# Peninsula CSD 2019 Financial Plan



Draft Tables 8/9/2019



BARTLE WELLS ASSOCIATES Independent Public Finance Advisors

DRAFT 8/09/2019

Table 1

Peninsula CSD Financial Plan

# **Peninsula CSD Growth Projections**

**Current Customers** 

	carrer		<u> -</u>		
Water	Wastewater	Fire	Streets & Lighting		Parks &
<b>EDUs</b>	EDUs	EBUs	EBUs	Drainage EBUs	<b>Recreation EBUs</b>
99	99		168		168
11	11		32		32
110	110		200		200
69					
400					
469					
579	110	2600	200	250	200
	99 11 <b>110</b> 69 400 <b>469</b>	Water EDUs         Wastewater EDUs           99         99           11         11           110         110	Water EDUs         Wastewater EBUs         Fire EBUs           99         99         11         11           110         110         140         10           69         400         469	Water EDUs         Wastewater EDUs         Fire EBUs         Streets & Lighting EBUs           99         99         168           11         11         32           110         110         200	EDUs         EBUs         EBUs         Drainage EBUs           99         99         168           11         11         32           110         110         200

#### Peninsula CSD / Samoa Growth Projection

		Residential	<b>Total Residential</b>	Commercial	<b>Total Commercial</b>	Total Water/	
Year	Phase	New Units <sup>1</sup>	Units	<b>New Units</b>	Units <sup>1</sup>	Wastewater EDUs	Growth %
2017/18			99		11	110	
2018/19	1		99		11	110	0%
2019/20		80	179		11	190	73%
2020/21		0	179		11	190	0%
2021/22		0	179		11	190	0%
2022/23	2	10	189		11	200	5%
2023/24	3	6	195		11	206	3%
2024/25	4	3	198		11	209	1%
2025/26	5	16	214		11	225	8%
2026/27	6	5	219		11	230	2%
2027/28	7	25	244		11	255	11%
2028/29	8	0	244	10	21	265	4%
2029/30	9	1	245		21	266	0%
2030/31	10	22	267		21	288	8%
2031/32	11	13	280		21	301	5%
2032/33	12	12	292		21	313	4%
2033/34	13	16	308		21	329	5%
2034/35	14	18	326		21	347	5%
2035/36	15	20	346		21	367	6%
2036/37	16	13	359		21	380	4%
2037/38	17	17	376		21	397	4%
2038/39	18	15	391		21	412	4%
2039/40	19	17	408		21	429	4%
2040/41	20	0	408	80	101	509	19%
2041/42		0	408		101	509	0%
2042/43		0	408		101	509	0%

<sup>1 -</sup> no growth projected for Fairhaven/Finntown

Source: EDUMethodology-calcs080218; BWA estimates based on latest projections

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Table 2
Peninsula CSD Financial Plan

# **Personnel Cost Allocation - Total Salary & Benefits**

% allocations

	Total Salary +				Streets &		Parks &	
Title	Benefits	Fire Services	Water	Wastewater	Lighting	Storm	Recreation	<b>Total All Services</b>
Utility Operations Lead	\$54,000	42%	2%	43%	5%	3%	5%	100%
Utility Worker (PT)	\$27,000	42%	2%	43%	5%	3%	5%	100%
Maintenance Worker (PT)	\$0	5%	5%	5%	5%	5%	75%	100%
District Manager/ Fire Chief	\$54,000	62%	2%	23%	5%	3%	5%	100%
Clerk/ Administrator	\$33,750	62%	2%	23%	5%	3%	5%	100%
Legal Counsel	\$10,000	62%	2%	23%	5%	3%	5%	100%
Auditor (Annual Audit)	\$0	62%	2%	23%	5%	3%	5%	100%
Board Stipend	\$0	62%	2%	23%	5%	3%	5%	100%
CPA/Bookkeeping	\$2,500	62%	2%	23%	5%	3%	5%	100%
Engineering/Ops Consult	\$3,000	72%	5%	23%				100%
IT Services	\$500	62%	2%	23%	5%	3%	5%	100%

\$ allocations

	Total Salary +				Streets &		Parks &	
Title	Benefits	Fire Services	Water	Wastewater	Lighting	Storm	Recreation	<b>Total All Services</b>
Utility Operations Lead	\$54,000	\$22,680	\$1,080	\$23,220	\$2,700	\$1,620	\$2,700	\$54,000
Utility Worker (PT)	\$27,000	\$11,340	\$540	\$11,610	\$1,350	\$810	\$1,350	\$27,000
Maintenance Worker (PT)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
District Manager/ Fire Chief	\$54,000	\$33,480	\$1,080	\$12,420	\$2,700	\$1,620	\$2,700	\$54,000
Clerk/ Administrator	\$33,750	\$20,925	\$675	\$7,763	\$1,688	\$1,013	\$1,688	\$33,750
Legal Counsel	\$10,000	\$6,200	\$200	\$2,300	\$500	\$300	\$500	\$10,000
Auditor (Annual Audit)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Board Stipend	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CPA/Bookkeeping	\$2,500	\$1,550	\$50	\$575	\$125	\$75	\$125	\$2,500
Engineering/Ops Consult	\$3,000	\$2,160	\$150	\$690	\$0	\$0	\$0	\$3,000
IT Services	\$500	\$310	\$10	\$115	\$25	\$15	\$25	\$500
Total	\$184,750	\$98,645	\$3,785	\$58,693	\$9,088	\$5,453	\$9,088	\$184,750

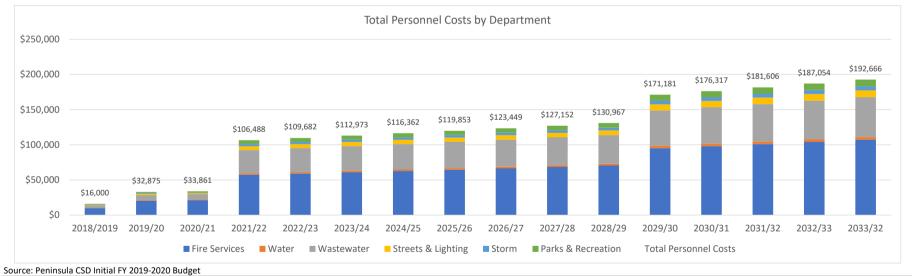
Source: Peninsula CSD Initial FY 2019-2020 Budget

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Table 3
Peninsula CSD Financial Plan

### Personnel Costs - Adjusted Projection

	Year:	Transition	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Full Time	ĺ															
Position	Salary + Benefits	2018/2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/32
Fire Chief/District Manager	\$54,000	Volunteer	Volunteer	Volunteer	1/2 Time	Full Time											
Fire Services		\$0	\$0	\$0	\$16,740	\$16,740	\$16,740	\$16,740	\$16,740	\$16,740	\$16,740	\$16,740	\$33,480	\$33,480	\$33,480	\$33,480	\$33,480
Water		\$0	\$0	\$0	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$1,080	\$1,080	\$1,080	\$1,080	\$1,080
Wastewater		\$0	\$0	\$0	\$6,210	\$6,210	\$6,210	\$6,210	\$6,210	\$6,210	\$6,210	\$6,210	\$12,420	\$12,420	\$12,420	\$12,420	\$12,420
Streets & Lighting		\$0	\$0	\$0	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700
Storm		\$0	\$0	\$0	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$1,620	\$1,620	\$1,620	\$1,620	\$1,620
Parks & Recreation		\$0	\$0	\$0	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$2,700	\$2,700	\$2,700	\$2,700	\$2,700
Annual Projected Total		\$0	\$0	\$0	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$54,000	\$54,000	\$54,000	\$54,000	\$54,000
Clerk/Administrator	\$33,750	Volunteer	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time
Fire Services		\$0	\$10,463	\$10,463	\$10,463	\$10,463	\$10,463	\$10,463	\$10,463		\$10,463	\$10,463	\$10,463	\$10,463	\$10,463	\$10,463	\$10,463
Water		\$0	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338	\$338
Wastewater		\$0	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881	\$3,881
Streets & Lighting		\$0	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844
Storm		\$0	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506	\$506
Parks & Recreation		\$0	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844	\$844
Annual Projected Total		\$0	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875	\$16,875
Utility Operations - Lead	\$54,000	Volunteer	Volunteer	Volunteer	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time								
Fire Services		\$0	\$0	\$0	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340	\$11,340
Water		\$0	\$0	\$0	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540	\$540
Wastewater		\$0	\$0	\$0	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610	\$11,610
Streets & Lighting		\$0	\$0	\$0	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350
Storm		\$0	\$0	\$0	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$810	\$810
Parks & Recreation		\$0	\$0	\$0	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350	\$1,350
Annual Projected Total		\$0	\$0	\$0	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000	\$27,000
Utility Worker	\$27,000	Volunteer	Volunteer	Volunteer	1/2 Time	1/2 Time	1/2 Time	1/2 Time	1/2 Time								
Fire Services		\$0	\$0	\$0	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670	\$5,670
Water		\$0	\$0	\$0	\$270	\$270	\$270	\$270	\$270	\$270	\$270	\$270	\$270	\$270	\$270	\$270	\$270
Wastewater		\$0	\$0	\$0	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805	\$5,805
Streets & Lighting		\$0	\$0	\$0	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675
Storm		\$0	\$0	\$0	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405
Parks & Recreation		\$0	\$0	\$0	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675	\$675
Annual Projected Total		\$0	\$0	\$0	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	\$13,500	<b>\$13,500</b> (cont'd)

All Other Employees Fire Services	\$16,000	<b>Full Time</b> \$9,920	Full Time \$9,920	\$9,920	\$9,920	Full Time \$9,920	\$9,920	\$9,920	\$9,920	\$9,920	\$9,920	\$9,920	\$9,920	\$9,920	\$9,920	\$9,920	(cont'd) Full Time \$9,920
Water		\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320	\$320
Wastewater		\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680	\$3,680
Streets & Lighting		\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800
Storm		\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480	\$480
Parks & Recreation		\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800	\$800
Annual Projected Total		\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000	\$16,000
Total Personnel Costs - Inflation Adjusted	\$184,750			3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
Fire Services	<b>420.9700</b>	\$9,920	\$20,383	\$20,994	\$57.429	\$59.152	\$60.927	\$62.754	\$64,637	\$66,576	\$68.573	\$70,631	\$95,247	\$98,104	\$101.047	\$104.079	\$107,201
Water		\$320	\$658	\$677	\$2,130	\$2,194	\$2,259	\$2,327	\$2,397	\$2,469	\$2,543	\$2,619	\$3,424	\$3,526	\$3,632	\$3,741	\$3,853
Wastewater		\$3,680	\$7,561	\$7,788	\$33,085	\$34,078	\$35,100	\$36,153	\$37,238	\$38,355	\$39,506	\$40,691	\$50,257	\$51,765	\$53,318	\$54,918	\$56,565
Wastewater Streets & Lighting		\$3,680 \$800	\$7,561 \$1,644	\$7,788 \$1,693	\$33,085 \$5,324	\$34,078 \$5,484	\$35,100 \$5,649	\$36,153 \$5,818	\$37,238 \$5,993	\$38,355 \$6,172	\$39,506 \$6,358	\$40,691 \$6,548	\$50,257 \$8,559	\$51,765 \$8,816	\$53,318 \$9,080	\$54,918 \$9,353	\$56,565 \$9,633
				, ,	, ,		, ,										
Streets & Lighting		\$800	\$1,644	\$1,693	\$5,324	\$5,484	\$5,649	\$5,818	\$5,993	\$6,172	\$6,358	\$6,548	\$8,559	\$8,816	\$9,080	\$9,353	\$9,633



DRAFT 8/09/2019 Table 4 Peninsula CSD Financial Plan

## **SPFPD Fire Revenue Projection**

Fund Type	2018/2019	2019/2020	Escalator	2020/2021	2021/2022	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Rate/Fee Revenue												
Property Taxes - Current secured	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Property Taxes- Prior Years	\$1,000	\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
Property Assessments <sup>1</sup>	\$60,000	\$60,000	3%	\$134,000	\$138,020	\$142,161	\$146,425	\$150,818	\$155,343	\$160,003	\$164,803	\$169,747
Benefit Assessment Fees	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Benefit Assessment Revenues	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
User Fee Revenues	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Rate/Fee Revenue	\$61,000	\$61,000		\$135,030	\$139,081	\$143,253	\$147,551	\$151,977	\$156,537	\$161,233	\$166,070	\$171,052
Other Revenue		_		_								
Interest Earnings	\$1,500	\$1,500	3%	\$1,545	\$1,591	\$1,639	\$1,688	\$1,739	\$1,791	\$1,845	\$1,900	\$1,957
Rents & Concessions	\$48,000	\$48,000	3%	\$49,440	\$50,923	\$52,451	\$54,024	\$55,645	\$57,315	\$59,034	\$60,805	\$62,629
Other Revenue	\$700	\$700	3%	\$721	\$743	\$765	\$788	\$811	\$836	\$861	\$887	\$913
Trust Fund Revenue	\$50	\$50	3%	\$52	\$53	\$55	\$56	\$58	\$60	\$61	\$63	\$65
Office Equipment/Furniture Capital												
Contribution	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PCSD Facilities	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Special Use Income	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Contingency Fund Contribution	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unrestricted fund carryover	\$0	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Other Revenue	\$50,250	\$50,250		\$51,758	\$53,310	\$54,910	\$56,557	\$58,254	\$60,001	\$61,801	\$63,655	\$65,565
Total All Funds	\$111,250	\$111,250		\$186,788	\$192,391	\$198,163	\$204,108	\$210,231	\$216,538	\$223,034	\$229,725	\$236,617
Previous Year EBUs	2,600	2,600		2,680	2,680	2,680	2,690	2,696	2,699	2,715	2,720	2,745
New Residential Units - Samoa	0	80		0	0	10	6	3	16	5	25	0
New Commerical Units - Samoa	0	0		0	0	0	0	0	0	0	0	10
Total Fire EBUs	2,600	2,680		2,680	2,680	2,690	2,696	2,699	2,715	2,720	2,745	2,755

<sup>1 -</sup> All revenues aggregated until assessments allocated, assumes voter approval to increase assessment in 2020 and CPI adjustment thereafter Source: Peninsula CSD Initial 2018-19 Budget

DRAFT 8/09/2019

Table 5

Peninsula CSD Financial Plan

## **Revenue and Detailed Operating Expenditures - Fire**

						red = i	ncorporated	d since lates	t draft		
Total Fire Revenue - Table 4	\$111,250		\$186,788	\$192,391	\$198,163	\$204,108	\$210,231	\$216,538	\$223,034	\$229,725	\$236,617
	Budget										
Fire Operating Costs - Fund Type	•	Escalator	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Fire Personnel Costs - Table 3	\$20,383		\$20,994	\$57,429	\$59,152	\$60,927	\$62,754	\$64,637	\$66,576	\$68,573	\$70,631
Trust Fund Expenditures	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Retirement Benefits (CALPers)	\$85,000	3%	\$87,550	\$90,177	\$92,882	\$95,668	\$98,538	\$101,494	\$104,539	\$107,675	\$110,906
Workers Compensation	\$10,000	3%	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$11,941	\$12,299	\$12,668	\$13,048
Clothing	\$300	3%	\$309	\$318	\$328	\$338	\$348	\$358	\$369	\$380	\$391
Communications	\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
Emergency Services Building Insurance & Operation	\$5,000	3%	\$5,150	\$5,305	\$5,464	\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524
Food	\$300	3%	\$309	\$318	\$328	\$338	\$348	\$358	\$369	\$380	\$391
District Expense	\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
Maintenance	\$3,500	3%	\$3,605	\$3,713	\$3,825	\$3,939	\$4,057	\$4,179	\$4,305	\$4,434	\$4,567
Equipment Maintenance	\$100	3%	\$103	\$106	\$109	\$113	\$116	\$119	\$123	\$127	\$130
Fuel (8671 & Equiptment Fuel)	\$5,000	3%	\$5,150	\$5,305	\$5,464	\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524
5130 Structure Maintenance	\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
Maintenance-Structure Rental Property	\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
Medical Supplies	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Misc Expences	\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305
Office Expense	\$500	3%	\$515	\$530	\$546	\$563	\$580	\$597	\$615	\$633	\$652
Professional Services	\$4,300	3%	\$4,429	\$4,562	\$4,699	\$4,840	\$4,985	\$5,134	\$5,288	\$5,447	\$5,611
Rents Leases & Structures	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5100 Commerical Liability Insurance	\$4,000	3%	\$4,120	\$4,244	\$4,371	\$4,502	\$4,637	\$4,776	\$4,919	\$5,067	\$5,219
Small Tools & Instruments	\$200	3%	\$206	\$212	\$219	\$225	\$232	\$239	\$246	\$253	\$261
Special District Expense	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Special Expense-Fire Equipment	\$0	3%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Special Expense-Prevention Division	\$300	3%	\$309	\$318	\$328	\$338	\$348	\$358	\$369	\$380	\$391
Special Expense Training	\$200	3%	\$206	\$212	\$219	\$225	\$232	\$239	\$246	\$253	\$261
Utilities	\$6,500	3%	\$6,695	\$6,896	\$7,103	\$7,316	\$7,535	\$7,761	\$7,994	\$8,234	\$8,481
Total Fire Fund	\$150,583		\$155,100	\$195,558	\$201,425	\$207,468	\$213,692	\$220,103	\$226,706	\$233,507	\$240,512
Fire EBUs	2,680		2,680	2,680	2,690	2,696	2,699	2,715	2,720	2,745	2,755
Annual Surplus/(Defecit)	(\$39,333)		\$31,688	(\$3,167)	(\$3,262)	(\$3,360)	(\$3,461)	(\$3,565)	(\$3,672)	(\$3,782)	(\$3,895)
Does not include Capital Outlay (Table 8)											
Peninsula CSD Initial FY 2019-20 Budget											

DRAFT 8/09/2019
Table 6
Peninsula CSD Financial Plan

# **Water/Wastewater Revenue Projection**

<u>Water</u>	2018/19	2019/20	Escalator	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Projected EDUs (Samoa Only - Table 1)	110	190	•	190	190	200	206	209	225	230	255	265
Monthly Service Charge - Water		\$48.26	3%	\$49.71	\$51.20	\$52.74	\$54.32	\$55.95	\$57.62	\$59.35	\$61.13	\$62.97
Monthly Service Water Revenue Samoa	\$0	\$110,033		\$113,334	\$116,734	\$126,564	\$134,272	\$140,314	\$155,587	\$163,816	\$187,071	\$200,239
Other	\$0	\$2,000	3%	\$2,060	\$2,122	\$2,185	\$2,251	\$2,319	\$2,388	\$2,460	\$2,534	\$2,610
<b>Total Water Operating Fund Revenues</b>	\$0	\$112,033		\$115,394	\$118,856	\$128,749	\$136,523	\$142,633	\$157,976	\$166,276	\$189,605	\$202,849
<u>Wastewater</u>	2018/19	2019/20	Escalator	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
<u>Wastewater</u> Projected EDUs (Samoa Only - Same as Water)	<b>2018/19</b> 110	<b>2019/20</b> 190	Escalator	<b>2020/21</b> 190	<b>2021/22</b> 190	<b>2022/23</b> 200	<b>2023/24</b> 206	<b>2024/25</b> 209	<b>2025/26</b> 225	<b>2026/27</b> 230	<b>2027/28</b> 255	<b>2028/29</b> 265
			Escalator 3%									
Projected EDUs (Samoa Only - Same as Water)		190		190	190	200	206 \$61.90	209	225	230	255	265
Projected EDUs (Samoa Only - Same as Water) Monthly Service Charge - Wastewater	110	190 \$55.00	3%	190 \$56.65	190 \$58.35	200 \$60.10	206 \$61.90	209 \$63.76	225 \$65.67	230 \$67.64	255 \$69.67	265 \$71.76
Projected EDUs (Samoa Only - Same as Water) Monthly Service Charge - Wastewater Monthly Service WW Revenue Samoa	110 \$0	\$55.00 \$125,400	3%	190 \$56.65 <b>\$129,162</b>	190 \$58.35 <b>\$133,037</b>	200 \$60.10 <b>\$144,240</b>	206 \$61.90 <b>\$153,024</b>	209 \$63.76 <b>\$159,910</b>	225 \$65.67 <b>\$177,317</b>	230 \$67.64 <b>\$186,695</b>	255 \$69.67 <b>\$213,197</b>	265 \$71.76 <b>\$228,205</b>

Assumes rate implementation July 1, 2019 Does not include Fairhaven revenue \$15/mo

Source: Samoa Water System Operations Budget Nov 2018

DRAFT 8/09/2019 Table 7

Peninsula CSD Financial Plan

#### **Detailed Operating Expenditures - Water**

highlight = more refined projection to be developed

Total Water Revenue - Table 6 \$112,033 \$115,394 \$118,856 \$128,749 \$136,523 \$142,633 \$157,976 \$166,276 \$189,605 \$202,849

Total Water Neverlue - Table 0			7112,033	7113,337	7110,030	7120,773	7130,323	7172,033	7137,370	7100,270	7105,005	7202,073
	Budget											
Water Operating Costs - Fund Type	Current	Escalator	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Salaries-Maintenance*	\$42,920	3%	\$44,208	\$45,534	\$46,900	\$48,307	\$49,756	\$51,249	\$52,786	\$54,370	\$56,001	\$57,681
Overtime Salaries - Maintenance*	\$8,584	3%	\$8,842	\$9,107	\$9,380	\$9,661	\$9,951	\$10,250	\$10,557	\$10,874	\$11,200	\$11,536
Contract Engineering Services	\$15,000	3%	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$17,911	\$18,448	\$19,002	\$19,572	\$20,159
Supplies	\$3,500	3%	\$3,605	\$3,713	\$3,825	\$3,939	\$4,057	\$4,179	\$4,305	\$4,434	\$4,567	\$4,704
Chemicals	\$1,200	3%	\$1,236	\$1,273	\$1,311	\$1,351	\$1,391	\$1,433	\$1,476	\$1,520	\$1,566	\$1,613
Miscellaneous	\$1,500	3%	\$1,545	\$1,591	\$1,639	\$1,688	\$1,739	\$1,791	\$1,845	\$1,900	\$1,957	\$2,016
Lab Testing	\$1,500	3%	\$1,545	\$1,591	\$1,639	\$1,688	\$1,739	\$1,791	\$1,845	\$1,900	\$1,957	\$2,016
Memberships/Dues	\$350	3%	\$361	\$371	\$382	\$394	\$406	\$418	\$430	\$443	\$457	\$470
Cost of Wholesale Water from HBMWD	\$5,661	3%	\$5,831	\$6,006	\$6,186	\$6,372	\$6,563	\$6,760	\$6,962	\$7,171	\$7,386	\$7,608
Vehicle Expense	\$750	3%	\$773	\$796	\$820	\$844	\$869	\$896	\$922	\$950	\$979	\$1,008
Electricity	\$40,000	3%	\$41,200	\$42,436	\$43,709	\$45,020	\$46,371	\$47,762	\$49,195	\$50,671	\$52,191	\$53,757
Small Tools	\$500	3%	\$515	\$530	\$546	\$563	\$580	\$597	\$615	\$633	\$652	\$672
Cellular Phone	\$600	3%	\$618	\$637	\$656	\$675	\$696	\$716	\$738	\$760	\$783	\$806
Publishing/Notices	\$350	3%	\$361	\$371	\$382	\$394	\$406	\$418	\$430	\$443	\$457	\$470
Schools/Training	\$350	3%	\$361	\$371	\$382	\$394	\$406	\$418	\$430	\$443	\$457	\$470
Licenses	\$350	3%	\$361	\$371	\$382	\$394	\$406	\$418	\$430	\$443	\$457	\$470
Conferences/Meetings	\$500	3%	\$515	\$530	\$546	\$563	\$580	\$597	\$615	\$633	\$652	\$672
Collections	\$750	3%	\$773	\$796	\$820	\$844	\$869	\$896	\$922	\$950	\$979	\$1,008
Professional Services Legal/Accounting	\$1,200	3%	\$1,236	\$1,273	\$1,311	\$1,351	\$1,391	\$1,433	\$1,476	\$1,520	\$1,566	\$1,613
Bad Debt	\$500	3%	\$515	\$530	\$546	\$563	\$580	\$597	\$615	\$633	\$652	\$672
Total Water Fund	\$126,065		\$129,847	\$133,742	\$137,755	\$141,887	\$146,144	\$150,528	\$155,044	\$159,695	\$164,486	\$169,421
Water EDUs	110		190	190	190	200	206	209	225	230	255	265

Annual Surplus/(Defecit) (\$17,814) (\$18,349) (\$18,899) (\$13,138) (\$9,621) (\$7,896) \$2,931 \$6,581 \$25,118 \$33,428

Source: Samoa Water System Operations Budget Nov 2018

<sup>\*</sup>Conservative assumption higher than personnel costs projected in Table 3 Does not include Capital Outlay (replaced by Table 12+13)

DRAFT 8/09/2019 Table 8 Peninsula CSD Financial Plan

#### **Detailed Operating Expenditures - Wastewater**

red = incorporated since latest draft highlight = more refined projection to be developed

\$127,900 \$131,737 \$135,689 \$146,972 \$155,838 \$162,808 \$180,302 \$189,770 \$216,364 \$231,467 **Total Wastewater Revenue - Table 6** 

											, -
Budget											
Current	Escalator	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
\$71,463	3%	\$73,606	\$75,815	\$78,089	\$80,432	\$82,845	\$85,330	\$87,890	\$90,527	\$93,242	\$96,040
\$14,293	3%	\$14,722	\$15,163	\$15,618	\$16,087	\$16,570	\$17,067	\$17,579	\$18,106	\$18,649	\$19,209
\$15,000	3%	\$15,450	\$15,914	\$16,391	\$16,883	\$17,389	\$17,911	\$18,448	\$19,002	\$19,572	\$20,159
\$20,000	3%	\$20,600	\$21,218	\$21,855	\$22,510	\$23,185	\$23,881	\$24,597	\$25,335	\$26,095	\$26,878
\$9,000	3%	\$9,270	\$9,548	\$9,835	\$10,130	\$10,433	\$10,746	\$11,069	\$11,401	\$11,743	\$12,095
\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305	\$1,344
\$700	3%	\$721	\$743	\$765	\$788	\$811	\$836	\$861	\$887	\$913	\$941
\$700	3%	\$721	\$743	\$765	\$788	\$811	\$836	\$861	\$887	\$913	\$941
\$500	3%	\$515	\$530	\$546	\$563	\$580	\$597	\$615	\$633	\$652	\$672
\$5,000	3%	\$5,150	\$5,305	\$5,464	\$5,628	\$5,796	\$5,970	\$6,149	\$6,334	\$6,524	\$6,720
\$11,500	3%	\$11,845	\$12,200	\$12,566	\$12,943	\$13,332	\$13,732	\$14,144	\$14,568	\$15,005	\$15,455
\$4,500	3%	\$4,635	\$4,774	\$4,917	\$5,065	\$5,217	\$5,373	\$5,534	\$5,700	\$5,871	\$6,048
\$7,550	3%	\$7,777	\$8,010	\$8,250	\$8,498	\$8,753	\$9,015	\$9,286	\$9,564	\$9,851	\$10,147
\$1,500	3%	\$1,545	\$1,591	\$1,639	\$1,688	\$1,739	\$1,791	\$1,845	\$1,900	\$1,957	\$2,016
\$1,000	3%	\$1,030	\$1,061	\$1,093	\$1,126	\$1,159	\$1,194	\$1,230	\$1,267	\$1,305	\$1,344
\$1,800	3%	\$1,854	\$1,910	\$1,967	\$2,026	\$2,087	\$2,149	\$2,214	\$2,280	\$2,349	\$2,419
\$750	3%	\$773	\$796	\$820	\$844	\$869	\$896	\$922	\$950	\$979	\$1,008
\$750	3%	\$773	\$796	\$820	\$844	\$869	\$896	\$922	\$950	\$979	\$1,008
\$900	3%	\$927	\$955	\$983	\$1,013	\$1,043	\$1,075	\$1,107	\$1,140	\$1,174	\$1,210
\$3,000	3%	\$3,090	\$3,183	\$3,278	\$3,377	\$3,478	\$3,582	\$3,690	\$3,800	\$3,914	\$4,032
\$1,500	3%	\$1,545	\$1,591	\$1,639	\$1,688	\$1,739	\$1,791	\$1,845	\$1,900	\$1,957	\$2,016
\$1,500	3%	\$1,545	\$1,591	\$1,639	\$1,688	\$1,739	\$1,791	\$1,845	\$1,900	\$1,957	\$2,016
\$2,400	3%	\$2,472	\$2,546	\$2,623	\$2,701	\$2,782	\$2,866	\$2,952	\$3,040	\$3,131	\$3,225
\$176,306		\$181,595	\$187,043	\$192,654	\$198,433	\$204,386	\$210,518	\$216,834	\$223,339	\$230,039	\$236,940
110		190	190	190	200	206	209	225	230	255	265
	\$71,463 \$14,293 \$15,000 \$20,000 \$9,000 \$1,000 \$700 \$5,000 \$5,000 \$11,500 \$4,500 \$1,500 \$1,800 \$755 \$1,500 \$1,800 \$750 \$1,800 \$750 \$1,800 \$1,800 \$1,400 \$1,800 \$1,800 \$1,500 \$1,500 \$1,500	Current         Escalator           \$71,463         3%           \$14,293         3%           \$15,000         3%           \$20,000         3%           \$9,000         3%           \$1,000         3%           \$700         3%           \$700         3%           \$500         3%           \$5,000         3%           \$5,000         3%           \$1,500         3%           \$1,500         3%           \$1,500         3%           \$7,55         3%           \$7,50         3%           \$750         3%           \$900         3%           \$1,500         3%           \$1,500         3%           \$2,400         3%	Current         Escalator         2019/20           \$71,463         3%         \$73,606           \$14,293         3%         \$14,722           \$15,000         3%         \$20,600           \$9,000         3%         \$20,600           \$9,000         3%         \$9,270           \$1,000         3%         \$721           \$700         3%         \$721           \$500         3%         \$515           \$5,000         3%         \$5,150           \$11,500         3%         \$1,845           \$4,500         3%         \$7,777           \$1,500         3%         \$1,845           \$7,550         3%         \$7,777           \$1,500         3%         \$1,854           \$750         3%         \$773           \$750         3%         \$773           \$900         3%         \$927           \$3,000         3%         \$3,090           \$1,500         3%         \$1,545           \$1,500         3%         \$2,472           \$176,306         \$181,595	Current         Escalator         2019/20         2020/21           \$71,463         3%         \$73,606         \$75,815           \$14,293         3%         \$14,722         \$15,163           \$15,000         3%         \$15,450         \$15,914           \$20,000         3%         \$20,600         \$21,218           \$9,000         3%         \$9,270         \$9,548           \$1,000         3%         \$1,030         \$1,061           \$700         3%         \$721         \$743           \$700         3%         \$721         \$743           \$500         3%         \$515         \$530           \$5,000         3%         \$5,150         \$5,305           \$11,500         3%         \$11,845         \$12,200           \$4,500         3%         \$7,777         \$8,010           \$1,500         3%         \$1,545         \$1,591           \$1,000         3%         \$1,030         \$1,061           \$1,800         3%         \$7,777         \$8,010           \$1,800         3%         \$1,854         \$1,910           \$750         3%         \$773         \$796           \$900         3%	Current         Escalator         2019/20         2020/21         2021/22           \$71,463         3%         \$73,606         \$75,815         \$78,089           \$14,293         3%         \$14,722         \$15,163         \$15,618           \$15,000         3%         \$15,450         \$15,914         \$16,391           \$20,000         3%         \$20,600         \$21,218         \$21,855           \$9,000         3%         \$9,270         \$9,548         \$9,835           \$1,000         3%         \$1,030         \$1,061         \$1,093           \$700         3%         \$721         \$743         \$765           \$700         3%         \$721         \$743         \$765           \$500         3%         \$515         \$530         \$546           \$5,000         3%         \$5,150         \$5,305         \$5,464           \$11,500         3%         \$515         \$530         \$546           \$1,500         3%         \$7,777         \$8,010         \$8,250           \$1,500         3%         \$1,545         \$1,591         \$1,639           \$1,000         3%         \$1,854         \$1,910         \$1,967	Current         Escalator         2019/20         2020/21         2021/22         2022/23           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126           \$700         3%         \$721         \$743         \$765         \$788           \$700         3%         \$515         \$530         \$546         \$563           \$5,000         3%         \$515         \$530         \$546         \$563           \$5,000         3%         \$515         \$530         \$546         \$563           \$11,500         3%         \$1,845         \$12,200         \$12,566         \$12,943           \$4,500         3%         \$7,777         \$8,010         \$8,250 <t< td=""><td>Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$11,59           \$700         3%         \$721         \$743         \$765         \$788         \$811           \$700         3%         \$515         \$530         \$546         \$563         \$580           \$5,000         3%         \$5,150         \$5,305         \$5,464         \$5,628         \$5,796           \$11,500         3%         \$1,845         \$12,200         \$12,566         \$12,943         \$13,332</td><td>Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570         \$17,067           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$23,881           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$1,159         \$1,194           \$700         3%         \$721         \$743         \$765         \$788         \$811         \$836           \$700         3%         \$515         \$530         \$546         \$563         \$580         \$597           \$1,500         3%         \$1,845         \$12,200         \$12,566         \$12,943</td><td>Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25         2025/26           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330         \$87,890           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570         \$17,067         \$17,579           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911         \$18,448           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$23,881         \$24,597           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746         \$11,069           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$1,159         \$1,194         \$1,230           \$700         3%         \$721         \$743         \$765         \$788         \$811         \$836         \$861           \$700         3%         \$515         \$530         \$546         \$563         \$580</td><td>Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25         2025/26         2026/27           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330         \$87,890         \$90,527           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570         \$17,067         \$17,579         \$18,106           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911         \$18,448         \$19,002           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$23,881         \$24,597         \$25,335         \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746         \$11,069         \$11,401           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$1,194         \$1,230         \$1,267           \$700         3%         \$721         \$743         \$765         \$788         \$811         \$836         \$861         \$887</td><td>Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25         2025/26         2026/27         2027/28           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330         \$87,890         \$90,527         \$93,242           \$14,293         3%         \$14,722         \$15,163         \$16,687         \$16,687         \$17,670         \$17,579         \$18,106         \$18,649           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911         \$18,448         \$19,002         \$19,572           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$24,597         \$25,335         \$26,095           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746         \$11,069         \$11,401         \$11,743           \$1,000         3%         \$7,271         \$743         \$765         \$788         \$811         \$836         \$861         \$887         \$913           \$500         3%         \$515         \$530</td></t<>	Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$11,59           \$700         3%         \$721         \$743         \$765         \$788         \$811           \$700         3%         \$515         \$530         \$546         \$563         \$580           \$5,000         3%         \$5,150         \$5,305         \$5,464         \$5,628         \$5,796           \$11,500         3%         \$1,845         \$12,200         \$12,566         \$12,943         \$13,332	Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570         \$17,067           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$23,881           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$1,159         \$1,194           \$700         3%         \$721         \$743         \$765         \$788         \$811         \$836           \$700         3%         \$515         \$530         \$546         \$563         \$580         \$597           \$1,500         3%         \$1,845         \$12,200         \$12,566         \$12,943	Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25         2025/26           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330         \$87,890           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570         \$17,067         \$17,579           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911         \$18,448           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$23,881         \$24,597           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746         \$11,069           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$1,159         \$1,194         \$1,230           \$700         3%         \$721         \$743         \$765         \$788         \$811         \$836         \$861           \$700         3%         \$515         \$530         \$546         \$563         \$580	Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25         2025/26         2026/27           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330         \$87,890         \$90,527           \$14,293         3%         \$14,722         \$15,163         \$15,618         \$16,087         \$16,570         \$17,067         \$17,579         \$18,106           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911         \$18,448         \$19,002           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$23,881         \$24,597         \$25,335         \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746         \$11,069         \$11,401           \$1,000         3%         \$1,030         \$1,061         \$1,093         \$1,126         \$1,194         \$1,230         \$1,267           \$700         3%         \$721         \$743         \$765         \$788         \$811         \$836         \$861         \$887	Current         Escalator         2019/20         2020/21         2021/22         2022/23         2023/24         2024/25         2025/26         2026/27         2027/28           \$71,463         3%         \$73,606         \$75,815         \$78,089         \$80,432         \$82,845         \$85,330         \$87,890         \$90,527         \$93,242           \$14,293         3%         \$14,722         \$15,163         \$16,687         \$16,687         \$17,670         \$17,579         \$18,106         \$18,649           \$15,000         3%         \$15,450         \$15,914         \$16,391         \$16,883         \$17,389         \$17,911         \$18,448         \$19,002         \$19,572           \$20,000         3%         \$20,600         \$21,218         \$21,855         \$22,510         \$23,185         \$24,597         \$25,335         \$26,095           \$9,000         3%         \$9,270         \$9,548         \$9,835         \$10,130         \$10,433         \$10,746         \$11,069         \$11,401         \$11,743           \$1,000         3%         \$7,271         \$743         \$765         \$788         \$811         \$836         \$861         \$887         \$913           \$500         3%         \$515         \$530

Annual Surplus/(Defecit) (\$53,695) (\$55,306) (\$56,965) (\$51,462) (\$48,548) (\$47,710) (\$36,532) (\$33,569) (\$13,674) (\$5,473)

Does not include Capital Outlay (Table 8)

Source: Samoa Wastewater Projections Budget Nov 2018

<sup>\*</sup>Conservative assumption higher than personnel costs projected in Table 3

DRAFT 8/09/2019 Table 9 Peninsula CSD Financial Plan

## **Detailed Operating Expenditures - Stormdrain**

#### Placeholder

	Estimate	2019/20	Escalation	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Storm Personnel Costs - Table 3	\$986	\$986		\$1,016	\$3,195	\$3,290	\$3,389	\$3,491	\$3,596	\$3,703	\$3,815	\$3,929
Operations - Stormdrain	\$10,000	\$10,000	3%	\$10,300	\$10,609	\$10,927	\$11,255	\$11,593	\$11,941	\$12,299	\$12,668	\$13,048
Total Storm Fund	\$10,986	\$10,986		\$11,316	\$13,804	\$14,218	\$14,644	\$15,084	\$15,536	\$16,002	\$16,482	\$16,977
Previous Year EBUs		250		330	330	330	340	346	349	365	370	395
New Residential Units - Samoa		80		0	0	10	6	3	16	5	25	0
New Commerical Units - Samoa		0		0	0	0	0	0	0	0	0	10
Stormdrain EBUs		330		330	330	340	346	349	365	370	395	405
Monthly Storm Rate per EBU		\$2.77		\$2.86	\$3.49	\$3.48	\$3.53	\$3.60	\$3.55	\$3.60	\$3.48	\$3.49

DRAFT 8/09/2019 Table 10 Peninsula CSD Financial Plan

## **Detailed Operating Expenditures - Streets&Lighting**

#### Placeholder

	Estimate	2019/20	Escalation	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Streets Personnel Costs - Table 3	\$1,644	\$1,644		\$1,693	\$5,324	\$5,484	\$5,649	\$5,818	\$5,993	\$6,172	\$6,358	\$6,548
Operations - Streets&Lighting	\$50,000	\$50,000	3%	\$51,500	\$53,045	\$54,636	\$56,275	\$57,964	\$59,703	\$61,494	\$63,339	\$65,239
Total Streets&Lighting Fund	\$51,644	\$51,644	•	\$53,193	\$58,369	\$60,120	\$61,924	\$63,782	\$65,695	\$67,666	\$69,696	\$71,787
Previous Year EBUs		200		280	280	280	290	296	299	315	320	345
New Residential Units - Samoa		80		0	0	10	6	3	16	5	25	0
New Commerical Units - Samoa		0		0	0	0	0	0	0	0	0	10
Streetlight EBUs		280		280	280	290	296	299	315	320	345	355
Annual Assessment per EBU		\$184		\$190	\$208	\$207	\$209	\$213	\$209	\$211	\$202	\$202

DRAFT 8/09/2019 Table 11 Peninsula CSD Financial Plan

# **Detailed Operating Expenditures - Parks&Rec**

Placeholder				red = incorporated since latest draft									
	Estimate	2019/20	Escalation	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	
Parks Personnel Costs - Table 3	\$1,644	\$1,644		\$1,693	\$5,324	\$5,484	\$5,649	\$5,818	\$5,993	\$6,172	\$6,358	\$6,548	
Samoa Basic Trail Maintenance		\$24,000	3%	\$24,720	\$25,462	\$26,225	\$27,012	\$27,823	\$28,657	\$29,517	\$30,402	\$31,315	
Operations -Parks&Rec	\$20,000	\$20,000	3%	\$20,600	\$21,218	\$21,855	\$22,510	\$23,185	\$23,881	\$24,597	\$25,335	\$26,095	
Total Parks&Rec Fund	\$21,644	\$45,644		\$47,013	\$52,004	\$53,564	\$55,171	\$56,826	\$58,531	\$60,287	\$62,095	\$63,958	
Previous Year EBUs		200		280	280	280	290	296	299	315	320	345	
New Residential Units - Samoa		80		0	0	10	6	3	16	5	25	0	
New Commerical Units - Samoa		0		0	0	0	0	0	0	0	0	10	
Parks&Rec EBUs		280		280	280	290	296	299	315	320	345	355	
Annual Assessment per EBU		\$163		\$168	\$186	\$185	\$186	\$190	\$186	\$188	\$180	\$180	

## **Capital Improvement Plan - Project Descriptions**

roject #	Description	Phase	Total Cost
1	Major infrastructure improvements: Vance Ave, wastewater & water infrastructure. Open space; 2	1	\$3,753,559
	developed areas on Vance Ave.		
23	Wastewater conveyance pipe from Samoa to Manhole #5	1	\$240,000
2	Exist. mixed use, some existing residential development	2	\$323,245
3	Existing residential area west of Bay View Ave., bordered by Rideout Rd to north	3	\$131,781
4	Exist. mixed use area east of Vance Ave.	4	\$137,194
5	Existing residential, open space west of NNBR.; area east of Vance Ave., exist. residential area bisected by Fenwick Ave.	5	\$160,040
6	Existing residential area west of Vance Ave., south of Phase 1 & west of Phase 2, bisected by Samoa Court	6	\$56,750
7	Existing residential area east of NNBR, exist residential bisected by Sunset Ave., bordered by Phase 2	7	\$226,558
8	Exist. commercial area between Vance & Bay View Ave S.	8	\$149,299
9	Primarily open space area west of Vance Ave., inc. Tulip Lane and one residential property, soccer field	9	\$40,876
10	Proposed new residential between Vance and Bay View Ave., bisected by Murray Rd.	10	\$277,180
11	New residential area west side of Vance Ave. Geary Ct forms border between Phases 11 & 12	11	\$178,773
12	New residential area bordered by Phases 11, 13 and 14, bordered by Hammond Rd., bisected by Driftwood Ln, bordered by Murphy Ave	12	\$192,744
13	New residential area SW of Phases 12 & 14 and bordered by Phase 1, bisected by Geary St.,	13	\$160,507
14	New residential area bisected by Hammond Ave, west of Phases 6 & 12, bordered by Phases 13 & 15	14	\$230,012
15	New residential area bisected by Geary & Hammond Sts, bordered by Sawmill Rd, next to Phases 14, 16, 17	15	\$392,153
16	New residential area with Ocean Front Avenue access	16	\$168,046
17	New mixed use area bisected by Ocean Front Ave	17	\$154,940
18	New mixed use area i bisected by Hammond St., west of Phases 16, 17 & 19	18	\$141,950
19	New residential area partially surrounded by Phases 17 -18, bisected by Hammond St	19	\$101,445
20	Business Park (Tugboat Street)	20	\$182,665
21	Business Park (Admiral Lane)	20	\$150,275
22	Business Park (Compass Avenue)	20	\$34,825

Source: Samoa Buildout Projections By Phase v2.xlsx

DRAFT 8/09/2019											
Table 13											
Peninsula CSD Financial Plan											
		Ca	nital Im	nrovem	ent Plan						
Cost Escalation		-	3%	3%	3%	3%	3%	3%	20/	20/	3%
COST ESCALATION			3%	3%	3%	<b>3</b> %	3%	3%	3%	3%	
Phase	1				2	3	4	5	6	7	(cont'd) <b>8</b>
Year	2018/19	2019/20	2020/21	2021/22	2022/23		2024/25		2026/27		2028/29
Project #	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/23	2023/20	2020/27	2027728	2020/23
		\$3,753,559									
1											
23		\$240,000			¢222.245						
2					\$323,245						
3						\$131,781					
4							\$137,194	<b>6460.040</b>			
5								\$160,040	4=====		
6									\$56,750	4	
7										\$226,558	
8											\$149,299
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
Subtotal Projects	\$0	\$3,993,559	\$0	\$0	\$323,245	\$131,781	\$137,194	\$160,040	\$56,750	\$226,558	\$149,299
Total Projects - Inflation Adjusted	\$0	\$3,993,559	\$0	\$0	\$353,219	\$148,320	\$159,045	\$191,096	\$69,795	\$286,997	\$194,801

WW Pipe (Project #23) total project expense placed in Phase 1

Phase 1 Capital Projects placed in 2019/20 to time with rate implementation

Source: Samoa Buildout Projections By Phase v2.xlsx

					•	•							
3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%	3%
(cont'd)													
9	10	11	12	13	14	15	16	17	18	19	20		
	10											<b>-</b>	<b>-</b>
2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	2040/41	2041/42	2042/43
\$40,876	\$277,180	\$178,773	\$192,744	\$160,507	\$230,012	\$392,153	\$168,046	\$154,940	\$141,950	\$101,445	\$182,665		

\$40,876 \$277,180 \$178,773 \$192,744 \$160,507 \$230,012 \$392,153 \$168,046 \$154,940 \$141,950 \$101,445 \$367,765 \$54,934 \$383,682 \$254,887 \$283,050 \$242,780 \$358,351 \$629,290 \$277,754 \$263,775 \$248,910 \$183,221 \$684,151

**Capital Improvement Plan** 

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\$0 \$0

\$150,275 \$34,825 DRAFT 8/09/2019

Table 14

Peninsula CSD Financial Plan

# **Preliminary Funding Sources**

PCSD - Operating Costs	Funding Source
Fire Protection, EMS, and Tsunami Preparedness	Property Assessments, Rents and Concessions, Other Sources
Water	Rates and Charges
Wastewater	Rates and Charges
Stormdrainage	Rates and Charges
Streets & Lighting	Property Assessments
Parks & Recreation	Property Assessments
PCSD - Capital Costs	Funding Source
Fire Protection, EMS, and Tsunami Preparedness	Developer Funding
Water	Developer Funding
Wastewater	Developer Funding
Stormdrainage	Developer Funding
Streets & Lighting	Developer Funding
	Developer Funding

DRAFT 8/09/2019 Table 15 Peninsula CSD Financial Plan

### **Combined Cash Flow**

	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Total Beginning Fund Balance	\$0	\$20,000	\$40,000	\$60,000	\$80,000	\$100,000	\$120,000	\$140,000	\$160,000	\$180,000
REVENUES										
Rate Revenue - Water	\$110,033	\$113,334	\$116,734	\$126,564	\$134,272	\$140,314	\$155,587	\$163,816	\$187,071	\$200,239
Rate Revenue - Wastewater	\$125,400	\$129,162	\$133,037	\$144,240	\$153,024	\$159,910	\$177,317	\$186,695	\$213,197	\$228,205
Rate Revenue - Fire	\$61,000	\$135,030	\$139,081	\$143,253	\$147,551	\$151,977	\$156,537	\$161,233	\$166,070	\$171,052
Rate Revenue - Storm	\$10,986	\$11,316	\$13,804	\$14,218	\$14,644	\$15,084	\$15,536	\$16,002	\$16,482	\$16,977
Rate Revenue - Streets & Lighting	\$51,644	\$53,193	\$58,369	\$60,120	\$61,924	\$63,782	\$65,695	\$67,666	\$69,696	\$71,787
Operations - Parks & Rec	\$45,644	\$47,013	\$52,004	\$53,564	\$55,171	\$56,826	\$58,531	\$60,287	\$62,095	\$63,958
Other (Combined)	\$53,750	\$55,363	\$57,023	\$58,734	\$60,496	\$62,311	\$64,180	\$66,106	\$68,089	\$70,132
<b>Developer Funding - Operating Deficit</b>	\$131,841	\$62,997	\$100,092	\$88,954	\$82,655	\$80,225	\$58,359	\$51,890	\$13,605	\$0
<b>Developer Funding - Capital</b>	\$3,993,559			\$353,219	\$148,320	\$159,045	\$191,096	\$69,795	\$286,997	\$194,801
Total Revenue	\$4,583,856	\$607,407	\$670,144	\$1,042,867	\$858,058	\$889,475	\$942,839	\$843,490	\$1,083,303	\$1,017,150
EXPENSES										
Operations - Water	\$129,847	\$133,742	\$137,755	\$141,887	\$146,144	\$150,528	\$155,044	\$159,695	\$164,486	\$169,421
Operations - Wastewater	\$181,595	\$187,043	\$192,654	\$198,433	\$204,386	\$210,518	\$216,834	\$223,339	\$230,039	\$236,940
Operations - Fire	\$150,583	\$155,100	\$195,558	\$201,425	\$207,468	\$213,692	\$220,103	\$226,706	\$233,507	\$240,512
Operations - Storm	\$10,986	\$11,316	\$13,804	\$14,218	\$14,644	\$15,084	\$15,536	\$16,002	\$16,482	\$16,977
Operations - Streets & Lighting	\$51,644	\$53,193	\$58,369	\$60,120	\$61,924	\$63,782	\$65,695	\$67,666	\$69,696	\$71,787
Operations - Parks & Rec	\$45,644	\$47,013	\$52,004	\$53,564	\$55,171	\$56,826	\$58,531	\$60,287	\$62,095	\$63,958
Capital Improvement	\$3,993,559	\$0	\$0	\$353,219	\$148,320	\$159,045	\$191,096	\$69,795	\$286,997	\$194,801
Total Revenue	\$4,563,856	\$587,407	\$650,144	\$1,022,867	\$838,058	\$869,475	\$922,839	\$823,490	\$1,063,303	\$994,396
Net Revenue	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$22,755
Proposed Annual Contingency Funding	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Fund Balance Target - 2 months total O8	\$95,050	\$97,901	\$108,357	\$111,608	\$114,956	\$118,405	\$121,957	\$125,616	\$129,384	\$133,266
Total Ending Fund Balance	\$20,000	\$40,000	\$60,000	\$80,000	\$100,000	\$120,000	\$140,000	\$160,000	\$180,000	\$202,755
Target Met?	no	no	no	no	no	yes	yes	yes	yes	yes

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Table 16
Peninsula CSD Financial Plan

## **Rate Survey**

