

Anticipated Early-Start Capital Projects in 2019 Water-Wastewater Capital Budget

Projects anticipated to be presented to Council on December 11th, 2018 for early-start approval prior to regular capital budget deliberations.

Program			Project JDE Identifier	Asset(s) / Project	Primary Treatment / Activity	Expenditure	Financing							
Budget Identifier	JDE Identifier	Title					Water Reserve	Water DC Reserve	SCF Grant	Water Debenture	Sewage Reserve	Sewage DC Reserve	Sewage Debenture	Total
WW1902	9981902	Wastewater Treatment	998190204	Lindsay WPCP Lagoon Aerator	Rehabilitation	41,000				-	41,000		-	41,000
WW1903	9981903	Water Distribution and Wastewater Collection	998190304	Glenelg St. E. Mains (Lindsay St.-Huron St.)	Replacement	852,000	58,376		300,000	100,000	393,624		-	852,000
Total						852,000	58,376	-	300,000	100,000	434,624	-	-	893,000

* All Early-Start Capital Projects in the 2019 Water-Wastewater Capital Budget are highlighted on the respective detailed pages.

Summary of 2019 Water-Wastewater Capital Budget

Program			Expenditure	Financing							
Budget Identifier	JDE Identifier	Title		Water Reserve	Water DC Reserve	SCF Grant	Water Debenture	Sewage Reserve	Sewage DC Reserve	Sewage Debenture	Total
WW1901	9981901	Water Treatment	2,359,000	112,000	-	-	2,247,000	-	-	-	2,359,000
WW1902	9981902	Wastewater Treatment	328,000	-	-	-	-	227,680	100,320	-	328,000
WW1903	9981903	Water Distribution and Wastewater Collection	6,551,000	481,884	292,941	1,638,244	975,000	1,594,035	357,500	1,211,396	6,551,000
WW1904	9981904	Studies and Special Projects	250,000	125,000	70,000	-	-	55,000	-	-	250,000
Total			9,488,000	718,884	362,941	1,638,244	3,222,000	1,876,715	457,820	1,211,396	9,488,000

WW1901 Water Treatment

Construction, rehabilitation and replacement of water treatment facilities and related components and siteworks. Based on legislation, AMP, Capacity Study and DC Study.

JDE Identifier	Asset(s) / Project	Primary Treatment / Activity	Water Share	Sewage Share	SCF Grant Share	Water DC Share	Sewage DC Share	Expenditure	Financing						Total	
									Water Reserve	Water DC Reserve	SCF Grant	Water Debenture	Sewage Reserve	Sewage DC Reserve		Sewage Debenture
998190101	Lindsay WTP Reactivator	Rehabilitation	100.0%	0.0%	0.0%	0.0%	0.0%	210,000				210,000				210,000
998190102	Omeme Well #3 Connection	Installation	100.0%	0.0%	0.0%	0.0%	0.0%	64,000				64,000				64,000
998190103	Bobcaygeon Elevated Storage Tank Coating	Rehabilitation	100.0%	0.0%	0.0%	0.0%	0.0%	530,000				530,000				530,000
998190104	Fenelon Falls WTP Membranes, THM Controls and Low Lift Pumps	Replacement	100.0%	0.0%	0.0%	0.0%	0.0%	1,443,000				1,443,000				1,443,000
998190105	Fenelon Falls WTP PLC and SCADA Systems	Upgrade	100.0%	0.0%	0.0%	0.0%	0.0%	70,000	70,000							70,000
998190106	Bobcaygeon Elevated Storage Tank Safety Railing	Replacement	100.0%	0.0%	0.0%	0.0%	0.0%	14,000	14,000							14,000
998190107	Fenelon Falls Elevated Storage Tank Safety Railing	Replacement	100.0%	0.0%	0.0%	0.0%	0.0%	14,000	14,000							14,000
998190108	Woodville Elevated Storage Tank Safety Railing	Replacement	100.0%	0.0%	0.0%	0.0%	0.0%	14,000	14,000							14,000
Total								2,359,000	112,000	-	-	2,247,000	-	-	-	2,359,000

WW1902 Wastewater Treatment

Construction, rehabilitation and replacement of sewage treatment facilities and related components and siteworks. Based on legislation, AMP, Capacity Study and DC Study.

JDE Identifier	Asset(s) / Project	Primary Treatment / Activity	Water Share	Sewage Share	SCF Grant Share	Water DC Share	Sewage DC Share	Expenditure	Financing							
									Water Reserve	Water DC Reserve	SCF Grant	Water Debenture	Sewage Reserve	Sewage DC Reserve	Sewage Debenture	Total
998190201	Omeme WPCP	Remediation Design	0.0%	100.0%	0.0%	0.0%	62.7%	160,000					59,680	100,320		160,000
998190202	Omeme WPCP Alum Storage Structure	Installation	0.0%	100.0%	0.0%	0.0%	0.0%	92,000					92,000			92,000
998190203	Bobcaygeon WPCP Scum Boxes and Pumps	Replacement	0.0%	100.0%	0.0%	0.0%	0.0%	35,000					35,000			35,000
998190204	Lindsay WPCP Lagoon Aerator	Rehabilitation	0.0%	100.0%	0.0%	0.0%	0.0%	41,000					41,000			41,000
Total								328,000	-	-	-	-	227,680	100,320	-	328,000

WW1903 Water Distribution and Wastewater Collection

Construction, rehabilitation and replacement of horizontal and vertical infrastructure providing water distribution and sewage collection services. Based on legislation, AMP, Capacity Study and DC Study, with horizontal infrastructure work often coordinated with road reconstruction.

JDE Identifier	Asset(s) / Project	Primary Treatment / Activity	Water Share	Sewage Share	SCF Grant Share	Water DC Share	Sewage DC Share	Expenditure	Financing							
									Water Reserve	Water DC Reserve	SCF Grant	Water Debenture	Sewage Reserve	Sewage DC Reserve	Sewage Debenture	Total
998190301	Bay St. Mains (Durham St.-South End)	Replacement	48.0%	52.0%	31.0%	0.0%	0.0%	305,000	51,800		94,600				158,600	305,000
998190302	Durham St. W. Mains (Albert St.-Adelaide St.)	Replacement	49.1%	50.9%	0.0%	36.3%	0.0%	807,000	78,296	292,941		25,000	410,763			807,000
998190303	George St. E. Mains (Lindsay St.-East End)	Replacement	53.6%	46.4%	33.4%	0.0%	0.0%	1,232,000	48,952		411,400	200,000	571,648			1,232,000
998190304	Glenelg St. E. Mains (Lindsay St.-Huron St.)	Replacement	53.8%	46.2%	35.2%	0.0%	0.0%	852,000	58,376		300,000	100,000	393,624			852,000
998190305	Caroline St. Mains (Queen St.-North End)	Replacement	100.0%	0.0%	66.7%	0.0%	0.0%	477,000	58,984		318,016	100,000				477,000
998190306	Russell St. W. Mains (Lindsay St.-Victoria Ave.)	Replacement	56.8%	43.2%	26.1%	0.0%	0.0%	1,218,000	74,524		317,300	300,000			526,176	1,218,000
998190307	Peel St. Mains (William St.-Victoria Ave.)	Replacement	56.0%	44.0%	21.4%	0.0%	0.0%	873,000	51,780		187,100	250,000			384,120	873,000
998190308	Riverview Rd. Mains (CKL Rd. 36-Logie St.)	Design	50.0%	50.0%	0.0%	0.0%	0.0%	60,000	30,000				30,000			60,000
998190309	Pottinger St. Mains (Victoria Ave.-West End)	Design	50.0%	50.0%	12.6%	0.0%	0.0%	78,000	29,172		9,828		39,000			78,000
998190310	Lindsay Colborne St. / Rivera SPS	Expansion	0.0%	100.0%	0.0%	0.0%	71.5%	500,000						357,500	142,500	500,000
998190311	Lindsay St. N. SPS Exhaust	Replacement	0.0%	100.0%	0.0%	0.0%	0.0%	46,000					46,000			46,000
998190312	Lindsay St. N. SPS Pumps	Rehabilitation	0.0%	100.0%	0.0%	0.0%	0.0%	62,000					62,000			62,000
998190313	Coboconk SPS Pumps and Piping	Replacement	0.0%	100.0%	0.0%	0.0%	0.0%	41,000					41,000			41,000
Total								6,551,000	481,884	292,941	1,638,244	975,000	1,594,035	357,500	1,211,396	6,551,000

WW1904 Studies and Special Projects

Studies and special projects, often relating to (i) system monitoring, performance, capacity and optimization and/or (ii) the management of assets, growth, energy and user rates.

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									Water Reserve	Water DC Reserve	SCF Grant	Water Debenture	Sewage Reserve	Sewage DC Reserve	Sewage Debenture	Total
998190401	Lindsay WTP Dissolved Air Flotation System	Pilot; Expansion	100.0%	0.0%	0.0%	50.0%	0.0%	140,000	70,000	70,000						140,000
998190402	Lindsay WTP Trihalomethanes and Haloacetic Acids Study	Study; Plan	100.0%	0.0%	0.0%	0.0%	0.0%	55,000	55,000							55,000
998190403	Lindsay-Ops Landfill Electricity Generation System	Study; Optimization	0.0%	100.0%	0.0%	0.0%	0.0%	55,000					55,000			55,000
Total								250,000	125,000	70,000	-	-	55,000	-	-	250,000