewater System														
			62,452	9,488	-25	52,989	7,458	3,750	8,901	4,683	28,197	13,325	-	14,872