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Financial Summary Appendix

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Sammamish Plateau Water
Water & Sewer Rate Model
Summary of Fund Activity

Operating Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Beginning Balance	\$ 13,636,078	\$ 14,394,659	\$ 10,590,559	\$ 9,708,007	\$ 9,389,148	\$ 9,363,942	\$ 8,949,087	\$ 8,113,356	\$ 7,976,203	\$ 8,406,233
Plus: Rate Revenue After Adjustments (Excluding Taxes)	15,548,340	15,445,073	16,232,529	17,060,134	17,876,847	18,733,658	19,629,440	20,569,154	21,553,854	22,585,696
Plus: Other Revenue	1,235,760	1,152,710	1,129,646	1,139,915	1,157,305	1,179,320	1,197,466	1,211,401	1,235,171	1,267,185
Less: Operating Expenses	(4,549,830)	(4,973,570)	(5,187,578)	(5,624,897)	(5,986,759)	(6,370,791)	(6,757,332)	(7,146,832)	(7,555,915)	(7,999,049)
Appropriations from (to) Other Funds:										
General Management Fund	(3,252,397)	(3,769,235)	(3,923,692)	(4,045,612)	(4,187,951)	(4,345,928)	(4,554,177)	(4,727,520)	(4,983,764)	(5,144,717)
Engineering Fund	(872,425)	(405,857)	(425,649)	(446,415)	(468,203)	(491,066)	(515,055)	(540,226)	(566,639)	(599,853)
Debt Service Fund	(1,178,990)	(579,100)	(236,107)	(474,686)	(473,938)	(471,381)	(470,925)	(369,003)	(225,886)	(1,921)
Overdale Debt Service Fund	34,160	34,160	34,160	34,160	34,160	34,160	34,160	34,160	34,160	34,160
Capital Replacement Fund	(5,600,910)	(5,925,500)	(7,069,000)	(7,302,000)	(7,543,000)	(7,792,000)	(8,049,000)	(8,315,000)	(8,589,000)	(8,872,000)
CP Fund	(1,105,127)	(4,782,782)	(1,436,862)	(659,459)	(433,667)	(889,828)	(1,350,308)	(853,288)	(471,951)	(855,057)
Bond Proceeds Account										
Ending Balance	\$ 14,394,659	\$ 10,590,559	\$ 9,708,007	\$ 9,389,148	\$ 9,363,942	\$ 8,949,087	\$ 8,113,356	\$ 7,976,203	\$ 8,406,233	\$ 9,241,144
Minimum Balance	\$ 2,187,432	\$ 2,423,216	\$ 2,525,158	\$ 2,670,486	\$ 2,800,821	\$ 2,941,945	\$ 3,096,384	\$ 3,243,259	\$ 3,415,736	\$ 3,574,812
Minimum Target: Days of Operating Expenses	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days
Sewer:										
Beginning Balance	\$ 8,559,501	\$ 10,039,577	\$ 10,223,320	\$ 10,050,819	\$ 9,748,425	\$ 9,859,044	\$ 9,682,071	\$ 9,990,620	\$ 10,391,629	\$ 10,750,415
Plus: Rate Revenue After Adjustments (Excluding Taxes)	6,650,342	6,986,927	7,358,247	7,749,302	8,081,147	8,427,202	8,788,077	9,164,406	9,556,850	9,966,100
Plus: Other Revenue	9,486,850	9,855,230	10,028,670	10,633,608	10,746,262	11,087,560	11,437,823	11,879,572	12,340,156	12,818,610
Less: Operating Expenses	(9,596,460)	(10,167,550)	(10,795,338)	(11,439,920)	(11,640,214)	(12,021,804)	(12,465,312)	(12,949,578)	(13,503,992)	(14,029,536)
Appropriations from (to) Other Funds:										
General Management Fund	(1,980,268)	(2,255,235)	(2,367,459)	(2,431,843)	(2,523,306)	(2,609,691)	(2,743,086)	(2,838,156)	(3,001,990)	(3,087,906)
Engineering Fund	(372,425)	(402,863)	(422,492)	(443,088)	(464,697)	(487,371)	(511,161)	(536,123)	(562,316)	(589,800)
Debt Service Fund	-	-	(427)	(51,488)	(51,611)	(51,178)	(51,337)	(38,851)	(38,818)	-
Overdale Debt Service Fund	-	-	-	-	-	-	-	-	-	-
Capital Replacement Fund	(2,303,000)	(3,010,100)	(3,553,000)	(3,670,000)	(3,791,000)	(3,916,000)	(4,045,000)	(4,178,000)	(4,316,000)	(4,458,000)
CP Fund	(404,963)	(822,667)	(420,702)	(648,965)	(245,961)	(605,691)	(101,457)	(102,260)	(115,104)	(119,988)
Bond Proceeds Account										
Ending Balance	\$ 10,039,577	\$ 10,223,320	\$ 10,050,819	\$ 9,748,425	\$ 9,859,044	\$ 9,682,071	\$ 9,990,620	\$ 10,391,629	\$ 10,750,415	\$ 11,249,894
Minimum Balance	\$ 2,997,975	\$ 3,213,452	\$ 3,404,095	\$ 3,585,078	\$ 3,661,049	\$ 3,782,634	\$ 3,931,365	\$ 4,080,996	\$ 4,265,193	\$ 4,423,889
Minimum Target: Days of Operating Expenses	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days	90 Days
Engineering Fund										
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Developer Fee Income	167,100	180,710	189,746	199,233	209,194	219,654	230,637	242,169	254,277	266,991
Plus: Appropriations from Operating Fund	372,425	405,857	425,649	446,415	468,203	491,066	515,055	540,226	566,639	599,853
Plus: Appropriations from CP Fund	56,556	60,130	63,062	66,139	69,367	72,754	76,308	80,038	83,951	88,057
Plus: Appropriations from Capital Replacement Fund	3,172	5,870	6,156	6,457	6,772	7,102	7,449	7,813	8,195	8,596
Plus: Appropriations from General Facilities Charge Fund	36,210	44,128	46,280	48,538	50,907	53,393	56,001	58,738	61,610	64,623
Plus: Appropriations from Local Facilities Charge Fund	1,572	3,755	3,938	4,130	4,331	4,543	4,765	4,998	5,242	-
Less: Water Share of Engineering Expenses	(637,035)	(700,450)	(734,831)	(770,911)	(808,775)	(848,512)	(890,215)	(933,982)	(979,915)	(1,028,121)
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer:										
Beginning Balance	\$ 164,660	\$ 180,710	\$ 189,746	\$ 199,233	\$ 209,194	\$ 219,654	\$ 230,637	\$ 242,169	\$ 254,277	\$ 266,991
Plus: Appropriations from Operating Fund	372,425	405,857	425,649	446,415	468,203	491,066	515,055	540,226	566,639	599,853
Plus: Appropriations from CP Fund	10,388	12,970	13,602	14,265	14,961	15,691	16,457	17,260	18,104	18,988
Plus: Appropriations from Capital Replacement Fund	1,327	-	-	-	-	-	-	-	-	-
Plus: Appropriations from General Facilities Charge Fund	1,916	17,776	18,642	19,551	20,504	21,505	22,555	23,656	24,812	26,024
Plus: Appropriations from Local Facilities Charge Fund	25,719	22,831	23,944	25,111	26,336	27,621	28,969	30,384	31,868	33,426
Less: Sewer Share of Engineering Expenses	(576,435)	(637,150)	(668,426)	(701,247)	(735,692)	(771,841)	(809,778)	(849,592)	(891,377)	(935,230)
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Sammamish Plateau Water
Water & Sewer Rate Model
Summary of Fund Activity

CP Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Interest Earnings	-	-	-	-	-	-	-	-	-	-
Plus: NE Sammamish / Sp Water Joint Fund Transfer	-	-	-	-	-	-	-	-	-	-
Plus: Appropriation from Operating Fund	1,105,127	4,782,782	1,436,862	659,459	433,667	889,828	1,350,308	853,288	471,951	355,057
Less: Appropriation to Engineering Fund	(56,556)	(60,130)	(63,062)	(66,139)	(69,367)	(72,754)	(76,308)	(80,038)	(83,951)	(88,057)
Less: Capital Project Expenditures	(1,048,571)	(4,722,652)	(1,373,800)	(593,320)	(364,300)	(817,074)	(1,274,000)	(773,250)	(388,000)	(267,000)
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer:										
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Interest Earnings	-	-	-	-	-	-	-	-	-	-
Plus: Appropriation from Operating Fund	404,963	822,667	420,702	648,965	245,961	605,691	101,457	102,260	115,104	119,988
Less: Appropriation to Engineering Fund	(10,388)	(12,970)	(13,602)	(14,265)	(14,961)	(15,691)	(16,457)	(17,260)	(18,104)	(18,988)
Less: Capital Project Expenditures	(394,575)	(809,697)	(407,100)	(634,700)	(231,000)	(590,000)	(85,000)	(85,000)	(97,000)	(101,000)
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Replacement Fund										
Beginning Balance	\$ 20,153,903	\$ 26,032,871	\$ 31,895,374	\$ 39,356,910	\$ 46,759,415	\$ 54,880,136	\$ 63,351,035	\$ 72,184,474	\$ 81,393,966	\$ 90,992,195
Plus: Interest Earnings	340,180	430,150	398,692	491,961	584,493	686,002	791,888	902,306	1,017,425	1,137,402
Plus: Appropriations from Operating Fund	5,600,910	5,925,500	7,069,000	7,302,700	7,543,000	7,792,000	8,049,000	8,315,000	8,589,000	8,872,000
Plus: Appropriations from Local Facilities Charge Fund	-	-	-	-	-	-	-	-	-	-
Plus: Appropriations from Debt Service Fund	(58,950)	(487,277)	-	(385,000)	-	-	-	-	-	-
Less: Capital Project Expenditures	(3,172)	(5,870)	(6,156)	(6,457)	(6,772)	(7,102)	(7,449)	(7,813)	(8,195)	(8,596)
Less: Appropriation to Engineering Fund	26,032,871	31,895,374	39,356,910	46,759,415	54,880,136	63,351,035	72,184,474	81,393,966	90,992,195	100,993,002
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Minimum Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer:										
Beginning Balance	\$ 8,732,198	\$ 11,132,851	\$ 14,331,181	\$ 18,063,321	\$ 21,959,112	\$ 26,024,601	\$ 30,265,909	\$ 34,689,233	\$ 39,300,848	\$ 44,108,109
Plus: Interest Earnings	149,380	188,230	179,140	225,792	274,489	325,308	378,324	433,615	491,261	551,351
Plus: Appropriations from Operating Fund	2,303,000	3,010,100	3,553,000	3,670,000	3,791,000	3,915,000	4,045,000	4,178,000	4,316,000	4,458,000
Plus: Appropriations from Local Facilities Charge Fund	-	-	-	-	-	-	-	-	-	-
Plus: Appropriations from Debt Service Fund	(50,400)	-	-	-	-	-	-	-	-	988
Less: Capital Project Expenditures	(1,327)	-	-	-	-	-	-	-	-	-
Less: Appropriation to Engineering Fund	11,132,851	14,331,181	18,063,321	21,959,112	26,024,601	30,265,909	34,689,233	39,300,848	44,108,109	49,118,448
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Minimum Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Sammamish Plateau Water
Water & Sewer Rate Model
Summary of Fund Activity

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
General Facilities Charge Fund										
Water:										
Beginning Balance	\$ 7,585,138	\$ 6,748,487	\$ 4,122,692	\$ 5,100,708	\$ 5,557,354	\$ 6,710,416	\$ 2,084,530	\$ 2,381,219	\$ 3,159,652	\$ 4,267,823
Plus: Interest Earnings	116,970	70,790	51,534	63,759	69,467	83,880	26,057	29,765	39,496	53,348
Plus: GFC Revenues	588,050	175,000	1,376,757	1,394,655	1,086,758	1,097,625	1,108,602	1,119,688	1,130,885	1,142,193
Plus: Appropriation from (to) Local Facilities Charge Fund	109,080	109,080	109,080	109,080	109,080	109,080	109,080	109,080	109,080	109,080
Less: Appropriation from Overdale Debt Service Fund	(926,000)	(327,130)	(60,314)	(60,809)	(61,336)	(60,499)	(60,938)	(60,662)	(48,140)	(48,328)
Less: Appropriation to Debt Service Fund	(688,541)	(2,609,406)	(452,760)	(1,001,500)	-	(5,802,580)	(830,110)	(360,700)	(61,540)	(1,947,040)
Less: Use of GFCs for Capital Projects	(36,210)	(44,128)	(46,280)	(48,538)	(50,907)	(53,393)	(56,001)	(58,738)	(61,610)	(64,623)
Less: Appropriation to Engineering Fund	6,748,487	4,122,692	5,100,708	5,557,354	6,710,416	2,084,530	2,381,219	3,159,652	4,267,823	5,512,453
Ending Balance	\$ 3,822,407	\$ 3,884,570	\$ 2,936,254	\$ 3,907,249	\$ 4,638,270	\$ 5,151,023	\$ 4,799,888	\$ 5,323,476	\$ 5,870,369	\$ 6,428,402
Minimum Balance	60,570	46,890	36,703	48,841	57,978	64,388	59,999	66,543	73,380	80,355
Plus: GFC Revenues	567,290	175,000	1,012,861	1,033,119	526,890	532,159	537,481	542,856	548,284	553,767
Plus: Appropriation from (to) Local Facilities Charge Fund	-	-	-	-	-	-	-	-	-	-
Less: Appropriation from Overdale Debt Service Fund	(491,000)	(42,930)	(427)	(51,488)	(51,611)	(51,178)	(51,337)	(38,851)	(38,818)	-
Less: Appropriation to Debt Service Fund	(72,781)	(1,109,500)	(59,500)	(279,900)	-	(875,000)	-	-	-	-
Less: Use of GFCs for Capital Projects	(1,916)	(17,776)	(18,642)	(19,551)	(20,504)	(21,505)	(22,555)	(23,656)	(24,812)	(26,024)
Less: Appropriation to Engineering Fund	3,884,570	2,936,254	3,907,249	4,638,270	5,151,023	4,799,888	5,323,476	5,870,369	6,428,402	7,036,500
Ending Balance	\$ 2,438,486	\$ 2,713,435	\$ 2,373,250	\$ 1,874,738	\$ 1,974,042	\$ 2,074,386	\$ 1,948,353	\$ 983,052	\$ 562,793	\$ 344,126
Minimum Balance	38,230	37,050	29,666	23,434	24,676	25,930	24,354	12,288	7,035	4,302
Plus: LFC Revenues	269,560	202,170	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000
Less: Appropriation to Debt Service Fund	(31,270)	(575,650)	(604,240)	-	-	(227,420)	(1,064,890)	(507,550)	(300,460)	(428,427)
Less: Use of LFCs for Capital Projects	(1,572)	(3,755)	(3,938)	(4,130)	(4,331)	(4,543)	(4,765)	(4,998)	(5,242)	-
Less: Appropriation to Engineering Fund	-	-	-	-	-	-	-	-	-	-
Less: Use for Capital Reinvestment Funding	-	-	-	-	-	-	-	-	-	-
Appropriation from (to) General Facilities Charge Fund	2,713,435	2,373,250	1,874,738	1,974,042	2,074,386	1,948,353	983,052	562,793	344,126	-
Ending Balance	\$ 4,571,097	\$ 4,069,630	\$ 3,076,822	\$ 3,291,338	\$ 3,507,369	\$ 3,724,875	\$ 4,164,144	\$ 4,385,812	\$ 4,608,767	\$ 4,832,951
Minimum Balance	74,540	50,080	38,460	41,142	43,842	46,561	49,298	52,052	54,823	57,610
Plus: LFC Revenues	426,630	404,980	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Less: Appropriation to Debt Service Fund	(976,917)	(1,425,038)	-	-	-	-	-	-	-	-
Less: Use of LFCs for Capital Projects	(25,719)	(22,831)	(23,944)	(25,111)	(26,336)	(27,621)	(28,969)	(30,384)	(31,868)	(33,426)
Less: Appropriation to Engineering Fund	-	-	-	-	-	-	-	-	-	-
Less: Use for Capital Reinvestment Funding	-	-	-	-	-	-	-	-	-	-
Appropriation from (to) General Facilities Charge Fund	4,069,630	3,076,822	3,291,338	3,507,369	3,724,875	3,943,815	4,164,144	4,385,812	4,608,767	4,832,951
Ending Balance	\$ 4,069,630	\$ 3,076,822	\$ 3,291,338	\$ 3,507,369	\$ 3,724,875	\$ 3,943,815	\$ 4,164,144	\$ 4,385,812	\$ 4,608,767	\$ 4,832,951
Minimum Balance	-	-	-	-	-	-	-	-	-	-

Sammamish Plateau Water
Water & Sewer Rate Model
Summary of Fund Activity

Bond Proceeds Account	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Interest Earnings	-	-	-	-	-	-	-	-	-	-
Plus: Existing Debt Proceeds	-	-	-	-	-	-	-	-	-	-
Plus: Net Proceeds from New Public Works Trust Fund Loans	-	-	-	-	-	-	-	-	-	-
Plus: Net Proceeds from New Revenue Bonds	-	-	-	-	-	-	-	-	-	-
Plus: Appropriation from Operating Fund	-	-	-	-	-	-	-	-	-	79,533
Less: Use of Debt Proceeds for Capital Projects	-	-	-	-	-	-	-	-	-	(79,533)
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer:										
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Interest Earnings	-	-	-	-	-	-	-	-	-	-
Plus: Existing Debt Proceeds	-	-	-	-	-	-	-	-	-	-
Plus: Net Proceeds from New Public Works Trust Fund Loans	-	-	-	-	-	-	-	-	-	-
Plus: Net Proceeds from New Revenue Bonds	-	-	-	-	-	-	-	-	-	-
Plus: Appropriation from Operating Fund	-	-	-	-	-	-	-	-	-	-
Less: Use of Debt Proceeds for Capital Projects	-	-	-	-	-	-	-	-	-	-
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Debt Service Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Beginning Balance	\$ 1,855,030	\$ 1,797,056	\$ 537,011	\$ 299,830	\$ 299,830	\$ 297,536	\$ 297,536	\$ 295,945	\$ 224,849	\$ 224,849
Plus: Interest Earnings	-	-	6,713	3,748	3,748	3,719	3,719	3,699	2,811	2,811
Plus: Assessment Income	134,130	130,320	130,320	130,320	130,320	130,320	130,320	130,320	130,320	130,320
Plus: Additions to Bond Reserve	-	-	-	-	-	-	-	-	-	-
Plus: Appropriation from Operating Fund	1,178,990	579,100	236,107	474,686	473,938	471,381	470,925	369,003	225,886	1,921
Plus: Appropriation from General Facilities Charge Fund	926,000	327,130	60,314	60,809	61,336	60,499	60,938	60,662	48,140	48,328
Plus: Appropriation from Local Facilities Charge Fund	(183,380)	(183,380)	(183,380)	(183,380)	(183,380)	(183,380)	(183,380)	(183,380)	(183,380)	(183,380)
Less: Appropriation to Overdale Debt Service Fund	-	-	-	-	-	-	-	-	-	-
Less: Appropriation to Capital Replacement Fund	-	-	-	-	-	-	-	-	-	-
Less: Debt Service Principal	(1,723,813)	(1,744,654)	(233,100)	(240,500)	(251,600)	(255,300)	(266,400)	(273,800)	(210,900)	(218,300)
Less: Debt Service Interest	(148,435)	(128,505)	(63,881)	(56,333)	(48,230)	(39,738)	(31,136)	(22,145)	(12,876)	(6,549)
Less: Public Works Trust Fund Loan	(241,465)	(240,057)	(190,275)	(189,350)	(188,426)	(187,501)	(186,577)	(155,455)	-	-
Ending Balance	\$ 1,797,056	\$ 537,011	\$ 299,830	\$ 299,830	\$ 297,536	\$ 297,536	\$ 295,945	\$ 224,849	\$ 224,849	\$ -
Sewer:										
Beginning Balance	\$ 1,993,620	\$ 1,334,064	\$ 206,257	\$ 105,346	\$ 105,346	\$ 104,540	\$ 104,540	\$ 103,981	\$ 79,001	\$ 79,001
Plus: Interest Earnings	-	-	2,578	1,317	1,317	1,307	1,307	1,300	988	988
Plus: Assessment Income	106,420	88,880	-	-	-	-	-	-	-	-
Plus: Additions to Bond Reserve	-	-	-	-	-	-	-	-	-	-
Plus: Appropriation from Operating Fund	491,000	42,930	427	51,488	51,611	51,178	51,337	38,851	38,818	-
Plus: Appropriation from General Facilities Charge Fund	-	-	-	-	-	-	-	-	-	-
Plus: Appropriation from Local Facilities Charge Fund	-	-	-	-	-	-	-	-	-	-
Less: Appropriation to Overdale Debt Service Fund	-	-	-	-	-	-	-	-	-	-
Less: Appropriation to Capital Replacement Fund	-	-	-	-	-	-	-	-	-	-
Less: Debt Service Principal	(1,171,187)	(1,185,346)	(81,900)	(84,500)	(88,400)	(89,700)	(93,600)	(96,200)	(74,100)	(76,700)
Less: Debt Service Interest	(85,790)	(74,270)	(22,445)	(19,793)	(16,946)	(13,962)	(10,940)	(7,781)	(4,524)	(2,301)
Less: Public Works Trust Fund Loan	-	-	-	-	-	-	-	-	-	-
Ending Balance	\$ 1,334,064	\$ 206,257	\$ 105,346	\$ 105,346	\$ 104,540	\$ 104,540	\$ 103,981	\$ 79,001	\$ 79,001	\$ -
Combined Ending Balance	\$ 3,131,120	\$ 743,268	\$ 405,175	\$ 405,175	\$ 402,075	\$ 402,075	\$ 399,925	\$ 303,850	\$ 303,850	\$ -
Minimum Balance	-	-	-	-	-	-	-	-	-	-
Water	\$ 1,873,158	\$ 299,830	\$ 299,830	\$ 299,830	\$ 297,536	\$ 297,536	\$ 295,945	\$ 224,849	\$ 224,849	\$ -
Sewer	1,259,617	105,346	105,346	105,346	104,540	104,540	103,981	79,001	79,001	-
Total	\$ 3,132,775	\$ 405,175	\$ 405,175	\$ 405,175	\$ 402,075	\$ 402,075	\$ 399,925	\$ 303,850	\$ 303,850	\$ -

Overdale Debt Service Fund	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Beginning Balance	\$ 141,770	\$ 139,282	\$ 137,170	\$ 135,437	\$ 134,080	\$ 133,101	\$ 132,498	\$ 132,273	\$ 132,426	\$ 132,955
Plus: DWSRF Loan Reimbursement										
Plus: Appropriation from Debt Service Fund	183,380	183,380	183,380	183,380	183,380	183,380	183,380	183,380	183,380	183,380
Less: Debt Service Payments	(42,628)	(42,251)	(41,874)	(41,497)	(41,119)	(40,742)	(40,365)	(39,988)	(39,610)	(39,233)
Less: Appropriation to General Facilities Charge Fund	(109,080)	(109,080)	(109,080)	(109,080)	(109,080)	(109,080)	(109,080)	(109,080)	(109,080)	(109,080)
Less: Appropriation to Operating Fund	(34,160)	(34,160)	(34,160)	(34,160)	(34,160)	(34,160)	(34,160)	(34,160)	(34,160)	(34,160)
Ending Balance	\$ 139,282	\$ 137,170	\$ 135,437	\$ 134,080	\$ 133,101	\$ 132,498	\$ 132,273	\$ 132,426	\$ 132,955	\$ 133,862
Minimum Balance										

Sewer:										
Beginning Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: DWSRF Loan Reimbursement										
Plus: Appropriation from Debt Service Fund										
Less: DWSRF Loan Payments										
Less: Appropriation to General Facilities Charge Fund										
Less: Appropriation to Operating Fund										
Ending Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Minimum Balance										

All Funds	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Beginning Balance	\$ 45,810,405	\$ 51,825,789	\$ 49,656,056	\$ 56,475,629	\$ 64,113,869	\$ 73,459,516	\$ 76,763,039	\$ 84,090,319	\$ 93,449,889	\$ 104,368,181
Plus: Inflows	27,843,983	26,700,927	24,170,670	23,842,086	23,791,650	24,387,439	24,522,776	24,356,173	24,871,539	26,078,002
Less: Outflows	(14,228,291)	(23,711,773)	(13,368,748)	(12,673,662)	(11,140,591)	(18,388,055)	(15,501,062)	(13,683,255)	(12,380,535)	(14,458,792)
Ending Balance	\$ 59,426,097	\$ 54,814,943	\$ 60,457,979	\$ 67,644,053	\$ 76,764,928	\$ 79,458,900	\$ 85,784,752	\$ 94,763,237	\$ 105,940,894	\$ 115,987,391
Net Change	\$ 13,615,692	\$ 2,989,154	\$ 10,801,922	\$ 11,168,424	\$ 12,651,059	\$ 5,999,384	\$ 9,021,714	\$ 10,672,918	\$ 12,491,005	\$ 11,619,210
Sewer:										
Beginning Balance	\$ 27,678,823	\$ 30,460,693	\$ 30,773,834	\$ 35,418,073	\$ 39,958,522	\$ 44,864,083	\$ 48,796,223	\$ 54,271,453	\$ 60,027,658	\$ 65,974,693
Plus: Inflows	21,297,419	22,309,064	23,499,642	25,056,307	24,807,801	26,080,371	26,511,217	27,547,898	28,665,858	29,742,986
Less: Outflows	(18,515,549)	(21,995,923)	(18,855,403)	(20,515,858)	(19,902,240)	(22,148,231)	(21,035,987)	(21,791,692)	(22,718,823)	(23,479,887)
Ending Balance	\$ 30,460,693	\$ 30,773,834	\$ 35,418,073	\$ 39,958,522	\$ 44,864,083	\$ 48,796,223	\$ 54,271,453	\$ 60,027,658	\$ 65,974,693	\$ 72,237,793
Net Change	\$ 2,781,870	\$ 313,142	\$ 4,644,239	\$ 4,540,449	\$ 4,905,561	\$ 3,932,140	\$ 5,475,230	\$ 5,756,205	\$ 5,947,035	\$ 6,263,099
Total Beginning Balance	\$ 73,489,228	\$ 82,286,482	\$ 80,429,891	\$ 91,893,702	\$ 104,072,390	\$ 118,323,599	\$ 125,559,261	\$ 138,361,772	\$ 153,477,547	\$ 170,342,874
Total Ending Balance	\$ 89,886,790	\$ 85,588,777	\$ 95,876,052	\$ 107,602,575	\$ 121,629,010	\$ 128,255,123	\$ 140,056,205	\$ 154,790,896	\$ 171,915,587	\$ 188,225,184
Net Change In Total Balance	\$ 16,397,562	\$ 3,302,296	\$ 15,446,161	\$ 15,708,873	\$ 17,556,620	\$ 9,931,524	\$ 14,496,944	\$ 16,429,123	\$ 18,438,040	\$ 17,882,310

**Sammamish Plateau Water
Water & Sewer Rate Model
Assumptions**



Economic & Financial Assumptions

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Escalators:										
General Cost Inflation	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Labor Cost Inflation	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Capital Cost Inflation	3.30%	3.30%	3.30%	3.30%	3.30%	3.30%	3.30%	3.30%	3.30%	3.30%
Water Customers - Single-Family Residential	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Customers - Multi-Family Residential	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Customers - Non-Residential	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Customers - Irrigation With Audit	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Customers - Irrigation Without Audit	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Aggregate Water Customer Growth	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Demand - Single-Family Residential	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Demand - Multi-Family Residential	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Demand - Non-Residential	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Demand - Irrigation With Audit	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Water Demand - Irrigation Without Audit	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Aggregate Water Demand Growth	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%	1.30%
Aggregate Water Demand Growth + Inflation	4.30%	4.30%	4.30%	4.30%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
Sewer Customers - Single-Family Residential	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Sewer Customers - Multi-Family Residential	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Sewer Customers - Non-Residential	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Sewer ERU Growth	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Sewer Flow - Single-Family Residential	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Sewer Flow - Multi-Family Residential	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Sewer Flow - Non-Residential	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Cascade Water Costs	8.46%	8.46%	8.46%	8.46%	10.46%	9.77%	9.07%	7.62%	7.97%	7.74%
Metro Treatment Costs	2.51%	2.51%	0.00%	0.00%	0.00%	2.28%	2.29%	3.00%	3.00%	3.00%
Metro Inc. + ERU Growth	4.51%	4.51%	2.00%	6.50%	1.00%	3.28%	3.29%	4.00%	4.00%	4.00%
Metro Inc. + Non-SFR Demand Growth	4.51%	4.51%	2.00%	6.50%	1.00%	3.28%	3.29%	4.00%	4.00%	4.00%
No Escalation	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Wheeling Charge Increases	0.00%	0.00%	6.30%	4.30%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
[Other Escalator #1]										
[Other Escalator #2]										
[Other Escalator #3]										
[Other Escalator #4]										

Other Assumptions:

State Excise Tax Rate - Water	5.029%	5.029%	5.029%	5.029%	5.029%	5.029%	5.029%	5.029%	5.029%	5.029%
State Excise Tax Rate - Sewer	3.852%	3.852%	3.852%	3.852%	3.852%	3.852%	3.852%	3.852%	3.852%	3.852%
Transmission Share of Sewer Revenue	53.29%	53.29%	53.29%	53.29%	53.29%	53.29%	53.29%	53.29%	53.29%	53.29%
Effective Sewer Excise Tax Rate	2.599%	2.599%	2.599%	2.599%	2.599%	2.599%	2.599%	2.599%	2.599%	2.599%
B&O Tax Rate	1.500%	1.500%	1.500%	1.500%	1.500%	1.500%	1.500%	1.500%	1.500%	1.500%
Fund Interest Earnings Rate	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%	1.25%

Debt Financing Assumptions

Revenue Bonds	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Interest Rate	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
Repayment Term	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years
Principal Deferral (Interest-Only) Period	0 Years	0 Years	0 Years	0 Years	0 Years	0 Years	0 Years	0 Years	0 Years	0 Years
Issuance Cost (% of Amount Issued)	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
Reserve Requirement (% of Amount Issued)	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%	7.69%
Required Coverage Ratio	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

Public Works Trust Fund Loans

Interest Rate	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
Repayment Term	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years	20 Years

**Sammamish Plateau Water
Water & Sewer Rate Model
Revenue Forecast**



Summary of Revenue Projections

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water										
Rate Revenue From Base Charges	\$ 7,612,484	\$ 7,679,312	\$ 7,779,100	\$ 7,880,185	\$ 7,958,954	\$ 8,038,511	\$ 8,118,863	\$ 8,200,018	\$ 8,281,985	\$ 8,364,772
Rate Revenue From Consumption Charges	7,935,857	7,207,506	7,301,200	7,396,113	7,470,071	7,544,770	7,620,215	7,696,415	7,773,377	7,851,108
Other Operating Revenue	943,840	946,440	966,854	988,155	1,009,531	1,031,861	1,055,193	1,079,575	1,105,058	1,131,697
Other Revenue	291,920	206,270	162,792	151,760	147,774	147,774	142,274	131,827	130,113	133,488
Debt Service Revenue	134,130	130,320	137,033	134,068	134,068	134,039	134,039	134,019	133,131	133,131
Capital Revenue	1,520,090	1,095,870	2,126,394	2,253,042	2,054,587	2,193,091	2,261,538	2,386,216	2,529,117	2,684,236
Total	\$ 18,438,320	\$ 17,265,718	\$ 18,473,373	\$ 18,803,323	\$ 18,774,986	\$ 19,089,731	\$ 19,332,121	\$ 19,628,070	\$ 19,952,780	\$ 20,300,432

Sewer										
Rate Revenue From Base Charges	\$ 6,122,096	\$ 6,228,175	\$ 6,352,706	\$ 6,479,727	\$ 6,544,508	\$ 6,609,936	\$ 6,676,019	\$ 6,742,763	\$ 6,810,174	\$ 6,878,259
Rate Revenue From Consumption Charges	528,247	538,824	549,601	560,593	566,199	571,861	577,579	583,355	589,189	595,081
Other Operating Revenue	9,316,970	9,704,800	9,900,878	10,507,973	10,624,406	10,964,322	11,316,798	11,754,689	12,210,261	12,684,230
Other Revenue	169,880	150,430	127,782	125,635	121,855	123,238	121,026	124,883	129,895	134,380
Debt Service Revenue	106,420	88,880	2,578	1,317	1,317	1,307	1,307	1,300	988	988
Capital Revenue	1,443,070	1,045,890	1,882,498	2,011,506	1,614,720	1,747,625	1,810,417	1,929,384	2,066,517	2,215,810
Total	\$ 17,686,682	\$ 17,757,000	\$ 18,816,053	\$ 19,686,750	\$ 19,473,005	\$ 20,018,289	\$ 20,503,145	\$ 21,136,373	\$ 21,807,022	\$ 22,508,747

Water Revenue Projections

Account	Description	Escalator	Revenue Type	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Single-Family Base Rate Revenue	Water Customers - Single-Family Residential	Base	\$ 6,032,850	\$ 6,111,280	\$ 6,190,727	\$ 6,271,206	\$ 6,333,918	\$ 6,397,257	\$ 6,461,230	\$ 6,525,842	\$ 6,591,101	\$ 6,657,012
	Multi-Family Consumption Rate Revenue	Water Demand - Single-Family Residential	Consumption	4,919,070	4,564,800	4,624,142	4,684,256	4,731,059	4,778,410	4,826,194	4,874,456	4,923,200	4,972,432
	Multi-Family Base Rate Revenue	Water Customers - Multi-Family Residential	Base	1,147,420	1,162,340	1,177,450	1,192,757	1,204,685	1,216,732	1,228,899	1,241,188	1,253,600	1,266,136
	Multi-Family Consumption Rate Revenue	Water Demand - Multi-Family Residential	Consumption	487,740	544,620	551,700	558,872	564,461	570,105	575,807	581,565	587,380	593,254
	Commercial Base Rate Revenue	Water Customers - Non-Residential	Base	230,770	233,770	236,809	239,888	242,286	244,709	247,156	249,628	252,124	254,645
	Commercial Consumption Rate Revenue	Water Demand - Non-Residential	Consumption	201,730	214,790	217,582	220,411	222,615	224,841	227,090	229,360	231,654	233,971
	Industrial Base Rate Revenue	Water Customers - Non-Residential	Base	4,440	4,500	4,559	4,618	4,664	4,711	4,758	4,805	4,853	4,902
	Industrial Consumption Rate Revenue	Water Demand - Non-Residential	Consumption	3,550	8,240	8,347	8,456	8,540	8,626	8,712	8,799	8,887	8,976
	Public Institution Base Rate Revenue	Water Customers - Non-Residential	Base	175,630	177,910	180,223	182,566	184,991	186,235	188,098	189,979	191,878	193,797
	Public Institution Consumption Rate Revenue	Water Demand - Non-Residential	Consumption	75,300	75,620	76,003	77,599	78,375	79,159	79,950	80,750	81,557	82,373
	Irrigation w/Audit Base Rate Revenue	Water Customers - Irrigation With Audit	Base	38,650	39,150	39,659	40,175	40,576	40,982	41,392	41,806	42,224	42,646
	Irrigation w/Audit Consumption Rate Revenue	Water Demand - Irrigation With Audit	Consumption	101,140	170,280	174,494	176,483	176,483	178,248	180,031	181,831	183,649	185,486
	Irrigation w/o Audit Base Rate Revenue	Water Customers - Irrigation Without Audit	Base	363,550	368,280	373,068	377,918	381,697	385,514	389,369	393,262	397,195	401,167
	Irrigation w/o Audit Consumption Rate Revenue	Water Demand - Irrigation Without Audit	Consumption	2,432,880	1,900,890	1,925,602	1,950,634	1,970,141	1,989,842	2,009,741	2,029,838	2,050,136	2,070,638
	Fire Flow Base Rate Revenue	No Escalation	Base	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720	2,720
	Wholesale Base Rate Revenue	No Escalation	Base	760	760	760	760	760	760	760	760	760	760
	Wholesale Consumption Rate Revenue	No Escalation	Consumption	490	250	250	250	250	250	250	250	250	250
	Low-Income Discount/Rebate Program	[Calculated]	Base	(2,500)	(36,330)	(36,802)	(37,281)	(37,654)	(38,030)	(38,410)	(38,794)	(39,182)	(39,574)
	Less: Excise Taxes on Base Charges	[Calculated]	Base	(381,806)	(385,068)	(390,072)	(395,140)	(399,090)	(403,079)	(407,108)	(411,177)	(415,287)	(419,439)
	Less: Excise Taxes on Consumption Charges	[Calculated]	Consumption	(286,043)	(271,984)	(275,520)	(279,102)	(283,993)	(284,711)	(287,588)	(290,434)	(293,338)	(296,271)
	Subtotal: Service Revenue			\$ 15,548,340	\$ 14,886,818	\$ 15,080,300	\$ 15,276,298	\$ 15,429,026	\$ 15,583,280	\$ 15,739,078	\$ 15,896,433	\$ 16,055,362	\$ 16,215,880
	Adopted / Baseline Rate Adjustments												
	Base												
	Consumption												

**Sammamish Plateau Water
Water & Sewer Rate Model
Revenue Forecast**



Water Revenue Projections (Continued)

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Other Operating Revenue										
Account										
Description										
Meter Charges										
Street Light Revenue	\$ 268,830	\$ 228,510	\$ 228,510	\$ 228,510	\$ 228,510	\$ 228,510	\$ 228,510	\$ 228,510	\$ 228,510	\$ 228,510
Rental Income	102,500	109,029	110,447	111,551	112,667	113,793	114,931	116,080	117,241	118,411
Late Charges	24,080	24,950	24,950	24,950	24,950	24,950	24,950	24,950	24,950	24,950
Penalties and Interest	77,410	78,420	79,439	80,472	81,527	82,609	83,711	84,840	86,000	87,190
Availability Certificate	79,460	91,760	94,161	95,103	96,054	97,014	97,985	98,964	99,954	100,954
Unmetered Water Sales - Flushing	2,680	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490	3,490
ROW Permits	27,820	27,820	27,820	27,820	27,820	27,820	27,820	27,820	27,820	27,820
Developer Revenue	1,610	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
Overhead Revenue	14,930	8,960	9,408	9,878	10,372	10,891	11,435	12,007	12,608	13,238
Miscellaneous Revenue	302,460	327,090	343,445	360,617	378,648	397,580	417,459	438,332	460,248	483,161
Escalator										
No Escalation	42,060	46,440	46,440	46,440	46,440	46,440	46,440	46,440	46,440	46,440
Aggregate Water Customer Growth	\$ 943,840	\$ 946,440	\$ 966,854	\$ 988,155	\$ 1,009,531	\$ 1,031,861	\$ 1,055,193	\$ 1,079,575	\$ 1,105,058	\$ 1,131,697
Aggregate Water Customer Growth										
Aggregate Water Customer Growth										
Aggregate Water Customer Growth										
Labor Cost Inflation										
Labor Cost Inflation										
No Escalation										
Subtotal: Other Operating Revenue	\$ 254,460	\$ 147,860	\$ 132,382	\$ 121,350	\$ 117,364	\$ 117,049	\$ 111,864	\$ 101,417	\$ 99,703	\$ 105,078
Investment Income	28,960	30,410	30,410	30,410	30,410	30,410	30,410	30,410	30,410	30,410
Billable Services	8,500	28,000	-	-	-	-	-	-	-	-
Gain on Disposition of Property										
Subtotal: Other Revenue	\$ 291,920	\$ 206,270	\$ 162,792	\$ 151,760	\$ 147,774	\$ 147,459	\$ 142,274	\$ 131,827	\$ 130,113	\$ 135,488
Debt Service Revenue										
Account										
Description										
Overdue ULID Assessment Income	\$ 134,130	\$ 130,320	\$ 130,320	\$ 130,320	\$ 130,320	\$ 130,320	\$ 130,320	\$ 130,320	\$ 130,320	\$ 130,320
Interest Revenue	-	6,713	3,748	3,748	3,719	3,719	3,719	3,699	2,811	2,811
Subtotal: Debt Service Revenue	\$ 134,130	\$ 130,320	\$ 137,033	\$ 134,068	\$ 134,039	\$ 134,039	\$ 134,039	\$ 134,019	\$ 133,131	\$ 133,131
Capital Revenue										
Account										
Description										
Interest Revenue	\$ 495,380	\$ 537,990	\$ 479,891	\$ 579,154	\$ 678,635	\$ 795,812	\$ 842,299	\$ 944,359	\$ 1,063,955	\$ 1,195,052
GFCs [1]	588,050	175,000	1,376,757	1,394,655	1,086,758	1,097,625	1,108,602	1,119,688	1,130,885	1,142,193
NE Samm / SP Water Joint Fund Transfer										
LFCs	269,560	202,170	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000
Developer Fees	167,100	180,710	189,746	199,233	209,194	219,654	230,637	242,169	254,277	266,991
Subtotal: Capital Revenue	\$ 1,520,090	\$ 1,095,870	\$ 2,126,394	\$ 2,253,042	\$ 2,054,587	\$ 2,193,091	\$ 2,261,538	\$ 2,386,216	\$ 2,529,117	\$ 2,684,236
[1] GFC Revenue Projection:										
General Facilities Charge (GFC) per Meter Equivalent	\$ 4,729	\$ 4,729	\$ 4,729	\$ 4,729	\$ 4,729	\$ 4,729	\$ 4,729	\$ 4,729	\$ 4,729	\$ 4,729
Projected Growth in Meter Equivalents	0	287	291	295	230	232	234	237	239	242
Calculated GFC Revenue	\$ -	\$ 1,359,089	\$ 1,376,757	\$ 1,394,655	\$ 1,086,758	\$ 1,097,625	\$ 1,108,602	\$ 1,119,688	\$ 1,130,885	\$ 1,142,193
GFC Revenue Override	\$ 588,050	\$ 175,000								

**Sammamish Plateau Water
Water & Sewer Rate Model
Revenue Forecast**



Sewer Revenue Projections

2021 2022 2023 2024 2025 2026 2027

Account	Description	Escalator	Revenue Type	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Service Revenue													
Account	Single-Family Base Rate Revenue	Escalator	Base	\$ 4,593,510	\$ 4,685,390	\$ 4,779,098	\$ 4,874,680	\$ 4,923,427	\$ 4,972,661	\$ 5,022,387	\$ 5,072,611	\$ 5,123,337	\$ 5,174,571
	Multi-Family Base Rate Revenue	No Escalation	Consumption	-	-	-	-	-	-	-	-	-	-
	Multi-Family Consumption Rate Revenue	Escalator	Base	1,574,350	1,605,840	1,637,957	1,670,716	1,687,423	1,704,297	1,721,340	1,738,554	1,755,939	1,773,499
	Commercial Base Rate Revenue	No Escalation	Consumption	-	-	-	-	-	-	-	-	-	-
	Commercial Consumption Rate Revenue	Escalator	Base	87,190	88,940	90,719	92,533	93,459	94,393	95,337	96,290	97,253	98,226
	Public Institution Base Rate Revenue	No Escalation	Consumption	398,710	406,690	414,824	423,120	427,351	431,625	435,941	440,301	444,704	449,151
	Public Institution Consumption Rate Revenue	Escalator	Base	30,690	31,310	31,936	32,575	32,901	33,230	33,562	33,898	34,237	34,579
	Wholesale Base Rate Revenue	No Escalation	Consumption	143,630	146,510	149,440	152,429	153,953	155,493	157,048	158,618	160,204	161,806
	Wholesale Consumption Rate Revenue	Escalator	Base	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
	Low-Income Discount/Rebate Program	[Calculated]	Consumption	(2,010)	(18,840)	(19,217)	(19,601)	(19,797)	(19,995)	(20,195)	(20,397)	(20,601)	(20,807)
	Less: Excise Taxes on Consumption Charges	[Calculated]	Base	(163,334)	(166,165)	(169,487)	(172,876)	(174,604)	(176,350)	(178,113)	(179,893)	(181,692)	(183,508)
		[Calculated]	Consumption	(14,093)	(14,376)	(14,663)	(14,956)	(15,106)	(15,257)	(15,410)	(15,564)	(15,719)	(15,876)
Subtotal: Service Revenue				\$ 6,650,342	\$ 6,767,000	\$ 6,902,907	\$ 7,040,320	\$ 7,110,706	\$ 7,181,797	\$ 7,253,598	\$ 7,326,118	\$ 7,399,362	\$ 7,473,339

Adopted / Baseline Rate Adjustments

Account	Description	Escalator	Revenue Type	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Other Operating Revenue													
Account	Side Sewer Inspection	Escalator	Base	\$ 101,190	\$ 86,020	\$ 86,020	\$ 86,020	\$ 86,020	\$ 86,020	\$ 86,020	\$ 86,020	\$ 86,020	\$ 86,020
	Metro Charges	No Escalation	Consumption	8,476,380	8,857,820	9,034,976	9,622,280	9,718,503	10,037,262	10,367,591	10,782,294	11,213,586	11,662,129
	Street Light Revenue	Escalator	Base	68,330	71,750	73,683	75,628	74,364	75,108	75,859	76,617	77,383	78,157
	Grinder Pump Fee	No Escalation	Consumption	201,340	215,440	215,440	215,440	215,440	215,440	215,440	215,440	215,440	215,440
	Rental Income	No Escalation	Consumption	21,680	22,550	22,550	22,550	22,550	22,550	22,550	22,550	22,550	22,550
	Late Charges	Escalator	Base	46,240	47,170	47,783	48,404	48,888	49,377	49,871	50,370	50,874	51,382
	Penalties and Interest	No Escalation	Consumption	39,040	40,830	41,361	41,898	42,317	42,741	43,168	43,600	44,036	44,476
	Availability Certificate	No Escalation	Consumption	1,750	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230
	ROW Permits	No Escalation	Consumption	-	-	-	-	-	-	-	-	-	-
	Developer Revenue	Escalator	Base	16,350	9,810	10,301	10,816	11,356	11,924	12,520	13,146	13,804	14,494
	Overhead Revenue	Escalator	Base	298,040	327,090	343,445	360,617	378,648	397,580	417,459	438,332	460,248	483,261
	Miscellaneous Revenue	No Escalation	Consumption	46,630	24,090	24,090	24,090	24,090	24,090	24,090	24,090	24,090	24,090
Subtotal: Other Operating Revenue				\$ 9,316,970	\$ 9,704,800	\$ 9,900,878	\$ 10,507,973	\$ 10,624,406	\$ 10,964,322	\$ 11,316,798	\$ 11,754,689	\$ 12,210,261	\$ 12,684,230

Other Revenue

Account	Description	Escalator	Revenue Type	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Investment Income	[Calculated]	Base	\$ 164,880	\$ 127,430	\$ 127,792	\$ 125,635	\$ 121,855	\$ 123,238	\$ 121,026	\$ 124,883	\$ 129,895	\$ 134,380
	Gain on Disposition of Property	No Escalation	Consumption	5,000	23,000	-	-	-	-	-	-	-	-
Subtotal: Other Revenue				\$ 169,880	\$ 150,430	\$ 127,792	\$ 125,635	\$ 121,855	\$ 123,238	\$ 121,026	\$ 124,883	\$ 129,895	\$ 134,380

Debt Service Revenue

Account	Description	Escalator	Revenue Type	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	UID Assessments	Escalator	Base	\$ 106,420	\$ 88,880	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Interest Revenue	No Escalation	Consumption	-	-	2,578	1,317	1,317	1,307	1,307	1,300	988	988
Subtotal: Debt Service Revenue				\$ 106,420	\$ 88,880	\$ 2,578	\$ 1,317	\$ 1,317	\$ 1,307	\$ 1,307	\$ 1,300	\$ 988	\$ 988

Capital Revenue

Account	Description	Escalator	Revenue Type	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
	Interest Revenue	[Calculated]	Base	\$ 284,490	\$ 285,200	\$ 479,891	\$ 579,154	\$ 678,635	\$ 795,812	\$ 842,299	\$ 944,359	\$ 1,063,955	\$ 1,195,052
	GFCs [1]	[Calculated]	Consumption	567,290	175,000	1,012,861	1,033,119	526,890	532,159	537,481	542,856	548,284	553,767
	LFCs	No Escalation	Consumption	426,630	404,980	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
	Developer Fees	Escalator	Base	164,660	180,710	189,746	199,233	209,194	219,654	230,637	242,169	254,277	266,991
Subtotal: Capital Revenue				\$ 1,443,070	\$ 1,045,890	\$ 1,882,498	\$ 2,011,506	\$ 1,614,720	\$ 1,747,625	\$ 1,810,417	\$ 1,929,384	\$ 2,066,517	\$ 2,215,810

[1] GFC Revenue Projection:
 General Facilities Charge (GFC) per Meter Equivalent
 Projected Growth in Meter Equivalents
 Calculated GFC Revenue
 GFC Revenue Override



**Sammamish Plateau Water
Water & Sewer Rate Model
Revenue Forecast**

Service Revenue Projections (After Rate Adjustments)

Account	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water Service Revenue										
Description										
Single-Family Base Rate Revenue	\$ 6,032,850	\$ 6,340,453	\$ 6,663,737	\$ 7,003,504	\$ 7,338,797	\$ 7,690,142	\$ 8,058,307	\$ 8,444,099	\$ 8,848,360	\$ 9,271,975
Multi-Family Consumption Rate Revenue	4,919,070	4,735,980	4,977,456	5,231,244	5,481,690	5,744,125	6,019,126	6,307,291	6,609,253	6,925,671
Multi-Family Base Rate Revenue	1,147,420	1,205,928	1,267,415	1,332,037	1,395,809	1,462,633	1,532,656	1,606,032	1,682,921	1,763,491
Multi-Family Consumption Rate Revenue	487,740	565,043	593,853	624,132	654,013	685,324	718,134	752,514	788,541	826,292
Commercial Base Rate Revenue	230,770	242,536	254,903	267,900	280,725	294,165	308,248	323,005	338,469	354,674
Commercial Consumption Rate Revenue	201,730	222,845	234,207	246,149	257,933	270,281	283,221	296,780	310,989	325,877
Industrial Base Rate Revenue	4,440	4,669	4,907	5,157	5,404	5,663	5,934	6,218	6,515	6,827
Industrial Consumption Rate Revenue	3,550	8,549	8,985	9,443	9,895	10,369	10,865	11,385	11,930	12,502
Public Institution Base Rate Revenue	175,630	184,582	193,993	203,884	213,645	223,873	234,591	245,822	257,591	269,923
Public Institution Consumption Rate Revenue	75,300	78,456	82,456	86,660	90,809	95,157	99,712	104,486	109,488	114,730
Irrigation w/Audit Base Rate Revenue	38,650	40,618	42,689	44,866	47,014	49,264	51,623	54,094	56,684	59,398
Irrigation w/Audit Consumption Rate Revenue	101,140	176,666	185,673	195,140	204,483	214,272	224,530	235,280	246,544	258,347
Irrigation w/o Audit Base Rate Revenue	363,550	382,091	401,572	422,048	442,253	463,426	485,612	508,861	533,223	558,751
Irrigation w/o Audit Consumption Rate Revenue	2,432,880	1,972,173	2,072,730	2,178,413	2,282,704	2,391,989	2,506,505	2,626,504	2,752,248	2,884,012
Fire Flow Base Rate Revenue	2,720	2,822	2,928	3,038	3,152	3,270	3,392	3,520	3,652	3,788
Wholesale Base Rate Revenue	490	789	818	849	881	914	948	983	1,020	1,059
Wholesale Consumption Rate Revenue	259	259	269	279	290	301	312	323	336	348
Low-Income Discount/Rebate Program	(2,500)	(37,692)	(39,614)	(41,634)	(43,627)	(45,716)	(47,905)	(50,198)	(52,601)	(55,120)
Less: Excise Taxes on Base Charges	(381,806)	(399,508)	(419,876)	(441,281)	(462,406)	(484,541)	(507,737)	(532,042)	(557,511)	(584,200)
Less: Excise Taxes on Consumption Charges	(286,043)	(282,184)	(296,572)	(311,693)	(326,615)	(342,251)	(358,637)	(375,806)	(393,798)	(412,651)
Total Water Service Revenue	\$ 15,548,340	\$ 15,445,073	\$ 16,232,529	\$ 17,060,134	\$ 17,876,847	\$ 18,732,658	\$ 19,629,440	\$ 20,569,154	\$ 21,553,854	\$ 22,585,696
<i>Check: Total Water Service Revenue After Rate Adjustments</i>										
Sewer Service Revenue										
Description										
Single-Family Base Rate Revenue	\$ 4,593,510	\$ 4,837,665	\$ 5,094,787	\$ 5,365,575	\$ 5,659,356	\$ 5,984,977	\$ 6,345,444	\$ 6,745,444	\$ 7,188,188	\$ 7,670,569
Multi-Family Consumption Rate Revenue	1,574,350	1,658,030	1,746,154	1,838,962	1,917,716	1,999,842	2,085,485	2,174,796	2,267,932	2,365,056
Multi-Family Base Rate Revenue	87,190	91,831	96,711	101,852	106,213	110,762	115,505	120,452	125,610	130,989
Commercial Base Rate Revenue	398,710	419,907	442,226	465,730	485,675	506,474	528,163	550,782	574,369	598,967
Public Institution Base Rate Revenue	30,690	32,328	34,046	35,855	37,391	38,992	40,662	42,403	44,219	46,113
Public Institution Consumption Rate Revenue	143,630	151,272	159,312	167,779	174,964	182,457	190,271	198,419	206,916	215,778
Wholesale Base Rate Revenue	1,700	1,755	1,812	1,871	1,932	1,995	2,060	2,127	2,196	2,267
Wholesale Consumption Rate Revenue	(2,010)	(19,452)	(20,486)	(21,575)	(22,499)	(23,463)	(24,467)	(25,515)	(26,608)	(27,747)
Low-Income Discount/Rebate Program	(163,334)	(171,565)	(180,683)	(190,285)	(198,433)	(206,931)	(215,792)	(225,033)	(234,669)	(244,718)
Less: Excise Taxes on Base Charges	(14,093)	(14,843)	(15,632)	(16,462)	(17,167)	(17,903)	(18,669)	(19,469)	(20,303)	(21,172)
Less: Excise Taxes on Consumption Charges										
Total Sewer Service Revenue	\$ 6,650,342	\$ 6,986,927	\$ 7,358,247	\$ 7,749,302	\$ 8,081,147	\$ 8,427,202	\$ 8,788,077	\$ 9,164,406	\$ 9,556,850	\$ 9,966,100
<i>Check: Total Sewer Service Revenue After Rate Adjustments</i>										

**Sammamish Plateau Water
Water & Sewer Rate Model
Forecast of General (410) Expenses**



	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Summary of General Operating Expense Projections										
Water										
Board of Commissioners	\$ 8,000	\$ 5,000	\$ 5,150	\$ 5,305	\$ 5,464	\$ 5,628	\$ 5,796	\$ 5,970	\$ 6,149	\$ 6,334
Board of Commissioners - Water Only	362,611	379,505	398,272	417,972	438,649	460,354	483,137	507,053	531,157	558,509
General Management	153,124	175,704	183,271	191,179	199,445	208,085	217,118	226,561	236,434	246,756
Human Resources	219,838	196,659	206,174	216,156	226,627	237,611	249,134	261,222	273,904	287,209
Planning and Protection Programs	105,995	165,970	172,574	179,457	186,631	194,111	201,909	210,040	218,518	227,359
Public Outreach	463,807	542,552	526,418	549,920	574,512	600,246	627,177	655,363	684,863	715,739
Information Systems	442,958	449,723	494,987	492,447	515,349	539,345	564,487	590,832	647,717	647,365
Financial Management	279,038	376,834	408,940	426,557	444,970	464,216	484,335	505,366	527,354	550,342
Customer Services	402,408	476,100	471,831	492,787	514,712	537,652	561,655	586,771	613,054	640,560
Field Services	265,734	327,570	341,593	356,247	371,561	387,565	404,293	421,777	440,054	459,160
Building, Maintenance, and Grounds	331,187	453,828	466,949	480,530	443,348	455,341	467,718	480,495	493,684	507,299
General Expenditures										
Total	\$ 3,252,397	\$ 3,769,235	\$ 3,923,692	\$ 4,045,612	\$ 4,187,951	\$ 4,346,928	\$ 4,554,177	\$ 4,727,520	\$ 4,983,764	\$ 5,144,717
Sewer										
Board of Commissioners	\$ 217,695	\$ 219,790	\$ 247,532	\$ 237,057	\$ 266,683	\$ 255,774	\$ 287,418	\$ 276,070	\$ 309,876	\$ 298,085
Board of Commissioners - Water Only	-	-	-	-	-	-	-	-	-	-
General Management	231,834	242,635	254,633	267,228	280,448	294,325	308,891	324,181	340,231	357,079
Human Resources	97,899	112,336	117,173	122,229	127,514	133,038	138,813	144,850	151,163	157,762
Planning and Protection Programs	202,927	181,531	190,315	199,528	209,194	219,333	229,970	241,128	252,835	265,116
Public Outreach	45,427	71,130	73,960	76,910	79,985	83,190	86,532	90,017	93,651	97,440
Information Systems	296,533	346,878	336,562	351,588	367,311	383,764	400,982	419,003	437,863	457,604
Financial Management	283,202	287,528	316,467	314,843	329,485	344,827	360,901	377,745	414,114	413,889
Customer Services	178,402	240,926	261,454	272,717	284,489	296,794	309,657	323,103	337,161	351,858
Field Services	44,712	52,900	52,426	54,754	57,190	59,739	62,406	65,197	68,117	71,173
Building, Maintenance, and Grounds	169,896	209,430	218,396	227,765	237,555	247,788	258,482	269,661	281,346	293,561
General Expenditures	211,743	290,152	298,541	307,224	283,452	291,119	299,033	307,202	315,634	324,338
Total	\$ 1,980,268	\$ 2,255,235	\$ 2,367,459	\$ 2,431,843	\$ 2,523,306	\$ 2,609,691	\$ 2,743,086	\$ 2,838,156	\$ 3,001,990	\$ 3,087,306

Sammamish Plateau Water
Water & Sewer Rate Model
Forecast of General (410) Expenses



		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Operating Expense Projections											
Board of Commissioners											
Account	Description	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
	Personnel	\$ 150,490	\$ 186,640	\$ 195,972	\$ 205,771	\$ 216,059	\$ 226,862	\$ 238,205	\$ 250,115	\$ 262,621	\$ 275,752
	Contractual - Elections	36,350	38,564	40,912	43,404	46,047	48,840	51,772	54,844	58,057	61,390
	Contractual - Miscellaneous	60,000	62,000	63,860	65,776	67,749	69,782	71,875	74,031	76,252	78,540
	Contractual - Other	187,650	189,840	195,535	201,401	207,443	213,667	220,077	226,679	233,479	240,484
	Commodities	900	1,100	1,133	1,167	1,202	1,238	1,275	1,313	1,353	1,393
	Subtotal: Board of Commissioners	\$ 435,390	\$ 439,580	\$ 495,064	\$ 474,115	\$ 533,366	\$ 511,548	\$ 574,836	\$ 552,139	\$ 619,753	\$ 596,169
	Water Share	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Board of Commissioners - Water Only											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Personnel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Contractual	8,000	5,000	5,150	5,305	5,464	5,628	5,796	5,970	6,149	6,334
	Commodities	-	-	-	-	-	-	-	-	-	-
	Subtotal: Board of Commissioners - Water Only	\$ 8,000	\$ 5,000	\$ 5,150	\$ 5,305	\$ 5,464	\$ 5,628	\$ 5,796	\$ 5,970	\$ 6,149	\$ 6,334
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
General Management											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Personnel	\$ 576,980	\$ 605,070	\$ 635,324	\$ 667,090	\$ 700,444	\$ 735,466	\$ 772,240	\$ 810,852	\$ 851,394	\$ 893,964
	Contractual	16,700	16,020	16,501	16,996	17,505	18,031	18,572	19,129	19,703	20,294
	Commodities	765	1,050	1,082	1,114	1,147	1,182	1,217	1,254	1,291	1,330
	Subtotal: General Management	\$ 594,445	\$ 622,140	\$ 652,906	\$ 685,199	\$ 719,097	\$ 754,679	\$ 792,028	\$ 831,234	\$ 872,388	\$ 915,588
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
Human Resources											
Account	Description	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%
	Personnel	\$ 179,550	\$ 188,140	\$ 197,547	\$ 207,424	\$ 217,796	\$ 228,685	\$ 240,120	\$ 252,126	\$ 264,732	\$ 277,968
	Contractual	64,265	84,300	86,829	89,434	92,117	94,880	97,727	100,659	103,678	106,789
	Commodities	7,207	15,600	16,068	16,550	17,047	17,558	18,085	18,627	19,186	19,762
	Subtotal: Human Resources	\$ 251,022	\$ 288,040	\$ 300,444	\$ 313,408	\$ 326,959	\$ 341,124	\$ 355,931	\$ 371,411	\$ 387,596	\$ 404,519
	Water Share	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%	52.00%
Planning and Protection Programs											
Account	Description	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
	Personnel	\$ 402,710	\$ 347,650	\$ 365,033	\$ 383,284	\$ 402,448	\$ 422,571	\$ 443,699	\$ 465,884	\$ 489,178	\$ 513,637
	Contractual	16,172	26,000	26,780	27,583	28,411	29,263	30,141	31,045	31,977	32,936
	Commodities	3,883	4,540	4,676	4,816	4,961	5,110	5,263	5,421	5,584	5,751
	Subtotal: Planning and Protection Programs	\$ 422,765	\$ 378,190	\$ 396,489	\$ 415,684	\$ 435,820	\$ 456,944	\$ 479,104	\$ 502,351	\$ 526,739	\$ 552,325
	Water Share	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%	70.00%
Public Outreach											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Personnel	\$ 107,260	\$ 116,040	\$ 121,842	\$ 127,934	\$ 134,331	\$ 141,047	\$ 148,100	\$ 155,505	\$ 163,280	\$ 171,444
	Contractual	32,427	101,660	104,710	107,851	111,087	114,419	117,852	121,387	125,029	128,780
	Commodities	11,735	71,470	19,982	20,581	21,199	21,835	22,490	23,165	23,860	24,575
	Subtotal: Public Outreach	\$ 151,422	\$ 237,100	\$ 246,534	\$ 256,367	\$ 266,616	\$ 277,301	\$ 288,441	\$ 300,057	\$ 312,168	\$ 324,799
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
Information Systems											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Personnel	\$ 495,190	\$ 601,790	\$ 631,880	\$ 663,473	\$ 696,647	\$ 731,480	\$ 768,053	\$ 806,456	\$ 846,779	\$ 889,118
	Contractual	186,640	216,170	130,985	138,962	143,131	147,425	151,848	156,403	161,095	165,955
	Commodities	78,510	71,470	100,116	103,119	106,213	109,299	112,681	116,062	119,544	123,130
	Subtotal: Information Systems	\$ 760,340	\$ 889,430	\$ 862,981	\$ 901,508	\$ 941,822	\$ 984,010	\$ 1,028,160	\$ 1,074,366	\$ 1,122,726	\$ 1,173,343
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%

**Sammamish Plateau Water
Water & Sewer Rate Model
Forecast of General (410) Expenses**



		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Operating Expense Projections (Continued)											
Financial Management											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Escalator										
	Labor Cost Inflation	\$ 570,880	\$ 604,350	\$ 634,568	\$ 666,296	\$ 699,611	\$ 734,591	\$ 771,321	\$ 809,887	\$ 850,381	\$ 892,900
	General Cost Inflation	11,900	7,500	47,725	7,957	8,195	8,441	8,695	8,955	9,224	9,501
	Contractual - Consulting Services	135,490	123,220	126,917	130,724	134,646	138,685	142,846	147,131	151,545	156,091
	Contractual - Other	7,800	2,180	2,245	2,313	2,382	2,454	2,527	2,603	2,681	2,762
	Commodities										
	Subtotal: Financial Management	\$ 726,160	\$ 737,250	\$ 811,455	\$ 807,289	\$ 844,834	\$ 884,171	\$ 925,388	\$ 968,576	\$ 1,061,831	\$ 1,061,254
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
Customer Services											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Escalator										
	Labor Cost Inflation	\$ 307,810	\$ 392,550	\$ 438,428	\$ 460,349	\$ 483,366	\$ 507,535	\$ 532,911	\$ 559,557	\$ 587,535	\$ 616,912
	General Cost Inflation	107,810	179,090	184,463	189,997	195,696	201,567	207,614	213,843	220,258	226,866
	Contractual	41,820	46,120	47,504	48,929	50,397	51,908	53,466	55,070	56,722	58,423
	Commodities										
	Subtotal: Customer Services	\$ 457,440	\$ 617,760	\$ 670,394	\$ 699,274	\$ 729,459	\$ 761,010	\$ 793,991	\$ 828,469	\$ 864,515	\$ 902,201
	Water Share	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%	90.00%
Field Services											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Escalator										
	Labor Cost Inflation	\$ 359,040	\$ 359,850	\$ 377,843	\$ 396,735	\$ 416,571	\$ 437,400	\$ 459,270	\$ 482,233	\$ 506,345	\$ 531,662
	General Cost Inflation	52,790	54,750	59,483	61,267	63,105	64,998	66,948	68,957	71,025	73,156
	Contractual		30,000								
	Commodities - Computer Software										
	Commodities - Meters	18,900	65,000	66,950	68,959	71,027	73,158	75,353	77,613	79,942	82,340
	Commodities - Other	16,390	19,400	19,982	20,581	21,199	21,835	22,490	23,165	23,860	24,575
	Subtotal: Field Services	\$ 447,120	\$ 529,000	\$ 524,257	\$ 547,542	\$ 571,902	\$ 597,391	\$ 624,061	\$ 651,968	\$ 681,172	\$ 711,734
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
Building, Maintenance, and Grounds											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Escalator										
	Labor Cost Inflation	\$ 255,020	\$ 343,950	\$ 361,148	\$ 379,205	\$ 398,165	\$ 418,073	\$ 438,977	\$ 460,926	\$ 483,972	\$ 508,171
	General Cost Inflation	131,740	141,860	146,116	150,499	155,014	159,665	164,455	169,388	174,470	179,704
	Contractual - Other	48,870	51,190	52,726	54,307	55,937	57,615	59,343	61,124	62,957	64,846
	Commodities										
	Subtotal: Building, Maintenance, and Grounds	\$ 435,630	\$ 537,000	\$ 559,989	\$ 584,012	\$ 609,116	\$ 635,353	\$ 662,775	\$ 691,488	\$ 721,399	\$ 752,721
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
General Expenditures											
Account	Description	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%
	Escalator										
	Labor Cost Inflation	\$ -	\$ 109,500	\$ 114,975	\$ 120,724	\$ 127,660	\$ 134,898	\$ 142,443	\$ 150,350	\$ 158,635	\$ 167,300
	General Cost Inflation	510,110	499,560	514,547	529,983	545,883	562,259	579,127	596,501	614,396	632,828
	Contractual - Other		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
	Commodities - Contingency										
	Commodities - Other	32,820	34,920	35,968	37,047	38,158	39,303	40,482	41,696	42,947	44,236
	Subtotal: General Expenditures	\$ 542,930	\$ 743,980	\$ 765,489	\$ 787,754	\$ 826,801	\$ 874,660	\$ 929,752	\$ 989,552	\$ 1,056,318	\$ 1,133,661
	Water Share	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%	61.00%

**Sammamish Plateau Water
Water & Sewer Rate Model
Forecast of Water (420) Expenses**



Summary of Water Operating Expense Projections

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water										
Administration - Water Purchases	1,545,830	1,676,680	1,730,317	2,007,997	2,218,095	2,430,293	2,650,823	2,852,776	3,080,235	3,318,628
Administration - Other	1,285,340	1,967,540	2,094,314	2,195,833	2,302,332	2,414,057	2,531,267	2,654,233	2,783,239	2,918,584
Wells / Production	634,990	618,460	622,960	657,365	672,200	707,642	723,791	761,818	779,393	820,196
Treatment	312,170	202,000	209,230	216,727	224,208	231,953	239,707	248,271	256,864	265,761
Booster Stations	206,490	183,410	194,371	199,298	210,559	215,379	227,482	232,760	245,771	251,548
Storage	11,460	9,030	9,303	9,583	9,872	10,170	10,477	10,793	11,118	11,453
Water Mains / Appurtenances	405,560	214,550	220,987	227,616	234,445	241,478	248,722	256,184	263,869	271,786
Meters	78,120	8,000	8,240	8,487	8,742	9,004	9,274	9,552	9,839	10,134
SCADA	89,870	93,900	97,857	101,990	106,306	110,815	115,525	120,446	125,587	130,959
Building & Grounds										
Total	\$ 4,549,830	\$ 4,973,570	\$ 5,187,578	\$ 5,624,897	\$ 5,986,759	\$ 6,370,791	\$ 6,757,332	\$ 7,146,832	\$ 7,555,915	\$ 7,999,049

Operating Expense Projections

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Administration - Water Purchases										
Account										
Description										
Cascade Water Alliance Admin Dues	459,730	464,250	474,619	477,818	495,794	513,643	532,067	551,086	570,719	590,985
Cascade Water Alliance Admin Conservation	109,100	115,980	117,840	122,296	126,897	131,465	136,180	141,048	146,073	151,260
Cascade Water Alliance Admin Water	977,000	1,096,450	1,137,858	1,407,884	1,595,405	1,785,186	1,982,575	2,160,641	2,363,442	2,576,383
Subtotal: Administration - Water Purchases	\$ 1,545,830	\$ 1,676,680	\$ 1,730,317	\$ 2,007,997	\$ 2,218,095	\$ 2,430,293	\$ 2,650,823	\$ 2,852,776	\$ 3,080,235	\$ 3,318,628
Administration - Other										
Account										
Description										
Personnel	89,370	88,700	91,361	94,102	96,925	99,833	102,828	105,912	109,080	112,363
Contractual	70,140	66,470	68,464	70,518	72,634	74,813	77,057	79,369	81,750	84,202
Commodities										
Subtotal: Administration - Other	\$ 1,265,340	\$ 1,967,540	\$ 2,094,314	\$ 2,195,833	\$ 2,302,332	\$ 2,414,057	\$ 2,531,267	\$ 2,654,233	\$ 2,783,239	\$ 2,918,584
Wells / Production										
Account										
Description										
Personnel	54,320									
Contractual - Electricity	410,000	422,300	440,459	459,399	477,775	496,886	516,761	537,431	558,929	581,286
Contractual - Equipment Maintenance	10,170	22,500	2,575	12,200	2,732	12,943	2,898	13,732	3,075	14,568
Contractual - Wheeling	30,800	32,000	34,016	35,479	36,898	38,374	39,909	41,505	43,165	44,892
Contractual - Other	116,700	127,630	131,459	135,403	139,465	143,649	147,958	152,397	156,969	161,678
Commodities	13,000	14,030	14,451	14,884	15,331	15,791	16,265	16,753	17,255	17,773
Subtotal: Wells / Production	\$ 634,990	\$ 618,460	\$ 622,960	\$ 657,365	\$ 672,200	\$ 707,642	\$ 723,791	\$ 761,818	\$ 779,393	\$ 820,196
Treatment										
Account										
Description										
Personnel	99,570									
Contractual	16,500	34,000	35,020	36,071	37,153	38,267	39,415	40,598	41,816	43,070
Commodities - Chemicals	87,100	90,000	93,870	97,906	101,823	105,896	110,131	114,537	119,118	123,883
Commodities - Other	109,000	78,000	80,340	82,750	85,233	87,790	90,423	93,136	95,930	98,808
Subtotal: Treatment	\$ 312,170	\$ 202,000	\$ 209,230	\$ 216,727	\$ 224,208	\$ 231,953	\$ 239,970	\$ 248,271	\$ 256,864	\$ 265,761
Booster Stations										
Account										
Description										
Personnel	18,120									
Contractual - Electricity	179,400	175,100	182,629	190,482	198,102	206,026	214,267	222,837	231,751	241,021
Contractual - Equipment Maintenance	3,330	500	3,698	530	3,923	563	4,162	597	4,415	633
Contractual - Other	2,000	4,000	4,120	4,244	4,371	4,502	4,637	4,776	4,919	5,067
Commodities	3,640	3,810	3,924	4,042	4,163	4,288	4,417	4,549	4,686	4,826
Subtotal: Booster Stations	\$ 206,490	\$ 183,410	\$ 194,371	\$ 199,298	\$ 210,559	\$ 215,379	\$ 227,482	\$ 232,760	\$ 245,771	\$ 251,548



**Sammamish Plateau Water
Water & Sewer Rate Model
Forecast of Water (420) Expenses**

Operating Expense Projections (Continued)

2018 2019 2020 2021 2022 2023 2024 2025 2026 2027

Account	Description	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Storage											
Escalator	Personnel	4,100	-	-	-	-	-	-	-	-	-
	Contractual - Electricity	120	130	136	141	147	153	159	165	172	179
	Contractual - Other	2,700	6,500	6,695	6,896	7,103	7,316	7,535	7,761	7,994	8,234
	Commodities	4,540	2,400	2,472	2,546	2,623	2,701	2,782	2,866	2,952	3,040
Subtotal: Storage		11,460	9,030	9,303	9,583	9,872	10,170	10,477	10,793	11,118	11,463
Water Mains / Appurtenances											
Escalator	Personnel	226,260	-	-	-	-	-	-	-	-	-
	Contractual - Other	84,000	100,050	103,052	106,143	109,327	112,607	115,985	119,465	123,049	126,740
	Commodities	95,300	114,500	117,935	121,473	125,117	128,871	132,737	136,719	140,821	145,045
	Subtotal: Water Mains / Appurtenances		405,560	214,550	220,987	227,616	234,445	241,478	248,722	256,184	263,869
Meters											
Escalator	Personnel	72,420	-	-	-	-	-	-	-	-	-
	Contractual	3,000	6,000	6,180	6,365	6,556	6,753	6,956	7,164	7,379	7,601
	Commodities	2,700	2,000	2,060	2,122	2,185	2,251	2,319	2,388	2,460	2,534
	Subtotal: Meters		78,120	8,000	8,240	8,487	8,742	9,004	9,274	9,552	9,839
SCADA											
Escalator	Personnel	54,310	57,000	59,850	62,843	65,985	69,284	72,748	76,385	80,205	84,215
	Contractual	27,860	29,600	30,488	31,403	32,345	33,315	34,315	35,344	36,404	37,496
	Commodities	7,700	7,300	7,519	7,745	7,977	8,216	8,463	8,717	8,978	9,247
	Subtotal: SCADA		89,870	93,900	97,857	101,990	106,306	110,815	115,525	120,446	125,587
Building & Grounds											
Escalator	Personnel	-	-	-	-	-	-	-	-	-	-
	Contractual	-	-	-	-	-	-	-	-	-	-
	Commodities	-	-	-	-	-	-	-	-	-	-
	Subtotal: Building & Grounds		-	-	-	-	-	-	-	-	-

**Sammamish Plateau Water
Water & Sewer Rate Model
Forecast of Sewer (430) Expenses**



Summary of Sewer Operating Expense Projections

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Sewer										
Administration - King County	\$ 8,067,000	\$ 8,530,600	\$ 9,034,976	\$ 9,622,280	\$ 9,718,503	\$ 10,037,262	\$ 10,367,591	\$ 10,782,294	\$ 11,213,586	\$ 11,662,129
Administration - Other	862,270	1,162,230	1,246,694	1,306,771	1,369,785	1,435,879	1,505,207	1,577,927	1,654,206	1,734,221
Lift Stations	341,210	247,120	278,100	267,037	299,523	287,367	321,994	309,267	346,179	332,859
Sewer Mains / Appurtenances	154,970	84,000	86,520	89,116	91,789	94,543	97,379	100,300	103,309	106,409
Grinder Pumps	86,900	52,900	54,075	55,697	57,368	59,089	60,862	62,688	64,568	66,505
SCADA	84,110	91,100	94,973	99,019	103,247	107,664	112,279	117,103	122,143	127,412
Building & Grounds										
Total	\$ 9,596,460	\$ 10,167,550	\$ 10,795,338	\$ 11,439,920	\$ 11,640,214	\$ 12,021,804	\$ 12,465,312	\$ 12,949,578	\$ 13,503,992	\$ 14,029,536

Operating Expense Projections

Account	Description	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Administration - King County											
	King County Metro Charges	\$ 8,067,000	\$ 8,530,600	\$ 9,034,976	\$ 9,622,280	\$ 9,718,503	\$ 10,037,262	\$ 10,367,591	\$ 10,782,294	\$ 11,213,586	\$ 11,662,129
Administration - Other											
	Escalator										
	Labor Cost Inflation	\$ 793,460	\$ 1,079,840	\$ 1,133,832	\$ 1,190,524	\$ 1,250,050	\$ 1,312,552	\$ 1,378,180	\$ 1,447,089	\$ 1,519,443	\$ 1,595,415
	General Cost Inflation	1,250	2,000	30,060	30,962	31,891	32,847	33,833	34,848	35,893	36,970
	Contractual - Maintenance Agreements	26,840	41,800	43,054	44,346	45,676	47,046	48,458	49,911	51,409	52,951
	Contractual - Other	40,720	38,590	39,748	40,940	42,168	43,433	44,736	46,078	47,461	48,885
	Commodities										
	General Cost Inflation										
Subtotal: Administration - Other		\$ 862,270	\$ 1,162,230	\$ 1,246,694	\$ 1,306,771	\$ 1,369,785	\$ 1,435,879	\$ 1,505,207	\$ 1,577,927	\$ 1,654,206	\$ 1,734,221

Account	Description	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Lift Stations											
	Escalator										
	Labor Cost Inflation	\$ 87,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Water Demand Growth + Inflation	109,830	115,620	120,592	125,777	130,808	136,041	141,482	147,141	153,027	159,148
	General Cost Inflation	20,000	-	21,218	-	22,510	-	23,881	-	25,335	-
	Contractual - Electricity	11,840	14,000	14,420	14,853	15,298	15,757	16,230	16,717	17,218	17,735
	Contractual - Other	64,140	65,000	67,795	70,710	73,539	76,480	79,539	82,721	86,030	89,471
	Commodities - Chemicals	48,260	52,900	54,075	55,697	57,368	59,089	60,862	62,688	64,568	66,505
	Commodities - Other										
	General Cost Inflation										
Subtotal: Lift Stations		\$ 341,210	\$ 247,120	\$ 278,100	\$ 267,037	\$ 299,523	\$ 287,367	\$ 321,994	\$ 309,267	\$ 346,179	\$ 332,859

Account	Description	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Sewer Mains / Appurtenances											
	Escalator										
	Labor Cost Inflation	\$ 100,910	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	General Cost Inflation	27,030	42,000	43,260	44,558	45,895	47,271	48,690	50,150	51,655	53,204
	General Cost Inflation	27,030	42,000	43,260	44,558	45,895	47,271	48,690	50,150	51,655	53,204
Subtotal: Sewer Mains / Appurtenances		\$ 154,970	\$ 84,000	\$ 86,520	\$ 89,116	\$ 91,789	\$ 94,543	\$ 97,379	\$ 100,300	\$ 103,309	\$ 106,409

Account	Description	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Grinder Pumps											
	Escalator										
	Labor Cost Inflation	\$ 45,870	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	General Cost Inflation	4,100	10,000	10,300	10,609	10,927	11,255	11,593	11,941	12,299	12,668
	General Cost Inflation	36,930	42,500	43,775	45,088	46,441	47,834	49,269	50,747	52,270	53,838
	Commodities										
Subtotal: Grinder Pumps		\$ 86,900	\$ 52,900	\$ 54,075	\$ 55,697	\$ 57,368	\$ 59,089	\$ 60,862	\$ 62,688	\$ 64,568	\$ 66,505

Account	Description	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
SCADA											
	Escalator										
	Labor Cost Inflation	\$ 54,310	\$ 57,000	\$ 59,850	\$ 62,843	\$ 65,985	\$ 69,284	\$ 72,748	\$ 76,385	\$ 80,205	\$ 84,215
	General Cost Inflation	22,100	26,800	27,604	28,432	29,285	30,164	31,069	32,001	32,961	33,949
	General Cost Inflation	7,700	7,300	7,519	7,745	7,977	8,216	8,463	8,717	8,978	9,247
	Commodities										
Subtotal: SCADA		\$ 84,110	\$ 91,100	\$ 94,973	\$ 99,019	\$ 103,247	\$ 107,664	\$ 112,279	\$ 117,103	\$ 122,143	\$ 127,412

Account	Description	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Building & Grounds											
	Escalator										
	Labor Cost Inflation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	General Cost Inflation	-	-	-	-	-	-	-	-	-	-
	General Cost Inflation	-	-	-	-	-	-	-	-	-	-
Subtotal: Building & Grounds		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Sammamish Plateau Water
Water & Sewer Rate Model
Forecast of Engineering (440) Expenses**



Summary of Engineering Operating Expense Projections

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water										
Administration (Water Only)	\$ 372,425	\$ 402,910	\$ 422,474	\$ 442,998	\$ 464,530	\$ 487,121	\$ 510,822	\$ 535,688	\$ 561,778	\$ 589,151
Administration (Sewer Only)	-	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800
Water Development Services	167,100	180,680	189,714	199,200	209,160	219,618	230,599	242,128	254,235	266,947
Water Capital Improvement Planning	97,510	113,860	119,553	125,531	131,807	138,398	145,317	152,583	160,212	168,223
Sewer Development Services	-	-	-	-	-	-	-	-	-	-
Sewer Capital Improvement Planning	-	-	-	-	-	-	-	-	-	-
Total	\$ 637,035	\$ 700,450	\$ 734,831	\$ 770,911	\$ 808,775	\$ 846,512	\$ 890,215	\$ 933,982	\$ 979,915	\$ 1,028,121
Sewer										
Administration (Water Only)	\$ 372,425	\$ 402,910	\$ 422,474	\$ 442,998	\$ 464,530	\$ 487,121	\$ 510,822	\$ 535,688	\$ 561,778	\$ 589,151
Administration (Sewer Only)	-	-	-	-	-	-	-	-	-	-
Water Development Services	-	-	-	-	-	-	-	-	-	-
Water Capital Improvement Planning	164,660	180,680	189,714	199,200	209,160	219,618	230,599	242,128	254,235	266,947
Sewer Development Services	39,350	53,560	56,238	59,050	62,002	65,103	68,358	71,776	75,364	79,133
Sewer Capital Improvement Planning	576,435	637,150	668,426	701,247	735,692	771,841	809,778	849,592	891,377	935,230
Total	\$ 1,112,470	\$ 1,223,680	\$ 1,266,912	\$ 1,311,495	\$ 1,352,482	\$ 1,399,040	\$ 1,451,578	\$ 1,509,284	\$ 1,572,684	\$ 1,641,511
Operating Expense Projections										
Administration										
Account	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
Escalator										
Labor Cost Inflation	\$ 703,450	\$ 747,020	\$ 785,001	\$ 824,251	\$ 865,464	\$ 908,737	\$ 954,174	\$ 1,001,882	\$ 1,051,976	\$ 1,104,575
General Cost Inflation	26,700	37,600	38,790	39,953	41,152	42,387	43,658	44,968	46,317	47,707
Commodities	14,700	20,540	21,156	21,791	22,445	23,118	23,811	24,526	25,262	26,019
Subtotal: Administration	\$ 744,850	\$ 805,220	\$ 844,947	\$ 885,995	\$ 929,060	\$ 974,241	\$ 1,021,643	\$ 1,071,376	\$ 1,123,555	\$ 1,178,301
Water Share	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Administration (Water Only)										
Account	-	-	-	-	-	-	-	-	-	-
Escalator										
Labor Cost Inflation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Cost Inflation	-	3,000	3,090	3,183	3,278	3,377	3,478	3,582	3,690	3,800
Commodities	-	-	-	-	-	-	-	-	-	-
Subtotal: Administration (Water Only)	\$ -	\$ 3,000	\$ 3,090	\$ 3,183	\$ 3,278	\$ 3,377	\$ 3,478	\$ 3,582	\$ 3,690	\$ 3,800
Water Share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Administration (Sewer Only)										
Account	-	-	-	-	-	-	-	-	-	-
Escalator										
Labor Cost Inflation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
General Cost Inflation	-	-	-	-	-	-	-	-	-	-
Commodities	-	-	-	-	-	-	-	-	-	-
Subtotal: Administration (Sewer Only)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water Share	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Water Development Services										
Account	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Escalator										
Labor Cost Inflation	\$ 167,100	\$ 180,680	\$ 189,714	\$ 199,200	\$ 209,160	\$ 219,618	\$ 230,599	\$ 242,128	\$ 254,235	\$ 266,947
General Cost Inflation	-	-	-	-	-	-	-	-	-	-
Commodities	-	-	-	-	-	-	-	-	-	-
Subtotal: Water Development Services	\$ 167,100	\$ 180,680	\$ 189,714	\$ 199,200	\$ 209,160	\$ 219,618	\$ 230,599	\$ 242,128	\$ 254,235	\$ 266,947
Water Share	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Water Capital Improvement Planning										
Account	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Escalator										
Labor Cost Inflation	\$ 97,510	\$ 113,860	\$ 119,553	\$ 125,531	\$ 131,807	\$ 138,398	\$ 145,317	\$ 152,583	\$ 160,212	\$ 168,223
General Cost Inflation	-	-	-	-	-	-	-	-	-	-
Commodities	-	-	-	-	-	-	-	-	-	-
Subtotal: Water Capital Improvement Planning	\$ 97,510	\$ 113,860	\$ 119,553	\$ 125,531	\$ 131,807	\$ 138,398	\$ 145,317	\$ 152,583	\$ 160,212	\$ 168,223
Water Share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Sewer Development Services										
Account	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Escalator										
Labor Cost Inflation	\$ 164,660	\$ 180,680	\$ 189,714	\$ 199,200	\$ 209,160	\$ 219,618	\$ 230,599	\$ 242,128	\$ 254,235	\$ 266,947
General Cost Inflation	-	-	-	-	-	-	-	-	-	-
Commodities	-	-	-	-	-	-	-	-	-	-
Subtotal: Sewer Development Services	\$ 164,660	\$ 180,680	\$ 189,714	\$ 199,200	\$ 209,160	\$ 219,618	\$ 230,599	\$ 242,128	\$ 254,235	\$ 266,947
Water Share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Sewer Capital Improvement Planning										
Account	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Escalator										
Labor Cost Inflation	\$ 39,350	\$ 53,560	\$ 56,238	\$ 59,050	\$ 62,002	\$ 65,103	\$ 68,358	\$ 71,776	\$ 75,364	\$ 79,133
General Cost Inflation	-	-	-	-	-	-	-	-	-	-
Commodities	-	-	-	-	-	-	-	-	-	-
Subtotal: Sewer Capital Improvement Planning	\$ 39,350	\$ 53,560	\$ 56,238	\$ 59,050	\$ 62,002	\$ 65,103	\$ 68,358	\$ 71,776	\$ 75,364	\$ 79,133
Water Share	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Capital Program (Current Dollars)

		2018 Dollars														
Project ID	Description	Water Share	Total Cost (Current Dollars)	Cost by Year (Current Dollars)												
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027			
Water Operating Fund - General																
C-1	District Headquarters Maintenance Program	100.00%	\$ 683,835	\$ 30,000	\$ 113,835	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
C-2	Enterprise Level System Replacement Program	100.00%	\$ 765,000	\$ 15,000		\$ 120,000										\$ 45,000
C-3	Computerized Maintenance Management System	100.00%	\$ 201,000	\$ 201,000												\$ 45,000
C-4	District Headquarters Communications Rewiring	100.00%	\$ 96,000	\$ 96,000												
C-5	Miscellaneous Capital Projects	100.00%	\$ 1,235,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000
C-6	Security Improvements	100.00%	\$ 144,570	\$ 18,000	\$ 15,296	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 26,400	\$ 32,074					
C-7	Vehicles and Large Equipment (General)	100.00%	\$ 169,500	\$ 169,500	\$ 20,400	\$ 20,400	\$ 34,800	\$ 3,900								\$ 18,000
C-8	District Headquarters Facility Expansion	100.00%	\$ 390,000	\$ 390,000												\$ 24,000
G-1	AMR/AMI	100.00%	\$ 31,284	\$ 31,284												
G-2	Smart Water Infrastructure	100.00%	\$ 400,000	\$ 400,000												
G-3	Vehicles and Large Equipment (Water)	100.00%	\$ 2,052,463	\$ 100,000	\$ 290,963	\$ 431,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 103,000
G-4	Water Hydraulic Model	100.00%	\$ 39,085	\$ 39,085	\$ 14,000											
G-6	550 Zone Study (Conversion to Blended Supply)	100.00%	\$ 30,000													
G-7	700 SH Zone Study (Conversion to 550 & 590 Zones)	100.00%	\$ 30,000													
Water Operating Fund - Supply																
W-1	Well 9 Pump and Motor Upgrade for Wells 7, 8 and 9 Well Field	100.00%	\$ 82,500													
W-3	Well 13 Pump Enclosure	100.00%	\$ 281,400	\$ 14,000	\$ 267,400											\$ 82,500
Water Operating Fund - Booster Pumps																
BP-1	SE 43rd Booster Pump Station Rehabilitation	100.00%	\$ 3,000,000													
BP-2	New 297 Booster Pump	100.00%	\$ 29,247	\$ 29,247												
Water Operating Fund - Storage / Reservoirs																
ST-1	Reservoir Safety Improvements	100.00%	\$ 280,000	\$ 51,064	\$ 228,936											\$ 511,000
ST-4	Section 36 East Tank Interior Coating	100.00%	\$ 511,000													
ST-5	Section 36 East Tank Exterior Top Coating (2030)	100.00%	\$ 266,000													
ST-6	Section 36 West Tank Exterior Top Coating and Interior (2030)	100.00%	\$ 770,000													
ST-7	Section 36 East Tank Exterior and Interior Replace Coating (2030)	100.00%	\$ -													
ST-8	Section 36 West Tank Exterior Replace Coating (2040)	100.00%	\$ -													
ST-9	2 MG Tank Interior and Exterior Coating	100.00%	\$ 1,115,100	\$ 35,000	\$ 1,080,100											
ST-10	2 MG Tank Improvements	100.00%	\$ 1,217,300	\$ 140,000	\$ 1,077,300											
ST-13	7 MG & 297 Tank Seismic Retrofit	100.00%	\$ 1,279,386	\$ 269,045	\$ 1,010,341											
ST-14	7 MG Tank Exterior Coating	100.00%	\$ 686,000	\$ 686,000												\$ 686,000
ST-15	7 MG Interior Coating	100.00%	\$ 532,000													\$ 532,000
ST-16	7 MG Exterior Coating (2035)	100.00%	\$ 542,500													\$ 427,000
ST-17	297 Tank Coating (exterior top coat, interior replace)	100.00%	\$ 427,000													\$ 427,000
ST-18	297 Tank Coating (2035 exterior replace coating)	100.00%	\$ 297,500													\$ 175,000
ST-19	Well 12 Tank Top Coating and Interior	100.00%	\$ 175,000													\$ 175,000
ST-20	Well 12 Tank Replace Exterior Coating (2037)	100.00%	\$ 150,500													\$ 175,000
ST-21	Well 12 Reclaim Tank Replace Interior and Exterior Coating (2037)	100.00%	\$ 91,000													\$ 175,000
Water Operating Fund - Water Mains																
M-1	Zackuse Creek Fish Passage Culvert Main Replacement - 8"	100.00%	\$ 25,001	\$ 20,491	\$ 4,510											
FF-2	212th Ave NE from NE 14th to NE 16th AC Replacement - 8"	100.00%	\$ 241,000													
FF-3	NE 11th St and 209th Ave Replacement - 8"	100.00%	\$ 669,000													
FF-7	Sammamish Town Center SE 4th St Replacement - 12"	100.00%	\$ 238,610	\$ 1,040	\$ 237,570											
FF-9	SE 14th St Main Connection - 8"	100.00%	\$ 322,000													

Sammamish Plateau Water
Water & Sewer Rate Model
Capital Program



Capital Program (Current Dollars)

Project ID	Description	2018 Dollars													
		Water Share	Total Cost (Current Dollars)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027		
FF-11	Waverly Hills PRV Addition and Main Replacement - 8"	100.00%	\$ 2,633,000												
FF-13	Overdale 232nd Ave SE and SE 54th Pl Fire Flow Connection - 8"	100.00%	\$ 835,000												
FF-15	NE 70th St Replacement - 12"	100.00%	\$ 1,488,560												
FF-17	NE 45th St/268th Ave NE Connection - 8"	100.00%	\$ 1,251,000												
FF-18	NE 45th St/272nd Ave NE Replacement - 8"	100.00%	\$ 301,000												
R-6	NE 15th St from 207th Pl NE to 208th NE Connection - 8"	100.00%	\$ 34,750											\$ 34,750	
R-9	NE 8th St Replacement - 8"	100.00%	\$ 157,320												
R-11	236th Ct NE Connection - 8"	100.00%	\$ 206,000												
R-16	243rd Ave NE Connection - 8"	100.00%	\$ 76,000												
R-25	NE 2nd Ct Connection - 8"	100.00%	\$ 255,000												
R-51	251st Ave SE to West Beaver Lake Dr SE Connection - 8"	100.00%	\$ 323,000												
R-54	SE 28th Pl Connection - 8"	100.00%	\$ 269,000												
R-59	239th Ave SE Connection - 8"	100.00%	\$ 474,000												
R-64	229th Pl SE Connection - 8"	100.00%	\$ 134,620			\$ 134,620									
R-69	University House/Timbers Connection - 8"	100.00%	\$ 123,000												
R-74	245th Ave NE Connection - 8"	100.00%	\$ 322,000												
R-75	NE 47th Pl and 254th Ave NE Connection - 8"	100.00%	\$ 771,000												
DE/CIP	212th Way SE Road Improvements - Water	100.00%	\$ 170	\$ 170											
DE/CIP	221st Place SE Water Main Replacement	100.00%	\$ 150,698	\$ 150,698											
DE/CIP	SE 62nd & 221st Pl SE Water and Sewer Replacement	100.00%	\$ 118,448	\$ 118,448											
Water Capital Replacement Fund - Supply															
W-1	Well 9 Pump and Motor Upgrade for Wells 7, 8, and 9 Well Field	100.00%	\$ 385,000			\$ 385,000									
Water Capital Replacement Fund - Water Mains															
FF-4	North Inglewood Pressure Zone Modification	100.00%	\$ 471,590	\$ 30,000	\$ 441,590										
FF-7	Sammamish Town Center SE 4th St Replacement - 12"	100.00%	\$ 45,887	\$ 200	\$ 45,687										
DE/CIP	Inglewood Hill Rd at 211th Pl NE Water Main Replacement - 8"	100.00%	\$ 28,750	\$ 28,750											
Water GFC Fund - General															
C-8	District Headquarters Facility Expansion	100.00%	\$ 910,000		\$ 35,000									\$ 875,000	
G-4	Water Hydraulic Model	100.00%	\$ 16,751	\$ 10,751	\$ 6,000										
G-5	Water Comprehensive Plan	100.00%	\$ 798,560	\$ 263,000	\$ 35,560										
Water GFC Fund - Supply															
W-1	Well 9 Pump and Motor Upgrade for Wells 7, 8, and 9 Well Field	100.00%	\$ -												
W-2	Well 9 PFC Treatment	100.00%	\$ 82,500		\$ 82,500										
W-3	Well 13 Pump Enclosure	100.00%	\$ 4,881,000	\$ 6,000	\$ 114,600									\$ 4,881,000	
Water GFC Fund - Booster Pumps															
BP-2	New 297 Booster Pump	100.00%	\$ 12,534	\$ 12,534											
n/a	Well 9 to 650 Zone Booster Pump Station (see Project M-8)	100.00%	\$ -												
n/a	2 MG Booster Pump Station (see Project ST-11)	100.00%	\$ -												
Water GFC Fund - Storage / Reservoirs															
ST-1	Reservoir Safety Improvements	100.00%	\$ 120,000	\$ 21,884	\$ 98,116										
ST-2	3 MG Tank Replace Interior Coating and Exterior Top Coating	100.00%	\$ 126,000											\$ 126,000	
ST-3	3 MG Tank Replace Exterior Coating (2035)	100.00%	\$ 82,500												
ST-4	Section 36 East Tank Interior Coating	100.00%	\$ 219,000											\$ 219,000	

Capital Program (Current Dollars)

Project ID	Description	2018 Dollars														
		Water Share	Total Cost (Current Dollars)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027			
ST-5	Section 36 East Tank Exterior Top Coating (2030)	100.00%	\$ 114,000													
ST-6	Section 36 West Tank Exterior Top Coating and Interior (2030)	100.00%	\$ 330,000													
ST-7	Section 36 East Tank Exterior and Interior Replace Coating (2030)	100.00%	\$ -													
ST-8	Section 36 West Tank Exterior Replace Coating (2040)	100.00%	\$ -													
ST-9	2 MG Tank Interior and Exterior Coating	100.00%	\$ 477,900	\$ 15,000	\$ 462,900											
ST-10	2 MG Tank Improvements	100.00%	\$ 521,700	\$ 60,000	\$ 461,700											
ST-11	2 MG Booster Pump Station	100.00%	\$ 475,000													\$ 475,000
ST-12	10 MG Reservoir (Future)	100.00%	\$ -													
ST-14	7 MG Tank Exterior Coating	100.00%	\$ 294,000		\$ 294,000											
ST-15	7 MG Interior Coating	100.00%	\$ 228,000													
ST-16	7 MG Exterior Coating (2035)	100.00%	\$ 232,500													
ST-17	297 Tank Coating (exterior top coat, interior replace)	100.00%	\$ 183,000													
ST-18	297 Tank Coating (2035 exterior Replace coating)	100.00%	\$ 127,500													
ST-19	Well 12 Tank Top Coating and Interior	100.00%	\$ 75,000													
ST-20	Well 12 Tank Replace Exterior Coating (2037)	100.00%	\$ 64,500													
ST-21	Well 12 Reclaim Tank Replace Interior and Exterior Coating (2037)	100.00%	\$ 39,000													
Water GFC Fund - Water Mains																
M-2	216th Ave SE and Main Street Replacement - 8" & 12"	100.00%	\$ 87,890													
M-3	Main Street from 216th to 218th Replacement (Flynn 218th St)	100.00%	\$ 34,000	\$ 34,000												
M-4	SE 8th from 212th to 218th Ave SE Replacement - 12"	100.00%	\$ 185,300		\$ 123,760											
M-5	228th Avenue SE 24" Transmission Main/Replacement	100.00%	\$ 934,000													\$ 934,000
M-6	Sorrento Estates 24" Transmission Main	100.00%	\$ 726,360	\$ 84,467	\$ 726,360											
M-7	Issaquah Fall City Rd 16" Transmission Main/Replacement	100.00%	\$ 649,814	\$ 84,467	\$ 565,347											
M-8	Well 9 to 650 Zone 16" Transmission Main and Booster Pump	100.00%	\$ 7,050,000	\$ 50,000	\$ 50,000											\$ 200,000
M-9	Redmond-Fall City Rd/Ames Lake Rd 8" 12" Transmission Main	100.00%	\$ 3,911,000													
FF-5	216th Ave NE PRV Addition	100.00%	\$ 217,000													
FF-7	Sammamish Town Center SE 4th St Replacement - 12"	100.00%	\$ 55,064	\$ 240	\$ 54,824											\$ 217,000
FF-10	SE 16th St PRV Addition and SE 17th St Main Connection - 8"	100.00%	\$ 141,700													
FF-14	NE 80th St Connection - 12"	100.00%	\$ 218,110													
FF-15	NE 70th St Replacement - 12"	100.00%	\$ 243,440													
R-5	207th Ave NE PRV Addition	100.00%	\$ 217,000													
R-7	East Sammamish Park Connection - 12"	100.00%	\$ 104,040													
R-10	212th Ave NE PRV Addition	100.00%	\$ 217,000													
R-12	NE 14th St Connection - 12"	100.00%	\$ 46,580													
R-26	208th Ave SE PRV Addition	100.00%	\$ 217,000													
R-33	SE 19th St and 193rd Ave SE Connection (8") and PRV Addition	100.00%	\$ 418,200													
R-52	SE 29th St to SE 24th Way Connection (8") and PRV Addition	100.00%	\$ 691,000													
R-66	East Lake Sammamish Center North Connection - 16"	100.00%	\$ 230,000													\$ 230,000
R-68	East Lake Sammamish Center South Connection - 16"	100.00%	\$ 489,000													\$ 489,000
R-70	Dawnbreaker Cascade Intertie/Connection - 8"	100.00%	\$ -													
R-76	NE 29th Pl Connection (8") and PRV Addition	100.00%	\$ 739,000													
DE/CIP	218th McCabe (aka Brixton) DEA - 12"	100.00%	\$ 21,250	\$ 21,250												
DE/CIP	SE 52nd @ 229th SE AC Water Main Replacement - 8"	100.00%	\$ 1,100	\$ 1,100												
DE/CIP	221st Pl SE Water Main Replacement - 12"	100.00%	\$ 150,698	\$ 150,698												
DE/CIP	SE 62nd & 221st Pl SE Water Replacement - 12"	100.00%	\$ 41,617	\$ 41,617												
Water LFC Fund - Water Mains																
M-2	216th Ave SE and Main Street Replacement - 8" & 12"	100.00%	\$ 429,110													

Capital Program (Current Dollars)

Project ID	Description	2018 Dollars											
		Water Share	Total Cost (Current Dollars)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
M-4	SE 8th from 212th to 218th Ave SE Replacement - 12"	100.00%	\$ 904,700	\$ 2,520	\$ 575,650	\$ 604,240						\$ 300,460	
FF-7	Sammamish Town Center SE 4th St Replacement - 12"	100.00%	\$ 578,170										
FF-10	SE 16th St PRV Addition and SE 17th St Main Connection - 8"	100.00%	\$ 403,300							\$ 403,300			
FF-14	NE 80th St Connection - 12"	100.00%	\$ 1,064,890						\$ 1,064,890				
R-6	NE 15th St from 207th Pl NE to 208th NE Connection - 8"	100.00%	\$ 104,250							\$ 104,250			
R-7	East Sammamish Park Connection - 12"	100.00%	\$ 507,960										\$ 507,960
R-12	NE 14th St Connection - 12"	100.00%	\$ 227,420										
DE/CIP	Inglewood Hill Rd at 211th Pl NE Water Main Replacement - 8"	100.00%	\$ 28,750	\$ 28,750				\$ 227,420					
Water DEA/UID													
M-3	Main Street from 216th to 218th Replacement (Flynn 218th St)	100.00%	\$ 166,000	\$ 166,000									
ST-2	3 MG Tank Replace Interior Coating and Exterior Top Coating	100.00%	\$ 420,000					\$ 420,000					
FF-1	NE 27th Pl/NE 29th St PRV Addition and Main Connection - 8"	100.00%	\$ 848,000										\$ 848,000
FF-6	SE 1st St/222nd Pl SE in Town Center and 228th Ave SE to Sar	100.00%	\$ 2,745,000			\$ 549,000	\$ 549,000	\$ 274,500	\$ 274,500	\$ 274,500	\$ 274,500	\$ 274,500	\$ 274,500
FF-8	Plateau Club Replacement - 12"	100.00%	\$ 53,000										
FF-12	Waverly Shores Connection - 8"	100.00%	\$ 356,000										
FF-16	NE Union Hill Rd and 266th Ave NE Connection - 8"	100.00%	\$ 1,156,000										
R-1	NE 25th St Connection 1 (NE 25th St Assemblage DEA) - 8"	100.00%	\$ 211,000			\$ 211,000							\$ 450,000
R-2	NE 25th St Connection 2 - 8"	100.00%	\$ 450,000										
R-3	NE 24th St Connection (Cedar Hill DEA) - 8"	100.00%	\$ 262,000			\$ 262,000							
R-4	NE 26th St Connection - 8"	100.00%	\$ 618,000										
R-8	NE 14th St from 212th to 216th NE Connection - 8"	100.00%	\$ -										
R-9	NE 8th St Replacement - 8"	100.00%	\$ 70,680										
R-13	238th Ave NE Connection - 8"	100.00%	\$ 228,000										\$ 228,000
R-14	240th Ave NE Replacement (NE 8th Assemblage DEA) - 8"	100.00%	\$ 521,000			\$ 521,000							
R-15	NE 4th St from 235th to 238th NE Connection - 8"	100.00%	\$ -										
R-17	NE 18th St Connection 1 (NE 18th Assemblage DEA) - 8"	100.00%	\$ 366,000										
R-18	NE 18th St Connection 2 - 8"	100.00%	\$ 228,000										
R-19	247th Pl NE from NE 18th to 20th Connection - 8"	100.00%	\$ 312,000							\$ 228,000			
R-20	245th Ave NE Connection (Atherton-Campbell 246th NE Plat D	100.00%	\$ 838,000										
R-21	NE 11th St to 250th Ave NE Connection - 8"	100.00%	\$ 748,000										
R-22	250th Ave NE from NE 14th to NE 18th Connection - 8"	100.00%	\$ 801,673										
R-23	254th Ave NE from NE 8th to NE 4th Connection - 8"	100.00%	\$ 681,000										
R-24	222nd Pl NE Connection - 8"	100.00%	\$ 121,000										
R-27	220th Ave NE Connection - 8"	100.00%	\$ 343,000							\$ 343,000			
R-28	Town Center NW Connections - 12"	100.00%	\$ 2,133,000			\$ 426,600	\$ 426,600	\$ 213,300	\$ 213,300	\$ 213,300	\$ 213,300	\$ 213,300	\$ 213,300
R-29	Town Center SW Connections - 12"	100.00%	\$ 2,194,000			\$ 438,800	\$ 438,800	\$ 219,400	\$ 219,400	\$ 219,400	\$ 219,400	\$ 219,400	\$ 219,400
R-30	Town Center SE Connections - 12"	100.00%	\$ 1,753,000			\$ 350,600	\$ 350,600	\$ 175,300	\$ 175,300	\$ 175,300	\$ 175,300	\$ 175,300	\$ 175,300
R-31	Future Town Center School Site Connection - 12"	100.00%	\$ 1,216,000										
R-32	Thirty Acres Park Connection - 8"	100.00%	\$ 794,000										
R-33	SE 19th St and 193rd Ave SE Connection (8") and PRV Addition	100.00%	\$ 601,800										
R-34	SE 12th St and 208th Ave SE Connection - 8"	100.00%	\$ 1,239,535										
R-35	SE 19th St and 205th Ave SE Connection - 8"	100.00%	\$ 270,000										
R-36	SE 20th St Connection - 8"	100.00%	\$ 168,000										
R-37	SE 24th St to 210th Pl SE Connection (Tridco SE 24th Short Pla	100.00%	\$ 292,000										
R-38	215th SE Connection - 8"	100.00%	\$ 265,000										
R-39	218th Ave SE Connection - 8"	100.00%	\$ 498,000			\$ 292,000							\$ 265,000
R-40	223rd Ave SE Connection (Lancaster 223rd DEA) - 8"	100.00%	\$ 474,000			\$ 474,000							
R-41	226th Ave SE Connection - 8"	100.00%	\$ 759,000										

Capital Program (Current Dollars)

2018 Dollars

Project ID	Description	Water Share	Total Cost (Current Dollars)	Cost by Year (Current Dollars)																
				2018	2019	2020	2021	2022	2023	2024	2025	2026	2027							
R-42	SE 22nd St Connection - 8"	100.00%	\$ 522,000																	
R-43	239th Pl SE Connection - 8"	100.00%	\$ 961,000																	
R-44	244th Ave SE Connection - 8"	100.00%	\$ 561,000																	
R-45	247th Ave to 248th Ave SE Connection - 8"	100.00%	\$ 191,000																	
R-46	SE 13th St Connection - 8"	100.00%	\$ 175,000																	
R-47	SE 17th St to SE 14th St Connection - 8"	100.00%	\$ 727,000																	
R-48	SE 17th St Connection (Yu SE 17th Short Plat DEA) - 8"	100.00%	\$ 62,000		\$ 62,000															
R-49	SE 20th Pl from 245th to 242nd Ave SE Connection - 8"	100.00%	\$ 409,000																	
R-50	246th Ave SE to SE 17th Pl Connection (Sammamish Highlands)	100.00%	\$ 151,000	\$ 151,000																
R-53	SE 29th St Connection - 8"	100.00%	\$ 662,000																	
R-55	SE 39th St Connection - 8"	100.00%	\$ 830,000																	
R-56	SE 29th Pl Connection - 8"	100.00%	\$ 363,000																	
R-57	221st Ave SE Connection - 8"	100.00%	\$ 386,000																	
R-58	SE 35th St Connection - 8"	100.00%	\$ 152,000																	
R-60	241st Ave SE Connection - 8"	100.00%	\$ 349,000																	
R-61	SE 25th St and SE Durhie Hill Rd Connections - 8"	100.00%	\$ 1,765,000																	
R-62	SE Issaquah-Fall City Rd Connection - 8"	100.00%	\$ 1,419,000																	
R-63	SE 48th St to SE 46th Alignment Connection (Hochanadel SE 4	100.00%	\$ 704,000				\$ 704,000													
R-65	240th Ave SE Connection - 8"	100.00%	\$ 101,000																	
R-67	229th Ave SE Connection - 8"	100.00%	\$ 380,000																	
R-71	250th and 252nd Ave NE from NE 80th to NE 85th St Connect	100.00%	\$ 2,697,000																	
R-72	248th Ave NE Connection - 8"	100.00%	\$ 587,000																	
R-73	254th Ave NE Connection - 8"	100.00%	\$ 1,113,000																	
R-77	NE 24th St Amesbury Connection - 8"	100.00%	\$ 936,000																	
DE/CIP	Inglewood JNT 2387 NE 15th Residence DEA - 8"	100.00%	\$ 88,000				\$ 88,000													
DE/CIP	16th Sammamish II - Shilam DEA - 8"	100.00%	\$ 108,000				\$ 108,000													
DE/CIP	Twins Ridge DEA - 8"	100.00%	\$ 698,000				\$ 698,000													
DE/CIP	Morningside Estates DEA - 8"	100.00%	\$ 358,000				\$ 358,000													
DE/CIP	Flynn 218th SE Plat DEA (onsite portion) - 8"	100.00%	\$ 150,000				\$ 150,000													
DE/CIP	218th McCabe (aka Brixton) DEA - 12"	100.00%	\$ 103,750				\$ 103,750													
DE/CIP	Hennessey 222nd SE Short Plat & 218th McCabe (aka Brixton	100.00%	\$ 496,000				\$ 496,000													
DE/CIP	Village at Sammamish Town Center DEA - 12"	100.00%	\$ 680,000				\$ 680,000													
DE/CIP	Town Center Plateau 120 Apartments DEA - 12"	100.00%	\$ 414,000				\$ 414,000													
DE/CIP	Coffman 222nd NE Short Plat DEA - 8"	100.00%	\$ 231,000				\$ 231,000													
DE/CIP	Reynolds SE 8th Short Plat DEA - 8"	100.00%	\$ 121,000				\$ 121,000													
DE/CIP	Richter SE 14th Plat DEA - 8"	100.00%	\$ 179,000				\$ 179,000													
DE/CIP	Sammamish Highlands on 248th DEA - 8"	100.00%	\$ 301,000				\$ 301,000													
DE/CIP	Penny Lane South DEA - 8"	100.00%	\$ 426,000				\$ 426,000													
DE/CIP	223rd Mullen-Warren Assemblage DEA - 8"	100.00%	\$ 919,000				\$ 919,000													
DE/CIP	Providence Ridge DEA - 12"	100.00%	\$ 1,028,000				\$ 1,028,000													
DE/CIP	Taylor SE 20th Short Plat DEA - 8"	100.00%	\$ 123,000				\$ 123,000													
DE/CIP	Sienna Lane II DEA - 8"	100.00%	\$ 105,000				\$ 105,000													
DE/CIP	Sunnyhills Elementary School Replacement DEA - 12"	100.00%	\$ 733,000				\$ 733,000													
DE/CIP	Janvis Estates SW DEA - 8"	100.00%	\$ 458,000				\$ 458,000													
DE/CIP	Oxley SE 30th Short Plat DEA - 8"	100.00%	\$ 316,000				\$ 316,000													
DE/CIP	Irons-Hedberg Issaquah-Beaver Lake Rd Plat DEA - 8"	100.00%	\$ 398,000				\$ 398,000													
DE/CIP	201 Development 9081 Redmond Ridge Short Plat DEA - 8"	100.00%	\$ 1,064,000				\$ 1,064,000													
DE/CIP	Culbertson 252nd NE Plat DEA - 8"	100.00%	\$ 923,000				\$ 923,000													

Capital Program (Current Dollars)

Project ID	Description	2018 Dollars										
		Water Share	Total Cost (Current Dollars)	Cost by Year (Current Dollars)								
			2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Sewer Operating Fund - General												
	District Headquarters Maintenance Program	0.00%	\$ 255,890	\$ 20,000	\$ 75,890	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
	Enterprise Level System Replacement Program	0.00%	\$ 242,000	\$ 10,000	\$ 32,000	\$ 80,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
	Miscellaneous Capital Projects	0.00%	\$ 315,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
	Security Improvements	0.00%	\$ 57,398	\$ 12,000	\$ 10,198	\$ 17,600	\$ 17,600	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
	Vehicles and Large Equipment (General)	0.00%	\$ 87,600	\$ 13,600	\$ 30,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 16,000	\$ 12,000	\$ 16,000
	District Headquarters LED Lighting Upgrade	0.00%	\$ -	\$ -	\$ 134,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Computerized Maintenance Management System	0.00%	\$ 134,000	\$ 164,500	\$ 300,000	\$ 87,000	\$ 143,000	\$ -	\$ -	\$ -	\$ -	\$ -
	Vehicles and Large Equipment (Sewer)	0.00%	\$ 694,500	\$ 64,000	\$ 64,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	District Headquarters Communications Rewiring	0.00%	\$ 64,000	\$ 64,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	District Headquarters Facility Expansion	0.00%	\$ 390,000	\$ -	\$ 15,000	\$ -	\$ -	\$ 375,000	\$ -	\$ -	\$ -	\$ -
Sewer Operating Fund - Lift Stations												
	Freegard Lift Station Wetwell Coating and Overflow Tank	0.00%	\$ -	\$ -	\$ -	\$ 103,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Inglewood Lift Station Bypass	0.00%	\$ 116,000	\$ 1,776	\$ 12,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Control Structure Odor Control	0.00%	\$ 86,100	\$ -	\$ 10,500	\$ 75,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Operating Fund - Grinder Pumps												
	Grinder Pump Replacement Program	0.00%	\$ 800,000	\$ -	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000	\$ 160,000
Sewer Operating Fund - Sewer Mains												
	SE 62nd & 221st Pl SE Water and Sewer Replacement	0.00%	\$ 165,808	\$ 165,808	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Zackuse Creek Fish Passage	0.00%	\$ 25,000	\$ 20,491	\$ 4,509	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Capital Replacement Fund - Lift Stations												
	Central LS Pump 2 Upsize	0.00%	\$ 50,400	\$ 50,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer GFC Fund - General												
	District Headquarters Facility Expansion	0.00%	\$ 910,000	\$ -	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	East Lake Sammamish Sewer Capacity Project	0.00%	\$ 595,000	\$ 595,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Sewer Comprehensive Plan	0.00%	\$ 452,000	\$ 452,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer GFC Fund - Lift Stations												
	Central LS Pump 2 Upsize	0.00%	\$ 12,600	\$ 12,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Control Structure Odor Control	0.00%	\$ 200,900	\$ -	\$ 24,500	\$ 176,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Freegard Lift Station Wetwell Coating and Overflow Tank	0.00%	\$ 116,000	\$ 12,500	\$ -	\$ 103,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Inglewood Lift Station Bypass	0.00%	\$ 1,924	\$ 1,924	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer GFC Fund - Sewer Mains												
	Cedar Hill Dry Future Sewer	0.00%	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	SE 62nd & 221st Pl SE Water and Sewer Replacement	0.00%	\$ 58,257	\$ 58,257	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer LFC Fund - Sewer Mains												
	Cedar Hill Dry Future Sewer	0.00%	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Evergreen Ford Participation Agreement (Getting Sewer to We	0.00%	\$ 50,000	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	ULID S-22 SE 18th Sewer	0.00%	\$ 385,357	\$ 354,463	\$ 30,894	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Sammamish Towncenter SE 4th St Water and Sewer Main	0.00%	\$ 1,916,598	\$ 572,454	\$ 1,344,144	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total			\$ 122,977,375	\$ 13,742,754	\$ 12,056,219	\$ 7,214,400	\$ 5,837,420	\$ 2,048,800	\$ 9,194,574	\$ 4,556,500	\$ 1,729,500	\$ 5,358,500

**Sammamish Plateau Water
Water & Sewer Rate Model
Capital Cost Summary & Funding Strategy**

Capital Expenditures	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Projected Capital Expenditures:										
Water	\$ 12,248,082	\$ 8,711,984	\$ 6,747,800	\$ 4,922,820	\$ 1,817,800	\$ 7,729,574	\$ 4,471,500	\$ 2,974,000	\$ 1,632,500	\$ 5,257,500
Sewer	1,494,672	3,344,235	466,600	914,600	231,000	1,465,000	85,000	85,000	97,000	101,000
Total	\$ 13,742,754	\$ 12,056,219	\$ 7,214,400	\$ 5,837,420	\$ 2,048,800	\$ 9,194,574	\$ 4,556,500	\$ 3,059,000	\$ 1,729,500	\$ 5,358,500

Planned Use of Existing Debt Proceeds										
Water	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Net Capital Expenditures										
Water	\$ 12,248,082	\$ 8,711,984	\$ 6,747,800	\$ 4,922,820	\$ 1,817,800	\$ 7,729,574	\$ 4,471,500	\$ 2,974,000	\$ 1,632,500	\$ 5,257,500
Sewer	1,494,672	3,344,235	466,600	914,600	231,000	1,465,000	85,000	85,000	97,000	101,000
Total	\$ 13,742,754	\$ 12,056,219	\$ 7,214,400	\$ 5,837,420	\$ 2,048,800	\$ 9,194,574	\$ 4,556,500	\$ 3,059,000	\$ 1,729,500	\$ 5,358,500

Capital Funding Strategy	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Grants/Contributions	10,420,750	317,000	4,317,000	2,943,000	1,453,500	882,500	1,302,500	1,332,500	882,500	2,535,500
DEAs/ULIDs	31,270	575,650	604,240	-	-	227,420	1,064,890	507,550	300,460	428,427
Local Facilities Charge Fund	688,541	2,609,406	452,760	1,001,500	-	5,802,580	830,110	360,700	61,540	1,947,040
General Facilities Charge Fund	1,048,571	4,722,652	1,373,800	593,320	364,300	817,074	1,274,000	773,250	388,000	267,000
CP Fund	58,950	487,277	-	385,000	-	-	-	-	-	-
Capital Replacement Fund	-	-	-	-	-	-	-	-	-	-
Public Works Trust Fund Loans	-	-	-	-	-	-	-	-	-	-
Revenue Bonds	-	-	-	-	-	-	-	-	-	-
Total	\$ 12,248,082	\$ 8,711,984	\$ 6,747,800	\$ 4,922,820	\$ 1,817,800	\$ 7,729,574	\$ 4,471,500	\$ 2,974,000	\$ 1,632,500	\$ 5,177,967

Sewer:										
Grants/Contributions	976,917	1,425,038	-	-	-	-	-	-	-	-
DEAs/ULIDs	72,781	1,109,500	59,500	279,900	-	875,000	-	-	-	-
Local Facilities Charge Fund	394,575	809,697	407,100	634,700	231,000	590,000	85,000	85,000	97,000	101,000
General Facilities Charge Fund	50,400	-	-	-	-	-	-	-	-	-
CP Fund	-	-	-	-	-	-	-	-	-	-
Capital Replacement Fund	-	-	-	-	-	-	-	-	-	-
Public Works Trust Fund Loans	-	-	-	-	-	-	-	-	-	-
Revenue Bonds	-	-	-	-	-	-	-	-	-	-
Total	\$ 1,494,672	\$ 3,344,235	\$ 466,600	\$ 914,600	\$ 231,000	\$ 1,465,000	\$ 85,000	\$ 85,000	\$ 97,000	\$ 101,000

Sammamish Plateau Water
Water & Sewer Rate Model
Debt Service Schedules



Existing Debt Service - Debt Service Fund

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
2010 Revenue Bond - New Debt										
Water Utility Share of Debt Service:										
Principal Payments	\$ 75,000	\$ 75,000	\$ 75,000	\$ 80,000	\$ 85,000	\$ 85,000	\$ 90,000	\$ 95,000		
Interest Payments	27,075	24,825	22,575	19,575	15,975	12,150	8,325	4,275		
Total Payments	\$ 102,075	\$ 99,825	\$ 97,575	\$ 99,575	\$ 100,975	\$ 97,150	\$ 98,325	\$ 99,275		
Additional Coverage Required			\$ 24,394	\$ 24,894	\$ 25,244	\$ 24,288	\$ 24,581	\$ 24,819		
Use of Bond Reserve for Final Payments	\$ 25,519	\$ 24,956								

74.00%

1.25

2013 A & B Revenue Bonds (New Money)										
Water Utility Share of Debt Service:										
Principal Payments	\$ 225,000	\$ 230,000	\$ 240,000	\$ 245,000	\$ 255,000	\$ 260,000	\$ 270,000	\$ 275,000	\$ 285,000	\$ 295,000
Interest Payments	75,300	72,950	63,750	56,550	49,200	41,550	33,750	25,650	17,400	8,850
Total Payments	\$ 300,300	\$ 302,950	\$ 303,750	\$ 301,550	\$ 304,200	\$ 301,550	\$ 303,750	\$ 300,650	\$ 302,400	\$ 303,850
Additional Coverage Required										
Use of Bond Reserve for Final Payments	\$ 75,075	\$ 75,738	\$ 75,938	\$ 75,388	\$ 76,050	\$ 75,388	\$ 75,938	\$ 75,163	\$ 75,600	\$ 75,963

74.00%

1.25

2013 A & B Revenue Bonds (Refunding) - Water										
Water Utility Share of Debt Service:										
Principal Payments	\$ 1,501,813	\$ 1,518,954								
Interest Payments	72,678	56,151								
Total Payments	\$ 1,574,491	\$ 1,575,105								
Additional Coverage Required										
Use of Bond Reserve for Final Payments	\$ 393,623	\$ 393,776								

100.00%

1.25

2013 A & B Revenue Bonds (Refunding) - Sewer										
Water Utility Share of Debt Service:										
Principal Payments	\$ 1,093,187	\$ 1,106,046								
Interest Payments	59,172	48,849								
Total Payments	\$ 1,152,359	\$ 1,154,895								
Additional Coverage Required										
Use of Bond Reserve for Final Payments	\$ 288,090	\$ 288,724								

0.00%

1.25

Subtotal - Water										
Principal Payments	\$ 1,723,813	\$ 1,744,654	\$ 233,100	\$ 240,500	\$ 251,600	\$ 255,300	\$ 266,400	\$ 273,800	\$ 210,900	\$ 218,300
Interest Payments	148,435	128,505	63,881	56,333	48,230	39,738	31,136	22,145	12,876	6,549
Total Payments	\$ 1,872,249	\$ 1,873,158	\$ 296,981	\$ 296,833	\$ 299,830	\$ 295,038	\$ 297,536	\$ 295,945	\$ 223,776	\$ 224,849
Additional Coverage Required	\$ 468,062	\$ 468,290	\$ 74,245	\$ 74,208	\$ 74,957	\$ 73,760	\$ 74,384	\$ 73,986	\$ 55,944	\$ 56,212
Use of Bond Reserve for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal - Sewer										
Principal Payments	\$ 1,171,187	\$ 1,185,346	\$ 81,900	\$ 84,500	\$ 88,400	\$ 89,700	\$ 93,600	\$ 96,200	\$ 74,100	\$ 76,700
Interest Payments	85,790	74,270	22,445	19,793	16,946	13,962	10,940	7,781	4,524	2,301
Total Payments	\$ 1,256,976	\$ 1,259,617	\$ 104,345	\$ 104,293	\$ 105,346	\$ 103,662	\$ 104,540	\$ 103,981	\$ 78,624	\$ 79,001
Additional Coverage Required	\$ 314,244	\$ 314,904	\$ 26,086	\$ 26,073	\$ 26,336	\$ 25,916	\$ 26,135	\$ 25,995	\$ 19,656	\$ 19,750
Use of Bond Reserve for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Existing Debt Service - Overdale Debt Service Fund

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Overdale DWSRF Loan (DM12-952-111)										
Water Utility Share of Debt Service:										
Principal Payments	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724
Interest Payments	4,904	4,527	4,150	3,772	3,395	3,018	2,641	2,263	1,886	1,509
Total Payments	\$ 42,628	\$ 42,251	\$ 41,874	\$ 41,497	\$ 41,119	\$ 40,742	\$ 40,365	\$ 39,988	\$ 39,610	\$ 39,233
Additional Coverage Required	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Bond Reserve for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Subtotal - Water										
Principal Payments	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724
Interest Payments	4,904	4,527	4,150	3,772	3,395	3,018	2,641	2,263	1,886	1,509
Total Payments	\$ 42,628	\$ 42,251	\$ 41,874	\$ 41,497	\$ 41,119	\$ 40,742	\$ 40,365	\$ 39,988	\$ 39,610	\$ 39,233
Additional Coverage Required	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Bond Reserve for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Subtotal - Sewer										
Principal Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Payments	-	-	-	-	-	-	-	-	-	-
Total Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Coverage Required	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Bond Reserve for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

100.00%

1.00

Sammamish Plateau Water
Water & Sewer Rate Model
Debt Service Schedules



Existing Debt Service - PWTF Loans

PWTF Loan PW-00-691-048 (Well 2 Improvement) 100.00%

Water Utility Share of Debt Service:																								
Principal Payments	\$ 48,374	\$ 48,374																						
Interest Payments	967	484																						
Total Payments	\$ 49,342	\$ 48,858																						
Additional Coverage Required																								
Use of Bond Reserve for Final Payments																								

PWTF Loan PW-05-691-PRE-121 (Wells 4 & 11 Trmt) 100.00%

Water Utility Share of Debt Service:																								
Principal Payments	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197
Interest Payments	1,057	906	604	453	302	151																		
Total Payments	\$ 31,254	\$ 31,103	\$ 30,801	\$ 30,650	\$ 30,499	\$ 30,348																		
Additional Coverage Required																								
Use of Bond Reserve for Final Payments																								

PWTF Loan PW-06-962-036 (Wells 4 & 11 Treatment) 100.00%

Water Utility Share of Debt Service:																								
Principal Payments	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682
Interest Payments	6,187	5,414	3,867	3,094	2,320	1,547	773																	
Total Payments	\$ 160,869	\$ 160,096	\$ 158,549	\$ 157,775	\$ 157,002	\$ 156,229	\$ 155,455																	
Additional Coverage Required																								
Use of Bond Reserve for Final Payments																								

Subtotal - Water

Principal Payments	\$ 233,253	\$ 233,253	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879	\$ 184,879
Interest Payments	8,212	6,804	4,471	3,547	2,622	1,698	773																	
Total Payments	\$ 241,465	\$ 240,057	\$ 189,350	\$ 188,426	\$ 187,501	\$ 186,577	\$ 185,653																	
Additional Coverage Required																								
Use of Bond Reserve for Final Payments																								

Subtotal - Sewer

Principal Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Payments																								
Total Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Coverage Required																								
Use of Bond Reserve for Final Payments																								

New Debt Issuance

Allocation of Future Debt Issuance:

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water	60.00%	60.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Sewer	40.00%	40.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Total	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
Public Works Trust Fund Loans										
Amount Issued	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Bonds										
Net Proceeds Required	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Plus: Issuance Cost	-	-	-	-	-	-	-	-	-	-
Plus: Reserve Requirement	-	-	-	-	-	-	-	-	-	-
Total Amount Issued	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

New Debt Service

Public Works Trust Fund Loans										
Principal Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Payments	-	-	-	-	-	-	-	-	-	-
Total Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Bonds										
Principal Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Payments	-	-	-	-	-	-	-	-	-	-
Total Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Coverage Required	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Reserves for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
All New Debt										
Principal Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Payments	-	-	-	-	-	-	-	-	-	-
Total Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Coverage Required	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Use of Reserves for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Total Debt Service By Utility											
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
Water											
Existing Debt Service	\$ 2,156,342	\$ 2,155,467	\$ 529,129	\$ 527,679	\$ 529,375	\$ 523,282	\$ 524,477	\$ 491,387	\$ 263,386	\$ 264,082	
New Debt Service	-	-	-	-	-	-	-	-	-	-	
Total Payments	\$ 2,156,342	\$ 2,155,467	\$ 529,129	\$ 527,679	\$ 529,375	\$ 523,282	\$ 524,477	\$ 491,387	\$ 263,386	\$ 264,082	
Total Principal Payments	\$ 1,994,791	\$ 2,015,632	\$ 455,703	\$ 463,103	\$ 474,203	\$ 477,903	\$ 489,003	\$ 466,206	\$ 248,624	\$ 256,024	
Total Interest Payments	161,551	139,835	73,426	64,576	55,171	45,378	35,474	25,181	14,762	8,058	
Total Payments	\$ 2,156,342	\$ 2,155,467	\$ 529,129	\$ 527,679	\$ 529,375	\$ 523,282	\$ 524,477	\$ 491,387	\$ 263,386	\$ 264,082	
Debt Service Requiring Coverage	\$ 1,872,249	\$ 1,873,158	\$ 296,981	\$ 296,833	\$ 299,830	\$ 295,038	\$ 297,536	\$ 295,945	\$ 223,776	\$ 224,849	
Additional Coverage Required	\$ 468,062	\$ 468,290	\$ 74,245	\$ 74,208	\$ 74,957	\$ 73,760	\$ 74,384	\$ 73,986	\$ 55,944	\$ 56,212	
Use of Reserves for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Sewer											
Existing Debt Service	\$ 1,256,976	\$ 1,259,617	\$ 104,345	\$ 104,293	\$ 105,346	\$ 103,662	\$ 104,540	\$ 103,981	\$ 78,624	\$ 79,001	
New Debt Service	-	-	-	-	-	-	-	-	-	-	
Total Payments	\$ 1,256,976	\$ 1,259,617	\$ 104,345	\$ 104,293	\$ 105,346	\$ 103,662	\$ 104,540	\$ 103,981	\$ 78,624	\$ 79,001	
Total Principal Payments	\$ 1,171,187	\$ 1,185,346	\$ 81,900	\$ 84,500	\$ 88,400	\$ 89,700	\$ 93,600	\$ 96,200	\$ 74,100	\$ 76,700	
Total Interest Payments	85,790	74,270	22,445	19,793	16,946	13,962	10,940	7,781	4,524	2,301	
Total Payments	\$ 1,256,976	\$ 1,259,617	\$ 104,345	\$ 104,293	\$ 105,346	\$ 103,662	\$ 104,540	\$ 103,981	\$ 78,624	\$ 79,001	
Debt Service Requiring Coverage	\$ 1,256,976	\$ 1,259,617	\$ 104,345	\$ 104,293	\$ 105,346	\$ 103,662	\$ 104,540	\$ 103,981	\$ 78,624	\$ 79,001	
Additional Coverage Required	\$ 314,244	\$ 314,904	\$ 26,086	\$ 26,073	\$ 26,336	\$ 25,916	\$ 26,135	\$ 25,995	\$ 19,656	\$ 19,750	
Use of Reserves for Final Payments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

**Sammamish Plateau Water
Water & Sewer Rate Model
Revenue Requirement Analysis**

Cash Flow Sufficiency Test	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Expenses:										
Operating Expenses	\$ 8,174,652	\$ 9,148,662	\$ 9,536,918	\$ 10,116,924	\$ 10,642,913	\$ 11,207,785	\$ 11,826,564	\$ 12,414,578	\$ 13,106,318	\$ 13,743,618
Appropriations to Debt Service Fund	1,178,990	579,100	236,107	474,686	473,938	471,381	470,925	369,003	225,886	1,921
Appropriations to Capital Replacement Fund	5,600,910	5,925,500	7,069,000	7,302,000	7,543,000	7,792,000	8,049,000	8,315,000	8,589,000	8,872,000
Appropriations to CP Fund	1,105,127	4,782,782	1,436,862	659,459	433,667	889,828	1,350,308	853,288	471,951	355,057
Additions to Operating Fund	-	-	-	-	-	-	-	-	-	-
Total	\$ 16,059,679	\$ 20,436,043	\$ 18,278,887	\$ 18,553,068	\$ 19,093,518	\$ 20,360,994	\$ 21,696,797	\$ 21,951,869	\$ 22,393,155	\$ 22,972,597
Revenues:										
Water Rate Revenue at Existing Rates	\$ 15,548,340	\$ 14,886,818	\$ 15,080,300	\$ 15,276,298	\$ 15,429,026	\$ 15,583,280	\$ 15,739,078	\$ 15,896,433	\$ 16,055,362	\$ 16,215,880
Other Operating Revenues (Excluding Interest Earnings)	981,300	1,004,850	997,264	1,018,565	1,039,941	1,062,271	1,085,603	1,109,985	1,135,468	1,162,107
Operating Fund Interest Earnings	254,460	147,860	132,382	121,350	117,364	117,049	111,864	101,417	99,703	105,078
Appropriations from Overdale Debt Service Fund	34,160	34,160	34,160	34,160	34,160	34,160	34,160	34,160	34,160	34,160
Total	\$ 16,818,260	\$ 16,073,688	\$ 16,244,106	\$ 16,450,373	\$ 16,620,491	\$ 16,796,761	\$ 16,970,704	\$ 17,141,995	\$ 17,324,693	\$ 17,517,225
Net Cash Flow	\$ 758,581	\$ (4,362,356)	\$ (2,034,781)	\$ (2,102,695)	\$ (2,473,027)	\$ (3,564,233)	\$ (4,726,093)	\$ (4,809,874)	\$ (5,068,462)	\$ (5,455,371)
Sewer:										
Expenses:										
Operating Expenses	\$ 3,882,153	\$ 4,295,048	\$ 4,550,312	\$ 4,692,571	\$ 4,909,715	\$ 5,081,604	\$ 5,351,968	\$ 5,541,564	\$ 5,854,713	\$ 6,045,112
Metro Expenses	8,067,000	8,530,600	9,034,976	9,622,280	9,718,503	10,037,262	10,367,591	10,782,294	11,213,586	11,662,129
Appropriations to Debt Service Fund	-	-	427	51,488	51,611	51,178	51,337	38,851	38,818	-
Appropriations to Capital Replacement Fund	2,303,000	3,010,100	3,553,000	3,670,000	3,791,000	3,916,000	4,045,000	4,178,000	4,316,000	4,458,000
Appropriations to CP Fund	404,963	822,667	420,702	648,965	245,961	605,691	101,457	102,260	115,104	119,988
Additions to Operating Fund	-	-	-	-	-	-	-	-	-	-
Total	\$ 14,657,116	\$ 16,658,414	\$ 17,559,418	\$ 18,685,304	\$ 18,716,790	\$ 19,691,734	\$ 19,917,352	\$ 20,642,969	\$ 21,538,220	\$ 22,285,230
Revenues:										
Sewer Rate Revenue at Existing Rates	\$ 6,650,342	\$ 6,767,000	\$ 6,902,307	\$ 7,040,320	\$ 7,110,706	\$ 7,181,797	\$ 7,253,598	\$ 7,326,118	\$ 7,399,362	\$ 7,473,339
Metro Rate Revenue	8,476,380	8,857,820	9,034,976	9,622,280	9,718,503	10,037,262	10,367,591	10,782,294	11,213,586	11,662,129
Other Operating Revenues (Excluding Interest Earnings)	845,590	869,980	865,902	885,693	905,904	927,060	949,207	972,395	996,675	1,022,100
Operating Fund Interest Earnings	164,880	127,430	127,792	125,635	121,855	123,238	121,026	124,883	129,895	134,380
Appropriations from Overdale Debt Service Fund	-	-	-	-	-	-	-	-	-	-
Total	\$ 16,137,192	\$ 16,622,230	\$ 16,930,976	\$ 17,673,928	\$ 17,856,968	\$ 18,269,357	\$ 18,691,422	\$ 19,205,690	\$ 19,739,518	\$ 20,291,949
Net Cash Flow	\$ 1,480,076	\$ (36,185)	\$ (628,441)	\$ (1,011,376)	\$ (859,822)	\$ (1,422,378)	\$ (1,225,930)	\$ (1,437,279)	\$ (1,798,702)	\$ (1,993,281)

Coverage Sufficiency Test

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Water:										
Expenses:										
Operating Expenses	\$ 8,174,652	\$ 9,148,662	\$ 9,536,918	\$ 10,116,924	\$ 10,642,913	\$ 11,207,785	\$ 11,826,564	\$ 12,414,578	\$ 13,106,318	\$ 13,743,618
Excise Taxes	696,599	678,826	704,000	713,381	715,973	723,436	730,991	738,641	746,387	754,232
Debt Service Requiring Coverage	1,872,249	1,873,158	296,981	296,833	299,830	295,038	297,536	295,945	223,776	224,849
Additional Coverage Required	468,062	468,290	74,245	74,208	74,957	73,760	74,384	73,986	55,944	56,212
Total	\$ 11,211,562	\$ 12,168,936	\$ 10,612,144	\$ 11,201,346	\$ 11,733,673	\$ 12,300,018	\$ 12,929,475	\$ 13,523,150	\$ 14,132,426	\$ 14,778,911
Revenues:										
Water Rate Revenue at Existing Rates	\$ 15,548,340	\$ 14,886,818	\$ 15,080,300	\$ 15,276,298	\$ 15,429,026	\$ 15,583,280	\$ 15,739,078	\$ 15,896,433	\$ 16,055,362	\$ 16,215,880
Other Operating Revenues	981,300	1,004,850	997,264	1,018,565	1,039,941	1,062,271	1,085,603	1,109,985	1,135,468	1,162,107
GFC Revenues	588,050	175,000	1,376,757	1,394,655	1,086,758	1,097,625	1,108,602	1,119,688	1,130,885	1,142,193
Interest Earnings (All Funds)	749,840	685,850	618,986	704,252	799,747	916,580	957,882	1,049,476	1,166,468	1,302,940
Total	\$ 17,867,530	\$ 16,752,518	\$ 18,073,307	\$ 18,393,770	\$ 18,355,471	\$ 18,659,757	\$ 18,891,164	\$ 19,175,581	\$ 19,488,183	\$ 19,823,121

Coverage Surplus (Deficit)	\$ 6,655,968	\$ 4,583,582	\$ 7,461,163	\$ 7,192,425	\$ 6,621,798	\$ 6,359,739	\$ 5,961,689	\$ 5,652,431	\$ 5,355,757	\$ 5,044,210
Coverage Ratio Realized	4.81	3.70	26.37	25.48	23.34	22.81	21.29	20.35	25.18	23.68

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Sewer:										
Expenses:										
Operating Expenses	\$ 11,949,153	\$ 12,825,648	\$ 13,585,288	\$ 14,314,851	\$ 14,628,218	\$ 15,118,866	\$ 15,719,559	\$ 16,323,858	\$ 17,068,299	\$ 17,707,242
Excise Taxes	209,302	206,684	220,206	224,631	219,368	221,818	224,311	226,847	229,428	232,056
Debt Service Requiring Coverage	1,256,976	1,259,617	104,345	104,293	105,346	103,662	104,540	103,981	78,624	79,001
Additional Coverage Required	314,244	314,904	26,086	26,073	26,336	25,916	26,135	25,995	19,656	19,750
Total	\$ 13,729,676	\$ 14,606,852	\$ 13,935,925	\$ 14,669,848	\$ 14,979,268	\$ 15,470,262	\$ 16,074,544	\$ 16,680,681	\$ 17,396,007	\$ 18,038,049

Revenues:										
Sewer Rate Revenue at Existing Rates	\$ 6,650,342	\$ 6,767,000	\$ 6,902,307	\$ 7,040,320	\$ 7,110,706	\$ 7,181,797	\$ 7,253,598	\$ 7,326,118	\$ 7,399,362	\$ 7,473,339
Metro Rate Revenue	8,476,380	8,857,820	9,034,976	9,622,280	9,718,503	10,037,262	10,367,591	10,782,294	11,213,586	11,662,129
Other Operating Revenues	845,590	869,980	865,902	885,693	905,904	927,060	949,207	972,395	996,675	1,022,100
GFC Revenues	567,290	175,000	1,012,861	1,033,119	526,890	532,159	537,481	542,856	548,284	553,767
Interest Earnings (All Funds)	449,370	412,630	384,673	442,726	499,482	560,801	609,953	678,393	750,346	824,684
Total	\$ 16,988,972	\$ 17,082,430	\$ 18,200,719	\$ 19,024,137	\$ 18,761,485	\$ 19,239,079	\$ 19,717,830	\$ 20,302,056	\$ 20,908,253	\$ 21,536,020

Coverage Surplus (Deficit)	\$ 3,259,296	\$ 2,475,578	\$ 4,264,794	\$ 4,354,289	\$ 3,782,217	\$ 3,768,817	\$ 3,643,286	\$ 3,621,375	\$ 3,512,246	\$ 3,497,971
Coverage Ratio Realized	3.84	3.22	42.12	43.00	37.15	37.61	36.10	36.08	45.92	45.53

**Sammamish Plateau Water
Water & Sewer Rate Model
Revenue Requirement Analysis**

Water Rate Revenue Requirement

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Maximum Deficit (Minimum Surplus)	\$ (758,581)	\$ 4,362,356	\$ 2,034,781	\$ 2,102,695	\$ 2,473,027	\$ 3,564,233	\$ 4,726,093	\$ 4,809,874	\$ 5,068,462	\$ 5,455,371
Adjustment for Taxes	-	-	-	-	-	-	-	-	-	-
Less: Net Revenue From Prior Rate Revenue Adjustments	\$ (758,581)	\$ 4,362,356	\$ 1,469,270	\$ 935,491	\$ 671,357	\$ 1,091,939	\$ 1,545,228	\$ 880,617	\$ 349,025	\$ (98,094)
Net Revenue Deficit (Surplus)	\$ -	\$ -	\$ (565,511)	\$ (1,167,205)	\$ (1,801,670)	\$ (2,472,294)	\$ (3,180,865)	\$ (3,929,257)	\$ (4,719,437)	\$ (5,553,465)
Effective Rate Revenue Adjustment Required	-4.88%	29.30%	9.39%	5.69%	3.90%	6.05%	8.17%	4.44%	1.68%	-0.45%

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Annual Water Rate Revenue Adjustment Implemented	0.00%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%	3.75%
Cumulative Water Rate Revenue Adjustment Implemented	0.00%	3.75%	7.64%	11.68%	15.87%	20.21%	24.72%	29.39%	34.25%	39.28%

Post-Adjustment Summary:

Rate Revenue	\$ 15,548,340	\$ 15,445,073	\$ 16,232,529	\$ 17,060,134	\$ 17,876,847	\$ 18,732,658	\$ 19,629,440	\$ 20,569,154	\$ 21,553,854	\$ 22,585,696
Net Cash Flow	\$ 758,581	\$ (3,804,100)	\$ (882,652)	\$ (318,859)	\$ (25,206)	\$ (414,855)	\$ (835,731)	\$ (137,153)	\$ 430,030	\$ 914,444
Coverage Ratio Realized	4.81	3.98	30.06	31.19	31.09	32.94	33.70	35.34	48.52	50.59
Coverage Ratio Required	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Ending Operating Fund Balance	\$ 14,394,659	\$ 10,590,559	\$ 9,708,007	\$ 9,389,148	\$ 9,363,942	\$ 8,949,087	\$ 8,113,356	\$ 7,976,203	\$ 8,406,233	\$ 9,241,144
Minimum Operating Fund Balance Required	\$ 2,187,432	\$ 2,423,216	\$ 2,525,158	\$ 2,670,486	\$ 2,800,821	\$ 2,941,945	\$ 3,096,384	\$ 3,243,259	\$ 3,415,736	\$ 3,574,812
Original	\$ 11,280,447	\$ 9,643,986	\$ 8,513,659	\$ 7,255,721	\$ 7,127,568	\$ 7,312,734	\$ 7,534,334	\$ 8,213,425	\$ 9,127,112	\$ 10,296,140
Revised Before LIDP	\$ 12,131,344	\$ 9,984,246	\$ 9,279,385	\$ 8,545,328	\$ 9,048,827	\$ 9,728,511	\$ 10,292,833	\$ 11,147,126	\$ 12,051,651	\$ 13,109,590
Diff	\$ 2,263,316	\$ 606,313	\$ 428,622	\$ 843,820	\$ 315,115	\$ (779,425)	\$ (2,179,477)	\$ (3,170,923)	\$ (3,645,418)	\$ (3,868,446)

Sewer Rate Revenue Requirement

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Maximum Deficit (Minimum Surplus)	\$ (1,480,076)	\$ 36,185	\$ 628,441	\$ 1,011,376	\$ 859,822	\$ 1,422,378	\$ 1,225,930	\$ 1,437,279	\$ 1,798,702	\$ 1,993,281
Adjustment for Taxes	-	-	(224,325)	(465,057)	(716,070)	(980,142)	(1,257,857)	(1,549,820)	(1,856,667)	(2,179,058)
Net Revenue From Prior Rate Adjustments	\$ (1,480,076)	\$ 36,185	\$ 404,116	\$ 546,319	\$ 143,752	\$ 442,235	\$ (31,926)	\$ (112,541)	\$ (57,965)	\$ (185,777)
Net Revenue Deficit (Surplus)	\$ -	\$ -	\$ (224,325)	\$ (465,057)	\$ (716,070)	\$ (980,142)	\$ (1,257,857)	\$ (1,549,820)	\$ (1,856,667)	\$ (2,179,058)
Effective Rate Adjustment Required	-22.26%	0.53%	5.67%	7.28%	1.84%	5.42%	-0.38%	-1.27%	-0.63%	-1.92%

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Annual Sewer Rate Revenue Adjustment Implemented	0.00%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
Cumulative Sewer Rate Revenue Adjustment Implemented	0.00%	3.25%	6.61%	10.07%	13.65%	17.34%	21.15%	25.09%	29.16%	33.36%

Post-Adjustment Summary:

Rate Revenue	\$ 6,650,342	\$ 6,986,927	\$ 7,358,247	\$ 7,749,302	\$ 8,081,147	\$ 8,427,202	\$ 8,788,077	\$ 9,164,406	\$ 9,556,850	\$ 9,966,100
Net Cash Flow	\$ 1,480,076	\$ 183,743	\$ (172,501)	\$ (302,394)	\$ 110,618	\$ (176,972)	\$ 308,548	\$ 401,009	\$ 358,786	\$ 499,480
Coverage Ratio Realized	3.84	3.39	46.38	49.62	46.13	49.31	50.40	53.30	72.65	76.26
Coverage Ratio Required	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Ending Operating Fund Balance	\$ 10,039,577	\$ 10,223,320	\$ 10,050,819	\$ 9,748,425	\$ 9,859,044	\$ 9,682,071	\$ 9,990,620	\$ 10,391,629	\$ 10,750,415	\$ 11,249,894
Minimum Operating Fund Balance Required	\$ 2,997,975	\$ 3,213,452	\$ 3,404,095	\$ 3,585,078	\$ 3,661,049	\$ 3,782,634	\$ 3,931,365	\$ 4,080,996	\$ 4,265,193	\$ 4,423,389
Revised Before LIDP	\$ 8,184,477	\$ 9,290,286	\$ 9,479,520	\$ 9,630,468	\$ 9,588,724	\$ 9,938,340	\$ 10,240,044	\$ 10,702,188	\$ 11,118,872	\$ 11,472,015
Diff	\$ 1,855,100	\$ 933,034	\$ 571,300	\$ 117,958	\$ 270,319	\$ (256,269)	\$ (249,424)	\$ (310,559)	\$ (368,458)	\$ (222,120)

Joint Utility Revenue Requirement Summary

Coverage Ratio Realized	4.42	3.74	34.30	35.98	35.00	37.20	38.04	40.01	54.79	57.26
Coverage Ratio Required	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Ending Operating Fund Balance	\$ 24,434,236	\$ 20,813,879	\$ 19,758,827	\$ 19,137,573	\$ 19,222,986	\$ 18,631,158	\$ 18,103,976	\$ 18,367,831	\$ 19,156,647	\$ 20,491,039
Minimum Operating Fund Balance Required	\$ 5,185,407	\$ 5,636,668	\$ 5,929,253	\$ 6,255,564	\$ 6,461,870	\$ 6,724,579	\$ 7,027,749	\$ 7,324,255	\$ 7,680,929	\$ 7,998,201



Sammamish Plateau Water 2018 Water GFC Calculation Connection Charge Schedule

Charge Based on Meter Size

Charge Based on Meter Size	# of ERUs
3/4" Meter	1.00
1" Meter	2.50
1-1/2" Meter	5.00
2" Meter	8.00
3" Meter	16.00
4" Meter	25.00
6" Meter	50.00
8" Meter	80.00
10" Meter	115.00

Water GFC Structure		
	Current	Updated
\$	5,342	\$ 5,231
\$	13,355	\$ 13,077
\$	26,710	\$ 26,155
\$	42,736	\$ 41,848
\$	85,472	\$ 83,695
\$	133,550	\$ 130,774
\$	267,100	\$ 261,548
\$	427,360	\$ 418,476
\$	614,330	\$ 601,559

Sammamish Plateau Water
2018 Water GFC Calculation
General Facilities Charge Calculation



2018

Calculation Year:

Existing Cost Basis:
 Plant-In-Service as of Year-End 2017
 Less: Contributed Assets
 Less: Provision for Asset Retirements Due to 10-Year CIP
 Less: Assets Not Included in GFC Cost Basis
 Plus: Interest Accrued on Net Asset Base
 Plus: Construction Work In Progress
 Less: Net Outstanding Debt Principal
 Net Existing Cost Basis

Future Cost Basis:
 Capital Improvement Program
 Less: Grant Funding
 Less: Costs Funded by LFCS
 Less: Costs Funded by DEAs/JULIDS
 Net Future Cost Basis

Customer Base in Equivalent Residential Units (ERUs):
 Existing ERUs
 Projected Growth Over Useful Life of Assets
 Total Number of ERUs

Useful Life of Assets

Calculated GFC per ERU

	Supply	Storage	Treatment	Mains	Pumping	Meters & Services	Hydrants	General	Total
	\$ 10,850,719	\$ 18,185,137	\$ 6,347,035	\$ 79,370,001	\$ 3,658,564	\$ 13,617,120	\$ 7,201,295	\$ 16,435,707	\$ 155,665,578
	-	(59,884)	-	(45,629,767)	(18,672)	(8,796,939)	(5,258,489)	(22,117)	(59,785,868)
	(365,379)	-	-	(115,640)	-	(19,401)	-	(1,415,625)	(1,916,045)
	-	-	-	-	-	(4,800,780)	-	-	(4,800,780)
	5,313,634	9,828,129	2,661,670	17,755,939	1,654,397	-	1,126,053	5,459,488	43,799,310
	-	-	-	1,357,695	1,80,512	-	-	4,589	1,542,796
	-	-	-	-	-	-	-	-	-
	\$ 15,798,975	\$ 27,953,382	\$ 9,008,705	\$ 52,738,227	\$ 5,474,802	\$ -	\$ 3,068,859	\$ 20,462,041	\$ 134,504,991
	\$ 5,833,000	\$ 9,656,386	\$ -	\$ 35,747,345	\$ 41,781	\$ -	\$ -	\$ 5,199,204	\$ 56,477,716
	-	-	-	(3,819,440)	-	-	-	-	(3,819,440)
	-	(420,000)	-	(25,966,750)	-	-	-	-	(26,386,750)
	\$ 5,833,000	\$ 9,236,386	\$ -	\$ 5,961,155	\$ 41,781	\$ -	\$ -	\$ 5,199,204	\$ 26,271,526
	24,306	24,306	24,306	24,306	24,306	24,306	24,306	24,306	24,306
	3,412	8,700	5,012	8,509	5,012	3,412	7,362	2,919	2,919
	27,717	33,006	29,318	32,815	29,318	27,717	31,668	27,225	27,225
	20 Years	120 Years	40 Years	96 Years	40 Years	20 Years	75 Years	10 Years	
	\$ 780	\$ 1,127	\$ 307	\$ 1,789	\$ 188	\$ -	\$ 97	\$ 943	\$ 5,231

Summary of Plant-in-Service

Asset Category	Original Cost - Water		Water Utility Funded Assets		Total
	Existing Customers	10-Year Growth	10-Year Growth	Other Growth	
Supply	\$ 13,643,044	\$ 1,124,139	\$ 1,692,794	\$ 1,692,794	\$ 18,552,771
Storage	4,618,344	2,626,886	2,626,453	18,125,253	25,470,933
Treatment	5,777,014	648,322	1,080,369	6,347,035	13,832,739
Mains	2,655,534	8,108,448	3,459,079	5,634,081	19,257,141
Pumping	1,938,288	372,783	370,881	627,030	3,310,982
Meters & Services	1,210,654	4,432	4,432	6,339	1,221,857
Hydrants	13,768,301	1,913,112	1,911,110	25,441	16,413,590
General	4,609,447	637,510	9,430,880	12,419,778	25,087,615
Total	\$ 421,482,076	\$ 14,690,733	\$ 20,293,770	\$ 155,465,478	\$ 702,927,557


Asset Category	Accrued Interest - Water		Water Utility Funded Assets		Total
	Existing Customers	10-Year Growth	10-Year Growth	Other Growth	
Supply	\$ 3,947,278	\$ 552,615	\$ 813,041	\$ 813,041	\$ 5,313,634
Storage	7,390,337	1,037,433	1,436,504	9,288,129	19,152,403
Treatment	2,937,493	271,925	452,695	2,660,670	6,262,783
Mains	3,129,897	6,527,692	3,926,695	1,851,519	15,435,803
Pumping	5,883,244	159,776	168,572	284,996	6,496,688
Meters & Services	3,330,488	1,169	1,169	3,976	3,335,702
Hydrants	4,609,447	637,510	2,464	3,548	11,260,941
General	54,500,645	6,349,311	635,619	230,694	64,476,269
Total	\$ 94,133,332	\$ 14,165,461	\$ 14,480,127	\$ 6,233,378	\$ 122,912,298

Allocation of Assets to Customers	Percent of Total Cost		Other Growth	Allocated Total Cost	
	Existing	10-Year Growth		Existing	10-Year Growth
All to Existing	100.00%	0.00%	0.00%	\$ 20,727,396	\$ -
All to Growth	0.00%	37.17%	62.83%	\$ -	\$ -
% of Existing Source Capacity	72.58%	10.19%	17.23%	\$ 73,703,469	\$ 10,346,475
% of Existing Storage Capacity	72.58%	10.19%	17.23%	\$ 11,068,349	\$ 1,553,772
% of Existing Flow Capacity	-	-	100.00%	\$ -	\$ -
% of Existing Capacity	-	-	100.00%	\$ -	\$ -
Buildout FRU Capacity	87.69%	12.31%	0.00%	\$ 5,993,026	\$ 841,301
10-Year FRU Forecast	87.69%	12.31%	0.00%	\$ 8,752,226	\$ 1,238,655
[Other Base #1]	-	-	100.00%	\$ -	\$ -
[Other Base #2]	-	-	100.00%	\$ -	\$ -
[Other Base #3]	-	-	13.04%	\$ 1,037,600	\$ 120,550
As All Other	77.91%	9.05%	-	\$ 121,882,076	\$ 14,690,733
					\$ 20,293,770

Allocation of Assets to Customers
All to Existing
All to Growth
% of Existing Source Capacity
% of Existing Storage Capacity
% of Existing Flow Capacity
% of Existing Capacity
Buildout FRU Capacity
10-Year FRU Forecast
[Other Base #1]
[Other Base #2]
[Other Base #3]
As All Other

Sammanish Plateau Water
2018 Water GFC Calculation
Debt Service Schedules

Existing Debt Service	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
2010 Revenue Bond - New Debt													
Water Share													
Principal Payments	\$ 75,000	\$ 75,000	\$ 75,000	\$ 80,000	\$ 85,000	\$ 85,000	\$ 90,000	\$ 95,000					
Interest Payments	27,075	22,825	15,975	19,575	15,975	12,150	8,325	4,275					
Total Payments	\$ 102,075	\$ 99,825	\$ 97,575	\$ 99,575	\$ 100,975	\$ 97,150	\$ 98,325	\$ 99,275					
Outstanding Balance at Year-End	\$ 585,000	\$ 510,000	\$ 435,000	\$ 355,000	\$ 270,000	\$ 185,000	\$ 95,000						
2013 A & B Revenue Bonds (New Money)													
Water Share													
Principal Payments	\$ 225,000	\$ 230,000	\$ 240,000	\$ 245,000	\$ 255,000	\$ 260,000	\$ 270,000	\$ 275,000	\$ 285,000	\$ 295,000			
Interest Payments	75,300	72,950	63,750	56,550	49,200	41,550	33,750	25,650	17,400	8,850			
Total Payments	\$ 300,300	\$ 302,950	\$ 303,750	\$ 301,550	\$ 304,200	\$ 301,550	\$ 303,750	\$ 300,650	\$ 302,400	\$ 303,850			
Outstanding Balance at Year-End	\$ 2,355,000	\$ 2,125,000	\$ 1,885,000	\$ 1,640,000	\$ 1,385,000	\$ 1,125,000	\$ 855,000	\$ 580,000	\$ 295,000				
2013 A & B Revenue Bonds (Refunding)													
Water Share													
Principal Payments	\$ 1,501,813	\$ 1,518,954											
Interest Payments	72,678	56,151											
Total Payments	\$ 1,574,491	\$ 1,575,105											
Outstanding Balance at Year-End	\$ 1,518,954												
Overdale DWSRF Loan (DM12-952-111)													
Water Share													
Principal Payments	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724	\$ 37,724
Interest Payments	4,904	4,527	4,150	3,772	3,395	3,018	2,641	2,263	1,886	1,509	1,132	754	377
Total Payments	\$ 42,628	\$ 42,251	\$ 41,874	\$ 41,497	\$ 41,119	\$ 40,742	\$ 40,365	\$ 39,988	\$ 39,610	\$ 39,233	\$ 38,856	\$ 38,479	\$ 38,101
Outstanding Balance at Year-End	\$ 452,691	\$ 414,967	\$ 377,242	\$ 339,518	\$ 301,794	\$ 264,070	\$ 226,345	\$ 188,621	\$ 150,897	\$ 113,173	\$ 75,448	\$ 37,724	\$ -
PWTF Loan PW-00-691-048 (Well 2 Improvement)													
Water Share													
Principal Payments	\$ 48,374	\$ 48,374											
Interest Payments	967	484											
Total Payments	\$ 49,342	\$ 48,858											
Outstanding Balance at Year-End	\$ 48,374												
PWTF Loan PW-05-691-PRE-121 (Wells 4 & 11 Trmt)													
Water Share													
Principal Payments	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197	\$ 30,197
Interest Payments	1,057	906	755	604	453	302	151						
Total Payments	\$ 31,254	\$ 31,103	\$ 30,952	\$ 30,801	\$ 30,650	\$ 30,499	\$ 30,348						
Outstanding Balance at Year-End	\$ 181,184	\$ 150,987	\$ 120,789	\$ 90,592	\$ 60,395	\$ 30,197							
PWTF Loan PW-06-962-036 (Wells 4 & 11 Treatment)													
Water Share													
Principal Payments	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682	\$ 154,682
Interest Payments	6,187	5,414	4,640	3,867	3,094	2,320	1,547	773					
Total Payments	\$ 160,869	\$ 160,096	\$ 159,322	\$ 158,549	\$ 157,775	\$ 157,002	\$ 156,229	\$ 155,455					
Outstanding Balance at Year-End	\$ 1,082,773	\$ 928,091	\$ 773,409	\$ 618,727	\$ 464,045	\$ 309,364	\$ 154,682						
Summary of Existing Debt Service													
Water Share of Annual Debt Service	\$ 1,994,791	\$ 2,015,632	\$ 455,703	\$ 463,103	\$ 474,203	\$ 477,903	\$ 489,003	\$ 466,206	\$ 248,624	\$ 256,024	\$ 37,724	\$ 37,724	\$ 37,724
Principal Payments	161,551	139,835	73,426	64,576	55,171	45,378	35,474	25,181	14,762	8,058	1,132	754	377
Interest Payments	\$ 2,156,342	\$ 2,155,467	\$ 529,129	\$ 527,679	\$ 529,375	\$ 523,282	\$ 524,477	\$ 491,387	\$ 263,386	\$ 264,082	\$ 38,856	\$ 38,479	\$ 38,101
Outstanding Balance at Year-End	\$ 5,459,576	\$ 3,443,944	\$ 2,988,241	\$ 2,525,137	\$ 2,050,934	\$ 1,573,031	\$ 1,084,027	\$ 617,821	\$ 369,197	\$ 113,173	\$ 75,448	\$ 37,724	\$ -


Sammamish Plateau Water
2018 Water GFC Calculation
Summary of Cash Balances

Sammamish
 Plateau Water

	12/31/2017		
	Water	Sewer	Total
Operating Fund	\$ 13,636,078	\$ 8,559,501	\$ 22,195,579
Capital Replacement Fund	20,153,903	8,732,198	28,886,101
General Facilities Charge Fund	7,585,138	3,822,407	11,407,545
Local Facilities Charge Fund	2,438,486	4,571,097	7,009,583
Bond Fund / Bond Reserve	1,567,744	1,993,593	3,561,337
Total	\$ 45,381,349	\$ 27,678,796	\$ 73,060,145

Sammamish Plateau Water
2018 Water GFC Calculation
Inventory of Construction Work In Progress



Summary of Construction Work In Progress

Function	Existing Customers		Construction Work In Progress		Total
	10-Year Growth	Other Growth	10-Year Growth	Other Growth	
Supply	\$ 152,874	\$ 21,460	\$ 36,282	\$ -	\$ 210,617
Storage	-	-	-	-	-
Treatment	-	-	-	-	-
Mains	1,470,563	206,437	349,013	-	2,026,013
Pumping	131,023	18,393	31,096	-	180,512
Meters & Services	5,301,606	-	-	-	5,301,606
Hydrants	-	-	-	-	-
General	110,749	15,112	21,832	-	147,693
Total	\$ 7,166,815	\$ 261,403	\$ 438,224	\$ -	\$ 7,866,442

Schedule of Construction Work In Progress

Project ID	Description	Function	% Sewer	% Water	Original Cost	Allocation of Construction Work In Progress		Total
						Existing Customers	Other Growth	
	Security Improvements	General	40%	60%	\$ 29,756	\$ -	\$ -	\$ 29,756
	SE 52nd @ 229th SE AC Water Main Replacement	Mains	0%	100%	\$ 82,340	\$ -	\$ -	\$ 82,340
	7MG & 297 Tank Seismic Retrofit	Storage	0%	100%	\$ 210,617	\$ -	\$ -	\$ 210,617
	221st Way SE Water Main Replacement	Mains	0%	100%	\$ 529,601	\$ -	\$ -	\$ 529,601
	SE 62nd & 221st Place SE Water and Sewer Replacement	Mains	40%	60%	\$ 93,962	\$ -	\$ -	\$ 93,962
	Water Comprehensive Plan	General	0%	100%	\$ -	\$ -	\$ -	\$ -
	Water Hydraulic Model	General	0%	100%	\$ 125,251	\$ -	\$ -	\$ 125,251
	Issaquah-Fall City Road 16" Transmission Main	Mains	0%	100%	\$ 12,797	\$ -	\$ -	\$ 12,797
	2017 Seismic Pipeline Study Well 9 to 650	Mains	0%	100%	\$ 117,146	\$ -	\$ -	\$ 117,146
	N Inglewood Pressure Zone Modification/Inglewood Hill Rd @ 2111th Place NE Water Main Repl.	General	40%	60%	\$ 7,648	\$ -	\$ -	\$ 7,648
	AMI Automatic Meter Infrastructure	Meters & Services	0%	100%	\$ 100,687	\$ -	\$ -	\$ 100,687
	211th to 212th Inglewood Hill Road	Mains	0%	100%	\$ 934,225	\$ -	\$ -	\$ 934,225
	New 297 Booster Pump	Pumping	0%	100%	\$ 5,301,606	\$ -	\$ -	\$ 5,301,606
	Sorrento Estates Transmission Main	Mains	0%	100%	\$ 180,512	\$ -	\$ -	\$ 180,512
	212th Way SE Road Improvements Water	Mains	0%	100%	\$ 26,731	\$ -	\$ -	\$ 26,731
	Sammamish Town Center SE 4th Street Water & Sewer	Mains	40%	60%	\$ 214,914	\$ -	\$ -	\$ 214,914

Capital Improvement Program (Current Dollars)

Project ID	Description	Function	% R&R	2018 - 2027		Planned Funding Source				Total
				10-Year Cost (Current Dollars)		GFC Fund	LFC Fund	Other District Resources	DEA/ULID	
C-1	District Headquarters Maintenance Program	General	50.00%	\$ 383,835				100.00%		100.00%
C-2	Enterprise Level System Replacement Program	General	100.00%	\$ 315,000				100.00%		100.00%
C-3	Computerized Maintenance Management System	General	0.00%	\$ 201,000				100.00%		100.00%
C-4	District Headquarters Communications Rewiring	General	50.00%	\$ 96,000				100.00%		100.00%
C-5	Miscellaneous Capital Projects	General	0.00%	\$ 585,000				100.00%		100.00%
C-6	Security Improvements	General	0.00%	\$ 144,570				100.00%		100.00%
C-7	Vehicles and Large Equipment (General)	General	50.00%	\$ 121,500				100.00%		100.00%
C-8	District Headquarters Facility Expansion	General	0.00%	\$ 1,300,000		70.00%		30.00%		100.00%
G-1	AMR/AMI	Meters & Services	100.00%	\$ 31,284				100.00%		100.00%
G-2	Smart Water Infrastructure	General	0.00%	\$ 400,000				100.00%		100.00%
G-3	Vehicles and Large Equipment (Water)	General	50.00%	\$ 1,566,463				100.00%		100.00%
G-4	Water Hydraulic Model	General	0.00%	\$ 55,836		30.00%		70.00%		100.00%
G-5	Water Comprehensive Plan	General	100.00%	\$ -		100.00%				100.00%
G-6	550 Zone Study (Conversion to Blended Supply)	General	0.00%	\$ 30,000				100.00%		100.00%
G-7	700 SH Zone Study (Conversion to 550 & 590 Zones)	General	0.00%	\$ -				100.00%		100.00%
W-1	Well 9 Pump and Motor Upgrade for Wells 7, 8 and 9 Well Field	Supply	100.00%	\$ 550,000		15.00%		85.00%		100.00%
W-2	Well 9 PFC Treatment	Supply	0.00%	\$ 4,881,000		100.00%				100.00%
W-3	Well 13 Pump Enclosure	Supply	0.00%	\$ 402,000		30.00%		70.00%		100.00%
BP-1	SE 43rd Booster Pump Station Rehabilitation	Pumping	100.00%	\$ -		30.00%		70.00%		100.00%
BP-2	New 297 Booster Pump	Pumping	0.00%	\$ 41,781		100.00%				100.00%
	Well 9 to 650 Zone Booster Pump Station (see Project M-8)	Pumping	0.00%	\$ -		100.00%				100.00%
	2 MG Booster Pump Station (see Project ST-11)	Pumping	0.00%	\$ -		100.00%				100.00%
ST-1	Reservoir Safety Improvements	Storage	0.00%	\$ 400,000		30.00%		70.00%		100.00%
ST-2	3 MG Replace Interior and Top Coating	Storage	0.00%	\$ 840,000		15.00%		35.00%	50.00%	100.00%
ST-3	3 MG Replace Exterior Coating (2035)	Storage	0.00%	\$ -		15.00%		85.00%		100.00%
ST-4	Section 36 East Tank Interior Coating	Storage	0.00%	\$ 730,000		30.00%		70.00%		100.00%
ST-5	Section 36 East Tank Exterior Top Coating (2030)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
ST-6	Section 36 West Tank Exterior Top Coating and Interior (2030)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
ST-7	Section 36 East Tank Exterior and Interior Replace Coating (2045)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
ST-8	Section 36 West Tank Exterior Replace Coating (2040)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
ST-9	2 MG Interior and Exterior Tank Coating	Storage	0.00%	\$ 1,593,000		30.00%		70.00%		100.00%
ST-10	2 MG Tank Improvement	Storage	0.00%	\$ 1,739,000		30.00%		70.00%		100.00%
ST-11	2 MG Booster Pump Station	Storage	0.00%	\$ 475,000		100.00%				100.00%
ST-12	10 MG Reservoir (Future)	Storage	0.00%	\$ -		100.00%				100.00%
ST-13	7 MG & 297 Tank Seismic Retrofit	Storage	0.00%	\$ 1,279,386				100.00%		100.00%
ST-14	7 MG Tank Exterior Coating	Storage	0.00%	\$ 980,000		30.00%		70.00%		100.00%
ST-15	7 MG Interior Coating	Storage	0.00%	\$ 760,000		30.00%		70.00%		100.00%
ST-16	7 MG Exterior Coating (2035)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
ST-17	297 Tank Coating (exterior top coat, interior replace)	Storage	0.00%	\$ 610,000		30.00%		70.00%		100.00%
ST-18	297 Tank Coating (2035 exterior replace coating)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
ST-19	Well 12 Tank Top Coating and Interior	Storage	0.00%	\$ 250,000		30.00%		70.00%		100.00%
ST-20	Well 12 Tank Replace Exterior Coating (2037)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
ST-21	Well 12 Reclaim Tank Replace Interior and Exterior Coating (2030)	Storage	0.00%	\$ -		30.00%		70.00%		100.00%
IM-1	Zackuse Creek Fish Passage Culvert Main Replacement - 8"	Mains	100.00%	\$ 25,001		30.00%		70.00%		100.00%
IM-2	216th Ave SE and Main Street Replacement - 8" & 12"	Mains	30.82%	\$ -		17.00%	83.00%	100.00%		100.00%
IM-3	Main Street from 216th to 218th Replacement (Flynn 218th SE Plat DEA) - 12"	Mains	25.00%	\$ 200,000		17.00%		83.00%		100.00%

Capital Improvement Program (Current Dollars)

Project ID	Description	Function	% R&R	2018 - 2027		Planned Funding Source				
				10-Year Cost (Current Dollars)	Total	GFC Fund	LFC Fund	Other District Resources	DEA/ULID	
M-4	SE 8th from 212th to 218th Ave SE Replacement - 12"	Mains	31.45%	\$ 1,090,000	100.00%	17.00%	83.00%			100.00%
M-5	228th Avenue SE 24" Transmission Main/Replacement	Mains	25.00%	\$ 934,000	100.00%	100.00%				100.00%
M-6	Sorrento Estates 24" Transmission Main	Mains	0.00%	\$ 726,360	100.00%	100.00%				100.00%
M-7	Issaquah Fall City Rd 16" Transmission Main/Replacement	Mains	25.00%	\$ 649,814	100.00%	100.00%				100.00%
M-8	Well 9 to 650 Zone 16" Transmission Main and Booster Pump Station	Mains	0.00%	\$ 250,000	100.00%	100.00%				100.00%
M-9	Redmond-Fall City Rd/Ames Lake Rd 8" 12" Transmission Main	Mains	0.00%	\$ -	100.00%	100.00%				100.00%
M-10	Distribution System Connectivity and Extension Program5	Mains	0.00%	\$ -	100.00%	100.00%				100.00%
FF-1	NE 27th Pl/NE 29th St PRV Addition and Main Connection - 8"	Mains	0.00%	\$ 848,000	100.00%			100.00%		100.00%
FF-2	212th Ave NE from NE 14th to NE 16th AC Replacement - 8"	Mains	56.25%	\$ -	100.00%			100.00%		100.00%
FF-3	NE 11th St and 209th Ave Replacement - 8"	Mains	56.25%	\$ -	100.00%			100.00%		100.00%
FF-4	N Inglewood Pressure Zone Modification Connection - 8"	Mains	0.00%	\$ 471,590	100.00%			100.00%		100.00%
FF-5	216th Ave NE PRV Addition	Mains	0.00%	\$ 217,000	100.00%	100.00%				100.00%
FF-6	SE 1st St/222nd Pl SE in Town Center and 228th Ave SE to Sammamish Commons Connection - 12"	Mains	0.00%	\$ 2,745,000	6.00%	63.00%		31.00%		100.00%
FF-7	Sammamish Town Center SE 4th St Replacement - 12"	Mains	25.00%	\$ -	100.00%			100.00%		100.00%
FF-8	Plateau Club Replacement - 12"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
FF-9	SE 14th St Main Connection - 8"	Mains	0.00%	\$ 545,000	26.00%	74.00%				100.00%
FF-10	SE 16th St PRV Addition and SE 17th St Main Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
FF-11	Waverly Hills PRV Addition and Main Replacement - 8"	Mains	100.00%	\$ -	100.00%			100.00%		100.00%
FF-12	Waverly Shores Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
FF-13	Overdale 232nd Ave SE and SE 54th Pl Fire Flow Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
FF-14	NE 80th St Connection - 12"	Mains	44.44%	\$ 1,283,000	17.00%	83.00%				100.00%
FF-15	NE 70th St Replacement - 12"	Mains	0.00%	\$ -	17.00%	83.00%				100.00%
FF-16	NE Union Hill Rd and 266th Ave NE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
FF-17	NE 45th St/268th Ave NE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
FF-18	NE 45th St/272nd Ave NE Replacement - 8"	Mains	6.25%	\$ 211,000	0.00%			100.00%		100.00%
R-1	NE 25th St Connection 1 (NE 25th St Assemblage DEA) - 8"	Mains	0.00%	\$ 450,000	0.00%			100.00%		100.00%
R-2	NE 25th St Connection 2 - 8"	Mains	0.00%	\$ 262,000	0.00%			100.00%		100.00%
R-3	NE 24th St Connection (Cedar Hill DEA) - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-4	NE 26th St Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-5	207th Ave NE PRV Addition	Mains	0.00%	\$ 139,000	0.00%			25.00%		100.00%
R-6	NE 15th St from 207th Pl NE to 208th NE Connection - 8"	Mains	0.00%	\$ 612,000	17.00%	83.00%				100.00%
R-7	East Sammamish Park Connection - 12"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-8	NE 14th St from 212th to 216th NE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-9	NE 8th St Replacement - 8"	Mains	56.25%	\$ 217,000	0.00%			69.00%		100.00%
R-10	212th Ave NE PRV Addition	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-11	236th Ct NE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-12	NE 14th St Connection - 12"	Mains	0.00%	\$ 274,000	0.00%			100.00%		100.00%
R-13	238th Ave NE Connection - 8"	Mains	0.00%	\$ 228,000	0.00%			100.00%		100.00%
R-14	240th Ave NE Replacement (NE 8th Assemblage DEA) - 8"	Mains	6.25%	\$ 521,000	0.00%			100.00%		100.00%
R-15	NE 4th St from 235th to 238th NE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-16	243rd Ave NE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%
R-17	NE 18th St Connection 1 (NE 18th Assemblage DEA) - 8"	Mains	0.00%	\$ 366,000	0.00%			100.00%		100.00%
R-18	NE 18th St Connection 2 - 8"	Mains	0.00%	\$ 228,000	0.00%			100.00%		100.00%
R-19	247th Pl NE from NE 18th to 20th Connection - 8"	Mains	0.00%	\$ 312,000	0.00%			100.00%		100.00%
R-20	245th Ave NE Connection (Atherton-Campbell 246th NE Plat DEA) - 8"	Mains	0.00%	\$ 838,000	0.00%			100.00%		100.00%
R-21	NE 11th St to 250th Ave NE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%		100.00%

Capital Improvement Program (Current Dollars)

Project ID	Description	Function	% R&R	Planned Funding Source				Total
				2018 - 2027 10-Year Cost (Current Dollars)	GFC Fund	LFC Fund	Other District Resources	
R-22	250th Ave NE from NE 14th to NE 18th Connection - 8"	Mains	0.00%	\$ -				100.00%
R-23	254th Ave NE from NE 8th to NE 4th Connection - 8"	Mains	0.00%	\$ -				100.00%
R-24	222nd Pl NE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-25	NE 2nd Ct Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-26	208th Ave SE PRV Addition	Mains	0.00%	\$ -	100.00%			100.00%
R-27	220th Ave NE Connection - 8"	Mains	0.00%	\$ 343,000				100.00%
R-28	Town Center NW Connections - 12"	Mains	0.00%	\$ 2,133,000				100.00%
R-29	Town Center SW Connections - 12"	Mains	0.00%	\$ 2,194,000				100.00%
R-30	Town Center SE Connections - 12"	Mains	0.00%	\$ 1,753,000				100.00%
R-31	Future Town Center School Site Connection - 12"	Mains	0.00%	\$ -				100.00%
R-32	Thirty Acres Park Connection - 8"	Mains	0.00%	\$ -				100.00%
R-33	SE 19th St and 193rd Ave SE Connection (8") and PRV Addition	Mains	0.00%	\$ -	41.00%			100.00%
R-34	SE 12th St and 208th Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-35	SE 19th St and 205th Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-36	SE 20th St Connection - 8"	Mains	0.00%	\$ -				100.00%
R-37	SE 24th St to 210th Pl SE Connection (Tridco SE 24th Short Plat or Baker SE 24th Short Plat DEA)	Mains	0.00%	\$ 292,000				100.00%
R-38	215th SE Connection - 8"	Mains	0.00%	\$ 265,000				100.00%
R-39	218th Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-40	223rd Ave SE Connection (Lancaster 223rd DEA) - 8"	Mains	0.00%	\$ 474,000				100.00%
R-41	226th Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-42	SE 22nd St Connection - 8"	Mains	0.00%	\$ -				100.00%
R-43	239th Pl SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-44	244th Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-45	247th Ave to 248th Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-46	SE 13th St Connection - 8"	Mains	0.00%	\$ -				100.00%
R-47	SE 17th St to SE 14th St Connection - 8"	Mains	0.00%	\$ -				100.00%
R-48	SE 17th St Connection (Yu SE 17th Short Plat DEA) - 8"	Mains	0.00%	\$ 62,000				100.00%
R-49	SE 20th Pl from 245th to 242nd Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-50	246th Ave SE to SE 17th Pl Connection (Sammamish Highlands on 248th and Hamilton Estates DE)	Mains	0.00%	\$ 151,000			100.00%	100.00%
R-51	251st Ave SE to West Beaver Lake Dr SE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%
R-52	SE 29th St to SE 24th Way Connection (8") and PRV Addition	Mains	0.00%	\$ -				100.00%
R-53	SE 29th St Connection - 8"	Mains	0.00%	\$ -				100.00%
R-54	SE 28th Pl Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-55	SE 39th St Connection - 8"	Mains	0.00%	\$ -				100.00%
R-56	SE 29th Pl Connectoin - 8"	Mains	0.00%	\$ -				100.00%
R-57	221st Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-58	SE 35th St Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-59	239th Ave SE Connection - 8"	Mains	0.00%	\$ -				100.00%
R-60	241st Ave SE Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-61	SE 25th St and SE Durhie Hill Rd Connections - 8"	Mains	0.00%	\$ -				100.00%
R-62	SE Issaquah-Fall City Rd Connection - 8"	Mains	0.00%	\$ -				100.00%
R-63	SE 48th St to SE 46th Alignment Connection (Hochandel SE 48th Property - Sorrento Estates DE)	Mains	0.00%	\$ 704,000				100.00%
R-64	229th Pl SE Connection - 8"	Mains	0.00%	\$ 134,620			100.00%	100.00%
R-65	240th Ave SE Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%
R-66	East Lake Sammamish Center North Connection - 16"	Mains	0.00%	\$ 230,000				100.00%
R-67	229th Ave SE Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%

Capital Improvement Program (Current Dollars)

Project ID	Description	Function	% R&R	Planned Funding Source				Total
				2018 - 2027 10-Year Cost (Current Dollars)	GFC Fund	LFC Fund	Other District Resources	
R-68	East Lake Sammamish Center South Connection - 16"	Mains	0.00%	\$ 489,000	100.00%			100.00%
R-69	University House/Timbers Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-70	Dawnbreaker Cascade Inter tie/Connection - 8"	Mains	0.00%	\$ -	100.00%			100.00%
R-71	250th and 252nd Ave NE from NE 80th to NE 85th St Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-72	248th Ave NE Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-73	254th Ave NE Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-74	245th Ave NE Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-75	NE 47th Pl and 254th Ave NE Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
R-76	NE 29th Pl Connection (8") and PRV Addition	Mains	0.00%	\$ -	100.00%			100.00%
R-77	NE 24th St Amesbury Connection - 8"	Mains	0.00%	\$ -			100.00%	100.00%
DE/CIP	Inglewood JNT 2387 NE 15th Residence DEA - 8"	Mains	0.00%	\$ 88,000				100.00%
DE/CIP	Inglewood Hill Rd at 211th Pl NE Water Main Replacement - 8"	Mains	100.00%	\$ 57,500		50.00%		100.00%
DE/CIP	16th Sammamish II - Shillam DEA - 8"	Mains	0.00%	\$ 108,000				100.00%
DE/CIP	Twins Ridge DEA - 8"	Mains	0.00%	\$ 698,000				100.00%
DE/CIP	Morningside Estates DEA - 8"	Mains	0.00%	\$ 358,000				100.00%
DE/CIP	Flynn 218th SE Plat DEA (onsite portion) - 8"	Mains	0.00%	\$ 150,000				100.00%
DE/CIP	218th McCabe (aka Brixton) DEA - 12"	Mains	0.00%	\$ 125,000	17.00%			100.00%
DE/CIP	Hennessey 222nd SE Short Plat & 218th McCabe (aka Brixton) DEAs - 8"	Mains	0.00%	\$ 496,000				100.00%
DE/CIP	Village at Sammamish Town Center DEA - 12"	Mains	0.00%	\$ 680,000				100.00%
DE/CIP	Town Center Plateau 120 Apartments DEA - 12"	Mains	0.00%	\$ 414,000				100.00%
DE/CIP	Coffman 222nd NE Short Plat DEA - 8"	Mains	0.00%	\$ 231,000				100.00%
DE/CIP	Reynolds SE 8th Short Plat DEA - 8"	Mains	0.00%	\$ 121,000				100.00%
DE/CIP	Richter SE 14th Plat DEA - 8"	Mains	0.00%	\$ 179,000				100.00%
DE/CIP	Sammamish Highlands on 248th DEA - 8"	Mains	0.00%	\$ 301,000				100.00%
DE/CIP	Penny Lane South DEA - 8"	Mains	0.00%	\$ 426,000				100.00%
DE/CIP	223rd Mullen-Warren Assemblage DEA - 8"	Mains	0.00%	\$ 919,000				100.00%
DE/CIP	Providence Ridge DEA - 12"	Mains	0.00%	\$ 1,028,000				100.00%
DE/CIP	Taylor SE 20th Short Plat DEA - 8"	Mains	0.00%	\$ 123,000				100.00%
DE/CIP	Sienna Lane II DEA - 8"	Mains	0.00%	\$ 105,000				100.00%
DE/CIP	Sunnyhills Elementary School Replacement DEA - 12"	Mains	0.00%	\$ 733,000				100.00%
DE/CIP	Jarvis Estates SW DEA - 8"	Mains	0.00%	\$ 458,000				100.00%
DE/CIP	Oxley SE 30th Short Plat DEA - 8"	Mains	0.00%	\$ 316,000				100.00%
DE/CIP	Irons-Hedberg Issaquah-Beaver Lake Rd Plat DEA - 8"	Mains	0.00%	\$ 398,000				100.00%
DE/CIP	212th Way SE Road Improvements Water - 8"	Mains	0.00%	\$ 170			100.00%	100.00%
DE/CIP	SE 52nd @ 229th SE AC Water Main Replacement - 8"	Mains	100.00%	\$ 1,100	100.00%			100.00%
DE/CIP	221st Pl SE Water Main Replacement - 12"	Mains	100.00%	\$ 301,395	50.00%			100.00%
DE/CIP	SE 62nd & 221st Pl SE Water Replacement - 12"	Mains	100.00%	\$ 160,065	26.00%		74.00%	100.00%
DE/CIP	201 Development 9081 Redmond Ridge Short Plat DEA - 8"	Mains	0.00%	\$ 1,064,000				100.00%
DE/CIP	Culbertson 252nd NE Plat DEA - 8"	Mains	0.00%	\$ 923,000				100.00%
				\$ -				0.00%
				\$ -				0.00%
				\$ -				0.00%
				\$ 56,509,000				0.00%
Total								

ERU Forecast by Service Zone & Customer Class

ERU Forecast by Service Zone and Customer Class	Buildout	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038		
Single-Family Residential																									
City of Sammamish	20,869	15,534	15,825	15,901	15,940	16,075	16,187	16,284	16,384	16,485	16,485	16,485	16,485	16,485	16,485	16,485	16,485	16,485	16,513	16,571	16,628	16,743	16,795		
City of Issaquah	1,203	417	508	507	507	507	699	715	748	776	781	785	790	794	799	810	821	832	844	854	881	906	924		
King County	1,231	282	340	340	361	361	368	373	377	380	382	385	387	389	392	394	396	399	401	406	411	414	414		
Cascade View	1,090	775	779	790	791	792	792	802	813	824	826	828	830	832	834	839	843	847	851	856	862	869	874		
Subtotal	24,392	17,007	17,451	17,536	17,597	17,734	18,038	18,169	18,318	18,462	18,471	18,480	18,489	18,498	18,507	18,526	18,542	18,561	18,607	18,682	18,777	18,928	19,107		
Multi-Family Residential																									
City of Sammamish	2,560	2,344	2,466	2,508	2,508	2,508	2,508	2,506	2,506	2,507	2,507	2,507	2,507	2,507	2,507	2,507	2,507	2,507	2,507	2,508	2,508	2,508	2,508		
City of Issaquah	2,209	1,873	1,873	1,891	1,891	1,891	1,891	1,891	1,892	1,892	1,892	1,892	1,892	1,893	1,893	1,893	1,893	1,893	1,894	1,894	1,895	1,896	1,897		
King County		3	3	3	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Subtotal	4,769	4,220	4,341	4,401	4,401	4,401	4,401	4,397	4,398	4,399	4,399	4,399	4,399	4,399	4,400	4,400	4,400	4,400	4,401	4,402	4,403	4,404	4,405		
Non-Residential																									
City of Sammamish	1,714	1,525	1,445	1,445	1,475	1,504	1,534	1,564	1,593	1,623	1,653	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	
City of Issaquah	1,178	874	901	906	906	906	906	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	
King County	143	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	
Cascade View	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
Subtotal	3,048	2,500	2,447	2,452	2,481	2,511	2,541	2,574	2,604	2,633	2,663	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693		
Mixed Use																									
City of Sammamish	1,619		68	267	429	597	768	930	1,102	1,274	1,447	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619		
City of Issaquah	101						18	25	31	32	32	34	35	37	38	41	45	48	52	56	64	73	81		
King County																									
Subtotal	1,720	0	68	267	429	597	768	947	1,126	1,305	1,479	1,653	1,654	1,656	1,657	1,661	1,664	1,668	1,671	1,675	1,683	1,692	1,700		
Subtotal - Plateau Zone	32,826	22,938	23,514	23,852	24,104	24,437	24,943	25,272	25,620	25,962	26,173	26,384	26,392	26,401	26,409	26,427	26,443	26,461	26,508	26,582	26,680	26,835	26,917		
Subtotal - Cascade View Zone	1,103	788	792	803	804	805	805	816	826	837	839	841	844	846	848	852	856	861	865	869	876	882	887		
Total System	33,929	23,726	24,306	24,655	24,908	25,242	25,748	26,088	26,446	26,800	27,012	27,225	27,236	27,246	27,257	27,279	27,299	27,321	27,373	27,452	27,555	27,717	27,805		

ERU Forecast by Service Zone & Customer Class

ERU Forecast by Service Zone and Customer Class	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	
Single-Family Residential																								
City of Sammamish	16,847	16,900	16,952	17,005	17,058	17,111	17,164	17,218	17,271	17,325	17,379	17,433	17,487	17,542	17,596	17,651	17,706	17,761	17,816	17,872	17,928	17,983	18,039	
City of Issaquah	943	961	981	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,171	1,195	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203
King County	418	421	425	428	432	435	439	443	446	450	454	458	462	465	469	473	477	481	485	489	493	497	502	502
Cascade View	879	884	890	895	900	906	911	917	922	928	933	939	945	950	956	962	968	973	979	985	991	997	1,003	1,003
Subtotal	19,087	19,167	19,247	19,328	19,410	19,493	19,576	19,660	19,744	19,829	19,915	20,001	20,088	20,161	20,225	20,289	20,354	20,419	20,484	20,549	20,615	20,681	20,747	
Multi-Family Residential																								
City of Sammamish	2,509	2,509	2,509	2,510	2,510	2,510	2,510	2,511	2,511	2,511	2,511	2,511	2,512	2,512	2,512	2,512	2,513	2,513	2,513	2,513	2,514	2,514	2,514	2,514
City of Issaquah	1,897	1,898	1,899	1,899	1,900	1,900	1,901	1,901	1,902	1,902	1,903	1,904	1,904	1,905	1,905	1,906	1,906	1,907	1,908	1,908	1,909	1,909	1,910	1,910
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	4,406	4,407	4,407	4,408	4,409	4,410	4,411	4,412	4,412	4,413	4,414	4,415	4,416	4,417	4,418	4,419	4,420	4,421	4,421	4,422	4,422	4,423	4,424	
Non-Residential																								
City of Sammamish	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682
City of Issaquah	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910
King County	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
Cascade View	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Subtotal	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693
Mixed Use																								
City of Sammamish	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619
City of Issaquah	89	98	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	1,708	1,717	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720
Subtotal - Plateau Zone	27,001	27,086	27,165	27,241	27,319	27,396	27,475	27,554	27,634	27,714	27,795	27,877	27,959	28,026	28,086	28,145	28,205	28,265	28,325	28,385	28,446	28,506	28,567	28,567
Subtotal - Cascade View Zone	893	898	903	909	914	919	925	930	936	941	947	953	958	964	970	975	981	987	993	999	1,005	1,011	1,017	1,017
Total System	27,893	27,983	28,068	28,150	28,232	28,316	28,400	28,484	28,570	28,655	28,742	28,829	28,917	28,990	29,055	29,120	29,186	29,252	29,318	29,384	29,450	29,517	29,584	29,584

ERU Forecast by Service Zone & Customer Class

ERU Forecast by Service Zone and Customer Class	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084
Single-Family Residential																							
City of Sammamish	18,095	18,152	18,208	18,265	18,322	18,379	18,436	18,493	18,551	18,609	18,667	18,725	18,783	18,841	18,900	18,959	19,018	19,077	19,136	19,196	19,256	19,316	19,376
City of Issaquah	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203
King County	506	510	514	519	523	527	532	536	541	545	550	554	559	563	568	573	578	583	587	592	597	602	607
Cascade View	1,009	1,015	1,021	1,028	1,034	1,040	1,046	1,052	1,059	1,065	1,072	1,078	1,085	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
Subtotal	20,813	20,880	20,947	21,014	21,081	21,149	21,217	21,285	21,353	21,422	21,491	21,560	21,629	21,697	21,761	21,824	21,888	21,952	22,016	22,081	22,145	22,210	22,275
Multi-Family Residential																							
City of Sammamish	2,514	2,515	2,515	2,515	2,515	2,516	2,516	2,516	2,516	2,517	2,517	2,517	2,518	2,518	2,518	2,518	2,519	2,519	2,519	2,519	2,520	2,520	2,520
City of Issaquah	1,910	1,911	1,912	1,912	1,913	1,913	1,914	1,915	1,915	1,916	1,916	1,917	1,917	1,918	1,919	1,919	1,920	1,920	1,921	1,922	1,922	1,923	1,923
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	4,425	4,426	4,427	4,427	4,428	4,429	4,430	4,431	4,432	4,433	4,433	4,434	4,435	4,436	4,437	4,438	4,439	4,440	4,441	4,442	4,443	4,443	4,443
Non-Residential																							
City of Sammamish	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682
City of Issaquah	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910
King County	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
Cascade View	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Subtotal	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693
Mixed Use																							
City of Sammamish	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619
City of Issaquah	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720
Subtotal - Plateau Zone	28,679	28,690	28,752	28,813	28,875	28,938	29,000	29,063	29,126	29,189	29,252	29,315	29,379	29,443	29,507	29,572	29,636	29,701	29,766	29,832	29,897	29,963	30,029
Subtotal - Cascade View Zone	1,023	1,029	1,035	1,041	1,047	1,053	1,060	1,066	1,072	1,079	1,085	1,092	1,098	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103
Total System	29,651	29,719	29,786	29,854	29,923	29,991	30,060	30,129	30,198	30,267	30,337	30,407	30,477	30,546	30,610	30,675	30,739	30,804	30,869	30,935	31,000	31,066	31,132

ERU Forecast by Service Zone & Customer Class

ERU Forecast by Service Zone and Customer Class		2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107
Single-Family Residential																								
City of Sammamish		19,486	19,497	19,557	19,618	19,679	19,740	19,802	19,863	19,925	19,987	20,049	20,112	20,174	20,237	20,300	20,363	20,427	20,490	20,554	20,618	20,682	20,747	20,811
City of Issaquah		1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203
King County		612	617	623	628	633	638	644	649	654	660	665	671	677	682	688	694	699	705	711	717	723	729	735
Cascade View		1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
Subtotal		22,341	22,406	22,472	22,538	22,605	22,671	22,738	22,805	22,872	22,940	23,007	23,075	23,144	23,212	23,281	23,350	23,419	23,488	23,558	23,628	23,698	23,768	23,839
Multi-Family Residential																								
City of Sammamish		2,520	2,521	2,521	2,521	2,521	2,522	2,522	2,522	2,522	2,523	2,523	2,523	2,523	2,524	2,524	2,524	2,524	2,525	2,525	2,525	2,525	2,526	2,526
City of Issaquah		1,924	1,924	1,925	1,926	1,926	1,927	1,927	1,928	1,929	1,929	1,930	1,930	1,931	1,932	1,932	1,933	1,933	1,934	1,934	1,935	1,936	1,937	1,937
King County		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal		4,444	4,445	4,446	4,447	4,448	4,448	4,449	4,450	4,451	4,452	4,453	4,453	4,454	4,455	4,456	4,457	4,458	4,458	4,459	4,460	4,461	4,462	4,463
Non-Residential																								
City of Sammamish		1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682
City of Issaquah		910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910
King County		88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
Cascade View		14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Subtotal		2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693
Mixed Use																								
City of Sammamish		1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619
City of Issaquah		101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
King County		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal		1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720
Subtotal - Plateau Zone		30,095	30,161	30,228	30,295	30,362	30,430	30,497	30,565	30,633	30,701	30,770	30,839	30,908	30,977	31,047	31,116	31,186	31,257	31,327	31,398	31,469	31,540	31,612
Subtotal - Cascade View Zone		1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103	1,103
Total System		31,198	31,264	31,331	31,398	31,465	31,533	31,600	31,668	31,736	31,804	31,873	31,942	32,011	32,080	32,150	32,219	32,289	32,360	32,430	32,501	32,572	32,643	32,715

ERU Forecast by Service Zone & Customer Class

ERU Forecast by Service Zone and Customer Class		2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130
Single-Family Residential																								
City of Sammamish	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869
City of Issaquah	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203
King County	741	748	754	760	766	773	779	786	792	799	806	812	819	826	833	840	847	854	861	868	876	883	890	897
Cascade View	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
Subtotal	23,902	23,909	23,915	23,921	23,927	23,934	23,940	23,947	23,953	23,960	23,967	23,973	23,980	23,987	23,994	24,001	24,008	24,015	24,022	24,029	24,037	24,044	24,051	24,058
Multi-Family Residential																								
City of Sammamish	2,526	2,526	2,527	2,527	2,527	2,528	2,528	2,528	2,528	2,528	2,528	2,529	2,529	2,529	2,530	2,530	2,530	2,530	2,530	2,531	2,531	2,531	2,531	2,532
City of Issaquah	1,937	1,938	1,939	1,939	1,940	1,940	1,941	1,942	1,942	1,943	1,943	1,944	1,944	1,944	1,945	1,946	1,946	1,947	1,947	1,948	1,949	1,949	1,950	1,950
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	4,464	4,464	4,465	4,466	4,467	4,468	4,469	4,469	4,470	4,471	4,472	4,473	4,474	4,474	4,475	4,476	4,477	4,478	4,479	4,480	4,480	4,481	4,482	4,482
Non-Residential																								
City of Sammamish	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682
City of Issaquah	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910
King County	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
Cascade View	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Subtotal	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693
Mixed Use																								
City of Sammamish	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619
City of Issaquah	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720
Subtotal - Plateau Zone	31,676	31,683	31,690	31,697	31,704	31,712	31,719	31,726	31,734	31,741	31,749	31,756	31,764	31,772	31,779	31,787	31,795	31,803	31,811	31,819	31,827	31,835	31,843	
Subtotal - Cascade View Zone	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403
Total System	32,779	32,786	32,793	32,800	32,807	32,815	32,822	32,829	32,837	32,844	32,852	32,859	32,867	32,875	32,882	32,890	32,898	32,906	32,914	32,922	32,930	32,938	32,946	

ERU Forecast by Service Zone & Customer Class

ERU Forecast by Service Zone and Customer Class		2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150
Single-Family Residential																					
City of Sammamish	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869	20,869
City of Issaquah	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203	1,203
King County	898	905	913	920	928	936	944	951	959	967	975	984	992	1,000	1,008	1,017	1,025	1,034	1,043	1,051	1,051
Cascade View	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090	1,090
Subtotal	24,059	24,066	24,074	24,081	24,089	24,097	24,105	24,112	24,120	24,128	24,136	24,145	24,153	24,161	24,169	24,178	24,186	24,195	24,204	24,212	24,212
Multi-Family Residential																					
City of Sammamish	2,532	2,532	2,532	2,533	2,533	2,533	2,533	2,534	2,534	2,534	2,535	2,535	2,535	2,535	2,535	2,536	2,536	2,536	2,536	2,537	2,537
City of Issaquah	1,951	1,952	1,952	1,953	1,953	1,954	1,955	1,955	1,956	1,956	1,957	1,958	1,958	1,959	1,959	1,960	1,961	1,961	1,961	1,962	1,962
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	4,483	4,484	4,485	4,485	4,486	4,487	4,488	4,489	4,490	4,491	4,491	4,492	4,493	4,494	4,495	4,496	4,497	4,497	4,498	4,498	4,499
Non-Residential																					
City of Sammamish	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682	1,682
City of Issaquah	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910
King County	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
Cascade View	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Subtotal	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693	2,693
Mixed Use																					
City of Sammamish	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619	1,619
City of Issaquah	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
King County	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720	1,720
Subtotal - Plateau Zone	31,852	31,860	31,868	31,877	31,885	31,894	31,903	31,911	31,920	31,929	31,938	31,947	31,956	31,965	31,974	31,984	31,993	32,002	32,012	32,021	32,021
Subtotal - Cascade View Zone	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403	1,403
Total System	32,955	32,963	32,971	32,980	32,988	32,997	33,006	33,014	33,023	33,032	33,041	33,050	33,059	33,068	33,077	33,087	33,096	33,105	33,115	33,124	33,124

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