
Township of South Stormont

Water and Waste Water 2018 Budget

Presented: February 12, 2018

2018 BUDGET HIGHLIGHTS

2018 Budget Highlights - Savings

- Estimated savings of \$169,000
 - professional services
 - chemical costs
- Water Debenture ended 2017 - \$151,000
 - Long Sault /Ingleside

2018 Budget Highlights - Increases

- Increased costs of \$115,000
 - Caneau contract
 - repairs and maintenance

2018 Budget Highlights - Proposed Work

- Professional services
 - Asset management work
 - Rate Study
- Projects
 - Waste water treatment plant design \$380,000
 - Ingleside Water Tower \$70,000

2018 Operating and Capital Budget

	2017 Budget			2017 Forecast			2018 Budget		
	Operating	Capital	Total	Operating	Capital	Total	Operating	Capital	Total
<u>Water</u>									
Long Sault / Ingleside Regional									
Revenue	\$ 930,899	\$ 112,800	\$1,043,699	\$ 979,104	\$ 224,552	\$1,203,656	\$1,103,537	\$ -	\$1,103,537
Expenses	861,343	112,800	974,143	812,025	123,585	935,610	910,190	95,000	1,005,190
NET SURPLUS / (DEFICIT)	69,556	-	69,556	167,079	100,967	268,046	193,347	(95,000)	98,347
Eamers Corners / St Andrews									
Revenue	204,755	14,900	219,655	173,959	26,680	200,639	197,794	-	197,794
Expenses	223,593	14,900	238,493	193,196	18,272	211,468	223,600	-	223,600
NET (DEFICIT) / SURPLUS	(18,838)	-	(18,838)	(19,237)	8,408	(10,829)	(25,806)	-	(25,806)
Newington									
Revenue	61,475	22,750	84,225	75,297	8,301	83,598	80,860	24,097	104,957
Expenses	92,345	28,750	121,095	80,451	4,653	85,104	95,850	51,750	147,600
NET (DEFICIT) / SURPLUS	(30,870)	(6,000)	(36,870)	(5,154)	3,648	(1,506)	(14,990)	(27,653)	(42,643)
TOTAL WATER SURPLUS / (DEFICIT)	19,848	(6,000)	13,848	142,688	113,023	255,711	152,551	(122,653)	29,898
<u>Waste Water</u>									
Long Sault									
Revenue	455,858	187,262	643,120	401,466	247,423	648,889	491,191	219,602	710,793
Expenses	462,123	16,000	478,123	467,184	46,673	513,857	545,500	49,000	594,500
NET (DEFICIT) / SURPLUS	(6,265)	171,262	164,997	(65,718)	200,750	135,032	(54,309)	170,602	116,293
Ingleside									
Revenue	1,187,224	282,363	1,469,587	1,293,214	442,250	1,735,464	1,328,241	632,997	1,961,238
Expenses	1,374,150	304,938	1,679,088	1,328,330	590,481	1,918,811	1,193,900	578,938	1,772,838
NET (DEFICIT) / SURPLUS	(186,926)	(22,575)	(209,501)	(35,116)	(148,231)	(183,347)	134,341	54,059	188,400
Eamers Corners									
Revenue	1,400	-	1,400	1,394	-	1,394	1,475	-	1,475
Expenses	1,400	-	1,400	1,400	-	1,400	1,475	-	1,475
NET SURPLUS / (DEFICIT)	-	-	-	(6)	-	(6)	-	-	-
TOTAL WASTE WATER (DEFICIT) / SURPLUS	(193,191)	148,687	(44,504)	(100,840)	52,519	(48,321)	80,032	224,661	304,693
<u>Capital Water Project (Debentures)</u>									
Revenue	361,683	-	361,683	361,683	-	361,683	209,941	-	209,941
Expenses	481,537	-	481,537	497,387	-	497,387	308,965	-	308,965
TOTAL CAPITAL WATER DEFICIT	(119,854)	-	(119,854)	(135,704)	-	(135,704)	(99,024)	-	(99,024)
Deficit / (Surplus) Adjustment	150,510	-	150,510	205,609	(277,294)	(71,685)	(133,559)	(102,008)	(235,567)
TOTAL SURPLUS / (DEFICIT)	\$ (142,687)	\$ 142,687	\$ -	\$ 111,752	\$ (111,752)	\$ (0)	\$ -	\$ (0)	\$ (0)
*May be some slight variances due to rounding									



2018 WATER BUDGET - OPERATIONS



Summary Water Operations by System

	Long Sault / Ingleside			Eamers Corners / St. Andrews			Newington		
	Budget 2017	Unaudited	2018 Budget	Budget 2017	Unaudited	2018 Budget	Budget 2017	Unaudited	2018 Budget
Opening Surplus / (Deficit)	\$ 133,408	\$ 133,408	\$ 300,487	\$ 19,793	\$ 19,793	\$ 556	\$ (74,532)	\$ (74,532)	\$ (83,302)
Revenue:									
RESIDENTIAL	344,210	321,643	397,124	187,565	158,299	180,648	55,287	69,632	74,854
COMMERCIAL	576,989	648,012	696,613	12,666	11,465	12,646	3,354	3,354	3,606
FEES AND PENALTIES	9,700	9,449	9,800	4,523	4,195	4,500	2,834	(1,305)	2,400
TOTAL REVENUE	930,899	979,104	1,103,537	204,754	173,959	197,794	61,475	71,681	80,860
Expenses:									
WAGES	40,500	33,629	41,270	10,800	9,952	11,000	3,500	1,305	3,600
BENEFITS	6,500	3,927	8,200	1,500	909	1,800	700	229	900
UTILITIES	305,000	296,431	305,000	11,300	10,593	11,500	9,400	8,312	9,000
TELEPHONE	7,000	10,908	11,220	2,900	3,282	3,600	2,700	2,924	3,000
CHEMICALS	25,000	19,782	15,000	500	-	1,000	1,000	490	1,000
PROFESSIONAL FEES	12,000	3,326	27,000	3,500	1,402	4,500	3,200	1,402	4,000
ADMINISTRATION (OVERHEAD)	24,700	29,089	31,000	2,600	3,106	3,400	3,500	4,023	4,350
REPAIRS/MAINTENANCE	100,000	89,460	117,000	17,062	4,777	12,000	11,000	12,613	11,000
SAMPLING	7,500	9,005	8,000	3,500	4,083	3,500	10,000	10,514	10,000
EQUIPMENT CHARGES	8,200	8,634	9,000	1,200	1,964	1,200	1,500	504	1,000
METER REPAIRS	6,000	5,649	6,000	2,000	1,036	2,000	-	-	-
BLDG/GROUNDS OPS	8,000	12,971	12,000	1,500	1,354	1,500	1,500	2,033	2,000
INFRASTRUCTURE REP/MAINT.	65,000	56,769	65,000	21,000	19,651	20,000	12,000	4,355	12,000
CONTRACTS	214,000	195,471	215,000	22,000	21,243	24,000	30,000	29,441	31,500
CONTR. SEVICES - CORNWALL	-	-	-	120,000	107,769	120,000	-	-	-
SHARE OF COSTS	12,000	10,823	12,000	700	589	1,000	500	521	600
INSURANCE	19,943	26,151	27,500	1,531	1,486	1,600	1,845	1,784	1,900
TOTAL EXPENSES	861,343	812,025	910,190	223,593	193,196	223,600	92,345	80,451	95,850
CURRENT YEAR SURPLUS/ (DEFICIT)	69,556	167,079	193,347	(18,839)	(19,237)	(25,806)	(30,870)	(8,770)	(14,990)
ENDING SURPLUS / (DEFICIT)	\$ 202,964	\$ 300,487	\$ 493,834	\$ 954	\$ 556	\$ (25,250)	\$ (105,402)	\$ (83,302)	\$ (98,292)

SUMMARY WATER OPERATIONS – COMBINED TOTAL

	TOTAL		
	Budget 2017	Unaudited	2018 Budget
Opening Surplus / (Deficit)	\$ 78,669	\$ 78,669	\$ 217,741
Revenue:			
RESIDENTIAL	587,062	549,574	652,626
COMMERCIAL	593,009	662,831	712,865
FEES AND PENALTIES	17,057	12,339	16,700
TOTAL REVENUE	1,197,128	1,224,744	1,382,191
Expenses:			
WAGES	54,800	44,886	55,870
BENEFITS	8,700	5,065	10,900
UTILITIES	325,700	315,336	325,500
TELEPHONE	12,600	17,114	17,820
CHEMICALS	26,500	20,272	17,000
PROFESSIONAL FEES	18,700	6,130	35,500
ADMINISTRATION (OVERHEAD)	30,800	36,218	38,750
REPAIRS/MAINTENANCE	128,062	106,850	140,000
SAMPLING	21,000	23,602	21,500
EQUIPMENT CHARGES	10,900	11,102	11,200
METER REPAIRS	8,000	6,685	8,000
BLDG/GROUNDS OPS	11,000	16,358	15,500
INFRASTRUCTURE REP/MAINT.	98,000	80,776	97,000
CONTRACTS	266,000	246,155	270,500
CONTR. SEVICES - CORNWALL	120,000	107,769	120,000
SHARE OF COSTS	13,200	11,933	13,600
INSURANCE	23,319	29,421	31,000
TOTAL EXPENSES	1,177,281	1,085,672	1,229,640
CURRENT YEAR SURPLUS/ (DEFICIT)	19,847	139,072	152,551
ENDING SURPLUS / (DEFICIT)	\$ 98,516	\$ 217,741	\$ 370,292



2018 WASTE WATER BUDGET - OPERATIONS



Summary Waste Water Operations by System

Description	Long Sault			Ingleside			Eamers Corners		
	Budget 2017	Unaudited	2018 Budget	Budget 2017	Unaudited	2018 Budget	Budget 2017	Unaudited	2018 Budget
Opening Surplus / (Deficit)	\$37,612	\$ 37,612	\$ (28,106)	\$ 212,875	\$ 212,875	\$ 177,759	\$ 289	\$ 289	\$ 283
Revenue:									
FEES AND CHARGES	447,337	383,725	473,204	318,257	300,519	352,741	1,400	1,394	1,475
FEES, PENALTIES, SUPPS & OMITTS	8,521	17,741	17,987	30,967	26,563	27,500	-	-	-
KRAFT DIRECT BILLING	-	-	-	838,000	966,132	948,000	-	-	-
TOTAL REVENUE	455,858	401,466	491,191	1,187,224	1,293,214	1,328,241	1,400	1,394	1,475
Expenses:									
WAGES	6,000	2,978	6,100	5,000	3,963	5,100	-	-	-
BENEFITS	1,125	426	1,500	900	531	1,300	-	-	-
UTILITIES, TELEPHONE	153,600	161,763	160,000	279,320	279,016	290,800	-	-	-
CHEMICALS	10,000	5,000	10,000	260,000	261,351	200,000	-	-	-
PROFESSIONAL FEES	12,000	4,441	27,000	250,000	251,921	90,000	-	-	-
ADMINISTRATION (OVERHEAD)	13,100	14,641	15,900	29,000	31,734	34,200	-	-	-
REPAIRS/MAINTENANCE	55,000	50,640	86,000	75,000	78,912	100,000	-	-	-
SLUDGE DISPOSAL	20,000	15,000	25,000	85,000	70,415	100,000	-	-	-
SAMPLING	15,000	16,234	15,000	30,000	29,176	30,000	-	-	-
EQUIPMENT CHARGES	1,400	1,604	1,600	1,000	2,208	2,000	-	-	-
BLDG/GROUNDS OPS	6,000	5,667	6,000	50,000	14,804	15,000	-	-	-
INFRASTRUCTURE REP/MAINT.	30,000	34,072	35,000	30,000	19,079	35,000	-	-	-
CONTRACTS	108,630	126,549	126,000	238,600	248,844	251,900	1,400	1,400	1,475
SHARE OF COSTS	11,000	9,724	11,000	11,000	10,122	11,000	-	-	-
INSURANCE	19,268	18,445	19,400	29,330	26,253	27,600	-	-	-
TOTAL EXPENSES	462,123	467,184	545,500	1,374,150	1,328,330	1,193,900	1,400	1,400	1,475
CURRENT YEAR SURPLUS/ (DEFICIT)	(6,265)	(65,718)	(54,309)	(186,926)	(35,116)	134,341	-	(6)	-
ENDING SURPLUS / (DEFICIT)	\$31,347	\$ (28,106)	\$ (82,415)	\$ 25,949	\$ 177,759	\$ 312,100	\$ 289	\$ 283	\$ 283

SUMMARY WASTE WATER – COMBINED TOTAL

Description	TOTAL		
	Budget 2017	Unaudited	2018 Budget
Opening Surplus / (Deficit)	\$ 250,776	\$ 250,776	\$ 149,936
Revenue:			
FEES AND CHARGES	766,994	685,638	827,420
FEES, PENALTIES, SUPPS & OMITTS	39,488	44,304	45,487
KRAFT DIRECT BILLING	838,000	966,132	948,000
TOTAL REVENUE	1,644,482	1,696,074	1,820,907
Expenses:			
WAGES	11,000	6,941	11,200
BENEFITS	2,025	957	2,800
UTILITIES, TELEPHONE	432,920	440,779	450,800
CHEMICALS	270,000	266,351	210,000
PROFESSIONAL FEES	262,000	256,362	117,000
ADMINISTRATION (OVERHEAD)	42,100	46,375	50,100
REPAIRS/MAINTENANCE	130,000	129,552	186,000
SLUDGE DISPOSAL	105,000	85,415	125,000
SAMPLING	45,000	45,410	45,000
EQUIPMENT CHARGES	2,400	3,812	3,600
BLDG/GROUNDS OPS	56,000	20,471	21,000
INFRASTRUCTURE REP/MAINT.	60,000	53,152	70,000
CONTRACTS	348,630	376,793	379,375
SHARE OF COSTS	22,000	19,846	22,000
INSURANCE	48,598	44,698	47,000
TOTAL EXPENSES	1,837,673	1,796,914	1,740,875
CURRENT YEAR SURPLUS/ (DEFICIT)	(193,191)	(100,840)	80,032
ENDING SURPLUS / (DEFICIT)	\$ 57,585	\$ 149,936	\$ 229,968



2018 WATER AND WASTE WATER BUDGET - CAPITAL

2018 Capital - Long Sault / Ingleside Water

Project Name	Project Type	2017 Actual	2017 Budget	UCO / Reserve	Project Status	2018 Project Cost	2018 Revenue	UCO / Reserve	Net Expense	Revenue Source
<u>WORK IN PROGRESS - 2016 CAPITAL PROJECTS</u>										
SCADA Upgrades	Existing	4,477	-	4,301	Completed	-	-	-	-	
SCADA Computer Upgrades	Existing	-	-	11,000	Completed	-	-	-	-	
<u>WORK IN PROGRESS - 2017 CAPITAL PROJECTS</u>										
Low Lift Pump Replacement	Existing	53,658	48,000	-	Completed	-	-	-	-	
Water Meter Reader Upgrade (66% of Cost allocated)	Existing	22,454	19,800	-	Completed	-	-	-	-	
Water Meters	Existing	16,714	19,000	-	Completed	-	-	-	-	
Hydrants (QTY 4) Replacment	Existing	21,805	26,000	-	Completed	-	-	-	-	
		119,108	112,800	15,301						
<u>2018 CAPITAL PROJECTS</u>										
Quincy Air Compressors	New	-	-	-		10,000	-	-	10,000	
Process Equipment	New	-	-	-		15,000	-	-	15,000	
Ingleside - Water Tower	New	-	-	-		70,000	-	-	70,000	
Remove and replace ladders (width of 16" min)										
Relocate antenna wires										
Install complete roof handrail system										
Increase height of balcony handrail to 42" min										
						95,000	-	-	95,000	



2018 Capital - Eamers Corners / St. Andrews Water

Project Name	Project Type	2017 Actual	2017 Budget	UCO / Reserve	Project Status	Project Cost	Revenue	UCO / Reserve	Net Expense	Revenue Source
<u>WORK IN PROGRESS - 2016 CAPITAL PROJECTS</u>										
SCADA Upgrades	Existing	4,477		4,301	Completed		-		-	
<u>WORK IN PROGRESS - 2017 CAPITAL PROJECTS</u>										
Water Meter Reader Upgrade (33% EC)	Existing	6,623	9,900	-	Completed		-		-	
Water Meters	Existing	7,172	5,000	-	Completed		-		-	
		18,271	14,900	4,301		-	-	-	-	
<u>2018 CAPITAL PROJECTS</u>										
None planned for 2018		-	-	-		-	-	-	-	
		-	-	-		-	-	-	-	

2018 Capital - Newington Water

Project Name	Project Type	2017 Actual	2017 Budget	UCO / Reserve	Project Status	Project Cost	Revenue	UCO / Reserve	Net Expense	Revenue Source
<u>WORK IN PROGRESS - 2016 CAPITAL PROJECTS</u>										
SCADA Upgrades	Existing	4,477	-	4,301	Completed	-	-	-	-	
<u>WORK IN PROGRESS - 2017 CAPITAL PROJECTS</u>										
Telemetry Upgrade	Existing	-	10,000	-	Carried forward	10,000	-	5,347	4,653	
		4,477	10,000	4,301		10,000	-	5,347	4,653	
<u>2018 CAPITAL PROJECTS</u>										
6 New pressure system tanks	New	-	-	-		23,000	-	-	23,000	
Water meter installation	New	-	-	-		18,750	18,750	-	-	CWWF Funding
		-	-	-		41,750	18,750	-	23,000	



2018 Capital - Long Sault Waste Water

Project Name	Project Type	2017 Actual	2017 Budget	UCO / Reserve	Project Status	Project Cost	Revenue	UCO / Reserve	Net Expense	Revenue Source
WORK IN PROGRESS - 2016 CAPITAL PROJECTS										
SCADA Upgrades	Existing	38,887	-	38,887	Completed	-	-	-	-	
WORK IN PROGRESS - 2017 CAPITAL PROJECTS										
Alum Pump Replacement	Existing	7,786	6,000	-	Completed	-	-	-	-	
Flow Meter Chamber	Existing	-	10,000	-	Carried forward	-	-	-	-	
		46,673	16,000	38,887		-	-	-	-	
2018 CAPITAL PROJECTS										
Biofilter Material Replacement	New					14,200	-	-	14,200	
Sludge transfer pump hydrostall	New					18,800	-	-	18,800	
Sludge Pumps (seepepex)	New					16,000	-	-	16,000	
LONG SAULT S.A.R.						-	219,602	-	(219,602)	
		-	-	-		49,000	219,602	-	(170,602)	

2018 Capital - Ingleside Waste Water

Project Name	Project Type	2017 Actual	2017 Budget	UCO / Reserve	Project Status	Project Cost	Revenue	UCO / Reserve	Net Expense	Revenue Source
WORK IN PROGRESS - 2016 CAPITAL PROJECTS										
Computer Upgrades	Existing	-	10,644	-		-	-	-	-	
Heater Replacement	Existing	-	24,000	-		-	-	-	-	
Meter/Sampling Chamber	Existing	-	274,417	-		-	-	-	-	
WORK IN PROGRESS - 2017 CAPITAL PROJECTS										
Continued project from 2016 - EA Assessment	Existing	83,019	66,000	-	Project not complete; (EA Complete) CWWF	-	-	-	-	Project carried forward; CWWF funding
Biosolids Transfer Pump Replacement	Existing	9,202	20,000	-	Completed	-	-	-	-	
Aerators Replacment	Existing	31,342	35,000	-	Completed	-	-	-	-	
Heater	Existing	21,370	-	24,000	Completed	-	-	-	-	
Computer Upgrades	Existing	-	-	10,644	Completed	-	-	-	-	
KRAFT Water meters	Existing	261,610	-	-	Done; Kraft Reserves	-	-	-	-	
		406,543	430,061	34,644		-	-	-	-	
2018 CAPITAL PROJECTS										
Floculator system replacement	New	-	-	-		15,000	-	-	15,000	
Waste water treatment plant design fees (CWWF)	New	-	-	-		380,000	380,000	-	-	CWWF
Contribution to KRAFT/TWP RES	New	-	-	-		146,000	73,000	-	73,000	Kraft Contribution
Transfer to Reserve KRAFT (2011-088 #3)	New	-	-	-		37,938	37,938	-	-	Kraft Contribution
INGLESIDE S.A.R.						-	142,059	-	(142,059)	
		-	-	-		578,938	632,997	-	88,000	

PROJECT TOTALS FOR ALL DEPARTMENTS

595,072 583,761 97,434

774,688 871,349 5,347 40,051



ESTIMATED FUTURE CAPITAL REQUIREMENTS

Capital Requirements

- The capital requirements
 - significant asset renewal costs in the next 5, 10, 15, and 20 years

Capital Requirements (cont.)

Capital asset requirements by five (5) year periods

	Fiscal Year				Total requirements 20 year period
	2018 - 2022	2023 - 2027	2028 - 2032	2033 - 2037	
Long Sault / Ingleside Regional Water	\$ 1,049,249	\$ 149,832	\$ 284,546	\$ 4,297,203	\$ 5,780,830
Eamers Corners / St Andrews Water	41,259	-	-	99,198	140,457
Newington Water	76,773	-	-	466,212	542,985
Long Sault Sewer	104,713	19,075	4,256,175	496,149	4,876,113
Ingleside Sewer	405,569	7,861,084	914,688	191,768	9,373,110
	\$ 1,677,563	\$ 8,029,992	\$ 5,455,409	\$ 5,550,531	\$ 20,713,495

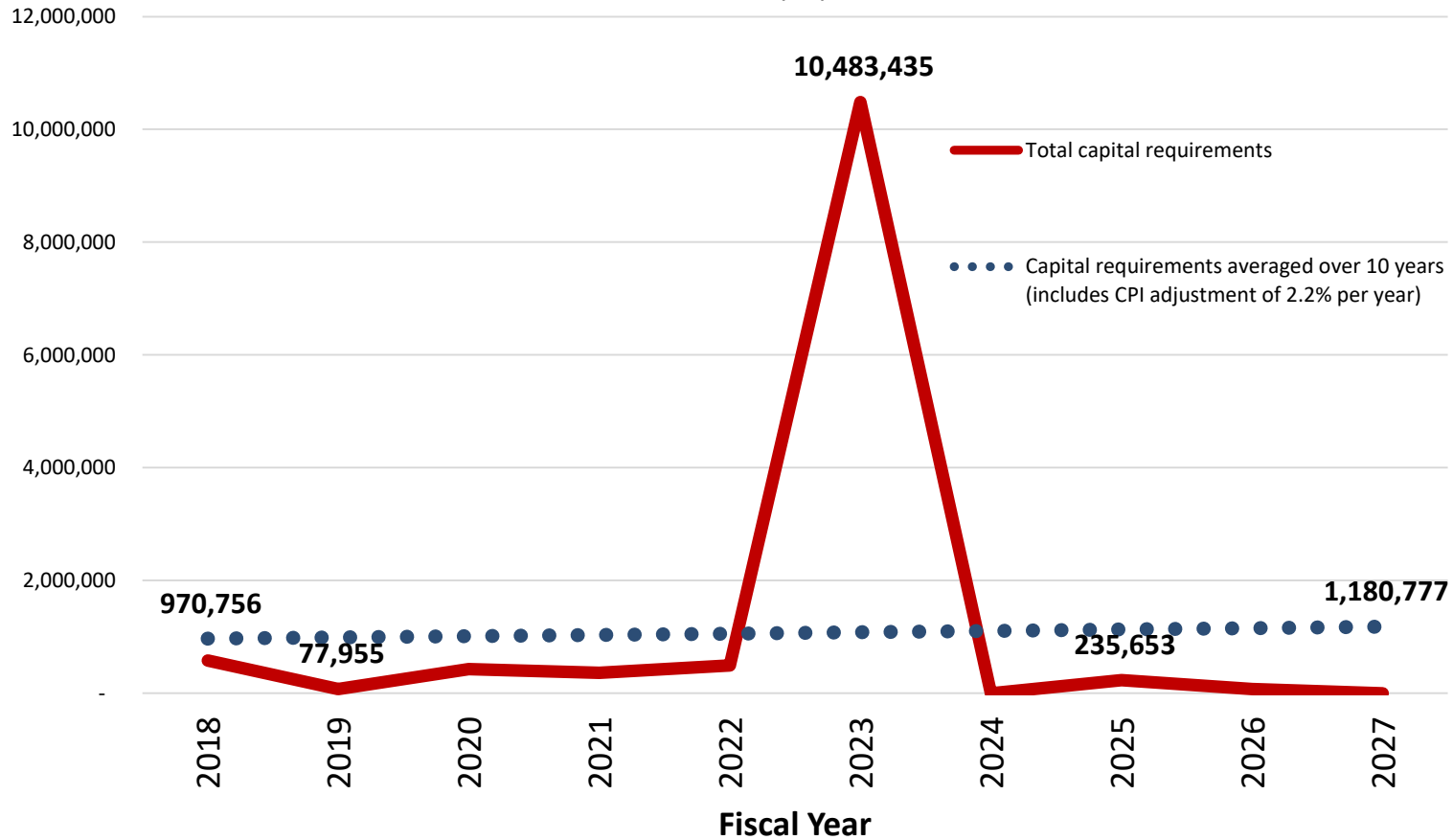
*Presented on a net present value basis.

Capital Requirements (cont.)

- Significant fluctuations in capital funding requirements year over year
- Average funding requirements over a ten year period indicate that \$971,000 per year
- In order to stabilize and smooth out capital requirements, average the capital asset needs over time

Capital Requirements (cont.)

Capital Assets - Ten Year Plan
In dollars (\$s)



Capital Requirements (cont.)

- Due to the significant cost and impact of current and future capital asset requirements, Staff recommends to proceed with the **Rate Study and** further develop the **Asset Management Plan** with internal and external resources. Grant opportunities will be reviewed



BUDGET COMPARISON

Budget Comparison

- 3 scenarios
- Demonstrate impact of different rate increases
- Sewer rates remain at 225% of water costs.

Budget Comparison (cont.)

- **Scenario #1**

- 7.5% increase in S.A.R.
- 7.5% increase in water usage rates

Scenario #1

	2017 Budget			2017 Forecast			2018 Budget		
	Operating	Capital	Total	Operating	Capital	Total	Operating	Capital	Total
Water									
Long Sault / Ingleside Regional									
Revenue	\$ 930,899	\$ 112,800	\$1,043,699	\$ 979,104	\$ 224,552	\$1,203,656	\$1,103,537	\$ -	\$1,103,537
Expenses	861,343	112,800	974,143	812,025	123,585	935,610	910,190	95,000	1,005,190
NET SURPLUS / (DEFICIT)	69,556	-	69,556	167,079	100,967	268,046	193,347	(95,000)	98,347
Eamers Corners / St Andrews									
Revenue	204,755	14,900	219,655	173,959	26,680	200,639	197,794	-	197,794
Expenses	223,593	14,900	238,493	193,196	18,272	211,468	223,600	-	223,600
NET (DEFICIT) / SURPLUS	(18,838)	-	(18,838)	(19,237)	8,408	(10,829)	(25,806)	-	(25,806)
Newington									
Revenue	61,475	22,750	84,225	75,297	8,301	83,598	80,860	24,097	104,957
Expenses	92,345	28,750	121,095	80,451	4,653	85,104	95,850	51,750	147,600
NET (DEFICIT) / SURPLUS	(30,870)	(6,000)	(36,870)	(5,154)	3,648	(1,506)	(14,990)	(27,653)	(42,643)
TOTAL WATER SURPLUS / (DEFICIT)	19,848	(6,000)	13,848	142,688	113,023	255,711	152,551	(122,653)	29,898
Waste Water									
Long Sault									
Revenue	455,858	187,262	643,120	401,466	247,423	648,889	491,191	219,602	710,793
Expenses	462,123	16,000	478,123	467,184	46,673	513,857	545,500	49,000	594,500
NET (DEFICIT) / SURPLUS	(6,265)	171,262	164,997	(65,718)	200,750	135,032	(54,309)	170,602	116,293
Ingleside									
Revenue	1,187,224	282,363	1,469,587	1,293,214	442,250	1,735,464	1,328,241	632,997	1,961,238
Expenses	1,374,150	304,938	1,679,088	1,328,330	590,481	1,918,811	1,193,900	578,938	1,772,838
NET (DEFICIT) / SURPLUS	(186,926)	(22,575)	(209,501)	(35,116)	(148,231)	(183,347)	134,341	54,059	188,400
Eamers Corners									
Revenue	1,400	-	1,400	1,394	-	1,394	1,475	-	1,475
Expenses	1,400	-	1,400	1,400	-	1,400	1,475	-	1,475
NET SURPLUS / (DEFICIT)	-	-	-	(6)	-	(6)	-	-	-
TOTAL WASTE WATER (DEFICIT) / SURPLUS	(193,191)	148,687	(44,504)	(100,840)	52,519	(48,321)	80,032	224,661	304,693
Capital Water Project (Debentures)									
Revenue	361,683	-	361,683	361,683	-	361,683	209,941	-	209,941
Expenses	481,537	-	481,537	497,387	-	497,387	308,965	-	308,965
TOTAL CAPITAL WATER DEFICIT	(119,854)	-	(119,854)	(135,704)	-	(135,704)	(99,024)	-	(99,024)
Deficit / (Surplus) Adjustment	150,510	-	150,510	205,609	(277,294)	(71,685)	(133,559)	(102,008)	(235,567)
TOTAL SURPLUS / (DEFICIT)	\$ (142,687)	\$ 142,687	\$ -	\$ 111,752	\$ (111,752)	\$ (0)	\$ -	\$ (0)	\$ (0)

*May be some slight variances due to rounding



Budget Comparison (cont.)

- **Scenario #2**

- 5.0% increase in S.A.R.
- 5.0% increase in water usage rates

Scenario #2

	2017 Budget			2017 Forecast			2018 Budget		
	Operating	Capital	Total	Operating	Capital	Total	Operating	Capital	Total
<u>Water</u>									
Long Sault / Ingleside Regional									
Revenue	\$ 930,899	\$ 112,800	\$1,043,699	\$ 979,104	\$ 224,552	\$1,203,656	\$1,068,223	\$ -	\$1,068,223
Expenses	861,343	112,800	974,143	812,025	123,585	935,610	910,190	95,000	1,005,190
NET SURPLUS / (DEFICIT)	69,556	-	69,556	167,079	100,967	268,046	158,033	(95,000)	63,033
Eamers Corners / St Andrews									
Revenue	204,755	14,900	219,655	173,959	26,680	200,639	193,299	-	193,299
Expenses	223,593	14,900	238,493	193,196	18,272	211,468	223,600	-	223,600
NET (DEFICIT) / SURPLUS	(18,838)	-	(18,838)	(19,237)	8,408	(10,829)	(30,301)	-	(30,301)
Newington									
Revenue	61,475	22,750	84,225	75,297	8,301	83,598	79,035	24,097	103,132
Expenses	92,345	28,750	121,095	80,451	4,653	85,104	95,850	51,750	147,600
NET (DEFICIT) / SURPLUS	(30,870)	(6,000)	(36,870)	(5,154)	3,648	(1,506)	(16,815)	(27,653)	(44,468)
TOTAL WATER SURPLUS / (DEFICIT)	19,848	(6,000)	13,848	142,688	113,023	255,711	110,918	(122,653)	(11,735)
<u>Waste Water</u>									
Long Sault									
Revenue	455,858	187,262	643,120	401,466	247,423	648,889	468,321	214,495	682,816
Expenses	462,123	16,000	478,123	467,184	46,673	513,857	545,500	49,000	594,500
NET (DEFICIT) / SURPLUS	(6,265)	171,262	164,997	(65,718)	200,750	135,032	(77,179)	165,495	88,316
Ingleside									
Revenue	1,187,224	282,363	1,469,587	1,293,214	442,250	1,735,464	1,311,264	629,693	1,940,957
Expenses	1,374,150	304,938	1,679,088	1,328,330	590,481	1,918,811	1,193,900	578,938	1,772,838
NET (DEFICIT) / SURPLUS	(186,926)	(22,575)	(209,501)	(35,116)	(148,231)	(183,347)	117,364	50,755	168,119
Eamers Corners									
Revenue	1,400	-	1,400	1,394	-	1,394	1,475	-	1,475
Expenses	1,400	-	1,400	1,400	-	1,400	1,475	-	1,475
NET SURPLUS / (DEFICIT)	-	-	-	(6)	-	(6)	-	-	-
TOTAL WASTE WATER (DEFICIT) / SURPLUS	(193,191)	148,687	(44,504)	(100,840)	52,519	(48,321)	40,185	216,250	256,435
<u>Capital Water Project (Debentures)</u>									
Revenue	361,683	-	361,683	361,683	-	361,683	209,941	-	209,941
Expenses	481,537	-	481,537	497,387	-	497,387	308,965	-	308,965
TOTAL CAPITAL WATER DEFICIT	(119,854)	-	(119,854)	(135,704)	-	(135,704)	(99,024)	-	(99,024)
Deficit / (Surplus) Adjustment	150,510	-	150,510	205,609	(277,294)	(71,685)	(133,559)	(12,117)	(145,676)
TOTAL SURPLUS / (DEFICIT)	\$ (142,687)	\$ 142,687	\$ -	\$ 111,752	\$ (111,752)	\$ (0)	\$ (81,480)	\$ 81,480	\$ (0)

*May be some slight variances due to rounding



Budget Comparison (cont.)

- **Scenario #3**

- 7.5% increase in S.A.R.
- 7.5% increase in water usage rates
 - Long Sault / Ingleside
 - Newington
- 22% increase in water usage rates
 - Eamers Corners / St. Andrews

Scenario #3

	2017 Budget			2017 Forecast			2018 Budget		
	Operating	Capital	Total	Operating	Capital	Total	Operating	Capital	Total
Water									
Long Sault / Ingleside Regional									
Revenue	\$ 930,899	\$ 112,800	\$1,043,699	\$ 979,104	\$ 224,552	\$1,203,656	\$1,103,537	\$ -	\$1,103,537
Expenses	861,343	112,800	974,143	812,025	123,585	935,610	910,190	95,000	1,005,190
NET SURPLUS / (DEFICIT)	69,556	-	69,556	167,079	100,967	268,046	193,347	(95,000)	98,347
Eamers Corners / St Andrews									
Revenue	204,755	14,900	219,655	173,959	26,680	200,639	223,866	-	223,866
Expenses	223,593	14,900	238,493	193,196	18,272	211,468	223,600	-	223,600
NET (DEFICIT) / SURPLUS	(18,838)	-	(18,838)	(19,237)	8,408	(10,829)	266	-	266
Newington									
Revenue	61,475	22,750	84,225	75,297	8,301	83,598	80,860	24,097	104,957
Expenses	92,345	28,750	121,095	80,451	4,653	85,104	95,850	51,750	147,600
NET (DEFICIT) / SURPLUS	(30,870)	(6,000)	(36,870)	(5,154)	3,648	(1,506)	(14,990)	(27,653)	(42,643)
TOTAL WATER SURPLUS / (DEFICIT)	19,848	(6,000)	13,848	142,688	113,023	255,711	178,623	(122,653)	55,970
Waste Water									
Long Sault									
Revenue	455,858	187,262	643,120	401,466	247,423	648,889	491,191	214,495	705,686
Expenses	462,123	16,000	478,123	467,184	46,673	513,857	545,500	49,000	594,500
NET (DEFICIT) / SURPLUS	(6,265)	171,262	164,997	(65,718)	200,750	135,032	(54,309)	165,495	111,186
Ingleside									
Revenue	1,187,224	282,363	1,469,587	1,293,214	442,250	1,735,464	1,328,241	629,693	1,957,934
Expenses	1,374,150	304,938	1,679,088	1,328,330	590,481	1,918,811	1,193,900	578,938	1,772,838
NET (DEFICIT) / SURPLUS	(186,926)	(22,575)	(209,501)	(35,116)	(148,231)	(183,347)	134,341	50,755	185,096
Eamers Corners									
Revenue	1,400	-	1,400	1,394	-	1,394	1,475	-	1,475
Expenses	1,400	-	1,400	1,400	-	1,400	1,475	-	1,475
NET SURPLUS / (DEFICIT)	-	-	-	(6)	-	(6)	-	-	-
TOTAL WASTE WATER (DEFICIT) / SURPLUS	(193,191)	148,687	(44,504)	(100,840)	52,519	(48,321)	80,032	216,250	296,282
Capital Water Project (Debentures)									
Revenue	361,683	-	361,683	361,683	-	361,683	209,941	-	209,941
Expenses	481,537	-	481,537	497,387	-	497,387	308,965	-	308,965
TOTAL CAPITAL WATER DEFICIT	(119,854)	-	(119,854)	(135,704)	-	(135,704)	(99,024)	-	(99,024)
Deficit / (Surplus) Adjustment	150,510	-	150,510	205,609	(277,294)	(71,685)	(133,559)	(119,669)	(253,228)
TOTAL SURPLUS / (DEFICIT)	\$ (142,687)	\$ 142,687	\$ -	\$ 111,752	\$ (111,752)	\$ (0)	\$ 26,072	\$ (26,072)	\$ 0

*May be some slight variances due to rounding



Budget Comparisons (cont.)

- Significant difference in ability to cover operating costs, contribute to capital and capital reserves
 - Scenario #1 - \$236,000 surplus
 - Scenario #2 - \$146,000 surplus
 - Scenario #3 - \$253,000 surplus



2018 RECOMMENDED BUDGET



Staff Recommended Budget

Water / Waste Water Summary

2018 Budget

	Budget 2017	Unaudited 2017	Budget 2018
Revenue			
Long Sault / Ingleside Regional Water	\$ 1,043,699	\$ 1,203,656	\$ 1,103,537
Eamers Corners / St Andrews Water	219,655	200,639	197,794
Newington Water	84,225	83,598	104,957
Long Sault Sewer	643,120	648,889	710,793
Ingleside Sewer	1,469,587	1,735,464	1,961,238
Eamers Corners Sewer	1,400	1,394	1,475
Capital Water Project	361,683	361,683	209,941
Deficit Adjustment	150,510	-	-
	<u>\$ 3,973,879</u>	<u>\$ 4,235,323</u>	<u>\$ 4,289,735</u>
Expense			
Long Sault / Ingleside Regional Water	\$ 974,143	\$ 935,610	\$ 1,005,190
Eamers Corners / St Andrews Water	238,493	211,468	223,600
Newington Water	121,095	85,104	147,600
Long Sault Sewer	478,123	513,857	594,500
Ingleside Sewer	1,679,088	1,918,811	1,772,838
Eamers Corners Sewer	1,400	1,400	1,475
Capital Water Project	481,537	497,387	308,965
Surplus Adjustment	-	71,685	235,567
	<u>\$ 3,973,879</u>	<u>\$ 4,235,323</u>	<u>\$ 4,289,735</u>

