TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***ENVIRONMENTAL - REVENUE*** ACCOUNT#:

2019 BUDGET	2018 YTD	2019 YTD	CODE	OBJECT	2020 DEPT REQUEST	*	2020 FINAL APPROVED	2021 FORECAST	2022 FORECAST
-180,000	-181,261	-131,402	87024	Industrial Surcharge	-200,000			-240,000	-244,800
-5,291,732	-4,709,366	-3,076,837	87025	Rates	-5,493,005			-5,932,445	-6,407,041
-200,000	-224,670	-219,235	87058	Septic Waste Processing	-210,000			-214,200	-218,484
-500,000	-663,359	-450,284	87059	Leachate Processing	-600,000			-734,400	-749,088
-12,500	-17,588	-9,319	87066	WPCP #2 - Bell Tower Rental	-12,750			-12,750	-12,750
-25,000	-19,024	-10,924	87093	NRG Curtailment	-20,000			-20,000	-20,000
-6,209,232	-5,815,268	-3,898,001		TOTAL ENVIRONMENTAL REVENUE	-6,535,755	*	0	-7,153,795	-7,652,163

2019-11-20

*Indicates increase over previous year

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

BUDGET JUSTIFICATION

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #1***

STATEMENT OF PURPOSE:
Environmental Revenue generated.

PERFORMANCE DATA:

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	87024	Industrial Surcharge	Industrial surcharge agreements with four industries. (3 previous, 1 new)
2020	87025	Sewer Rates	Assume 8% increase per year, CN Watson Report recommendation
2020	87058	Septic Waste Processing	Assumes 15,000 m3 @13.35/m3
2020	87059	Leachate Processing	40,000 m3 @ 13.35/m3 plus add 20% capacity in 2021 for new SBR
2020	87066	Bell Tower Rental	Bell Canada rental for cell tower on Plant #2 property
2020	87093	NRG Curtailment	Hydro One pays WPCP $10,000/event, usually one summer event and one winter event. Reduced from 2019 due to energy savings at Plants (i.e. less kwhr removed from grid)

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #1*** ACCOUNT#: ***4000.10***

2019 BUDGET	2018 YTD	2019 YTD	CODE	OBJECT	2020 DEPT REQUEST	*	2020 FINAL APPROVED	2021 FORECAST	2022 FORECAST
541,353	475,766	411,209	401010	Payroll Salaries & Wages	555,083	*		570,496	586,204
24,511	37,859	27,868	401011	Payroll - Overtime	24,577			25,007	25,445
14,323	11,295	9,503	401012	Payroll - Standby	16,386	*		16,673	16,965
26,400	33,883	27,943	401015	Payroll Part Time Wages	24,640			25,071	25,510
188,338	137,072	118,687	401030	Payroll Fringe Benefits	187,459			204,579	222,449
4,488	3,292	2,541	401031	Payroll - Fringe Benefits Part-time	4,312			4,889	5,485
2,650	2,920	2,388	401050	Clothing	2,200			2,650	2,700
1,350	1,620	1,621	401060	Footwear	1,350			1,350	1,350
300	0	0	401070	Cleaning Allowance	300			300	300
300	388	228	401080	Employee Meal Allowance	300			300	300
804,013	704,095	601,988		SUB TOTAL SALARIES, WAGES & BENEFITS	816,607		0	851,315	886,708
4,200	4,614	3,094	4010150	Office Supplies	4,284	*		4,370	4,457
5,000	4,145	3,184	4010180	Telephone & Answering Svc	5,000			5,000	5,000
2,500	0	0	4010183	Communications	0			0	0
800	289	1,209	4010185	Alarm Line	816	*		832	849
500	447	447	4010204	Radio Licence	510	*		520	531
500	0	0	4010210	Advertising & Promotion	510	*		520	531
2,300	2,316	2,409	4010220	Printing	2,500	*		2,550	2,601
1,200	0	407	4010230	Photocopier Expense	1,224	*		1,248	1,273
8,500	11,892	2,549	4010250	Membership & Subscrip'ns	7,255			7,400	7,550
23,000	20,646	14,761	4010260	Training & Courses	24,000	*		22,000	22,440
22,000	25,288	19,985	4010450	Heat	25,000	*		25,500	26,010
7,200	10,702	1,185	4010470	Building Maintenance	7,344	*		7,491	7,641
4,500	1,992	3,657	4010500	Custodial/Cleaning Supplies	4,590	*		4,682	4,775
30,000	36,738	47,299	4010560	Chemicals	34,000	*		30,000	30,600
5,000	545	8,781	4010570	Property Improvements	5,100	*		5,202	5,306
3,000	1,569	2,870	4010600	Vehicle Maint & Repair	3,060	*		3,121	3,184
3,000	0	1,165	4010640	Oil & Grease	3,060	*		3,121	3,184
5,000	3,861	2,264	4010650	Gasoline	5,100	*		5,202	5,306
13,000	4,561	8,096	4010670	Other Equipment Purchases	13,260	*		13,525	13,796
132,000	171,735	92,682	4010680	Other Equip Maint & Rep	134,640	*		137,333	140,079
18,000	20,199	16,872	4010710	Lab Supplies	18,360	*		18,727	19,102
280,000	361,905	201,620	4010840	Utilities	285,600	*		291,312	297,138
10,000	11,140	3,876	4010850	Special Project	10,000			10,000	10,000
0	0	7,704	4010851	Sp Project - Bridge Assessment	0			0	0
0	0	0	NEW	Special Project - Facility Condition Assessment	40,000	*		0	0
581,200	694,584	446,116		SUB TOTAL MATERIALS	635,213	*	0	599,656	611,353

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #1*** ACCOUNT#: ***4000.10***

2019 BUDGET	2018 YTD	2019 YTD	CODE	OBJECT	2020 DEPT REQUEST	*	2020 FINAL APPROVED	2021 FORECAST	2022 FORECAST
1,500	1,333	0	4010300	Legal Fees	1,500			1,530	1,560
55,000	53,835	-119,220	4010320	Insurance	57,000	*		57,000	57,000
8,500	9,247	6,111	4010480	Garbage Removal	8,500			8,670	8,843
70,000	71,948	82,324	4010750	Contracts	82,500	*		82,500	82,500
20,000	18,017	12,873	4010751	Snow Removal	20,000			20,400	20,808
55,000	52,289	11,880	4010752	Centrifuge	54,000			54,000	54,000
25,000	20,280	17,017	4010780	Lab Testing	27,000	*		27,540	28,091
235,000	226,949	10,985		SUB TOTAL CONTRACTED SERVICES	250,500	*	0	251,640	252,802
0	2,372,127	0	4010912	Transfer to Reserve	0			0	0
0	2,372,127	0		SUB TOTAL OTHER CHARGES & TRANSFERS	0	*	0	0	0
38,000	35,747	77,492	4010541	Payment-in-Lieu of Taxes	40,000	*		40,800	41,616
38,000	35,747	77,492		SUB TOTAL FINANCIAL	40,000	*	0	40,800	41,616
1,658,213	4,033,502	1,136,581		TOTAL WATER POLLUTION CONTROL PLANT #1	1,742,320	*	0	1,743,411	1,792,479

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

BUDGET JUSTIFICATION

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #1***

STATEMENT OF PURPOSE:

Salaries, operating and maintenance costs for Plant #1.

PERFORMANCE DATA:

Plant Flow (m3 per day)

2020	9800 Estimate
2019	9800 Estimate
2018	9837
2017	9739
2016	7974
2015	8471
2014	8252
2013	7458

Biosolids Haulage (m3/yr) *

2020	9,000 Estimate
2019	9,000 Estimate
2018	9,030
2017	7,065
2016	5,434
2015	5,810
2014	4,757
2013	7,129

* Note: Includes both Truck Haulage and Centrifuge volumes

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	401010	Payroll Salaries & Wages	Contractual obligations for Full-time staff R & S staff training for PACP sewer inspection (2020 only)
2020	401015	Payroll Part Time Wages	Contractual obligations for Part-time/student staff
2020	401050	Clothing	Contractual
2020	401060	Footwear	Contractual
2020	401070	Cleaning Allowance	Cleaning soiled/contaminated clothing
2020	401080	Meal Allowance	Contractual - $12 x 25 occurrences/yr
2020	4010150	Office Supplies	Stationary, printer cartridges
2020	4010180	Telephone & Answering Serv	Landline Phones and Blackberry Phones increased to allow for added cost of Fiber Optic internet service. Fibre optic connections required to permit SCADA communications between Plants.
2020	4010185	OPX / Alarm Line	Monthly Service Fee for Auto-Dialer Alarms
2020	4010200	Radio Licence	Annual License Fee for 2-Way Radios
2020	4010210	Advertising & Promotion	External Job Postings, LUSI Inserts, etc
2020	4010220	Printing	Third Party Printing Services
2020	4010230	Photocopier Expense	Leasing cost for photocopier
2020	4010250	Membership & Subscrip'ns	These are a listing for both WPCP #1 & WPCP #2 Operators Licence Renewals - $145 x 9 operators - $1,305 OACETT Memberships (4) - $500 - $2,000 WEAO Memberships (3) - $500 - $1,500 Technical Standards - $200 MSDS Online - $1,550 Specialty Technical Publishers - $700

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

BUDGET JUSTIFICATION

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #1***

STATEMENT OF PURPOSE:

Salaries, operating and maintenance costs for Plant #1.

PERFORMANCE DATA:

Plant Flow (m3 per day)

2020	9800	Estimate
2019	9800	Estimate
2018	9837	
2017	9739	
2016	7974	
2015	8471	
2014	8252	
2013	7458	

Biosolids Haulage (m3/yr) *

2020	9,000	Estimate
2019	9,000	Estimate
2018	9,030	
2017	7,065	
2016	5,434	
2015	5,810	
2014	4,757	
2013	7,129	

* Note: Includes both Truck Haulage and Centrifuge volumes

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	4010260	Training & Courses	Operator require mandatory 40 hrs/yr for WWT license and one R & S staff training for PACP sewer inspection
2020	4010300	Legal Fees	Lawyer's fees, legal advice, if required
2020	4010320	Insurance	Building and property insurance
2020	4010450	Heat	Heat in buildings + flare stack. Add allowance for new Headworks Bldg
2020	4010470	Building Maintenance	General building repairs
2020	4010480	Garbage Removal	Landfill costs for disposing of waste material
2020	4010500	Custodial/Cleaning Supplies	Cleaning supplies
2020	4010560	Chemicals	Alum unchanged. Start ozone in July 2020, reduce chlorine to $8,000 and Sulfur Dioxide to $10,000
2020	4010570	Property Improvements	Sidewalk repairs, landscaping, etc.
2020	4010600	Vehicle Maint & Repair	Major repairs for town owned vehicles
2020	4010640	Oil & Grease	Routine maintenance of town owned vehicles
2020	4010650	Gasoline	Fuel for town owned vehicles
2020	4010670	Other Equipment Purchases	Emergency replacement of equipment
2020	4010680	Other Equip Maint & Rep	Routine maintenance of plant & equipment
2020	4010710	Lab Supplies	Purchase of consumable lab supplies
2020	4010750	Contracts	Biosolids haulage - 5,500 m3 @ $15/m3 - Trucked
2020	4010751	Snow Removal	Contractor plowing of Plants and Pump Stations
2020	4010752	Centrifuge	Biosolids Processed assumes: 3,600 m3 @ $15/m3 - Centrifuged

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #1***

STATEMENT OF PURPOSE:
Salaries, operating and maintenance costs for Plant #1.

PERFORMANCE DATA:

Plant Flow (m3 per day)

2020	9800	Estimate
2019	9800	Estimate
2018	9837	
2017	9739	
2016	7974	
2015	8471	
2014	8252	
2013	7458	

Biosolids Haulage (m3/yr) *

2020	9,000	Estimate
2019	9,000	Estimate
2018	9,030	
2017	7,065	
2016	5,434	
2015	5,810	
2014	4,757	
2013	7,129	

* Note: Includes both Truck Haulage and Centrifuge volumes

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	4010780	Lab Testing	Testing conducted by accredited laboratory
2020	4010840	Utilities	Electricity and water costs. Hydro increases for new Headwork building and ozone, decrease for new blower.
2020	4010850	Special Project	This money is used to fund annual projects that will serve to reduce costs and / or improve efficiency at the Treatment plants. 2020: Public Education, flow studies to reduce infiltration and inflow.
2020	NEW	Sp Project - Asset Management Facility Condition Assessment	The Town is mandated by the provincial government to have an asset management plan in place by 2024 which includes all buildings, facilities, fleet & infrastructure. This assessment will include both plants and 5 sanitary pump stations.

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #2*** ACCOUNT#: ***4000.20***

2019 BUDGET	2018 YTD	2019 YTD	CODE	OBJECT	2020 DEPT REQUEST	*	2020 FINAL APPROVED	2021 FORECAST	2022 FORECAST
541,353	441,103	406,377	402010	Payroll Salaries & Wages	555,084	*		570,496	586,204
24,511	37,859	27,867	402011	Payroll - Overtime	24,577			25,007	25,445
14,323	11,292	9,500	402012	Payroll - Standby	16,386	*		16,673	16,965
26,400	5,142	12,668	402015	Payroll Part Time Wages	24,640			25,071	25,510
188,338	136,807	119,317	402030	Payroll Fringe Benefits	187,459			204,579	222,449
4,488	505	1,226	402031	Payroll Fringe Benefits Part-time	4,312			4,889	5,485
2,550	2,033	1,553	402050	Clothing	2,200			2,650	2,700
1,350	810	810	402060	Footwear	1,350			1,350	1,350
350	0	0	402070	Cleaning Allowance	300			300	300
300	361	57	402080	Employee Meal Allowance	300			300	300
803,963	635,912	579,375		SUB TOTAL SALARIES, WAGES & BENEFITS	816,608		0	851,315	886,708
2,500	729	1,231	4020150	Office Supplies	2,500			2,550	2,601
2,000	1,608	1,462	4020180	Telephone & Answering Svc	2,000			2,040	2,081
500	124	500	4020185	OPX / Alarm Line Charge	510	*		520	531
250	232	232	4020204	Radio License	255	*		260	265
500	0	0	4020210	Advertising & Promotions	510	*		520	531
1,000	1,224	239	4020220	Printing/Photocopies	1,020	*		1,040	1,061
800	785	764	4020250	Memberships & Subscrip'ns	816	*		832	849
10,000	10,101	5,545	4020260	Training & Courses	10,000			10,200	10,404
35,000	34,240	18,702	4020450	Heat	35,000			35,700	36,414
6,000	1,562	4,931	4020470	Building Maintenance	6,120	*		6,242	6,367
3,000	2,737	1,823	4020500	Custodial/Cleaning Supplies	3,060	*		3,121	3,184
35,000	29,918	39,249	4020560	Chemicals	34,000			34,680	35,374
3,000	2,314	2,059	4020600	Vehicle Maint & Repairs	3,060	*		3,121	3,184
1,500	0	994	4020640	Oil & Grease	1,530	*		1,561	1,592
4,000	2,571	1,510	4020650	Gasoline	4,080	*		4,162	4,245
14,000	14,605	6,954	4020670	Other Equipment Purchases	14,280	*		14,566	14,857
125,000	144,389	130,614	4020680	Other Equip Maint & Rep	130,000	*		132,600	135,252
12,000	12,437	7,607	4020710	Lab Supplies	12,240	*		12,485	12,734
250,000	357,403	210,107	4020840	Utilities	200,000			204,000	208,080
6,000	2,299	147	4020850	Special Project	6,000			6,000	6,000
512,050	619,278	434,670		SUB TOTAL ADMINISTRATION	466,981		0	476,200	485,606

2019-11-20

*Indicates increase over previous year

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** *FUNCTION/ACTIVITY:* ***WATER POLLUTION CONTROL PLANT #2*** ACCOUNT#: ***4000.20***

2019 BUDGET	2018 YTD	2019 YTD	CODE	OBJECT	2020 DEPT REQUEST	*	2020 FINAL APPROVED	2021 FORECAST	2022 FORECAST
2,100	3,068	2,633	4020480	Garbage Removal	2,142	*		2,185	2,229
70,000	67,897	38,882	4020750	Contracts	81,000	*		81,000	81,000
18,000	16,690	13,477	4020780	Lab Testing	20,000	*		20,400	20,808
90,100	87,655	54,992		SUB TOTAL CONTRACTED SERVICES	103,142	*	0	103,585	104,037
56,000	53,953	0	4020541	Payment-in-Lieu of Taxes	57,120	*		58,262	59,427
56,000	53,953	0		SUB TOTAL FINANCIAL	57,120	*	0	58,262	59,427
1,462,113	1,396,798	1,069,037		TOTAL WATER POLLUTION CONTROL PLANT #2	1,443,851		0	1,489,362	1,535,778

2019-11-20

*Indicates increase over previous year

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

BUDGET JUSTIFICATION

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #2***

STATEMENT OF PURPOSE:
Salaries, operating and maintenance costs for Plant #2.

PERFORMANCE DATA:

Plant #2 Flow (m3 / day)

2020	5,700 Estimate
2019	5,665 Estimate
2018	5,250
2017	6,138
2016	4,661
2015	4,844
2014	4,576
2013	4,573

Biosolids Haulage (m3 / yr)

2020	5,400 Estimate
2019	5,000 Estimate
2018	6,000
2017	5,909
2016	6,062
2015	3,950
2014	3,963
2013	5,943

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	402010	Payroll Salaries & Wages	Contractual obligations for Full-time staff
2020	402015	Payroll Part Time Wages	Contractual obligations for Part-time/student staff
2020	402050	Clothing	Contractual
2020	402060	Footwear	Contractual
2020	402070	Cleaning Allowance	Cleaning soiled/contaminated clothing
2020	402080	Meal Allowance	Contractual - $12 x 25 occurrences/yr
2020	4020150	Office Supplies	Stationary, printer cartridges
2020	4020180	Telephone & Answering Serv	Landline Phones and Blackberry Phones Fiber optic connections required to permit SCADA communications between Plants.
2020	4020185	OPX / Alarm Line	Monthly Service Fee for Auto-Dialer Alarms
2020	4020200	Radio Licence	Annual Licence Fee for 2-way radios
2020	4020210	Advertising & Promotions	External Job postings, LUSI inserts, etc.
2020	4020220	Printing & Photocopier	Third Party Printing Services
2020	4020230	Photocopier Expense	Leasing cost for photocopier
2020	4020250	Membership & Subscrip'ns	See WPCP #1 for details of the line item
2020	4020260	Training & Courses	Operator require mandatory 40 hrs/yr for WWT license
2020	4020450	Heat	$8,000/yr to fuel pilot burner on flare stack (TSSA requirement), remainder of heating costs are for the Administrative building.
2020	4020470	Building Maintenance	General building repairs

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

BUDGET JUSTIFICATION

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***WATER POLLUTION CONTROL PLANT #2***

STATEMENT OF PURPOSE:
Salaries, operating and maintenance costs for Plant #2.

PERFORMANCE DATA:

Plant #2 Flow (m3 / day)

2020	5,700 Estimate
2019	5,665 Estimate
2018	5,250
2017	6,138
2016	4,661
2015	4,844
2014	4,576
2013	4,573

Biosolids Haulage (m3 / yr)

2020	5,400 Estimate
2019	5,000 Estimate
2018	6,000
2017	5,909
2016	6,062
2015	3,950
2014	3,963
2013	5,943

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	4020480	Garbage Removal	Landfill costs for disposing of waste material
2020	4020500	Custodial/Cleaning Supplies	Cleaning supplies
2020	4020560	Chemicals	Alum $12,000, Chlorine $12,000, Sulfur Dioxide $10,000
2020	4020570	Property Improvements	Sidewalk repairs, landscaping, etc.
2020	4020600	Vehicle Maint & Repair	Major repairs for town owned vehicles
2020	4020640	Oil & Grease	Routine maintenance of town owned vehicles
2020	4020650	Gasoline	Fuel for town owned vehicles
2020	4020670	Other Equipment Purchases	Emergency replacement of equipment, replaced several old pumps and valves that failed during last year.
2020	4020680	Other Equip Maint & Rep	Routine maintenance of plant & equipment
2020	4020710	Lab Supplies	Purchase of consumable lab supplies
2020	4020750	Contracts	Biosolids haulage - 5,400 m3 @ $13/m3
2020	4020780	Lab Testing	Testing conducted by accredited laboratory
2020	4020840	Utilities	Electricity and water costs, actual costs. Net decrease with new blower.
2020	4020850	Special Project	This money is used to fund annual projects that will serve to reduce costs and / or improve efficiency at the Treatment plants. 2020: Public Education, flow studies to reduce infiltration and inflow.

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***SANITARY SEWER PUMP HOUSES*** ACCOUNT#: ***4100.10***

2019 BUDGET	2018 YTD	2019 YTD	CODE	OBJECT	2020 DEPT REQUEST	*	2020 FINAL APPROVED	2021 FORECAST	2022 FORECAST
0	0	0	411010	Payroll Salaries & Wages	0		0	0	0
0	0	0	411030	Payroll Fringe Benefits	0		0	0	0
0	0	0		SUB TOTAL SALARIES, WAGES & BENEFITS	0		0	0	0
2,000	495	2,001	4110185	OPX /Alarm Line Charges	2,100	*		2,142	2,185
3,200	2,124	1,550	4110450	Heat	3,264	*		3,329	3,396
8,000	11,163	31,659	4110681	McGill Station Maint & Re	8,000			8,160	8,323
3,000	3,300	5,130	4110682	Forth/Lakeview Stn Maint	3,060	*		3,121	3,184
5,000	4,054	2,854	4110683	Monks Cove Station Maint	5,000			5,100	5,202
6,000	2,738	3,853	4110684	Brook Rd S Station Maint	6,120	*		6,242	6,367
41,000	37,090	27,367	4110840	Utilities	41,000			41,820	42,656
68,200	60,964	74,414		SUB TOTAL MATERIALS	68,544		0	69,914	71,313
0	0	0	NEW	Sp Proj - Capacity Study Forth/Lakeview/Monk	45,000	*		0	0
0	0	0	NEW	Transfer to/from Reserve - Sanitary Reserve	-45,000			0	0
0	0	0		SUB TOTAL OTHER CHARGES & TRANSFERS	0	*	0	0	0
68,200	60,964	74,414		TOTAL SANITARY SEWER PUMP HOUSES	68,544		0	69,914	71,313

11-20-19

*Indicates increase over previous year

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

BUDGET JUSTIFICATION

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***SANITARY SEWER PUMP HOUSES***

STATEMENT OF PURPOSE:
To provide preventive maintenance and emergency maintenance for the sanitary sewage pump houses.

PERFORMANCE DATA:

5 pumping stations/ 12 pumps.
Sanitary force main valves.

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	411010	Payroll Salaries & Wages	Operator cost to maintain Pump Stations
2020	411030	Payroll Fringe Benefits	Benefits associated with cost of operator
2020	4110185	OPX / Alarm Line Charges	Leasing costs for station alarms (4 x $510)
2020	4110450	Heat	Heating costs for stations
2020	4110681	McGill Station Maint & Rep	Preventative & routine maintenance of Pump Stations Additional in 2019 for brick work on transformer enclosure and double walled gas tank (code).
2020	4110682	Forth / Lakeview Stn Maint & Rep	Preventative & routine maintenance of Pump Stations
2020	4110683	Monks Cove Stn Maint & Rep	Preventative & routine maintenance of Pump Stations
2020	4110684	Brook Rd S Stn Maint & Rep	Preventative & routine maintenance of Pump Stations
2020	4110840	Utilities	Electricity costs for stations
2020	NEW	Sp Project - Capacity Study Forth, Lakeview, Monk Stations	Review capacity of these stations and consider options to combine them and eliminate private pumping and septic systems in the area of Cedermere, Tay and Bagot Streets.

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***SANITARY SEWER SYSTEMS*** ACCOUNT#: ***4100.10***

2019 BUDGET	2018 YTD	2019 YTD	CODE	OBJECT	2020 DEPT REQUEST	*	2020 FINAL APPROVED	2021 FORECAST	2022 FORECAST
108,637	78,915	90,541	412010	Payroll Salaries & Wages	110,701			112,804	115,060
7,595	3,697	3,695	412011	Payroll - Overtime	7,740	*		7,887	8,045
1,100	3,393	1,481	412015	Payroll Part Time Wages	1,150	*		1,200	1,224
36,393	26,320	30,731	412030	Payroll Fringe Benefits	39,299	*		42,301	43,147
210	318	125	412031	Payroll Part Time Benefits	245	*		275	281
153,935	112,643	126,573		SUB TOTAL SALARIES, WAGES & BENEFITS	159,135	*	0	164,467	167,757
0	0	0	NEW	Vehicle Maintenance & Repairs #40	25,000			25,000	25,000
0	0	0	NEW	Vehicle Maintenance & Repairs #18	3,200			3,200	3,200
2,000	1,211	5,525	4120680	Other Equip Maint & Rep	5,000	*		5,100	5,202
25,000	0	17,517	4120691	Equipment Rentals	25,000			25,500	26,010
125,000	119,819	0	4120692	Town Owned Equip Rentals	125,000			127,500	130,050
15,000	15,942	5,558	4120820	Other Operating Materials	15,000			15,300	15,606
52,000	6,927	7,582	4120851	Special Project - Vactor Truck Auto Rewind	0			0	0
219,000	143,899	36,182		SUB TOTAL MATERIALS	198,200		0	201,600	205,068
100,000	76,008	50,263	4120750	Contracts	100,000			100,000	100,000
0	0	-12,082	87092	Recoveries - Sanitary	0			0	0
100,000	76,008	38,181		SUB TOTAL CONTRACTED SERVICES	100,000		0	100,000	100,000
35,000	35,000	35,000	4120911	Transfer to Vehicle Reserve	78,000	*		79,560	81,150
35,000	35,000	35,000		SUB TOTAL OTHER CHARGES & TRANSFERS	78,000	*	0	79,560	81,150
4,900	4,737	0	4120541	Payment-in-Lieu Taxes	5,000	*		5,100	5,200
4,900	4,737	0		SUB TOTAL FINANCIAL	5,000	*	0	5,100	5,200
512,835	372,287	235,936		TOTAL SANITARY SEWER SYSTEMS	540,335	*	0	550,727	559,175

11-20-19

*Indicates increase over previous year

TOWN OF COBOURG
2020 OPERATING BUDGET ESTIMATES

BUDGET JUSTIFICATION

COMMITTEE: ***ENVIRONMENTAL*** FUNCTION/ACTIVITY: ***SANITARY SEWER SYSTEMS***

STATEMENT OF PURPOSE:
To provide emergency repairs of the sanitary sewers.

PERFORMANCE DATA:

HIGHLIGHTS/EXPLANATIONS:

YEAR	CODE	OBJECT	DETAILS
2020	412010	Payroll Salaries & Wages	Operator cost to maintain collection system
2020	412015	Payroll Part-time Wages	Part-time staff hours to maintain collection system
2020	412030	Payroll Benefits	Benefit cost of full-time staff to maintain station
2020	412031	Payroll Part-time Benefits	Benefit cost of part-time staff to maintain station
2020	NEW	Vehicle Maintenance & Repairs	Camera Truck and Vactor Truck moved from Public Works
2020	4120680	Other Equip Maint & Rep	Preventative maintenance of Station & equipment - major repair on push camera in 2019
2020	4120691	Equipment Rentals	e.g. Third party equipment rental
2020	4120692	Town Owned Equip Rentals	e.g. Use of Town Vac Truck to remove grease
2020	4120750	Contracts	Sanitary Sewer contracted repairs
2020	4120820	Other Operating Materials	Misc supplies for station upkeep
2020	4120911	Transfer to Vehicle Reserve	Funds directed to vehicle replacement 4 Half Tons - $18,000 / yr Vactor Truck - 60,000 / yr

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works **DEPARTMENT:** Environmental Services **1. PROJECT NAME & DESCRIPTION** Sequence Batch Reactor (SBR) Expansion	**3. PROJECT DETAIL & JUSTIFICATION:** The SBR is used to pre-treat septic waste and leachate prior to its entry into the main Plant. A great deal of revenue is generated from treating imported waste, but customers are currently being turned away, due to a lack of capacity in the SBR. Adding a second SBR will permit preventative maintenance to be conducted while concurrently expanding the business of pre-treating liquid waste. Budget was approved in 2019 to proceed with the design/building RFP and preliminary engineering so that construction could begin in 2020. Debenture payment with be approximately $350,000 / year Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	3,000,000		
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	3,000,000 -3,000,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	In 2019 the SCADA integration at Plant #1 began by interconnecting all buildings back to the SCADA computer in the Operations Room. Council pre-approved the next two steps to be completed by the same contractor for consistency in the installation as well as cost efficiencies. This second phase will permit inter-plant and pump station connectivity. Resolution 243-19, tasks #3 & #4.		
1. PROJECT NAME & DESCRIPTION WPCP Plant #1 SCADA - Phase II	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	260,000		
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	260,000 -260,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works **DEPARTMENT:** Environmental Services **1. PROJECT NAME & DESCRIPTION** Biosolids Holding Tank Repairs	**3. PROJECT DETAIL & JUSTIFICATION:** The Biosolids Holding Tanks at Plant #1 are 25 years old and require some maintenance. The north tank developed a leak in 2019 that required an emergency repair. Stones being thrown from the adjoining railway tracks chipped the exterior paint, allowing the underlying metal to rust through. The work includes repair of other chipped areas, replacement of sacrificial anodes, re-sealing/waterproofing of the interior joints and installation of exterior netting (i.e. to keep thrown rocks from striking the tanks) Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	85,000		
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	85,000 -85,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	A new scum trough was installed in the Contact Chamber at Plant #1 in 2019. Delays in the engineering of the sewer line to connect this trough to the Headworks, as well as insufficient budgetary request for funds, necessitated the deferral of the remainder of the scum trough project to the 2020 Capital Budget.		
1. PROJECT NAME & DESCRIPTION Sanitary Sewer Line for Scum Trough	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	200,000		
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	200,000 -200,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	The return pump is 25 years old. It is the third of three return pumps being replaced. This pump is used when either of the lead return pumps are off-line (i.e. for preventative maintenance or due to breakdown). This pump was budgeted for replacement in 2019 however due to the unexpected failure of the digester heat exchanger, funds were used to replace the heat exchanger instead.		
1. PROJECT NAME & DESCRIPTION Standby Return Pump - Plant #2	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES			
CONTRACTUAL	30,000		
CAPS BASED ON $			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	30,000	0	0
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer	-30,000		
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	One of the two Tertiary Filters at Plant #1 was replaced in 2019. The second tank requires media replacement in 2020. The cloth medium is 12 years old and its life expectancy in only 10 years. The second filter was taken off-line in 2019 when the cloth media began to tear. Replacement will allow staff to cycle between the two filter tanks, as they were designed.		
1. PROJECT NAME & DESCRIPTION Tertiary Filter Media Replacement	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	50,000		
6. NET REQUIREMENTS:	50,000	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	-50,000		
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	The existing shed at Plant #1 has been in use for 51 years. The outer walls are falling apart and the spill containment no longer meets code.		
1. PROJECT NAME & DESCRIPTION Solvent Shed Replacement - Plant #1	Spill containment involves a below grade concrete well beneath a grate. The shed will be a small pre-fab metal building. Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	15,000		
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	15,000 -15,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	Pump #3 at the McGill Pump Station is over 20 years old and is the only one of the three pumps at the station that has not yet been replaced (i.e. the other two pumps were replaced in 2013)		
1. PROJECT NAME & DESCRIPTION Pump Replacement - McGill Pump Station	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	150,000		
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	150,000 -150,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	McGill Pump Station is the largest of the Town's five sanitary pumping stations, pumping nearly 70% of the Town's sewage. The channel grinder is in place to grind up rags, grease and other such material that can plug or damage the pumps. Without the channel grinder, this material must be removed from a bar screen manually by an Operator and carried up two flights of stairs for disposal. A very labour intensive and inefficient process.		
1. PROJECT NAME & DESCRIPTION Channel Grinder Cartridge - McGill Pump Station	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	35,000		
6. NET REQUIREMENTS:	35,000	0	0
TO BE FINANCED FROM: DEBENTURES OWNERS RESERVES - Sewer OTHER	-35,000		
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works

DEPARTMENT: Environmental Services

1. PROJECT NAME & DESCRIPTION

ATP Monitoring Equipment

3. PROJECT DETAIL & JUSTIFICATION:

ATP (adenosine triphosphate) are molecules that store energy and in the case of wastewater treatment, are the live bugs/microbes that are needed to breakdown organic material in the water. The present method for determining the health of the live bugs is by total mass of the microbes which does not indicate what is dead or alive. Without these bugs, the plant will be out of MECP compliance. Having a ATP monitoring system will allow staff to take preventative action to reduce risk rather than always taking corrective action after all the bugs have been killed off.

Public Consultation Process **No**

2. COMMITMENTS MADE:

4. EFFECTS ON FUTURE OPERATING BUDGETS:

	2020	2021	2022
5. EXPENDITURES			
CONTRACTUAL	10,000		
CAPS BASED ON $			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	10,000	0	0
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer	-10,000		
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	The wetwell section of the Plant #2 headworks building is a very damp and corrosive environment. The ventilation system is 30 yrs old and the ductwork is badly rusted.		
1. PROJECT NAME & DESCRIPTION Headworks Ventilation System - Plant #2	The original unit is located inside the building. Installing a make up air (MUA) unit on the roof, will warm the incoming air & remove the equipment from the corrosive environment. This will increase the life expectancy of the equipment and reduce maintenance costs through ease of access. Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER	75,000		
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	75,000 -75,000	0	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works

DEPARTMENT: Environmental Services

1. PROJECT NAME & DESCRIPTION

Contact Chamber Redundancy

3. PROJECT DETAIL & JUSTIFICATION:

The MECP has indicated that they plan to mandate year-round disinfection of effluent (Cobourg currently only disinfect May 15 to Nov 15). This requirement will necessitate a second Contact Chamber, so that annual maintenance can be performed on one tank, while the other is in operation. An engineer will prepare a design that can be put to tender as soon as the MECP issues the mandate.

Public Consultation Process **No**

2. COMMITMENTS MADE:

4. EFFECTS ON FUTURE OPERATING BUDGETS:

	2020	2021	2022
5. EXPENDITURES			
CONTRACTUAL		50,000	2,000,000
CAPS BASED ON $			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	0	50,000	2,000,000
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer		-50,000	-2,000,000
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	Install a co-generation system at Plant #1 that will burn excess digester gas to generate electricity. The generated electricity can either be used in-Plant to offset hydro costs, or sold back to the grid.		
1. PROJECT NAME & DESCRIPTION Co-Gen System			
	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES			
CONTRACTUAL		1,000,000	
CAPS BASED ON $			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	0	1,000,000	0
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer		-1,000,000	
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	Based on the outcome of the 2020 capacity study, a potential outcome could be to relocate and expand the Forth St Pumping Station to allow the residents on Cedermere, Tay, Bagot and Tremaine Terrace to connect to the Town's Sanitary Sewer Collection System. Cedermere, Tay and south end of Bagot are currently using septic tanks or private sewers.		
1. PROJECT NAME & DESCRIPTION Forth St Pump Station	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES			
CONTRACTUAL		1,000,000	1,000,000
CAPS BASED ON $			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	0	1,000,000	1,000,000
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer		-1,000,000	-1,000,000
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	The current heat exchanger at Plant #1 has been in use since 1988. The C.N. Watson Full Cost Recovery report scheduled its replacement in 2018. The unit is losing its efficiency and now needs to be replaced.		
1. PROJECT NAME & DESCRIPTION Heat Exchanger - Plant #1	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES CONTRACTUAL CAPS BASED ON $ **DIRECT REVENUES** GRANTS & SUBSIDIES OTHER		75,000	
6. NET REQUIREMENTS: **TO BE FINANCED FROM:** DEBENTURES OWNERS RESERVES - Sewer OTHER	0	75,000 -75,000	0
7. ANNUAL TAX REQUIREMENT	0	0	0

TOWN OF COBOURG
CAPITAL BUDGET 2020 - 2022

5 YEAR CAPITAL BUDGET JUSTIFICATION

ACCOUNT #

DIVISION: Public Works	**3. PROJECT DETAIL & JUSTIFICATION:**		
DEPARTMENT: Environmental Services	The King St (Monks Cove) Pump Station currently utilizes two pumps with a capacity of 675 L/min. With the new development along King St W, this station will soon have capacity issues. The pump capacity needs to be increased and a third pump added to ensure that the station can continue to service the connected housing, even if one of the pumps is out of service. A capacity study will need to be performed in 2021 with the upgrade occurring in 2022.		
1. PROJECT NAME & DESCRIPTION King St Pump Station Upgrade	Public Consultation Process **No**		
2. COMMITMENTS MADE:	**4. EFFECTS ON FUTURE OPERATING BUDGETS:**		
	2020	**2021**	**2022**
5. EXPENDITURES			
CONTRACTUAL		10,000	500,000
CAPS BASED ON $			
DIRECT REVENUES			
GRANTS & SUBSIDIES			
OTHER			
6. NET REQUIREMENTS:	0	10,000	500,000
TO BE FINANCED FROM:			
DEBENTURES			
OWNERS			
RESERVES - Sewer		-10,000	-500,000
OTHER			
7. ANNUAL TAX REQUIREMENT	0	0	0