

Table 1
Water System CAPITAL IMPROVEMENT PROGRAM (CIP)

PROJECT	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	TOTAL	SDC %	SDC \$
New hydrants and valves		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$140,000	0.0%	\$0
North Valley Road Reservoir Upgrades	\$1,700,000	\$500,000							\$2,200,000	15.0%	\$330,000
Water System Master Plan Update	\$300,000	\$20,000							\$320,000	25.0%	\$80,000
General Piping projects			\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000	50.0%	\$300,000
S. Springbrook Rd.	\$200,000	\$200,000							\$400,000	100.0%	\$400,000
Hypochlorite Generator				\$500,000					\$500,000	0.0%	\$0
Valves on College Street				\$200,000					\$200,000	0.0%	\$0
Wellfield, New Well #9	\$550,000								\$550,000	100.0%	\$550,000
College St.			\$470,000						\$470,000	10.0%	\$47,000
Decommission Well #1				\$100,000					\$100,000	0.0%	\$0
Decommission Well #2				\$100,000					\$100,000	0.0%	\$0
Fixed Base Radio Head					\$1,000,000	\$25,000	\$25,000	\$25,000	\$1,075,000	5.0%	\$53,750
N. Springbrook Rd							\$500,000	\$500,000	\$1,000,000	85.0%	\$850,000
Water Rights Review & Reconfiguration			\$25,000						\$25,000	50.0%	\$12,500
MULTI FUNDED PROJECTS (Water Share Only)											
Maintenance Facility - Fleet				\$187,500					\$187,500	20.0%	\$37,500
Maintenance Facility - Administration						\$250,000			\$250,000	20.0%	\$50,000
Maintenance Facility - Site Work			\$100,000						\$100,000	20.0%	\$20,000
									\$0		
Total Water CIP	\$2,750,000	\$740,000	\$715,000	\$1,207,500	\$1,120,000	\$395,000	\$645,000	\$645,000	8,217,500		2,730,750
Inflation Adjusted	\$2,750,000	\$762,200	\$758,544	\$1,319,469	\$1,260,570	\$457,913	\$770,163	\$793,268	\$8,872,127		
By Funding Source											
SDCs	\$1,080,000	\$288,400	\$137,387	\$95,614	\$112,551	\$117,377	\$568,667	\$585,727	2,985,722		
Rates	\$1,670,000	\$473,800	\$621,157	\$1,223,854	\$1,148,019	\$340,537	\$201,496	\$207,541	5,886,404		
Total	\$2,750,000	\$762,200	\$758,544	\$1,319,468	\$1,260,570	\$457,913	\$770,164	\$793,269	8,872,127		
<i>Cumulative</i>	<i>\$2,750,000</i>	<i>\$3,512,200</i>	<i>\$4,270,744</i>	<i>\$5,590,211</i>	<i>\$6,850,781</i>	<i>\$7,308,694</i>	<i>\$8,078,858</i>	<i>\$8,872,127</i>			

Table 2

Water System Capital Funding Sources*

	Total
Existing Reserves	\$6,966,027
Current Rates	\$5,942,076
SDCs	\$765,611
Total Sources	\$13,673,713
Inflation-Adjusted CIP	\$7,308,696
Ending Reserves*	\$6,365,017
Total Uses	\$13,673,713

*Thru FY2020/21 only; Master Plan will identify additional improvements

Table 3

Water System Operation & Maintenance (O&M) Costs

	2015/16	Fiscal Year 2016/17	2017/18
Personnel Services			
Salaries	\$857,272	\$891,563	\$927,226
Benefits	\$521,271	\$542,596	\$564,812
Materials & Services	\$497,829	\$511,909	\$526,419
Repair & Maintenance	\$216,200	\$221,656	\$228,306
Utilities	\$220,000	\$228,800	\$237,952
Central Services	\$567,110	\$589,794	\$613,386
Franchise Fees	\$257,312	\$264,370	\$272,656
Capital Outlay	\$268,400	\$213,345	\$217,052
Total	\$3,405,394	\$3,464,033	\$3,587,808
Adjusted for 98% Budget Spent	\$3,337,286	\$3,394,752	\$3,516,052
2014 Rate Cycle Projections	3,375,436	3,556,965	3,749,458

Table 4

Preliminary Annual Revenue Requirements from Water Rates

Item	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Revenue Requirements:						
O&M Costs	\$3,337,286	\$3,394,752	\$3,516,052	\$3,641,967	\$3,771,785	\$3,922,657
Transfers -- Debt Service	\$1,254,280	\$858,268	\$860,403	\$827,670	\$834,433	\$1,230,211
Transfers -- Capital Projects	\$3,672,500	\$473,800	\$621,157	\$1,223,854	\$1,148,019	\$340,537
Total Revenue Requirements	\$8,264,066	\$4,726,820	\$4,997,612	\$5,693,492	\$5,754,237	\$5,493,404
Less:						
Uses of (Additions to) Reserves	\$3,076,637	(\$599,614)	(\$471,582)	\$57,943	(\$52,581)	(\$473,012)
Nonrate Revenues	\$377,456	\$240,741	\$237,411	\$233,434	\$228,709	\$359,752
Revenue Requirements from Rates	\$4,809,973	\$5,085,692	\$5,231,783	\$5,402,115	\$5,578,110	\$5,606,664
<i>Projected Rate Increase</i>		3.50%	3.50%	3.50%	3.50%	3.50%

Table 5*Water Capital Fund Summaries*

Fund/Description	Adj. Budget 2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Water System Development Fund						
Sources of Funds						
Beginning Fund Balance -- July 1	\$655,168	\$926,082	\$619,946	\$507,858	\$437,207	\$349,407
Interest Earned	600	\$2,778	\$1,860	\$1,524	\$1,312	\$1,048
Interest Receivable	500	500	500	500	500	500
Transfer In - Water Fund	843,731	0	0	0	0	0
Transfer In - General	21,939	21,939	21,939	21,939	21,939	21,939
Assesment Installments	1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
SDCs	250,000	356,047	400,000	400,000	400,000	400,000
Total Sources of Funds	\$1,772,938	\$1,308,346	\$1,045,245	\$932,821	\$861,958	\$773,894
Uses of Funds						
Transfers -- Capital Projects	\$3,125	\$288,400	\$137,387	\$95,614	\$112,551	\$117,377
Debt Service	843,731	\$400,000	\$400,000	\$400,000	\$400,000	\$0
Ending Fund Balance -- June 30						
Fund Balance	\$926,082	\$619,946	\$507,858	\$437,207	\$349,407	\$656,518
Total Uses of Funds	\$1,772,938	\$1,308,346	\$1,045,245	\$932,821	\$861,958	\$773,894
Water Capital Projects						
Sources of Funds						
Beginning Fund Balance -- July 1	\$0	\$925,625	\$925,625	\$928,402	\$931,186	\$933,979
Interest Earned	\$0	\$0	\$2,777	\$2,785	\$2,794	\$2,802
Transfer -- Water Fund	\$3,672,500	\$473,800	\$621,157	\$1,223,854	\$1,148,019	\$340,537
Transfer -- System Development	\$3,125	\$288,400	\$137,387	\$95,614	\$112,551	\$117,377
Total Sources of Funds	\$3,675,625	\$1,687,825	\$1,686,946	\$2,250,655	\$2,194,549	\$1,394,694
Uses of Funds						
Capital Improvements	\$2,750,000	\$762,200	\$758,544	\$1,319,469	\$1,260,570	\$457,913
Ending Fund Balance -- June 30						
Fund Balance	\$925,625	\$925,625	\$928,402	\$931,186	\$933,979	\$936,781
Total Uses of Funds	\$3,675,625	\$1,687,825	\$1,686,946	\$2,250,655	\$2,194,549	\$1,394,694
Debt Service						
Sources of Funds						
Beginning Fund Balance -- July 1	\$0	\$0	\$0	\$0	\$0	\$0
Transfers from SDCs	\$843,731	\$400,000	\$400,000	\$400,000	\$400,000	\$0
Transfers from Rates	\$410,549	\$858,268	\$860,403	\$827,670	\$834,433	\$1,230,211
Total Sources of Funds	\$1,254,280	\$1,258,268	\$1,260,403	\$1,227,670	\$1,234,433	\$1,230,211
Uses of Funds						
Debt Service	\$1,254,280	\$1,258,268	\$1,260,403	\$1,227,670	\$1,234,433	\$1,230,211
Ending Fund Balance -- June 30						
Fund Balance	\$0	\$0	\$0	\$0	\$0	\$0
Total Uses of Funds	\$1,254,280	\$1,258,268	\$1,260,403	\$1,227,670	\$1,234,433	\$1,230,211

1/7/2016

Table 6*Water Operating Fund Summary*

Fund/Description	Adj. Budget 2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
Water Fund						
Sources of Funds						
Beginning Fund Balance -- July 1	\$3,495,592	\$6,196,386	\$7,270,614	\$8,326,883	\$8,393,856	\$8,561,962
User Fees	\$5,054,929	\$5,114,441	\$5,181,229	\$5,268,740	\$5,357,915	\$5,424,184
Interest Earned	\$13,000	\$20,170	\$23,361	\$25,044	\$25,396	\$26,413
Reimbursed Cost	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Reimbursed Cost	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000
Reimbursed Cost -- Capital Projects	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Dev Review & Inspection	\$10,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Connections Charges	\$50,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000
Utility Billing Penalties	\$30,000	\$39,000	\$39,000	\$39,000	\$39,000	\$39,000
Other Fees: Hydrant Permits	\$7,500	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Transfers In -- Water Replace	\$5,147,328	\$0	\$0	\$0	\$0	\$0
Miscellaneous Income	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Total Sources of Funds	\$13,830,349	\$11,492,998	\$12,637,204	\$13,782,666	\$13,939,167	\$14,174,560
Uses of Funds						
O&M (1)	\$2,707,183	\$2,890,316	\$2,828,761	\$3,337,286	\$3,394,752	\$3,530,543
Transfer -- Capital Projects	\$3,672,500	\$473,800	\$621,157	\$1,223,854	\$1,148,019	\$340,537
Transfer -- Debt Service	\$410,549	\$858,268	\$860,403	\$827,670	\$834,433	\$1,230,211
Transfer -- Water SDC	\$843,731					
Ending Fund Balance -- June 30						
Fund Balance	\$4,379,188	\$5,440,780	\$6,509,436	\$6,548,526	\$6,699,079	\$7,186,849
Contingency	\$559,791	\$569,430	\$589,777	\$610,898	\$632,673	\$657,980
Contingency- Debt Service	\$1,257,407	\$1,260,403	\$1,227,670	\$1,234,433	\$1,230,211	\$1,228,440
Total Uses of Funds	\$13,830,349	\$11,492,998	\$12,637,204	\$13,782,666	\$13,939,167	\$14,174,560

(1) Operation & Maintenance costs based on 98% of budget spent