

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

KEY ASSUMPTIONS:

- 2 Hookups per year
- Expense allocation: Blended 55.5% Sanitary
- Expense growth: 2% growing to 4%
- Rates adjusted to retain approximately 1/6th Op Ex on hand
- Contingency set at 15% of Operating Expenses
- No loans for capital projects
- Receive \$20K for truck from SD Gen Fund with IGA payments
- Inclusion of \$5K watershed expense
- Transfer from Gen Fund to Capital Fund:
 - \$37K : 2018-19
- Capital Outlay
 - \$45K : 2017-18
- User rates adjusted for Op Ex needs and Capital Expenses
 - Rate increased to \$148 : 2018-19
 - Rate increased to \$152 : 2021-22
 - Rate increased to \$171 : 2024-25

EXPECTED FUTURE CAPITAL FUND EXPENDITURE:

- \$80K Second Water Source : 2018-19
- \$20K Storage Planning / Preliminary Design : 2025-26
- \$70K Membrane Replacement : 2025-26
- \$280K South Reservoir Construction : 2027-28
(Includes \$40K Grant)
- \$80K Membrane Replacement : 2034-35

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

WATER DISTRICT - GENERAL FUND										
ASSUMPTIONS	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
SD IGA % : PERSONNEL + ALLOC			55.5%	55.5%	55.5%	55.5%	55.5%	55.5%	55.5%	55.5%
GENERAL INFLATION			2.0%	2.5%	2.5%	2.5%	2.5%	3.0%	3.0%	3.0%
CONTINGENCY			Assume 15% of operating expenditures is budgeted after 2016-17; assume 20% of that amount							
HOOKUPS	282	286	288	290	292	294	296	298	300	302
Change in Hookups		2	2	2	2	2	2	2	2	2
System Development Charge		5,081	5,081	5,081	5,081	5,081	5,081	5,081	5,081	5,081
Excess usage Charge % of User Fees*		18.2%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%	17.5%
WD Quarterly User Rates		140	140	148	148	148	152	152	152	171
<i>Usage charges</i>		121	121	129	129	129	133	133	133	152
<i>Debt service surcharges</i>		19	19	19	19	19	19	19	19	19
Annual increase - Total				5.7%			2.7%			12.5%
Annual increase - Usage chg. Only				6.6%			3.1%			14.3%
	Act	EOY PROJ	PROJECTED							
RESOURCES	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
BEGINNING BALANCE	189,591	90,854	134,115	116,311	105,336	123,057	138,633	155,441	169,230	179,866
REVENUE										
USER FEES	139,576	135,986	137,040	148,144	149,165	150,187	155,897	156,951	158,004	181,780
EXCESS USAGE CHARGES	31,920	24,742	24,000	25,925	26,104	26,283	27,282	27,466	27,651	31,811
FEE SURCHARGE FOR DEBT	48,675	21,319	21,519	22,040	22,192	22,344	22,496	22,648	22,800	22,952
SD IGA REVENUE	105,498	123,140	147,651	125,794	128,939	132,163	135,467	139,531	143,717	148,028
DEBT PROCEEDS										
SALE OF TRUCK			2,500							
OTHER	2,695	5,416	2,681	2,400	2,400	2,400	2,400	2,400	2,400	2,400
TOTAL REVENUE	328,364	310,603	335,390	324,303	328,800	333,376	343,542	348,996	354,571	386,971
TOTAL RESOURCES	517,955	401,457	469,505	440,614	434,136	456,433	482,175	504,437	523,801	566,837

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

REQUIREMENTS	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
EXPENDITURES										
PERSONNEL										
SALARY/WAGE	122,442	135,915	143,641	147,232	150,913	154,686	158,553	163,309	168,209	173,255
BENEFITS	32,981	29,776	37,534	38,472	39,434	40,420	41,431	42,673	43,954	45,272
TOTAL PERSONNEL	155,423	165,691	181,175	185,704	190,347	195,106	199,983	205,983	212,162	218,527
MATERIALS & SERVICES										
ALLOCABLE EXPENSES	34,950	38,494	47,758	40,952	41,976	43,025	44,101	45,424	46,787	48,190
SD FACILITIES USE	3,225	3,300	3,467	3,000	3,000	3,000	3,000	3,000	3,000	3,000
WATERSHED			5,000							
MAINTENANCE & CHEMICALS	23,840	18,835	20,900	18,000	18,000	18,000	20,000	20,000	20,000	20,000
UTILITIES	9,101	7,290	10,000	10,250	10,506	10,769	11,038	11,369	11,710	12,062
GEN'L & ADMINISTRATIVE	13,711	12,960	19,122	19,600	20,090	20,592	21,107	21,740	22,393	23,064
TOTAL MATERIALS & SERVICES	84,827	80,879	106,247	91,802	93,572	95,386	99,246	101,533	103,889	106,316
CONTINGENCY			38,000	41,626	42,588	43,574	44,884	46,127	47,408	48,726
CONTINGENCY (amt. spent @ 15%/yr)					6,388	6,536	6,733	6,919	7,111	7,309
CAPITAL OUTLAY			45,000							
TOTAL OPERATING EXPENDITURES	240,250	246,570	332,422	277,506	290,307	297,028	305,962	314,435	323,163	332,152
TRANSFER TO CAPITAL FUND				37,000						
DEBT SERVICE	196,812	20,772	20,772	20,772	20,772	20,772	20,772	20,772	20,772	20,772
CONTINGENCY & ENDING BALANCE										
CONTINGENCY			38,000	41,626	42,588	43,574	44,884	46,127	47,408	48,726
DESIGNATED RESERVES		20,000	78,311	46,251	47,320	48,415	49,872	51,253	52,675	54,141
UNDESIGNATED		114,115	0	17,459	33,149	46,644	60,685	71,849	79,783	111,046
CONT. + RESERVES + UNDESIGNATED	277,706	134,115	116,311	105,336	123,057	138,633	155,441	169,230	179,866	213,913
ENDING BALANCE	277,706	134,115	116,311	105,336	123,057	138,633	155,441	169,230	179,866	213,913
TOTAL REQUIREMENTS	714,768	401,456	469,505	440,614	434,136	456,433	482,175	504,437	523,801	566,837
REVENUE OVER/(UNDER) EXPENSE	88,115	64,033	2,968	46,797	38,493	36,348	37,580	34,560	31,408	54,819
RESOURCES OVER/(UNDER) REQ.										
LIQUIDITY REQ'MENT: 1/6 OP EXP										
ENDING BALANCE MINUS LIQUIDITY REQ.		41,095	47,904	46,251	47,320	48,415	49,872	51,253	52,675	54,141
		93,020	68,408	59,085	75,737	90,218	105,570	117,977	127,191	159,773
ENDING BALANCE (Capital)	33,649	45,211	55,373	22,535	32,697	42,859	53,021	63,183	73,345	83,507

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

WATER DISTRICT - CAPITAL FUND												
	EOY PROJ											
RESOURCES	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
BEGINNING BALANCE*	21,486	33,649	45,211	55,373	22,535	32,697	42,859	53,021	63,183	73,345	83,507	3,669
REVENUE												
SDC REVENUE	16,033	11,562	10,162	10,162	10,162	10,162	10,162	10,162	10,162	10,162	10,162	10,162
TOTAL REVENUE	16,033	11,562	10,162	10,162	10,162	10,162	10,162	10,162	10,162	10,162	10,162	10,162
TRANSFER FROM GENERAL FUND	0	0	0	37,000	0	0	0	0	0	0	0	0
TOTAL RESOURCES	37,519	45,211	55,373	102,535	32,697	42,859	53,021	63,183	73,345	83,507	93,669	13,831
REQUIREMENTS	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27
EXPENDITURES												
WATER SOURCE ASSESSMENT	3,870											
MEMBRANE REPLACEMENT												70,000
SECOND WATER SOURCE				80,000								
STORAGE PLNG : PRELIM DESIGN												20,000
TRUCK												
SOUTH RESERVOIR												
OTHER												
TOTAL EXPENDITURES	3,870	0	0	80,000	0	0	0	0	0	0	90,000	0
ENDING BALANCE*	33,649	45,211	55,373	22,535	32,697	42,859	53,021	63,183	73,345	83,507	3,669	13,831
TOTAL REQUIREMENTS	37,519	45,211	55,373	102,535	32,697	42,859	53,021	63,183	73,345	83,507	93,669	13,831