

**ARCH CAPE WATER DISTRICT
LONG RANGE FINANCIAL PLAN**

KEY ASSUMPTIONS:

- 2 Hookups per year
- Expense allocation: Blended 57.0% Sanitary
- Expense growth: 2% growing to 4%
- Rates adjusted to retain approximately 16% of Oper Exp on hand
- Contingency set at 15% of Operating Expenses
- No loans for capital projects
- Watershed expense of \$50K : 2019-20
& \$5K per year from 2020-21 to 2022-23
& \$20K per year from 2023-24 to 2026-27
- User rates adjusted for Op Ex needs and Capital Expenses
 - Rate increased by 3.75% for 2019-20 from \$160 to \$166
 - Rate increased by 2% per year from 2020-21 at \$169 to \$199 in 2028-29

EXPECTED FUTURE CAPITAL FUND EXPENDITURE:

- \$70K Membrane Replacement : 2025-26
- \$20K Storage Planning : Preliminary Design : 2025-26
- \$280K South Reservoir Construction : 2032-33
(Includes \$40K Grant)
- \$80K Membrane Replacement : 2034-35

**ARCH CAPE WATER DISTRICT
LONG RANGE FINANCIAL PLAN**

WATER DISTRICT - GENERAL FUND												
ASSUMPTIONS	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
SD IGA % : PERSONNEL + ALLOC	55.5%	53.0%	57.0%	57.0%	57.0%	57.0%	57.0%	57.0%	57.0%	57.0%	57.0%	57.0%
GENERAL INFLATION	2.0%	2.5%	2.5%	2.5%	2.5%	3.0%	3.0%	3.0%	4.0%	4.0%	4.0%	4.0%
CONTINGENCY	Assume 15% of operating expenditures is budgeted after 2019-20; and assume 15% of that amount is spent per year.											
HOOKUPS	290	291	292	294	296	298	300	302	304	306	308	310
Change in Hookups	2	2	2	2	2	2	2	2	2	2	2	2
System Development Charge	5,329	5,467	5,467	5,604	5,744	5,916	6,093	6,276	6,527	6,788	7,060	7,342
Excess usage Charge % of User Fees*	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%
WD Quarterly User Rates	140	160	166	169	172	175	179	183	187	191	195	199
User Rate % increase			3.75%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Usage charges	121	141	147	150	153	156	160	164	168	172	176	180
Debt service surcharges	19	19	19	19	19	19	19	19	19	19	19	19
Annual increase - Total		14.3%	3.8%	1.8%	1.8%	1.7%	2.3%	2.2%	2.2%	2.1%	2.1%	2.1%
Annual increase - Usage chg. Only		16.5%	4.3%	2.0%	2.0%	2.0%	2.6%	2.5%	2.4%	2.4%	2.3%	2.3%
	Act	EOY PROJ	PROJECTED									
RESOURCES	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
BEGINNING BALANCE	92,771	112,809	138,943	118,724	146,881	171,296	195,976	206,986	219,455	231,291	242,250	272,373
REVENUE												
USER FEES	138,268	162,275	169,979	174,636	179,340	184,092	190,080	196,131	202,245	208,423	214,664	220,968
EXCESS USAGE CHARGES	38,341	30,446	29,000	30,561	31,385	32,216	33,264	34,323	35,393	36,474	37,566	38,669
FEE SURCHARGE FOR DEBT	21,698	22,716	21,820	22,344	22,496	22,648	22,800	22,952	23,104	23,256	23,408	23,560
SD IGA REVENUE	125,515	131,407	146,126	150,654	154,420	159,052	163,824	168,739	175,488	182,508	189,808	197,400
WATERSHED REVENUE												
DEBT PROCEEDS												
SALE OF TRUCK	2,500											
OTHER	4,470	14,933	3,000	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
TOTAL REVENUE	330,791	361,777	369,925	380,595	390,041	400,409	412,368	424,545	438,630	453,061	467,846	482,998
TOTAL RESOURCES	423,562	474,586	508,868	499,319	536,922	571,705	608,344	631,531	658,085	684,352	710,096	755,371

**ARCH CAPE WATER DISTRICT
LONG RANGE FINANCIAL PLAN**

REQUIREMENTS	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
EXPENDITURES												
PERSONNEL												
SALARY/WAGE	142,615	147,140	165,714	169,857	174,103	179,326	184,706	190,247	197,857	205,772	214,002	222,562
BENEFITS	38,950	38,913	40,928	41,951	43,000	44,290	45,619	46,987	48,867	50,821	52,854	54,968
TOTAL PERSONNEL	181,565	186,053	206,642	211,808	217,103	223,616	230,325	237,235	246,724	256,593	266,857	277,531
MATERIALS & SERVICES												
ALLOCABLE EXPENSES	39,713	42,280	51,216	52,496	53,809	55,423	57,086	58,798	61,150	63,596	66,140	68,786
SD FACILITIES USE	2,925	3,225	3,600	3,000	3,000	3,000	3,000	3,000	3,000	3,001	3,002	3,003
WATERSHED	1,938	25,572	50,000	5,000	5,000	5,000	20,000	20,000	20,000	20,000		
MAINTENANCE & CHEMICALS	21,303	28,323	26,000	26,650	27,316	28,136	28,980	29,849	31,043	32,285	33,576	34,919
UTILITIES	8,889	8,722	10,000	10,250	10,506	10,821	11,146	11,480	11,940	12,417	12,914	13,431
GEN'L & ADMINISTRATIVE	11,391	20,696	21,914	22,462	23,023	23,714	24,426	25,158	26,165	27,211	28,300	29,432
TOTAL MATERIALS & SERVICES	86,159	128,818	162,730	119,858	122,655	126,094	144,637	148,286	153,298	158,511	143,932	149,570
CONTINGENCY		38,000	51,000	49,750	50,964	52,457	56,244	57,828	60,003	62,266	61,618	64,065
CONTINGENCY (amt. spent @ 10%/yr)					5,096	5,246	5,624	5,783	6,000	6,227	6,162	6,407
CAPITAL OUTLAY	22,257											
TOTAL OPERATING EXPENDITURES	289,981	314,871	369,372	331,666	344,854	354,956	380,586	391,304	406,022	421,330	416,951	433,508
TRANSFER TO CAPITAL FUND												
DEBT SERVICE	20,772	20,772	20,772	20,772	20,772	20,772	20,772	20,772	20,772	20,772	20,772	20,772
CONTINGENCY & ENDING BALANCE												
CONTINGENCY			51,000	49,750	50,964	52,457	56,244	57,828	60,003	62,266	61,618	64,065
DESIGNATED RESERVES			59,100	53,067	54,361	55,954	59,994	61,683	64,003	66,417	65,726	68,336
UNDESIGNATED	112,809	138,943	8,625	44,064	65,971	87,566	90,748	99,943	107,284	113,567	145,029	168,690
CONT. + RESERVES + UNDESIGNATED	112,809	138,943	118,724	146,881	171,296	195,976	206,986	219,455	231,291	242,250	272,373	301,091
ENDING BALANCE	112,809	138,943	118,724	146,881	171,296	195,976	206,986	219,455	231,291	242,250	272,373	301,091
TOTAL REQUIREMENTS	423,562	474,586	508,868	499,319	536,922	571,705	608,344	631,531	658,085	684,352	710,096	755,371
END BAL OVER/(UNDER) BEG BAL	20,038	26,134	(20,219)	28,157	24,415	24,681	11,010	12,469	11,836	10,958	30,123	28,718
RESOURCES OVER/(UNDER) REQ.	0											
LIQUIDITY REQ'MENT: 16% OP EXP	44,621	28,338	59,100	53,067	54,361	55,954	59,994	61,683	64,003	66,417	65,726	68,336
ENDING BALANCE MINUS LIQUIDITY R	68,189	110,605	59,625	93,814	116,934	140,023	146,992	157,771	167,288	175,833	206,647	232,755
CAPITAL FUND ENDING BALANCE	51,417	62,351	73,285	84,493	95,981	107,813	119,999	132,551	55,605	69,181	83,301	97,985

**ARCH CAPE WATER DISTRICT
LONG RANGE FINANCIAL PLAN**

WATER DISTRICT - CAPITAL FUND												
	Act	EOY PROJ	PROJECTED									
RESOURCES	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
BEGINNING BALANCE	48,892	51,417	62,351	73,285	84,493	95,981	107,813	119,999	132,551	55,605	69,181	83,301
REVENUE												
SDC REVENUE	18,087	10,934	10,934	11,208	11,488	11,832	12,186	12,552	13,054	13,576	14,120	14,684
TOTAL REVENUE	18,087	10,934	10,934	11,208	11,488	11,832	12,186	12,552	13,054	13,576	14,120	14,684
TRANSFER FROM GENERAL FUND	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL RESOURCES	66,979	62,351	73,285	84,493	95,981	107,813	119,999	132,551	145,605	69,181	83,301	97,985
REQUIREMENTS	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
EXPENDITURES												
WATER SOURCE ASSESSMENT									70,000			
MEMBRANE REPLACEMENT												
SECOND WATER SOURCE									20,000			
STORAGE PLNG : PRELIM DESIGN												
TRUCK	12,592											
SOUTH RESERVOIR												
OTHER	2,970											
TOTAL EXPENDITURES	15,562	0	0	0	0	0	0	0	90,000	0	0	0
ENDING BALANCE	51,417	62,351	73,285	84,493	95,981	107,813	119,999	132,551	55,605	69,181	83,301	97,985
TOTAL REQUIREMENTS	66,979	62,351	73,285	84,493	95,981	107,813	119,999	132,551	145,605	69,181	83,301	97,985