



*Water System
2013 Capital Project List
Appendix J*



WATER SYSTEM MANAGEMENT
2013 CAPITAL BUDGET PROJECT LIST & FUNDING SOURCES
(000's)

City Ward	Project Number	Project Description	Gross Costs	Grants & Subsidies	Other External Revenues	Net Costs	Financing Sources					
							Dev Charges	Reserves	Other Internal Revenues	Funding Required	From Operating	Debt Own
<u>Rehabilitation, Replacement & Upgrade Projects (SAM)</u>												
City Wide	5140755701	Source Protection Planning	400	-	-	400	-	-	-	400	400	
City Wide	5140855851	Water Efficiency Plan/Program	100	-	-	100	-	-	-	100	100	
City Wide	5140955922	Water Loss Audit	200	-	-	200	-	-	-	200	200	
City Wide	5140957644	Intergraph Software - Corporate Site License	340	-	-	340	-	-	-	340	340	
9	5141061303	Valve Chamber No 3 First Road West/Isaac Brock at escarpment	840	-	-	840	-	-	-	840	840	
City Wide	5141161502	Water Meter - Installation/Replacement/Repair - General Maintenance	5,000	-	-	5,000	-	-	-	5,000	5,000	
4	5141241226	Centralized Water and Wastewater Operations Centre	500	-	-	500	-	-	-	500	500	
City Wide	5141255212	Operations Security Assessment	220	-	-	220	-	-	-	220	220	
City Wide	5141269250	HVAC system Upgrades at New Environmental Laboratory and Administration Building	430	-	-	430	-	-	-	430	430	
City Wide	5141311101	Road Restoration Program	2,400	-	-	2,400	-	-	-	2,400	2,400	
City Wide	5141349555	QA-QC Service Contract Program	100	-	-	100	-	-	-	100	100	
City Wide	5141357626	Critical Watermain Inspection Program	500	-	-	500	-	-	-	500	500	
4	5141360072	Watermain Structural Lining - Brampton/Rennie/Branaby/Corbett/Quebec/Waterloo	2,000	-	-	2,000	-	-	-	2,000	2,000	
11	5141360072	Watermain Structural Lining - Homestead - Upper James to Airport (north section)	1,420	-	-	1,420	-	-	-	1,420	1,420	
4	5141360072	Watermain Structural Lining - Mountain Ave N and Gemma Court	650	-	-	650	-	-	-	650	650	
11	5141360072	Watermain Structural Lining - Rosepark//Bel-Air/Helena/Glenholme	890	-	-	890	-	-	-	890	890	
City Wide	5141360080	Valve Replacement Program	750	-	-	750	-	-	-	750	750	
3, 4	5141360344	Burlington St Trunk Main Inspection	600	-	-	600	-	-	-	600	600	
City Wide	5141360711	PW Capital Water Consumption Program	50	-	-	50	-	-	-	50	50	
City Wide	5141360750	Unscheduled Valve, Hydrant, Watermain & Misc Water Replace Program	1,000	-	-	1,000	-	-	-	1,000	1,000	
10	5141361300	Belgraden - Seaman to South Service / Seaman - Millen to Belgrade	550	-	-	550	-	-	550	-	-	
3	5141361300	Landsdown - Sherman to Lottridge	510	-	-	510	-	-	-	510	510	
8	5141361300	Scenic Drive: 1009 to 1097	240	-	-	240	-	-	-	240	240	

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<u>Rehabilitation, Replacement & Upgrade Projects (SAM) Con't</u>												
City Wide	5141362073	Field Data Systems Program	110	-	-	110	-	-	-	110	110	
City Wide	5141362078	Substandard Water Service Replacement Program	1,200	-	-	1,200	-	-	-	1,200	1,200	
4	5141371310	SERG - Maple - Huxley to Wexford	70	-	-	70	-	-	70	-	-	
Sub-Total Rehabilitation, Replacement & Upgrade Projects (SAM)			21,070	-	-	21,070	-	-	620	20,450	20,450	-
<u>Projects Coordinated with Roads Program (SAM)</u>												
City Wide	5141370000	Coordinated Road and Subsurface Works	8,100	-	-	8,100	-	-	3,200	4,900	4,900	
5	5141371301	Barton - Nash to Centennial	1,950	-	-	1,950	-	-	-	1,950	-	1,950
4	5141371301	Bingham - Glengrove to Hayes, Ayr - Council Priority	290	-	-	290	-	-	-	290	290	
6	5141371301	Broker - Upper Ottawa to Upper Kenilworth - Council Priority	650	-	-	650	-	-	-	650	650	
5	5141371301	Centennial Parkway - Arrowsmith to Goderich	880	-	-	880	-	-	-	880	880	
8	5141371301	Chesley / Chester / Annabelle Urbanization - Council Priority	940	-	-	940	-	-	-	940	940	
3	5141371301	Clyde - Cannon to Wright and Wright - Leeming to West End - Council Priority	480	-	-	480	-	-	-	480	480	
3	5141371301	Connaught - Barton to South limit - Council Priority	260	-	-	260	-	-	-	260	260	
4	5141371301	Craigroyston - Queenston to King - Council Priority	940	-	-	940	-	-	-	940	940	
1	5141371301	Dromore - King St W to Marion - Council Priority	640	-	-	640	-	-	-	640	640	
4	5141371301	Dunsmure - Kenilworth to Walter - Council Priority	680	-	-	680	-	-	-	680	680	
2	5141371301	Ferguson / Aurora - Council Priority	360	-	-	360	-	-	-	360	360	
10	5141371301	Highway 8 - Gray to King	1,750	-	-	1,750	-	-	-	1,750	1,240	510
4	5141371301	Julian - Barton to Melvin - Council Priority	170	-	-	170	-	-	-	170	170	
4	5141371301	Kenilworth - Merchison to Burlington	1,200	-	-	1,200	-	-	900	300	300	
7	5141371301	Queensdale - Upper Wentworth to Upper Sherman - Council Priority	680	-	-	680	-	-	-	680	680	
6	5141371301	Salmond Court - Upper Ottawa to west end - Council Priority	70	-	-	70	-	-	-	70	70	
8	5141371301	Sanatorium - Redfern to Rice/Chedmac	430	-	-	430	-	-	-	430	430	
Sub-Total Projects Coordinated with Roads Program (SAM)			20,470	-	-	20,470	-	-	4,100	16,370	13,910	2,460

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<u>Treatment Plant/Outstation Projects (SAM)</u>												
	14	5141167150 Greenville Communal Well - New Well	440	-	-	440	-	-	-	440	440	
City Wide	5141267270	Water Distribution Control Valve Upgrades	630	-	-	630	-	-	-	630	-	630
1	5141267272	Hillcrest Reservoir (HDR02) Phase 2 Upgrades (CASH FLOWED)	3,400	-	-	3,400	-	-	-	3,400	-	3,400
City Wide	5141267275	Stoney Creek Water Outstations Upgrades	1,260	-	-	1,260	-	-	-	1,260	-	1,260
City Wide	5141366711	Water Treatment Studies Program	250	-	-	250	-	-	-	250	250	
City Wide	5141366713	Water Maintenance Capital Program	1,200	-	-	1,200	-	-	1,200	-	-	
City Wide	5141367752	Water Outstation Inspections - Asset Management	970	-	-	970	-	-	-	970	970	
Sub-Total Treatment Plant/Outstation Projects (SAM)			8,150	-	-	8,150	-	-	1,200	6,950	1,660	5,290
<u>Treatment Plant/Outstation Projects (WQI)</u>												
	15	5140667650 Carlisle Communal Well System Upgrades	1,040	-	-	1,040	-	-	-	1,040	-	1,040
City Wide	5141369075	City Environmental Lab Improvements Program	30	-	-	30	-	-	-	30	30	
Sub-Total Treatment Plant/Outstation Projects (WQI)			1,070	-	-	1,070	-	-	-	1,070	30	1,040
<u>Master Plans</u>												
4, 5	5140795750	Centennial Parkway Trunk Feedermain - Barton / Centennial / HDR5A (W-12)	14,960	-	-	14,960	14,960	-	-	-	-	
13	5141095058	Old Ancaster Rd Pumping Station (HD012) Capacity Upgrade & Standby Power Installation (W-16)	870	-	-	870	870	-	-	-	-	
6, 9, 11	5141195151	Highland Rd Pumping Station HD007 Expansion (W-10) and Reservoir HDR07 Upgrades (CASH FLOWED)	4,980	-	-	4,980	4,230	-	-	750	-	750
15	5141195152	Carlisle Elevated Storage & Additional Well	1,000	-	-	1,000	1,000	-	-	-	-	
13	5141196152	PD11 (Governor's Road) Watermain Extension (W-05)	210	-	-	210	210	-	-	-	-	
City Wide	5141355010	Water Systems Planning Program	30	-	-	30	-	-	-	30	30	
2	5141395353	Ferguson Avenue HD002 Pumping Station	1,940	-	-	1,940	-	-	-	1,940	-	1,940
12	5141395354	PD18 (Ancaster) Elevated Reservoir (W-14)	900	-	-	900	450	-	-	450	-	450
12	5141396351	Garner Road Trunk Watermain-Southcote to Trinity (W-09)	530	-	-	530	530	-	-	-	-	
Sub-Total Master Plans			25,420	-	-	25,420	22,250	-	-	3,170	30	3,140

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<u>Development/Extension Projects</u>												
13	5141195153	PS HD12A (Governors @ Huntingwood) Capacity Upgrade & Standby Power Installation (W-04)	220	-	-	220	220	-	-	-	-	
11	5141280280	RHBP - Twenty Road (future Dartnall Road to Glover Road)	600	-	-	600	-	600	-	-	-	
15	5141297282	Waterdown South Elevation Water Storage - New PD (W-07)	4,820	-	-	4,820	4,050	-	-	770	770	
9	5141380370	Upper Mount Albion - Highland to approximately 410m S	80	-	-	80	-	-	-	80	80	
11	5141380377	Arvin Avenue - McNeilly Road to 350m westerly	100	-	100	-	-	-	-	-	-	
Sub-Total Development/Extension Projects			5,820	-	100	5,720	4,270	600	-	850	850	-
Total Water System			82,000	-	100	81,900	26,520	600	5,920	48,860	36,930	11,930