

DISTRICT OF SQUAMISH
2017-2021 DRAFT FINANCIAL PLAN
CAPITAL PLAN - UTILITIES

Projects carrying forward from 2016							Summary Of Funding Over The Five Year Plan										And Provisions		Key 2017/2018 Funding Sources				
Ref	Project	Total Cost	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	Accum Surplus or Provision	Short Term Borrowing	Approved Borrowing	New Borrowing	Reserve	Grants & Other (Dev Front End)	DCC	Fund From Revenue	2017 Surplus Draw	2018 Surplus Draw	New Borrowing 2017	New Borrowing 2018	2017 Fund From Operating	2018 Fund From Operating	Source	
Solid Waste Utility																							
1	Landfill Vertical Expansion	6,257,048	2,453,250	2,108,130	1,486,689			-	-	-	6,048,069	-	-	-	-				2,453,250	2,108,130			
Total Solid Waste Utility		\$ 6,257,048	\$ 2,453,250	\$ 2,108,130	\$ 1,486,689	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,048,069	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,453,250	\$ 2,108,130	\$ -	\$ -	
Water Utility																							
2	Water Meter Installations (CFWD)	1,710,524	1,710,524					-	-	500,000	646,686	-	563,838	-	-				646,686				Council
3	Annual Watermain Replacement (Annual-CFWD)	6,686,805	1,094,422	1,100,000	1,100,000	1,100,000	1,100,000	-	-	-	2,000,000	-	729,615	-	2,764,807				-	500,000	364,807	600,000	AMP, WMP
4	DCC W6- Government Road- Watermain - Mamquam to Amblepath Entrance	556,000	556,000					-	-	-	-	-	316,896	108,888	130,216						130,216	100,000	DCC, WMP
01	Powerhouse Springs - Well 3 Replacement	100,000	100,000					-	-	-	-	-	-	-	100,000						100,000		Council
5	Annual PRV Replacement (Annual-CFWD)	545,000	175,000				110,000	-	-	-	-	-	-	-	285,000						175,000	-	AMP, WMP
6	Fleet Replacement- F550 (V9420)	150,000	150,000					-	-	-	-	76,905	-	-	73,095						73,095		Replacement
7	Well Protection Plan (CFWD)	150,000	136,286					87,165	-	-	-	-	-	-	49,121	87,165					49,121		Well Protection
	Water Connections	384,550	76,910	76,910	76,910	76,910	76,910	-	-	-	-	-	384,550	-	-								
8	New Fire Hydrant Installation - Annual	150,000	30,000	30,000	30,000	30,000	30,000	-	-	-	-	-	-	-	150,000						30,000	30,000	Risk
9	Water Distribution Flow Meters (CFWD)	38,355	25,000					25,000	-	-	-	-	-	-	-	25,000							WMLP
10	Water Distribution System Turbidity & Chlorine Analyzer Replacement & New Installations	20,000	20,000					-	-	-	-	-	-	-	20,000						20,000		Replacement
11	Water Quality Sampling Stations	20,000	20,000					-	-	-	-	-	-	-	20,000						20,000		Regulatory
12	Water Meter Reading Hardware Replacement	16,000	16,000					-	-	-	-	-	-	-	16,000						16,000		Replacement
13	Temporary Storage Containers (CFWD)	33,000	6,600					-	-	-	-	-	-	-	6,600						6,600		
14	Surface Water System	100,000		100,000				-	-	-	-	-	-	-	100,000							100,000	Regulatory
	Fleet Replacement- Super Cab 4x4 (V9423)	37,000			37,000			-	-	-	-	30,171	-	-	6,829								
	Fleet Replacement - F550, Service Body (V9431)	110,000				110,000		-	-	-	-	79,754	-	-	30,246								
Total Water Utility		\$ 10,807,234	\$ 4,116,742	\$ 1,306,910	\$ 1,243,910	\$ 1,206,910	\$ 1,426,910	\$ 112,165	\$ -	\$ 500,000	\$ 2,646,686	\$ 186,830	\$ 1,994,899	\$ 108,888	\$ 3,751,914	\$ 112,165	\$ -	\$ 646,686	\$ 500,000	\$ 984,839	\$ 730,000		
Sewer Utility																							
15	Annual Sewer Replacement and Rehabilitation (Mains)	6,019,352	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000	500,000	-	-	-	-	-	-	5,000,000	500,000					1,000,000	1,000,000	AMP
16	Lift Station Reconstruction	1,050,000	950,000					115,000	-	-	-	-	-	-	835,000	115,000					835,000		AMP
17	WWTP Upgrade Bar Screens	625,000	600,000					275,000	-	-	-	-	-	-	325,000	275,000					325,000		LWMP
18	M1 Lift Station Upgrade	280,000	270,000					270,000	-	-	-	-	-	-	270,000								DCC
19	DCC S8 S10 Chiefview and Tantalus Road Sewer Upgrade	1,474,690	200,000	1,250,000				14,500	-	-	-	-	-	1,435,500	-	2,000	12,500						DCC
20	WWTP Electrical SCADA Upgrades (CFWD)	300,000	200,000					200,000	-	-	-	-	-	-	200,000								Risk
21	DCC S2 WWTP Older Bioreactor Upgrade	1,100,000	165,000	935,000				-	-	-	-	-	696,960	403,040							60,456	342,584	DCC, LWMP
22	WWTP Odour Monitoring System	115,000	115,000					115,000	-	-	-	-	-	-	115,000								LWMP
	Sewer Connections	204,595	40,919	40,919	40,919	40,919	40,919	-	-	-	-	-	204,595	-	-								
23	Back up RAS SM11 Pump	25,000	25,000					-	-	-	-	-	-	-	25,000						25,000		Replacement
24	WWTP Exterior Lights	25,000	25,000					-	-	-	-	-	-	-	25,000						25,000		Safety
25	WWTP Female Locker Room	20,000	20,000					-	-	-	-	-	-	-	20,000						20,000		
26	Sewer Camera	15,000	15,000					-	-	-	-	-	-	-	15,000						15,000		Replacement
27	Sewer Main Right of Way	20,000	20,000					20,000	-	-	-	-	-	-	-	20,000							
28	DCC S3 and S7 Government and Judd Sewer Upgrades	1,291,500		100,000	1,191,500			-	-	-	-	-	-	430,665	860,835							66,654	DCC
29	DCC S4 and S9 Cheakamus and Tantalus Sewer Upgrade	448,000		50,000	398,000			-	-	-	-	-	-	227,304	220,696							24,631	DCC
	DCC S2 Anaerobic Digester	2,500,000			375,000	2,125,000		-	-	-	-	-	-	1,584,000	916,000								
	DCC S2 WWTP Convert New Bioreactor to MBBR	2,000,000			300,000	1,700,000		-	-	-	-	-	-	1,267,200	732,800								
	WWTP Office Roof and Door Upgrades	80,000			80,000			-	-	-	-	-	-	-	80,000								
Total Sewer Utility		\$ 17,593,137	\$ 4,145,919	\$ 3,375,919	\$ 3,005,419	\$ 3,545,919	\$ 2,740,919	\$ 1,509,500	\$ -	\$ -	\$ -	\$ -	\$ 204,595	\$ 5,641,629	\$ 9,458,371	\$ 1,497,000	\$ 12,500	\$ -	\$ -	\$ 2,305,456	\$ 1,433,869		
TOTAL ALL DISTRICT FUNDS - Utilities		\$ 34,657,419	\$ 10,715,911	\$ 6,790,959	\$ 5,736,018	\$ 4,752,829	\$ 4,167,829	\$ 1,621,665	\$ -	\$ 500,000	\$ 8,694,755	\$ 186,830	\$ 2,199,494	\$ 5,750,517	\$ 13,210,285	\$ 1,609,165	\$ 12,500	\$ 3,099,936	\$ 2,608,130	\$ 3,290,295	\$ 2,163,869		
NEWPORT BEACH																							
		Total Cost	2017 Budget	2018 Budget	2019 Budget	2020 Budget	2021 Budget	Accum Surplus or Provision	Short Term Borrowing	Approved Borrowing	New Borrowing	Reserve	Grants & Other	Developer Contribution	Fund From Revenue	2017 Surplus Draw	2018 Surplus Draw	New Borrowing 2017	New Borrowing 2018	2017 Fund From Operating	From Operating		
Water																							
30	SODC- DCC- W19 Peninsula Road B Watermain	427,819	427,819					-	-	-	-	-	-	423,541	4,278						4,278		
32	SODC- DCC- W16 peninsula Watermain Connection- Galbraith Avenue (CF)	154,000	152,057					-	-	-	-	-	-	150,536	1,521						1,521		
33	SODC- DCC- W2 Logger's Lane Feedermain Watermain	1,890,000	-	1,890,000				-	-	-	-	-	-	1,871,100	18,900							18,900	
	SODC- DCC- W11b- New Blind Channel PRV	150,000	-	-	150,000			-	-	-	-	-	-	148,500	1,500								
	SODC- DCC- W11a- Decommission Logger's Lane/High Shool PRV's	86,000	-	-	86,000			-	-	-	-	-	-	85,140	860								
	SODC- DCC- W15- New Reservoir	3,069,000			3,069,000			-	-	-	-	-	-	3,038,310	30,690								
		5,776,819	579,876	1,890,000	3,305,000	-	-	-	-	-	-	-	-	5,717,127	57,749	-	-	-	-	-	-	5,799	18,900
Sewer																							
34	SODC DCC S22 Vancouver Street Collector	1,980,733	1,980,733					-	-	-	-	-	-	1,960,926	19,807						19,807	-	
		1,980,733	1,980,733	-	-	-	-	-	-	-	-	-	-	1,960,926	19,807	-	-	-	-	-	-	19,807	-
Total		\$ 7,757,552	\$ 2,560,609	\$ 1,890,000	\$ 3,305,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,678,053	\$ 77,556	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,606	\$ 18,900