

800 – Cowichan Bay Sewer System

The role of the Cowichan Bay Sewer System function is to operate and maintain a sewer collection system in Area D and services 900 equivalent properties (820 parcels). Revenue for the system is provided by parcel tax, user fees and connection costs.

COWICHAN BAY SEWER (800)	PARCEL TAX REQUISITION	\$ 233,500
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PARTICIPATING AREA	Specified Area of Electoral Area "D"
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STATUTORY LIMITATION	Max Requisition
	Parcel Tax \$ 233,500

BYLAW #	Management Bylaw 4044
MOST RECENT AMENDMENT DATE	Adopted October 12, 2016

TOTAL NUMBER OF PARCELS	820
TOTAL NUMBER OF USERS	810

ANNUAL COST PER PROPERTY	Parcel tax \$ 285
	User fee \$ 260

MONTHLY COST PER PROPERTY	User fee \$ 21.67
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COWICHAN VALLEY REGIONAL DISTRICT

2019-2023 FINANCIAL EXPENDITURE PROGRAM

Service: Cowichan Bay Sewer

Function: 800

TOTAL EXPENDITURE	2018	2019	2020	2021	2022	2023
Operational Costs	\$312,841	\$419,969	\$436,367	\$476,367	\$390,740	\$332,626
Long Term Debt	32,546	32,546	32,546	32,546	44,673	132,787
Short Term Debt						
Capital	100,000	100,000				40,000
Third Party Capital	70,000	120,000	120,000	120,000	1,690,000	30,000
Transfer to Capital Reserve	50,000	20,000				
Transfer to Forcemain Reserve	4,587	4,587	4,587	4,587	4,587	4,587
Transfer to Eagle Heights		200,000				
TOTAL APPLICATION OF FUNDS	\$569,974	\$897,102	\$593,500	\$633,500	\$2,130,000	\$540,000
SOURCES OF FUNDS						
Requisition/Parcel Tax	233,500	233,500	233,500	233,500	240,000	240,000
User Fee	218,500	239,000	260,000	300,000	300,000	300,000
Transfer from Capital Reserve	70,000	370,000	100,000	100,000	200,000	
Other	50,560	54,602				
Debt Proceeds					1,390,000	
Surplus/(Deficit)	-2,586					
TOTAL SOURCE OF FUNDS	\$569,974	\$897,102	\$593,500	\$633,500	\$2,130,000	\$540,000

2019 Debt Long Term with Principal & Interest

Borrowed	Outstanding	Maturity	P & I
Treatment Plant	\$208,445	2023	\$32,546

Total \$32,546

Cowichan Valley Regional District
Budget Report by Cost Center



Account Code : -- - To : -- -

Function Type : Selective

GENERAL SEWER FUND
 800 - COWICHAN BAY SEWER SYSTEM

	2017 ACTUAL	2017 AMEND BUDGET	2018 ACTUAL	2018 2ND AMEND BU	2019 PROVISIONAL		
OPERATING REV							
4411 USER CHARGES							
03-1-4411-0000	USER CHARGES	-232,601	-230,000	-241,128	-233,000	-261,000	
03-1-4411-1000	DISCOUNTS	19,000	15,000	20,075	14,500	22,000	
	Total USER CHARGES	-213,602	-215,000	-221,053	-218,500	-239,000	0 0
4433 RECOVERY OF COSTS							
03-1-4433-0000	RECOVERY OF COSTS	-31,738	0	-7,613	0	0	
	Total RECOVERY OF COSTS	-31,738	0	-7,613	0	0	0 0
4810 CONNECTION CHARGES							
03-1-4810-0000	CONNECTION CHARGES	-10,350	-168,000	-227,800	-20,000	-24,000	
	Total CONNECTION CHARGES	-10,350	-168,000	-227,800	-20,000	-24,000	0 0
4815 EXTENSION CHARGES							
03-1-4815-0000	EXTENSION CHARGES	0	0	-5,600	0	0	
	Total EXTENSION CHARGES	0	0	-5,600	0	0	0 0
4820 CONNECTION CAPITAL							
03-1-4820-0000	CONNECTION CAPITAL	-61,600	0	-50,400	0	-30,000	
	Total CONNECTION CAPITAL	-61,600	0	-50,400	0	-30,000	0 0
7574 REQUISITION - PARCEL TAX							
03-1-7574-0000	REQUISITION - PARCEL TAX	-98,230	-98,230	-233,500	-233,500	-203,500	
	Total REQUISITION - PARCEL TA	-98,230	-98,230	-233,500	-233,500	-203,500	0 0
7575 PARCEL TAX C.V.R.D.							
03-1-7575-0000	PARCEL TAX C.V.R.D.	-589	-522	-602	-560	-602	
	Total PARCEL TAX C.V.R.D.	-589	-522	-602	-560	-602	0 0
9010 TRANSFER FROM CAPITAL RESERVE							
03-1-9010-0000	TSF FROM CAPITAL RESERVE	0	0	0	0	-300,000	
	Total TRANSFER FROM CAPITAL	0	0	0	0	-300,000	0 0
9110 SURPLUS/DEFICIT							
03-1-9110-0000	SURPLUS/DEFICIT	0	0	2,586	2,586	0	
	Total SURPLUS/DEFICIT	0	0	2,586	2,586	0	0 0
	Total OPERATING REV	-416,109	-481,752	-743,982	-469,974	-797,102	

OPERATING EXP



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GENERAL SEWER FUND
 800 - COWICHAN BAY SEWER SYSTEM

	2017 ACTUAL	2017 AMEND BUDGET	2018 ACTUAL	2018 2ND AMEND BU	2019 PROVISIONAL		
4210 OPERATING EXPENDITURES							
03-2-4210-1301	WAGES	94,438	94,438	102,699	102,699	105,899	
03-2-4210-1400	BENEFITS	24,554	24,554	26,702	26,702	29,710	
03-2-4210-2121	POSTAGE	968	1,500	989	1,500	1,500	
03-2-4210-2131	TELEPHONE	842	1,000	728	1,000	1,000	
03-2-4210-2320	LEGAL SERVICES	0	2,500	0	2,500	2,500	
03-2-4210-2370	INSURANCE - PROPERTY	794	800	1,338	800	800	
03-2-4210-2400	ALARM MAINTENANCE	614	1,000	528	1,000	2,000	
03-2-4210-2480	MINOR CAPITAL	0	0	0	0	24,000	
03-2-4210-2561	ALARM MONITORING	1,115	0	353	0	0	
03-2-4210-4100	ALLOC - GENERAL GOVERNME	12,193	12,193	14,447	14,447	15,739	
03-2-4210-4575	ALLOC - ENGINEERING	38,425	38,425	39,367	39,367	43,970	
03-2-4210-4587	ALLOC - ADMINISTRATION	12,781	12,781	14,429	14,429	15,805	
03-2-4210-4588	ALLOC - RETRO ADJUSTMENT	-14,529	-14,530	-14,530	-14,530	-14,530	
03-2-4210-5110	SUNDRY EXPENSES	107	1,600	279	1,600	1,600	
03-2-4210-5310	FUEL & LUBRICANTS	0	500	0	500	500	
03-2-4210-7550	LICENCES & FEES	7,000	150	0	150	150	
03-2-4210-9910	CONTINGENCY	0	2,668	0	177	36,626	
Total OPERATING EXPENDITUR		179,301	179,579	187,329	192,341	267,269	0 0
4215 SERVICE OF SUPPLY-SEWER							
03-2-4215-2325	SURVEY FEES	0	500	0	500	500	
03-2-4215-2330	CONSULTANTS	0	5,000	0	5,000	5,000	
03-2-4215-2338	CONTRACT FOR SERVICES	0	2,000	0	2,000	2,000	
Total SERVICE OF SUPPLY-SEW		0	7,500	0	7,500	7,500	0 0
4220 SEWAGE COLLECTION SYSTEMS							
03-2-4220-2338	CONTRACT FOR SERVICES	0	2,000	0	2,000	2,000	
03-2-4220-2564	CONTRACT-HYDRO/CAMERA S	0	10,390	0	5,000	5,000	
03-2-4220-2620	RENTALS/MACHINERY & EQUIP	4,153	4,500	5,067	7,000	7,000	
03-2-4220-5923	SUPPLIES	4,383	10,000	5,421	7,000	7,000	
Total SEWAGE COLLECTION SY		8,536	26,890	10,488	21,000	21,000	0 0
4240 SEWAGE TREATMENT & PUMPING							
03-2-4240-2445	SLUDGE DISPOSAL	0	0	1,323	0	0	
03-2-4240-2450	R & M - MACHINERY & EQUIPM	1,137	5,000	3,085	5,000	5,000	
03-2-4240-2620	RENTALS/MACHINERY & EQUIP	4,021	5,000	2,989	5,000	5,000	
03-2-4240-5510	WATER	512	500	528	500	500	
03-2-4240-5525	LAGOON-USER FEE	69,958	67,000	92,330	67,000	100,000	
03-2-4240-5530	ELECTRICITY	6,642	4,650	6,058	6,000	7,000	
03-2-4240-5533	GAS	339	500	330	500	500	



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		GENERAL SEWER FUND							
		800 - COWICHAN BAY SEWER SYSTEM							
		2017	2017	2018	2018	2019			
		ACTUAL	AMEND BUDGET	ACTUAL	2ND AMEND BU	PROVISIONAL			
03-2-4240-5638	CONTRACT ELECTRICAL REPA	6,083	8,000	128	2,000	200			
03-2-4240-5923	SUPPLIES	5,261	6,000	3,166	6,000	6,000			
	Total SEWAGE TREATMENT & P	93,954	96,650	109,937	92,000	124,200	0	0	
8123 INTEREST / MFA OWN DEBENTURES									
03-2-8123-8232	INTEREST (CVRD)	14,400	14,400	15,058	14,400	14,400			
	Total INTEREST / MFA OWN DEE	14,400	14,400	15,058	14,400	14,400	0	0	
8133 PRINCIPAL/ MFA OWN DEBENTURES									
03-2-8133-8332	PRINCIPAL (CVRD)	18,146	18,146	18,146	18,146	18,146			
	Total PRINCIPAL/ MFA OWN DEE	18,146	18,146	18,146	18,146	18,146	0	0	
8222 CONTRIBUTION TO THIRD PARTY CAPITAL									
03-2-8222-0000	CONTRIBUTION TO THIRD PAR	66,153	70,000	5,578	70,000	120,000			
	Total CONTRIBUTION TO THIRD	66,153	70,000	5,578	70,000	120,000	0	0	
8226 TRANSFER TO FORCEMAIN RESERVE FUND									
03-2-8226-0000	TRANSFER TO FORCEMAIN RE	4,587	4,587	0	4,587	4,587			
	Total TRANSFER TO FORCEMAI	4,587	4,587	0	4,587	4,587	0	0	
8241 TRANSFER TO CAPITAL RESERVE									
03-2-8241-0000	TSF TO CAPITAL RESERVE	111,600	50,000	128,800	50,000	20,000			
	Total TRANSFER TO CAPITAL RI	111,600	50,000	128,800	50,000	20,000	0	0	
8250 TRANSFER TO EAGLE HEIGHTS									
03-2-8250-0000	TRANSFER TO EAGLE HEIGHT	14,000	14,000	0	0	200,000			
	Total TRANSFER TO EAGLE HEI	14,000	14,000	0	0	200,000	0	0	
	Total OPERATING EXP	510,677	481,752	475,337	469,974	797,102			
CAPITAL REV									
4810 CONNECTION CHARGES									
03-7-4810-0000	CONNECTION CHARGES	0	0	0	-30,000	0			
	Total CONNECTION CHARGES	0	0	0	-30,000	0	0	0	
7574 REQUISITION PARCEL TAX									
03-7-7574-0000	REQUISITION PARCEL TAX	-130,000	-130,000	0	0	-30,000			
	Total REQUISITION PARCEL TAX	-130,000	-130,000	0	0	-30,000	0	0	
9010 TRANSFER FROM CAPITAL RESERVE									
03-7-9010-0000	TSF FROM CAPITAL RESERVE	0	-70,000	0	-70,000	-70,000			



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		GENERAL SEWER FUND						
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		2017	2017	2018	2018	2019		
		ACTUAL	AMEND BUDGET	ACTUAL	2ND AMEND BU	PROVISIONAL		
Total TRANSFER FROM CAPITAL		0	-70,000	0	-70,000	-70,000	0	0
Total CAPITAL REV		-130,000	-200,000	0	-100,000	-100,000		
<u>CAPITAL EXP</u>								
8221 TRANSFER/GENERAL CAPITAL FUND								
03-8-8221-6111	ENGINEERING STRUCTURES	38,018	200,000	43,956	100,000	100,000		
Total TRANSFER/GENERAL CAP		38,018	200,000	43,956	100,000	100,000	0	0
Total CAPITAL EXP		38,018	200,000	43,956	100,000	100,000		
Surplus/Deficit		2,586	0	-224,689	0	0		

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	2017 ACTUAL	2017 AMEND BUDGET	2018 ACTUAL	2018 2ND AMEND BU	2019 PROVISIONAL
Summary Total Revenues	-416,109	-481,752	-743,982	-469,974	-797,102
Summary Total Expenses	510,677	481,752	475,337	469,974	797,102
Summary Surplus/Deficit	2,586	0	-224,689	0	0
