

Del Paso Manor WD Rate Study 2018



Final Increase Scenario 5/3/2018



BARTLE WELLS ASSOCIATES
Independent Public Finance Advisors

Table - Executive Summary A
Del Paso Manor WD
Summary of Rate Options

(Typical Monthly Bill - SFR, 8,000 sf lot)

6 Month O&M Reserve Target	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
1 Year Increase Option - Prop 218 Notice	\$43.65	\$58.25	\$58.25	\$58.25	\$58.25	\$58.25
Percent Increase		33.4%	0.0%	0.0%	0.0%	0.0%
2 Year Increase Option	\$43.65	\$50.86	\$60.04	\$60.04	\$60.04	\$60.04
Percent Increase		16.5%	18.0%	0.0%	0.0%	0.0%
9 Month O&M Reserve Target						
1 Year Increase Option	\$43.65	\$59.51	\$59.51	\$59.51	\$59.51	\$59.51
Percent Increase		36.3%	0.0%	0.0%	0.0%	0.0%
2 Year Increase Option	\$43.65	\$51.48	\$61.43	\$61.43	\$61.43	\$61.43
Percent Increase		17.9%	19.3%	0.0%	0.0%	0.0%
12 Month O&M Reserve Target						
1 Year Increase Option	\$43.65	\$61.16	\$61.16	\$61.16	\$61.16	\$61.16
Percent Increase		40.1%	0.0%	0.0%	0.0%	0.0%
2 Year Increase Option	\$43.65	\$51.89	\$63.43	\$63.43	\$63.43	\$63.43
Percent Increase		18.9%	22.2%	0.0%	0.0%	0.0%

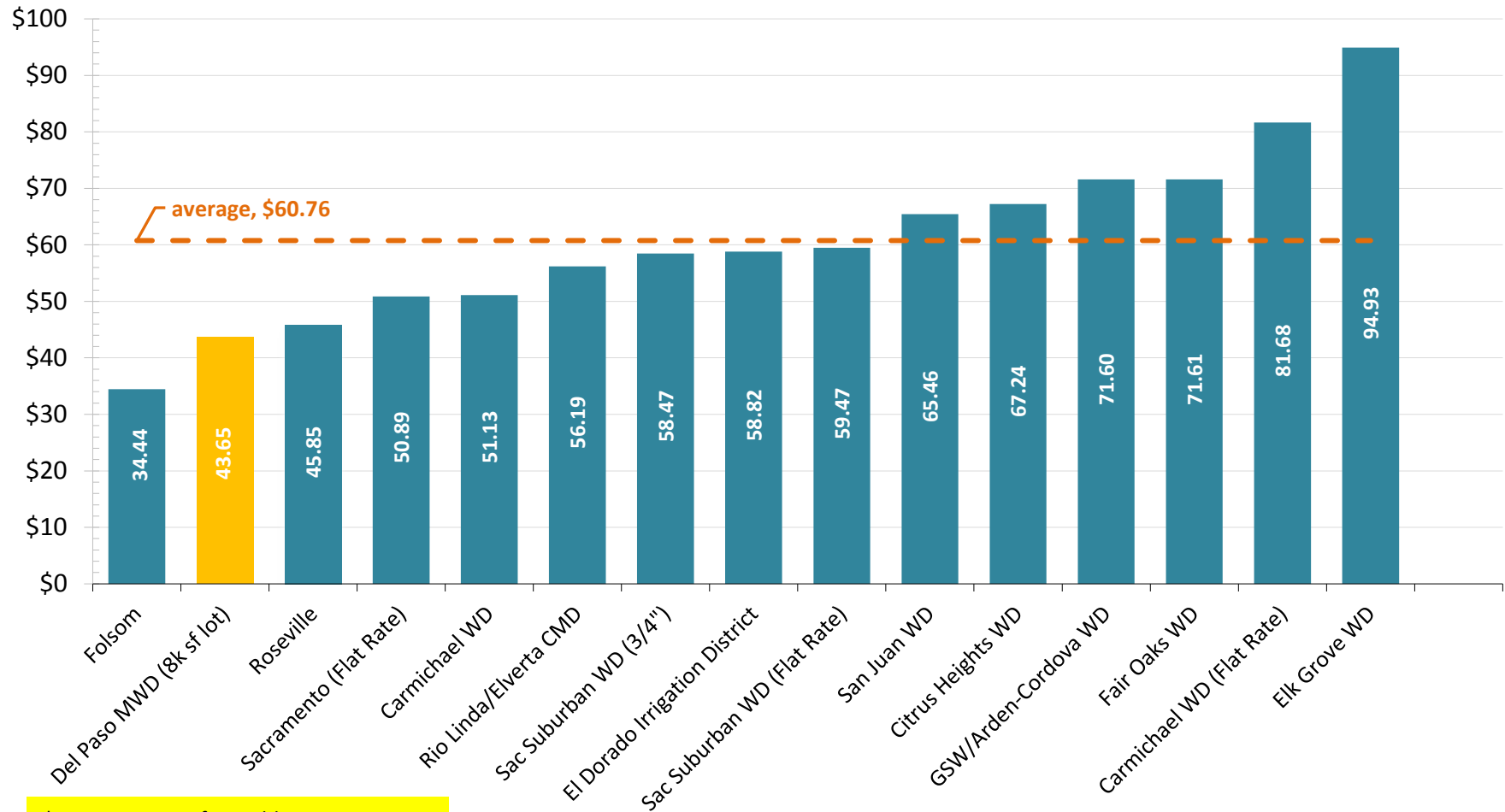
Table - Executive Summary B
Del Paso Manor WD
Proposed Rates - Rounded

Lot Size - Square Feet	Avg. Sq. Ft	Flat Rate	Avg. Sq. Ft.	Monthly	Rounded Monthly Rates	Bi-Monthly	Current	Increase	
FLAT RATE RESIDENTIAL									
0 - 5000	2500	21.73	5.18	26.91	\$26.90	53.80	31.50	22.30	
5001 - 8000	6500	21.73	13.46	35.19	\$35.20	70.40	41.20	29.20	
8001 - 11000	9500	21.73	19.67	41.40	\$41.40	82.80	48.40	34.40	
11001 - 14000	12500	21.73	25.88	47.61	\$47.60	95.20	55.70	39.50	
14001 - 17000	15500	21.73	32.09	53.82	\$53.80	107.60	62.90	44.70	
17001 - 20000	18500	21.73	38.30	60.03	\$60.05	120.10	70.20	49.90	
over 20000		60.05 plus 2.07 per 1000 sq. ft.							
Dup A	5001 - 8000	6500	43.46	13.46	56.92	\$56.90	113.80	66.60	47.20
Dup B	8001 - 11000	9500	43.46	19.67	63.13	\$63.15	126.30	73.80	52.50
Dup C	11001 - 14000	12500	43.46	25.88	69.34	\$69.35	138.70	81.10	57.60
FLAT RATE COMMERCIAL									
3/4" x 5/8"	26.60			45.49	\$45.50	91.00	53.20	37.80	
1"	36.75			62.84	\$62.85	125.70	73.50	52.20	
1 1/12"	53.15			90.89	\$90.90	181.80	106.30	75.50	
2"	107.60			184.00	\$184.00	368.00	215.20	152.80	
METERED - Readiness To Serve Charge									
			AWWA Ratio						
5/8"	15.10		0.4	15.12	\$15.10		15.10	0.00	
1"	21.00		1.0	37.80	\$37.80		21.00	16.80	
1.5"	30.40		2.0	75.60	\$75.60		30.40	45.20	
2"	61.45		3.2	120.96	\$120.95		61.45	59.50	
3"	114.25		6.0	226.80	\$226.80		114.25	112.55	
4"	186.05		10.0	378.00	\$378.00		186.05	191.95	
6"	320.20		20.0	756.00	\$756.00		320.20	435.80	
8"	0.00		32.0	1209.60	\$1,209.60		0.00	1209.60	
10"	0.00		46.0	1738.80	\$1,738.80		0.00	1738.80	
FIRE PROTECTION SERVICES									
4"	54.00				\$75.60		54.00	21.60	
6"	81.00				\$151.20		81.00	70.20	
8"	108.00				\$241.90		108.00	133.90	
10"	135.00				\$347.75		135.00	511.00	
VOLUMETRIC RATES									
- Metered Accounts					\$1.39				
- Temporary Construction Accounts					\$2.09				

Table 1
Del Paso Manor WD
Current (2017) Water Rates

Single Family Residential	\$ per Month	Volumetric Rate Commercial	
0 - 5,000 sq. ft.	\$15.75	\$ per 100 CU ft	\$0.95
5,001 - 8,000 sq. ft.	\$20.60		
8,001 - 11,000 sq. ft.	\$24.20	Temporary Construction Water	
11,001 - 14,000 sq. ft.	\$27.85	\$ per 100 CU ft	\$1.43
14,001 - 17,000 sq. ft.	\$31.45		
17,001 - 20,000 sq. ft.	\$35.10	Service Maintenance Charge	\$ per Month
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	Residential up to 1"	\$23.05
		Residential over 1" (Per 1")	\$23.05
Duplex/Multi-Family	\$ per Month	Duplex/Multifamily (each side)	\$23.05
0 - 5,000 sq. ft.	\$28.45	Extra Tap (per 1")	\$23.05
5,001 - 8,000 sq. ft.	\$33.30	Commercial up to 1"	\$23.05
8,001 - 11,000 sq. ft.	\$36.90	Commercial 1 1/2"	\$46.10
11,001 - 14,000 sq. ft.	\$40.55	Commercial 2"	\$73.75
14,001 - 17,000 sq. ft.	\$44.20	Commercial 3"	\$138.30
17,001 - 20,000 sq. ft.	\$47.80	Commercial 4"	\$230.50
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	Commercial 6"	\$461.00
Flat Rate Commercial	\$ per Month	Fire Service Rates	
3/4" - 5/8"	\$26.60	4"	\$54.00
1"	\$36.75	6"	\$81.00
1 1/2"	\$53.15	8"	\$108.00
2"	\$107.60	10"	\$135.00
Meter Readiness to Service Charge	\$ per Month	Rates effective May 2012	
5/8"	\$15.10		
1"	\$21.00		
1 1/2"	\$30.40		
2"	\$61.45		
3"	\$114.25		
4"	\$186.05		
6"	\$320.20		

Chart 1 - Single Family Residential Monthly Water Rate Survey (18 HCF), Feb 2018*



*assumes 1800 cf monthly usage

Table 2
Del Paso Manor WD
Current Water Customers As Of December 2017

Account Type:	Number of	Account Type:	Number of
Single Family Residential	Accounts		Accounts
0 - 5,000 sq. ft. lot	2	Flat Rate Commercial	4
5,001 - 8,000 sq. ft.	730	3/4" - 5/8"	
8,001 - 11,000 sq. ft.	702	1"	
11,001 - 14,000 sq. ft.	127	1 1/2"	
14,001 - 17,000 sq. ft.	21	2"	
17,001 - 20,000 sq. ft.	6		
Over 20,000 sq. ft.	25	Metered Commercial	
		5/8"	1
Duplex/Multi-Family		1"	16
0 - 5,000 sq. ft.	0	1 1/2"	25
5,001 - 8,000 sq. ft.	12	2"	37
8,001 - 11,000 sq. ft.	61	3"	12
11,001 - 14,000 sq. ft.	6	4"	6
14,001 - 17,000 sq. ft.	0	6"	2
17,001 - 20,000 sq. ft.	0		
Over 20,000 sq. ft.	0		
		Total Accounts*	1,795

* Does not include fire protection services

**Table 3
Del Paso Manor WD
Water Operating Expenses**

	2015/16	Actual 2016/17	Proposed 2017/18	Projected 2018/19	Projected 2019/20	Escalation %	Projected 2020/21	Projected 2021/22	Projected 2022/23
Personnel Expenses*									
Management Salaries	\$117,938	\$125,136	\$130,958	\$134,235	\$170,000	3.0%	\$126,000	\$129,800	\$133,700
Staff Salaries	212,435	203,904	218,000	230,000	236,000	3.0%	243,100	250,400	257,900
Director Fees	22,800	21,000	29,000	21,000	21,000	3.0%	21,600	22,200	22,900
Payroll Taxes	27,433	26,680	29,200	31,000	32,000	3.0%	33,000	34,000	35,000
PERS/Retirement	45,781	51,598	60,000	80,000	83,145	3.0%	94,900	98,000	101,000
Health	85,125	84,746	88,300	92,500	89,000	3.0%	91,700	94,500	97,300
OPEB	22,493	23,112	25,000	26,000	27,000	3.0%	27,800	28,600	29,500
Total	\$534,005	\$536,176	\$580,458	\$614,735	\$658,145		\$638,100	\$657,500	\$677,300
Maintenance & Repairs*									
Repairs and Maintenance	\$32,135	\$71,918	\$89,000	\$95,000	\$97,900	3.0%	\$100,800	\$103,800	\$106,900
New Service Truck					\$32,500				
Well Rehabs 3,5,8,2,4,9 & 6B				\$55,000	\$55,000		\$55,000	\$55,000	\$55,000
Backflow Program	0	0	0	0	0	3.0%	0	0	0
Total	\$32,135	\$71,918	\$89,000	\$150,000	\$185,400		\$155,800	\$158,800	\$161,900
Source of Supply									
City Water	\$5,128	\$5,332	\$5,535	\$5,738	\$5,942	3.0%	\$6,100	\$6,300	\$6,500
Power	86,105	98,273	100,000	103,000	106,000	3.0%	109,200	112,500	115,900
Total	\$91,234	\$103,605	\$105,535	\$108,738	\$111,942		\$115,300	\$118,800	\$122,400
Conservation									
Conservation	\$9,560	\$4,463	\$6,300	\$11,000	\$12,000	3.0%	\$12,400	\$12,800	\$13,200
Total	\$9,560	\$4,463	\$6,300	\$11,000	\$12,000		\$12,400	\$12,800	\$13,200
Administration & General*									
Insurance	\$33,753	\$28,979	\$28,000	\$29,000	\$30,000	3.0%	\$30,900	\$31,800	\$32,800
Lab Fees	2,864	17,910	11,300	7,500	18,000	3.0%	10,000	8,000	18,500
Office Expense	47,918	63,353	60,000	90,000	83,000	3.0%	85,500	88,100	90,700
Modernization/Software Update				0					
Election	0	1,669	0	7,000	0	3.0%	7,000	0	7,000
Miscellaneous	59	107	500	15,500	500	3.0%	500	500	500
Prof. Administration Fees	21,324	20,686	22,000	23,000	24,000	3.0%	24,700	25,400	26,200
Bank Charges	118	182	300	300	300	3.0%	300	300	300
Professional Dues	42,207	40,283	47,000	50,000	51,500	3.0%	53,000	54,600	56,200
Professional Meetings	25,992	16,965	15,000	20,000	21,000	3.0%	21,600	22,200	22,900
Cert/Continuing Education	1,140	715	3,000	3,000	3,500	3.0%	3,600	3,700	3,800
Total	\$175,373	\$190,849	\$187,100	\$245,300	\$231,800		\$237,100	\$234,600	\$258,900
Contracts & Services*									
Engineer/Consulting Fees	\$47,938	\$47,246	\$20,000	\$30,000	\$30,000	3.0%	\$20,000	\$20,600	\$21,200
Audit Fees	7,250	7,750	7,750	8,250	8,500	3.0%	8,800	9,100	9,400
Legal Fees	35,542	36,398	40,000	40,000	40,000	3.0%	41,200	42,400	43,700
Total	\$90,730	\$91,394	\$67,750	\$78,250	\$78,500		\$70,000	\$72,100	\$74,300
TOTAL EXPENSES	\$933,037	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787		\$1,228,700	\$1,254,600	\$1,308,000
<i>Annual % Increase</i>		<i>7.0%</i>	<i>3.8%</i>	<i>16.6%</i>	<i>5.8%</i>		<i>-3.8%</i>	<i>2.1%</i>	<i>4.3%</i>

* See notes on following page

Source: DPMWD "Detailed Operation & Maintenance Budget 2017/18" and discussions with staff.

NOTES ON WATER EXPENSE OPERATING PROJECTION (Table 3)

Personnel Expenses

- General Manager transition costs: Management Salaries estimated at \$170,000 in FY 2019/20 with New GM/Existing GM overlap
- Beginning in 2018/19, PERs Retirement Costs Increased to meet goal of 85% funding of liability per Board Direction

Maintenance & Repairs

- Added \$32,500 for replacement of truck in FY2019/20
- Added \$55,000/yr Funding Beginning in 2018/19 for Repairs to Wells #3, 5, 8, 2, 4, 9 and 6B

Administration & General

- Eliminated costs for Modernization of Financial System which will be included in Master Plan update
- Office Expense increased by \$30,000 in FY2018/19 due to costs for newsletter, website, outreach, RFP for auditor, and new OPEB/pension reporting requirements
- Added \$15,000 in FY2018/19 for recruitment costs for new GM
- Updated estimate of Lab Fees

Contracts and Services

- Engineering estimated at \$30,000 per year in FY2018/19 and FY2019/20 (per Board Direction on 3-5-18)

**Table 4
Del Paso Manor WD
Debt Service Schedule**

Series 2010 Revenue COP	Interest Rate	Principal Maturities	Sinking Fund 1-Jul	Outstanding Principal	Semiannual Interest Jan/July	Semiannual Debt Service Jan/July	Annual Debt Service	Reserve Reqmnt Per Definition
7/1/2017	3.500%	105,000		4,950,000	133,356	238,356	369,875	379,800
1/1/2018				4,950,000	131,519	131,519	373,038	379,800
7/1/2018	3.750%	110,000		4,840,000	131,519	241,519	370,975	379,800
1/1/2019				4,840,000	129,456	129,456	368,913	379,800
7/1/2019	4.000%	110,000		4,730,000	129,456	239,456	366,713	379,800
1/1/2020				4,730,000	127,256	127,256	369,513	379,800
7/1/2020	4.000%	115,000		4,615,000	127,256	242,256	367,213	379,800
1/1/2021				4,615,000	124,956	124,956	369,913	379,800
7/1/2021	5.250%		120,000	4,495,000	124,956	244,956	366,763	379,800
1/1/2022	5.250%			4,495,000	121,806	121,806	373,613	379,800
7/1/2022	5.250%		130,000	4,365,000	121,806	251,806	370,200	379,800
1/1/2023	5.250%			4,365,000	118,394	118,394	371,788	379,800
7/1/2023	5.250%		135,000	4,230,000	118,394	253,394	368,244	379,800
1/1/2024	5.250%			4,230,000	114,850	114,850	374,700	379,800
7/1/2024	5.250%		145,000	4,085,000	114,850	259,850	370,894	379,800
1/1/2025	5.250%			4,085,000	111,044	111,044	372,088	379,800
7/1/2025	5.250%		150,000	3,935,000	111,044	261,044	368,150	379,800
1/1/2026	5.250%			3,935,000	107,106	107,106	374,213	379,800
7/1/2026	5.250%		160,000	3,775,000	107,106	267,106	370,013	379,800
1/1/2027	5.250%			3,775,000	102,906	102,906	375,813	379,800
7/1/2027	5.250%		170,000	3,605,000	102,906	272,906	371,350	379,800
1/1/2028	5.250%			3,605,000	98,444	98,444	371,888	379,800
7/1/2028	5.250%		175,000	3,430,000	98,444	273,444	367,294	379,800
1/1/2029	5.250%			3,430,000	93,850	93,850	372,700	379,800
7/1/2029	5.250%		185,000	3,245,000	93,850	278,850	367,844	379,800
1/1/2030	5.250%			3,245,000	88,994	88,994	372,988	379,800
7/1/2030	5.250%	195,000		3,050,000	88,994	283,994	367,869	379,800
1/1/2031	5.500%			3,050,000	83,875	83,875	372,750	379,800
7/1/2031	5.500%		205,000	2,845,000	83,875	288,875	367,113	379,800
1/1/2032	5.500%			2,845,000	78,238	78,238	376,475	379,800
7/1/2032	5.500%		220,000	2,625,000	78,238	298,238	370,425	379,800
1/1/2033	5.500%			2,625,000	72,188	72,188	374,375	379,800
7/1/2033	5.500%		230,000	2,395,000	72,188	302,188	368,050	379,800
1/1/2034	5.500%			2,395,000	65,863	65,863	376,725	379,800
7/1/2034	5.500%		245,000	2,150,000	65,863	310,863	369,988	379,800
1/1/2035	5.500%			2,150,000	59,125	59,125	378,250	379,800
7/2/2035	5.500%		260,000	1,890,000	59,125	319,125	371,100	379,800
1/2/2036	5.500%			1,890,000	51,975	51,975	378,950	379,800
7/1/2036	5.500%		275,000	1,615,000	51,975	326,975	371,388	379,800
1/1/2037	5.500%			1,615,000	44,413	44,413	378,825	379,800
7/1/2037	5.500%		290,000	1,325,000	44,413	334,413	370,850	379,800
1/1/2038	5.500%			1,325,000	36,438	36,438	377,875	379,800
7/1/2038	5.500%		305,000	1,020,000	36,438	341,438	369,488	379,800
1/1/2039	5.500%			1,020,000	28,050	28,050	376,100	379,800
7/2/2039	5.500%		320,000	700,000	28,050	348,050	367,300	379,800
1/2/2040	5.500%			700,000	19,250	19,250	378,500	379,800
7/1/2040	5.500%		340,000	360,000	19,250	359,250	369,150	379,800
1/1/2041	5.500%			360,000	9,900	9,900	379,800	379,800
7/1/2041	5.500%	360,000		0	9,900	369,900	369,900	379,800
\$5,615,000		1,555,000	4,060,000		5,941,925	11,556,925		

Table 5
Del Paso Manor WD
District Reserve Balance as of June 30, 2017

Component	Use for ¹ Cash Flow
System Maintenance	763,277
Operating	531,314
Restricted for Debt	610,078
Total Reserve	\$1,904,669

1. Source: FY2017 Del Paso Manor WD Audit, pages 13 and 26,
and discussions with Larry Bain, District auditor.

Table 6
Del Paso Manor WD
Revenue

	Audit	Projected
	2016/17	2017/18
RATE REVENUE		
A. Operating Rates		
Monthly Commercial (Meters)	\$287,796	\$287,000
Bi-Monthly Commercial (Flat Rate)	6,838	6,838
Bi-Monthly Residential (Flat Rate)	491,080	491,000
Other Water Sales & Misc	<u>9,558</u>	<u>1,500</u>
Total Rate Revenue	\$795,272	\$786,338
B. System Maintenance Charges	\$594,715	\$595,142
MISC. REVENUE		
Interest and Other Revenue	\$5,873	\$4,900
TOTAL REVENUE	\$1,395,860	\$1,386,380

Source: DPMWD "Water Revenue (Without System Maintenance Charges)"

Table 7a
Del Paso Manor WD
Water Operations & Maintenance Cash Flow Projection

Assumes 1-Year Rate Increase
(Noticed Prop 218 Scenario)

	2016/17	2017/18	2018/19	Projected			
				2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	\$428,886	\$502,599	\$626,399	\$725,299
% O&M Charge Rate Increase			71.00%	0.00%	0.00%	0.00%	0.00%
<i>Growth - %</i>			<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$1,345,600	\$1,346,600	\$1,347,600	\$1,348,600	\$1,349,600
Other Operating Revenue	0	0	0	0	0	0	0
<i>Misc Operating Revenue</i>	<i>5,873</i>	<i>4,900</i>	<i>4,900</i>	<i>4,900</i>	<i>4,900</i>	<i>4,900</i>	<i>4,900</i>
Total Operating Revenues	\$801,145	\$791,238	\$1,350,500	\$1,351,500	\$1,352,500	\$1,353,500	\$1,354,500
TOTAL REVENUES	\$801,145	\$791,238	\$1,350,500	\$1,351,500	\$1,352,500	\$1,353,500	\$1,354,500
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	\$142,477	\$73,713	\$123,800	\$98,900	\$46,500
Ending O&M Fund Balance	\$531,314	\$286,409	\$428,886	\$502,599	\$626,399	\$725,299	\$771,799
Total Unrestricted Fund	\$499,202	\$518,072	\$604,012	\$638,893	\$614,350	\$627,300	\$654,000
<i>Target Met</i>	<i>yes</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>yes</i>	<i>yes</i>	<i>yes</i>
Debt Service Coverage							
With Reserves (Min 120%)	478%	445%	535%	388%	382%	472%	542%
Without Reserves	108%	95%	199%	183%	196%	190%	174%
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$58.28	\$58.28	\$58.28	\$58.28	\$58.28
Overall Bill Percent Increase			33.5%	0.0%	0.0%	0.0%	0.0%

Table 7b
Del Paso Manor WD
Water Operations & Maintenance Cash Flow Projection

Assumes 2-Year Rate Increase, 6 Mo Reserve Target

		Projected					
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	\$145,586	\$286,599	\$477,699	\$643,899
% O&M Charge Rate Increase			35.00%	33.00%	0.00%	0.00%	0.00%
<i>Growth - %</i>			0.1%	0.1%	0.1%	0.1%	0.1%
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$1,062,300	\$1,413,900	\$1,414,900	\$1,415,900	\$1,416,900
Other Operating Revenue	0	0	0	0	0	0	0
<i>Misc Operating Revenue</i>	<u>5,873</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>
Total Operating Revenues	\$801,145	\$791,238	\$1,067,200	\$1,418,800	\$1,419,800	\$1,420,800	\$1,421,800
TOTAL REVENUES	\$801,145	\$791,238	\$1,067,200	\$1,418,800	\$1,419,800	\$1,420,800	\$1,421,800
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	(\$140,823)	\$141,013	\$191,100	\$166,200	\$113,800
Ending O&M Fund Balance	\$531,314	\$286,409	\$145,586	\$286,599	\$477,699	\$643,899	\$757,699
Total Unrestricted Fund	\$499,202	\$518,072	\$604,012	\$638,893	\$614,350	\$627,300	\$654,000
<i>Target Met</i>	yes	no	no	no	no	yes	yes
Debt Service Coverage							
With Reserves (Min 120%)	478%	445%	459%	329%	341%	450%	539%
Without Reserves	108%	95%	123%	201%	214%	208%	192%
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$50.86	\$60.04	\$60.04	\$60.04	\$60.04
Overall Bill Percent Increase			16.5%	18.0%	0.0%	0.0%	0.0%

Table 7c
Del Paso Manor WD
Water Operations & Maintenance Cash Flow Projection

Assumes No Rate Increase

		Projected					
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	(\$129,814)	(\$615,201)	(\$1,050,901)	(\$1,511,901)
% O&M Charge Rate Increase			0.00%	0.00%	0.00%	0.00%	0.00%
<i>Growth - %</i>			0.1%	0.1%	0.1%	0.1%	0.1%
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$786,900	\$787,500	\$788,100	\$788,700	\$789,300
Other Operating Revenue	0	0	0	0	0	0	0
<i>Misc Operating Revenue</i>	<u>5,873</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>
Total Operating Revenues	\$801,145	\$791,238	\$791,800	\$792,400	\$793,000	\$793,600	\$794,200
TOTAL REVENUES	\$801,145	\$791,238	\$791,800	\$792,400	\$793,000	\$793,600	\$794,200
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	(\$416,223)	(\$485,387)	(\$435,700)	(\$461,000)	(\$513,800)
Ending O&M Fund Balance	\$531,314	\$286,409	(\$129,814)	(\$615,201)	(\$1,050,901)	(\$1,511,901)	(\$2,025,701)
Total Unrestricted Fund	\$499,202	\$518,072	\$604,012	\$638,893	\$614,350	\$627,300	\$654,000
<i>Target Met</i>	<i>yes</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>
Debt Service Coverage							
With Reserves (Min 120%)	478%	445%	384%	83%	-75%	-138%	-213%
Without Reserves	108%	95%	48%	30%	44%	37%	23%
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$43.65	\$43.65	\$43.65	\$43.65	\$43.65
Overall Bill Percent Increase			0.0%	0.0%	0.0%	0.0%	0.0%

**Table 7d
Del Paso Manor WD
Water Operations & Maintenance Cash Flow Projection**

Assumes 1-Year Rate Increase , 9 Month Reserve Target

		Projected					
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	\$476,086	\$596,999	\$767,999	\$914,099
% O&M Charge Rate Increase			77.00%	0.00%	0.00%	0.00%	0.00%
<i>Growth - %</i>			<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$1,392,800	\$1,393,800	\$1,394,800	\$1,395,800	\$1,396,800
Other Operating Revenue	0	0	0	0	0	0	0
<u>Misc Operating Revenue</u>	<u>5,873</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>
Total Operating Revenues	\$801,145	\$791,238	\$1,397,700	\$1,398,700	\$1,399,700	\$1,400,700	\$1,401,700
TOTAL REVENUES	\$801,145	\$791,238	\$1,397,700	\$1,398,700	\$1,399,700	\$1,400,700	\$1,401,700
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	\$189,677	\$120,913	\$171,000	\$146,100	\$93,700
Ending O&M Fund Balance	\$531,314	\$286,409	\$476,086	\$596,999	\$767,999	\$914,099	\$1,007,799
Target (75% O&M, 9 Months)	\$748,802	\$777,107	\$906,017	\$958,340	\$921,525	\$940,950	\$981,000
<i>Target Met</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>yes</i>
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$59.51	\$59.51	\$59.51	\$59.51	\$59.51
Overall Bill Percent Increase			36.3%	0.0%	0.0%	0.0%	0.0%

Table 7e

Del Paso Manor WD

Assumes 2-Year Rate Increase, 9 Month Reserve Target

Water Operations & Maintenance Cash Flow Projection

	Projected						
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	\$169,186	\$363,299	\$607,599	\$827,099
% O&M Charge Rate Increase			38.00%	35.00%	0.00%	0.00%	0.00%
<i>Growth - %</i>			<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$1,085,900	\$1,467,000	\$1,468,100	\$1,469,200	\$1,470,300
Other Operating Revenue	0	0	0	0	0	0	0
<u>Misc Operating Revenue</u>	<u>5,873</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>
Total Operating Revenues	\$801,145	\$791,238	\$1,090,800	\$1,471,900	\$1,473,000	\$1,474,100	\$1,475,200
TOTAL REVENUES	\$801,145	\$791,238	\$1,090,800	\$1,471,900	\$1,473,000	\$1,474,100	\$1,475,200
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	(\$117,223)	\$194,113	\$244,300	\$219,500	\$167,200
Ending O&M Fund Balance	\$531,314	\$286,409	\$169,186	\$363,299	\$607,599	\$827,099	\$994,299
Target (75% O&M, 9 Months)	\$748,802	\$777,107	\$906,017	\$958,340	\$921,525	\$940,950	\$981,000
<i>Target Met</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>yes</i>
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$51.48	\$61.43	\$61.43	\$61.43	\$61.43
Overall Bill Percent Increase			17.9%	19.3%	0.0%	0.0%	0.0%

**Table 7f
Del Paso Manor WD
Water Operations & Maintenance Cash Flow Projection**

Assumes 1-Year Rate Increase, 12 Month Reserve Target

		Projected					
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	\$539,086	\$722,999	\$956,999	\$1,166,099
% O&M Charge Rate Increase			85.00%	0.00%	0.00%	0.00%	0.00%
Growth - %			0.1%	0.1%	0.1%	0.1%	0.1%
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$1,455,800	\$1,456,800	\$1,457,800	\$1,458,800	\$1,459,900
Other Operating Revenue	0	0	0	0	0	0	0
<u>Misc Operating Revenue</u>	<u>5,873</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>
Total Operating Revenues	\$801,145	\$791,238	\$1,460,700	\$1,461,700	\$1,462,700	\$1,463,700	\$1,464,800
TOTAL REVENUES	\$801,145	\$791,238	\$1,460,700	\$1,461,700	\$1,462,700	\$1,463,700	\$1,464,800
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	\$252,677	\$183,913	\$234,000	\$209,100	\$156,800
Ending O&M Fund Balance	\$531,314	\$286,409	\$539,086	\$722,999	\$956,999	\$1,166,099	\$1,322,899
Target (100% O&M, 12 Months)	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
Target Met	no	no	no	no	no	no	yes
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$61.16	\$61.16	\$61.16	\$61.16	\$61.16
Overall Bill Percent Increase			40.1%	0.0%	0.0%	0.0%	0.0%

Table 7g
Del Paso Manor WD
Water Operations & Maintenance Cash Flow Projection

Assumes 2-Year Rate Increase, 12 Month Reserve Target

		Projected					
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	\$184,986	\$455,599	\$776,399	\$1,072,399
% O&M Charge Rate Increase			40.00%	40.00%	0.00%	0.00%	0.00%
<i>Growth - %</i>			<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>	<i>0.1%</i>
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$1,101,700	\$1,543,500	\$1,544,600	\$1,545,700	\$1,546,800
Other Operating Revenue	0	0	0	0	0	0	0
<u>Misc Operating Revenue</u>	<u>5,873</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>	<u>4,900</u>
Total Operating Revenues	\$801,145	\$791,238	\$1,106,600	\$1,548,400	\$1,549,500	\$1,550,600	\$1,551,700
TOTAL REVENUES	\$801,145	\$791,238	\$1,106,600	\$1,548,400	\$1,549,500	\$1,550,600	\$1,551,700
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	(\$101,423)	\$270,613	\$320,800	\$296,000	\$243,700
Ending O&M Fund Balance	\$531,314	\$286,409	\$184,986	\$455,599	\$776,399	\$1,072,399	\$1,316,099
Target (100% O&M, 12 Months)	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
<i>Target Met</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>no</i>	<i>yes</i>
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$51.89	\$63.43	\$63.43	\$63.43	\$63.43
Overall Bill Percent Increase			18.9%	22.2%	0.0%	0.0%	0.0%

**Table 7h
Del Paso Manor WD
Water Operations & Maintenance Cash Flow Projection**

Assumes 1-Year, 45% O&M Rate Increase

		Projected					
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$531,314	\$286,409	\$224,286	\$93,199	\$11,999	(\$94,301)
% O&M Charge Rate Increase			45.00%	0.00%	0.00%	0.00%	0.00%
Growth - %			0.1%	0.1%	0.1%	0.1%	0.1%
REVENUES							
Operating Revenue							
O&M Rates	\$795,272	\$786,338	\$1,141,000	\$1,141,800	\$1,142,600	\$1,143,400	\$1,144,200
Other Operating Revenue	0	0	0	0	0	0	0
Misc Operating Revenue	5,873	4,900	4,900	4,900	4,900	4,900	4,900
Total Operating Revenues	\$801,145	\$791,238	\$1,145,900	\$1,146,700	\$1,147,500	\$1,148,300	\$1,149,100
TOTAL REVENUES	\$801,145	\$791,238	\$1,145,900	\$1,146,700	\$1,147,500	\$1,148,300	\$1,149,100
EXPENSES							
Operating Expenses							
Personnel Expenses*	\$536,176	\$580,458	\$614,735	\$658,145	\$638,100	\$657,500	\$677,300
Maintenance & Repairs*	71,918	89,000	150,000	185,400	155,800	158,800	161,900
Source of Supply	103,605	105,535	108,738	111,942	115,300	118,800	122,400
Conservation	4,463	6,300	11,000	12,000	12,400	12,800	13,200
Administration & General*	190,849	187,100	245,300	231,800	237,100	234,600	258,900
<u>Contracts & Services*</u>	<u>91,394</u>	<u>67,750</u>	<u>78,250</u>	<u>78,500</u>	<u>70,000</u>	<u>72,100</u>	<u>74,300</u>
Total Operating Expenses	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
TOTAL EXPENSES	\$998,403	\$1,036,143	\$1,208,023	\$1,277,787	\$1,228,700	\$1,254,600	\$1,308,000
NET REVENUES	(\$197,258)	(\$244,905)	(\$62,123)	(\$131,087)	(\$81,200)	(\$106,300)	(\$158,900)
Ending O&M Fund Balance	\$531,314	\$286,409	\$224,286	\$93,199	\$11,999	(\$94,301)	(\$253,201)
Total Unrestricted Fund	\$499,202	\$518,072	\$604,012	\$638,893	\$614,350	\$627,300	\$654,000
Target Met	yes	no	no	no	no	no	no
Debt Service Coverage							
With Reserves (Min 120%)	478%	445%	535%	388%	382%	472%	542%
Without Reserves	108%	95%	199%	183%	196%	190%	174%
Monthly Bill - SFR, 8,000 SF	\$43.65	\$43.65	\$52.92	\$52.92	\$52.92	\$52.92	\$52.92
Overall Bill Percent Increase			21.2%	0.0%	0.0%	0.0%	0.0%

Table 8
Del Paso Manor WD
Capital Improvement Projects - Funded By System Maintenance Charges*

Capital Project	Estimated Cost						Totals
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	
SCADA	5,050						5,050
Hydrant/Main Replace @ El Camino & Butano	32,450						32,450
Well #7	24,421	21,000					45,421
DPMWD/CWD Intertie Eval. / IRWMP Portal	13,500						13,500
Well #6B - Shed / Spoils Area		7,000					7,000
Consltns (Mstr Pln, Outrch, Wbst, FinPln,Grnts)			100,000				100,000
Rate Increase Proposal			10,000				10,000
Initial Engineering & RFP for Next Project			100,000				100,000
DPMWD/CWD Intertie Project (50% Grant)			650,000				650,000
Land Purchase (Well Site/Office Building)				375,000			375,000
Total Capital Funded By SMCs	\$75,421	\$28,000	\$860,000	\$375,000	\$0	\$0	\$0 \$1,338,421

*** This is not part of the 2018 rate increase and Table 8 does not reflect all future capital expenditures - Master Plan Update will define**

Source: Prepared by BWA based on DPMWD Approved 2017/18 Budget and discussions with staff.

**Table 9
Del Paso Manor WD
Water Cash Flow Projection - System Maintenance Fund***

System Maintenance
- Without Increases

	2016/17	Projected					
		2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Beginning Fund Balance		\$763,277	\$960,544	\$325,140	\$179,428	\$408,644	\$638,740
REVENUES							
System Maintenance Charges	\$594,715	\$595,142	\$595,571	\$596,000	\$596,429	\$596,858	\$597,288
Connection Fees							
New Loans - Proceeds							
<u>Other Sources</u>							
TOTAL REVENUES	\$594,715	\$595,142	\$595,571	\$596,000	\$596,429	\$596,858	\$597,288
EXPENDITURES							
Series 2010 Revenue COP	\$368,338	\$369,875	\$370,975	\$366,713	\$367,213	\$366,763	\$370,200
New Loan Debt Service							
Capital Improvement Projects							
SCADA	5,050						
Hydrant/Main Replace @ El Camino & Butano	32,450						
Well #7	24,421	21,000					
DPMWD/CWD Intertie Eval. / IRWMP Portal	13,500						
Well #6B - Shed / Spoils Area		7,000					
Consltnnts (Mstr Pln, Outrch, Wbst, FinPln,Grnts)			100,000				
Rate Increase Proposal			10,000				
Initial Engineering & RFP for Next Project			100,000				
DPMWD/CWD Intertie Project (50% Grant)			650,000				
Land Purchase (Well Site/Office Building)				375,000			
Total Expenditures SMC Fund	\$443,759	\$397,875	\$1,230,975	\$741,713	\$367,213	\$366,763	\$370,200
TOTAL EXPENDITURES	\$443,759	\$397,875	\$1,230,975	\$741,713	\$367,213	\$366,763	\$370,200
NET REVENUES	\$150,956	\$197,267	(\$635,404)	(\$145,713)	\$229,217	\$230,096	\$227,088
Ending Fund Balance	\$763,277	\$960,544	\$325,140	\$179,428	\$408,644	\$638,740	\$865,828

** This is not part of the 2018 rate increase and Table 9 does not reflect all future capital expenditures - Master Plan Update will define*

Table 10a
Del Paso Manor WD
Projected Water Rates, 1-Year Increase

Assumes 1-Year Rate Increase, No Rate Structure Change

	Current	2018/19	2019/20	2020/21	2021/22	2022/23
		71.00%	0.00%	0.00%	0.00%	0.00%
O&M Charges						
Single Family Home	\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$26.93	\$26.93	\$26.93	\$26.93	\$26.93
5,001 - 8,000 sq. ft.	\$20.60	\$35.23	\$35.23	\$35.23	\$35.23	\$35.23
8,001 - 11,000 sq. ft.	\$24.20	\$41.38	\$41.38	\$41.38	\$41.38	\$41.38
11,001 - 14,000 sq. ft.	\$27.85	\$47.62	\$47.62	\$47.62	\$47.62	\$47.62
14,001 - 17,000 sq. ft.	\$31.45	\$53.78	\$53.78	\$53.78	\$53.78	\$53.78
17,001 - 20,000 sq. ft.	\$35.10	\$60.02	\$60.02	\$60.02	\$60.02	\$60.02
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$2.07	\$2.07	\$2.07	\$2.07	\$2.07
Duplex/Multi-Family	\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$48.65	\$48.65	\$48.65	\$48.65	\$48.65
5,001 - 8,000 sq. ft.	\$33.30	\$56.94	\$56.94	\$56.94	\$56.94	\$56.94
8,001 - 11,000 sq. ft.	\$36.90	\$63.10	\$63.10	\$63.10	\$63.10	\$63.10
11,001 - 14,000 sq. ft.	\$40.55	\$69.34	\$69.34	\$69.34	\$69.34	\$69.34
14,001 - 17,000 sq. ft.	\$44.20	\$75.58	\$75.58	\$75.58	\$75.58	\$75.58
17,001 - 20,000 sq. ft.	\$47.80	\$81.74	\$81.74	\$81.74	\$81.74	\$81.74
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$2.07	\$2.07	\$2.07	\$2.07	\$2.07
Flat Rate Commercial	\$ per Month					
3/4" - 5/8"	\$26.60	\$45.49	\$45.49	\$45.49	\$45.49	\$45.49
1"	\$36.75	\$62.84	\$62.84	\$62.84	\$62.84	\$62.84
1 1/2"	\$53.15	\$90.89	\$90.89	\$90.89	\$90.89	\$90.89
2"	\$107.60	\$184.00	\$184.00	\$184.00	\$184.00	\$184.00
Meter Readiness to Service Charge	\$ per Month					
5/8"	\$15.10	\$15.13	\$15.13	\$15.13	\$15.13	\$15.13
1"	\$21.00	\$37.83	\$37.83	\$37.83	\$37.83	\$37.83
1 1/2"	\$30.40	\$75.65	\$75.65	\$75.65	\$75.65	\$75.65
2"	\$61.45	\$121.04	\$121.04	\$121.04	\$121.04	\$121.04
3"	\$114.25	\$226.95	\$226.95	\$226.95	\$226.95	\$226.95
4"	\$186.05	\$378.26	\$378.26	\$378.26	\$378.26	\$378.26
6"	\$320.20	\$756.51	\$756.51	\$756.51	\$756.51	\$756.51
Volumetric Rate Commercial						
\$ per 100 CU ft	\$0.95	\$1.39	\$1.39	\$1.39	\$1.39	\$1.39
Temporary Water Service (construction water)						
\$ per 100 CU ft	\$1.43	\$2.45	\$2.45	\$2.45	\$2.45	\$2.45
Fire Service Rates						
4"	\$54.00	\$75.65	\$75.65	\$75.65	\$75.65	\$75.65
6"	\$81.00	\$151.30	\$151.30	\$151.30	\$151.30	\$151.30
8"	\$108.00	\$242.08	\$242.08	\$242.08	\$242.08	\$242.08
10"	\$135.00	\$348.00	\$348.00	\$348.00	\$348.00	\$348.00
System Maintenance Charge Increase		0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases						
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$58.28	\$58.28	\$58.28	\$58.28	\$58.28
Overall Bill Percent Increase		33.5%	0.0%	0.0%	0.0%	0.0%

Table 10b

Del Paso Manor WD

Projected Water Rates - Same Structure, 2-Year Increase

Assumes 2-Year Rate Increase, No Rate Structure Change

	Current	2018/19	2019/20	2020/21	2021/22	2022/23
O&M Charges		35.00%	33.00%	0.00%	0.00%	0.00%
Single Family Home	\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$21.26	\$28.28	\$28.28	\$28.28	\$28.28
5,001 - 8,000 sq. ft.	\$20.60	\$27.81	\$36.99	\$36.99	\$36.99	\$36.99
8,001 - 11,000 sq. ft.	\$24.20	\$32.67	\$43.45	\$43.45	\$43.45	\$43.45
11,001 - 14,000 sq. ft.	\$27.85	\$37.60	\$50.01	\$50.01	\$50.01	\$50.01
14,001 - 17,000 sq. ft.	\$31.45	\$42.46	\$56.47	\$56.47	\$56.47	\$56.47
17,001 - 20,000 sq. ft.	\$35.10	\$47.39	\$63.03	\$63.03	\$63.03	\$63.03
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$1.63	\$2.17	\$2.17	\$2.17	\$2.17
Duplex/Multi-Family	\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$38.41	\$51.09	\$51.09	\$51.09	\$51.09
5,001 - 8,000 sq. ft.	\$33.30	\$44.96	\$59.80	\$59.80	\$59.80	\$59.80
8,001 - 11,000 sq. ft.	\$36.90	\$49.82	\$66.26	\$66.26	\$66.26	\$66.26
11,001 - 14,000 sq. ft.	\$40.55	\$54.74	\$72.80	\$72.80	\$72.80	\$72.80
14,001 - 17,000 sq. ft.	\$44.20	\$59.67	\$79.36	\$79.36	\$79.36	\$79.36
17,001 - 20,000 sq. ft.	\$47.80	\$64.53	\$85.82	\$85.82	\$85.82	\$85.82
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$1.63	\$2.17	\$2.17	\$2.17	\$2.17
Flat Rate Commercial	\$ per Month					
3/4" - 5/8"	\$26.60	\$35.91	\$47.76	\$47.76	\$47.76	\$47.76
1"	\$36.75	\$49.61	\$65.98	\$65.98	\$65.98	\$65.98
1 1/2"	\$53.15	\$71.75	\$95.43	\$95.43	\$95.43	\$95.43
2"	\$107.60	\$145.26	\$193.20	\$193.20	\$193.20	\$193.20
Meter Readiness to Service Charge	\$ per Month					
5/8"	\$15.10	\$20.39	\$27.12	\$27.12	\$27.12	\$27.12
1"	\$21.00	\$28.35	\$37.71	\$37.71	\$37.71	\$37.71
1 1/2"	\$30.40	\$41.04	\$54.58	\$54.58	\$54.58	\$54.58
2"	\$61.45	\$82.96	\$110.34	\$110.34	\$110.34	\$110.34
3"	\$114.25	\$154.24	\$205.14	\$205.14	\$205.14	\$205.14
4"	\$186.05	\$251.17	\$334.06	\$334.06	\$334.06	\$334.06
6"	\$320.20	\$432.27	\$574.92	\$574.92	\$574.92	\$574.92
Volumetric Rate Commercial						
\$ per 100 CU ft	\$0.95	\$1.28	\$1.70	\$1.70	\$1.70	\$1.70
Temporary Water Service (construction water)						
\$ per 100 CU ft	\$1.43	\$1.93	\$2.57	\$2.57	\$2.57	\$2.57
System Maintenance Charge Increase		0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases						
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$50.86	\$60.04	\$60.04	\$60.04	\$60.04
Overall Bill Percent Increase		16.5%	18.0%	0.0%	0.0%	0.0%

Table 10c

Del Paso Manor WD

Projected Water Rates - No Increase

Assumes No Rate Increase, No Rate Structure Change

	Current	2018/19	2019/20	2020/21	2021/22	2022/23
O&M Charges		0.00%	0.00%	0.00%	0.00%	0.00%
Single Family Home	\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$15.75	\$15.75	\$15.75	\$15.75	\$15.75
5,001 - 8,000 sq. ft.	\$20.60	\$20.60	\$20.60	\$20.60	\$20.60	\$20.60
8,001 - 11,000 sq. ft.	\$24.20	\$24.20	\$24.20	\$24.20	\$24.20	\$24.20
11,001 - 14,000 sq. ft.	\$27.85	\$27.85	\$27.85	\$27.85	\$27.85	\$27.85
14,001 - 17,000 sq. ft.	\$31.45	\$31.45	\$31.45	\$31.45	\$31.45	\$31.45
17,001 - 20,000 sq. ft.	\$35.10	\$35.10	\$35.10	\$35.10	\$35.10	\$35.10
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$1.21	\$1.21	\$1.21	\$1.21	\$1.21
Duplex/Multi-Family	\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$28.45	\$28.45	\$28.45	\$28.45	\$28.45
5,001 - 8,000 sq. ft.	\$33.30	\$33.30	\$33.30	\$33.30	\$33.30	\$33.30
8,001 - 11,000 sq. ft.	\$36.90	\$36.90	\$36.90	\$36.90	\$36.90	\$36.90
11,001 - 14,000 sq. ft.	\$40.55	\$40.55	\$40.55	\$40.55	\$40.55	\$40.55
14,001 - 17,000 sq. ft.	\$44.20	\$44.20	\$44.20	\$44.20	\$44.20	\$44.20
17,001 - 20,000 sq. ft.	\$47.80	\$47.80	\$47.80	\$47.80	\$47.80	\$47.80
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$1.21	\$1.21	\$1.21	\$1.21	\$1.21
Flat Rate Commercial	\$ per Month					
3/4" - 5/8"	\$26.60	\$26.60	\$26.60	\$26.60	\$26.60	\$26.60
1"	\$36.75	\$36.75	\$36.75	\$36.75	\$36.75	\$36.75
1 1/2"	\$53.15	\$53.15	\$53.15	\$53.15	\$53.15	\$53.15
2"	\$107.60	\$107.60	\$107.60	\$107.60	\$107.60	\$107.60
Meter Readiness to Service Charge	\$ per Month					
5/8"	\$15.10	\$15.10	\$15.10	\$15.10	\$15.10	\$15.10
1"	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00	\$21.00
1 1/2"	\$30.40	\$30.40	\$30.40	\$30.40	\$30.40	\$30.40
2"	\$61.45	\$61.45	\$61.45	\$61.45	\$61.45	\$61.45
3"	\$114.25	\$114.25	\$114.25	\$114.25	\$114.25	\$114.25
4"	\$186.05	\$186.05	\$186.05	\$186.05	\$186.05	\$186.05
6"	\$320.20	\$320.20	\$320.20	\$320.20	\$320.20	\$320.20
Volumetric Rate Commercial						
\$ per 100 CU ft	\$0.95	\$0.95	\$0.95	\$0.95	\$0.95	\$0.95
Temporary Water Service (construction water)						
\$ per 100 CU ft	\$1.43	\$1.43	\$1.43	\$1.43	\$1.43	\$1.43
System Maintenance Charge Increase		0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases						
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$43.65	\$43.65	\$43.65	\$43.65	\$43.65
Overall Bill Percent Increase		0.0%	0.0%	0.0%	0.0%	0.0%

Table 10d

Del Paso Manor WD

Projected Water Rates - Same Structure, 1-Year Increase

Assumes No Rate Structure Change
Assumes 1-Year Rate Increase, 9 Month O&M Reserve

	Current	2018/19	2019/20	2020/21	2021/22	2022/23
O&M Charges		77.00%	0.00%	0.00%	0.00%	0.00%
Single Family Home	\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$27.88	\$27.88	\$27.88	\$27.88	\$27.88
5,001 - 8,000 sq. ft.	\$20.60	\$36.46	\$36.46	\$36.46	\$36.46	\$36.46
8,001 - 11,000 sq. ft.	\$24.20	\$42.83	\$42.83	\$42.83	\$42.83	\$42.83
11,001 - 14,000 sq. ft.	\$27.85	\$49.29	\$49.29	\$49.29	\$49.29	\$49.29
14,001 - 17,000 sq. ft.	\$31.45	\$55.67	\$55.67	\$55.67	\$55.67	\$55.67
17,001 - 20,000 sq. ft.	\$35.10	\$62.13	\$62.13	\$62.13	\$62.13	\$62.13
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$2.14	\$2.14	\$2.14	\$2.14	\$2.14
Duplex/Multi-Family	\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$50.36	\$50.36	\$50.36	\$50.36	\$50.36
5,001 - 8,000 sq. ft.	\$33.30	\$58.94	\$58.94	\$58.94	\$58.94	\$58.94
8,001 - 11,000 sq. ft.	\$36.90	\$65.31	\$65.31	\$65.31	\$65.31	\$65.31
11,001 - 14,000 sq. ft.	\$40.55	\$71.77	\$71.77	\$71.77	\$71.77	\$71.77
14,001 - 17,000 sq. ft.	\$44.20	\$78.23	\$78.23	\$78.23	\$78.23	\$78.23
17,001 - 20,000 sq. ft.	\$47.80	\$84.61	\$84.61	\$84.61	\$84.61	\$84.61
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$2.14	\$2.14	\$2.14	\$2.14	\$2.14
Flat Rate Commercial	\$ per Month					
3/4" - 5/8"	\$26.60	\$47.08	\$47.08	\$47.08	\$47.08	\$47.08
1"	\$36.75	\$65.05	\$65.05	\$65.05	\$65.05	\$65.05
1 1/2"	\$53.15	\$94.08	\$94.08	\$94.08	\$94.08	\$94.08
2"	\$107.60	\$190.45	\$190.45	\$190.45	\$190.45	\$190.45
Meter Readiness to Service Charge	\$ per Month					
5/8"	\$15.10	\$15.66	\$15.66	\$15.66	\$15.66	\$15.66
1"	\$21.00	\$39.15	\$39.15	\$39.15	\$39.15	\$39.15
1 1/2"	\$30.40	\$78.31	\$78.31	\$78.31	\$78.31	\$78.31
2"	\$61.45	\$125.29	\$125.29	\$125.29	\$125.29	\$125.29
3"	\$114.25	\$234.92	\$234.92	\$234.92	\$234.92	\$234.92
4"	\$186.05	\$391.53	\$391.53	\$391.53	\$391.53	\$391.53
6"	\$320.20	\$783.06	\$783.06	\$783.06	\$783.06	\$783.06
Volumetric Rate Commercial						
\$ per 100 CU ft	\$0.95	\$1.47	\$1.47	\$1.47	\$1.47	\$1.47
Temporary Water Service (construction water)						
\$ per 100 CU ft	\$1.43	\$2.53	\$2.53	\$2.53	\$2.53	\$2.53
Fire Service Rates						
4"	\$54.00	\$78.31	\$78.31	\$78.31	\$78.31	\$78.31
6"	\$81.00	\$156.61	\$156.61	\$156.61	\$156.61	\$156.61
8"	\$108.00	\$250.58	\$250.58	\$250.58	\$250.58	\$250.58
10"	\$135.00	\$360.21	\$360.21	\$360.21	\$360.21	\$360.21
System Maintenance Charge Increase		0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases						
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$59.51	\$59.51	\$59.51	\$59.51	\$59.51
Overall Bill Percent Increase		36.3%	0.0%	0.0%	0.0%	0.0%

Table 10e

Del Paso Manor WD

Projected Water Rates - Same Structure, 2-Year Increase

Assumes 2-Year Rate Increase, 9 Month O&M Reserve, No Rate Structure Change

	Current	2018/19	2019/20	2020/21	2021/22	2022/23
O&M Charges		38.00%	35.00%	0.00%	0.00%	0.00%
Single Family Home	\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$21.74	\$29.35	\$29.35	\$29.35	\$29.35
5,001 - 8,000 sq. ft.	\$20.60	\$28.43	\$38.38	\$38.38	\$38.38	\$38.38
8,001 - 11,000 sq. ft.	\$24.20	\$33.40	\$45.09	\$45.09	\$45.09	\$45.09
11,001 - 14,000 sq. ft.	\$27.85	\$38.43	\$51.88	\$51.88	\$51.88	\$51.88
14,001 - 17,000 sq. ft.	\$31.45	\$43.40	\$58.59	\$58.59	\$58.59	\$58.59
17,001 - 20,000 sq. ft.	\$35.10	\$48.44	\$65.39	\$65.39	\$65.39	\$65.39
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$1.67	\$2.25	\$2.25	\$2.25	\$2.25
Duplex/Multi-Family	\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$39.26	\$53.00	\$53.00	\$53.00	\$53.00
5,001 - 8,000 sq. ft.	\$33.30	\$45.95	\$62.03	\$62.03	\$62.03	\$62.03
8,001 - 11,000 sq. ft.	\$36.90	\$50.92	\$68.74	\$68.74	\$68.74	\$68.74
11,001 - 14,000 sq. ft.	\$40.55	\$55.96	\$75.55	\$75.55	\$75.55	\$75.55
14,001 - 17,000 sq. ft.	\$44.20	\$61.00	\$82.35	\$82.35	\$82.35	\$82.35
17,001 - 20,000 sq. ft.	\$47.80	\$65.96	\$89.05	\$89.05	\$89.05	\$89.05
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$1.67	\$2.25	\$2.25	\$2.25	\$2.25
Flat Rate Commercial	\$ per Month					
3/4" - 5/8"	\$26.60	\$36.71	\$49.56	\$49.56	\$49.56	\$49.56
1"	\$36.75	\$50.72	\$68.47	\$68.47	\$68.47	\$68.47
1 1/2"	\$53.15	\$73.35	\$99.02	\$99.02	\$99.02	\$99.02
2"	\$107.60	\$148.49	\$200.46	\$200.46	\$200.46	\$200.46
Meter Readiness to Service Charge	\$ per Month					
5/8"	\$15.10	\$20.84	\$28.13	\$28.13	\$28.13	\$28.13
1"	\$21.00	\$28.98	\$39.12	\$39.12	\$39.12	\$39.12
1 1/2"	\$30.40	\$41.95	\$56.63	\$56.63	\$56.63	\$56.63
2"	\$61.45	\$84.80	\$114.48	\$114.48	\$114.48	\$114.48
3"	\$114.25	\$157.67	\$212.85	\$212.85	\$212.85	\$212.85
4"	\$186.05	\$256.75	\$346.61	\$346.61	\$346.61	\$346.61
6"	\$320.20	\$441.88	\$596.54	\$596.54	\$596.54	\$596.54
Volumetric Rate Commercial						
\$ per 100 CU ft	\$0.95	\$1.31	\$1.77	\$1.77	\$1.77	\$1.77
Temporary Water Service (construction water)						
\$ per 100 CU ft	\$1.43	\$1.97	\$2.66	\$2.66	\$2.66	\$2.66
System Maintenance Charge Increase		0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases						
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$51.48	\$61.43	\$61.43	\$61.43	\$61.43
Overall Bill Percent Increase		17.9%	19.3%	0.0%	0.0%	0.0%

Table 10f

Del Paso Manor WD

Assumes 1-Year Rate Increase, 12 Month O&M Reserve, No Rate Structure Change

Projected Water Rates - Same Structure, 1-Year Increase

	Current	2018/19	2019/20	2020/21	2021/22	2022/23
O&M Charges		85.00%	0.00%	0.00%	0.00%	0.00%
Single Family Home	\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$29.14	\$29.14	\$29.14	\$29.14	\$29.14
5,001 - 8,000 sq. ft.	\$20.60	\$38.11	\$38.11	\$38.11	\$38.11	\$38.11
8,001 - 11,000 sq. ft.	\$24.20	\$44.77	\$44.77	\$44.77	\$44.77	\$44.77
11,001 - 14,000 sq. ft.	\$27.85	\$51.52	\$51.52	\$51.52	\$51.52	\$51.52
14,001 - 17,000 sq. ft.	\$31.45	\$58.18	\$58.18	\$58.18	\$58.18	\$58.18
17,001 - 20,000 sq. ft.	\$35.10	\$64.94	\$64.94	\$64.94	\$64.94	\$64.94
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$2.24	\$2.24	\$2.24	\$2.24	\$2.24
Duplex/Multi-Family	\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$52.63	\$52.63	\$52.63	\$52.63	\$52.63
5,001 - 8,000 sq. ft.	\$33.30	\$61.61	\$61.61	\$61.61	\$61.61	\$61.61
8,001 - 11,000 sq. ft.	\$36.90	\$68.27	\$68.27	\$68.27	\$68.27	\$68.27
11,001 - 14,000 sq. ft.	\$40.55	\$75.02	\$75.02	\$75.02	\$75.02	\$75.02
14,001 - 17,000 sq. ft.	\$44.20	\$81.77	\$81.77	\$81.77	\$81.77	\$81.77
17,001 - 20,000 sq. ft.	\$47.80	\$88.43	\$88.43	\$88.43	\$88.43	\$88.43
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$2.24	\$2.24	\$2.24	\$2.24	\$2.24
Flat Rate Commercial	\$ per Month					
3/4" - 5/8"	\$26.60	\$49.21	\$49.21	\$49.21	\$49.21	\$49.21
1"	\$36.75	\$67.99	\$67.99	\$67.99	\$67.99	\$67.99
1 1/2"	\$53.15	\$98.33	\$98.33	\$98.33	\$98.33	\$98.33
2"	\$107.60	\$199.06	\$199.06	\$199.06	\$199.06	\$199.06
Meter Readiness to Service Charge	\$ per Month					
5/8"	\$15.10	\$16.37	\$16.37	\$16.37	\$16.37	\$16.37
1"	\$21.00	\$40.92	\$40.92	\$40.92	\$40.92	\$40.92
1 1/2"	\$30.40	\$81.84	\$81.84	\$81.84	\$81.84	\$81.84
2"	\$61.45	\$130.95	\$130.95	\$130.95	\$130.95	\$130.95
3"	\$114.25	\$245.53	\$245.53	\$245.53	\$245.53	\$245.53
4"	\$186.05	\$409.22	\$409.22	\$409.22	\$409.22	\$409.22
6"	\$320.20	\$818.45	\$818.45	\$818.45	\$818.45	\$818.45
Volumetric Rate Commercial						
\$ per 100 CU ft	\$0.95	\$1.53	\$1.53	\$1.53	\$1.53	\$1.53
Temporary Water Service (construction water)						
\$ per 100 CU ft	\$1.43	\$2.65	\$2.65	\$2.65	\$2.65	\$2.65
Fire Service Rates						
4"	\$54.00	\$81.84	\$81.84	\$81.84	\$81.84	\$81.84
6"	\$81.00	\$163.69	\$163.69	\$163.69	\$163.69	\$163.69
8"	\$108.00	\$261.90	\$261.90	\$261.90	\$261.90	\$261.90
10"	\$135.00	\$376.49	\$376.49	\$376.49	\$376.49	\$376.49
System Maintenance Charge Increase		0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases						
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$61.16	\$61.16	\$61.16	\$61.16	\$61.16
Overall Bill Percent Increase		40.1%	0.0%	0.0%	0.0%	0.0%

Table 10g

Del Paso Manor WD

Projected Water Rates - Same Structure, 2-Year Increase

Assumes 2-Year Rate Increase, 12 Month O&M Reserve, No Rate Structure Change

	Current	2018/19	2019/20	2020/21	2021/22	2022/23
O&M Charges		40.00%	40.00%	0.00%	0.00%	0.00%
Single Family Home	\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$22.05	\$30.87	\$30.87	\$30.87	\$30.87
5,001 - 8,000 sq. ft.	\$20.60	\$28.84	\$40.38	\$40.38	\$40.38	\$40.38
8,001 - 11,000 sq. ft.	\$24.20	\$33.88	\$47.43	\$47.43	\$47.43	\$47.43
11,001 - 14,000 sq. ft.	\$27.85	\$38.99	\$54.59	\$54.59	\$54.59	\$54.59
14,001 - 17,000 sq. ft.	\$31.45	\$44.03	\$61.64	\$61.64	\$61.64	\$61.64
17,001 - 20,000 sq. ft.	\$35.10	\$49.14	\$68.80	\$68.80	\$68.80	\$68.80
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$1.69	\$2.37	\$2.37	\$2.37	\$2.37
Duplex/Multi-Family	\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$39.83	\$55.76	\$55.76	\$55.76	\$55.76
5,001 - 8,000 sq. ft.	\$33.30	\$46.62	\$65.27	\$65.27	\$65.27	\$65.27
8,001 - 11,000 sq. ft.	\$36.90	\$51.66	\$72.32	\$72.32	\$72.32	\$72.32
11,001 - 14,000 sq. ft.	\$40.55	\$56.77	\$79.48	\$79.48	\$79.48	\$79.48
14,001 - 17,000 sq. ft.	\$44.20	\$61.88	\$86.63	\$86.63	\$86.63	\$86.63
17,001 - 20,000 sq. ft.	\$47.80	\$66.92	\$93.69	\$93.69	\$93.69	\$93.69
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$1.69	\$2.37	\$2.37	\$2.37	\$2.37
Flat Rate Commercial	\$ per Month					
3/4" - 5/8"	\$26.60	\$37.24	\$52.14	\$52.14	\$52.14	\$52.14
1"	\$36.75	\$51.45	\$72.03	\$72.03	\$72.03	\$72.03
1 1/2"	\$53.15	\$74.41	\$104.17	\$104.17	\$104.17	\$104.17
2"	\$107.60	\$150.64	\$210.90	\$210.90	\$210.90	\$210.90
Meter Readiness to Service Charge	\$ per Month					
5/8"	\$15.10	\$21.14	\$29.60	\$29.60	\$29.60	\$29.60
1"	\$21.00	\$29.40	\$41.16	\$41.16	\$41.16	\$41.16
1 1/2"	\$30.40	\$42.56	\$59.58	\$59.58	\$59.58	\$59.58
2"	\$61.45	\$86.03	\$120.44	\$120.44	\$120.44	\$120.44
3"	\$114.25	\$159.95	\$223.93	\$223.93	\$223.93	\$223.93
4"	\$186.05	\$260.47	\$364.66	\$364.66	\$364.66	\$364.66
6"	\$320.20	\$448.28	\$627.59	\$627.59	\$627.59	\$627.59
Volumetric Rate Commercial						
\$ per 100 CU ft	\$0.95	\$1.33	\$1.86	\$1.86	\$1.86	\$1.86
Temporary Water Service (construction water)						
\$ per 100 CU ft	\$1.43	\$2.00	\$2.80	\$2.80	\$2.80	\$2.80
System Maintenance Charge Increase		0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases						
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$51.89	\$63.43	\$63.43	\$63.43	\$63.43
Overall Bill Percent Increase		18.9%	22.2%	0.0%	0.0%	0.0%

Table 10h

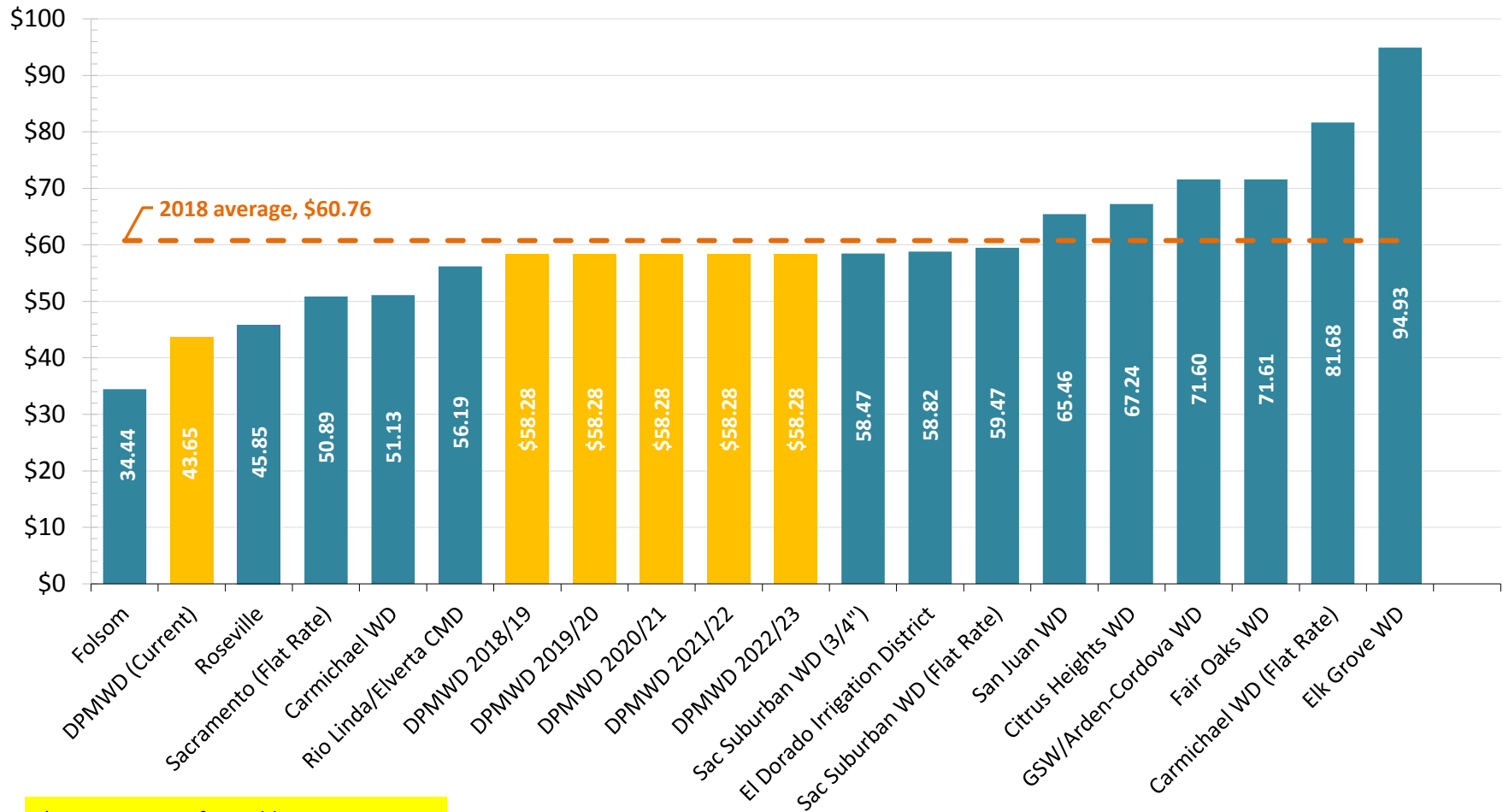
Del Paso Manor WD

Assumes 1-Year, 45% O&M Rate Increase, No Rate Structure Change

Projected Water Rates - Same Structure, 45% O&M Rate Increase

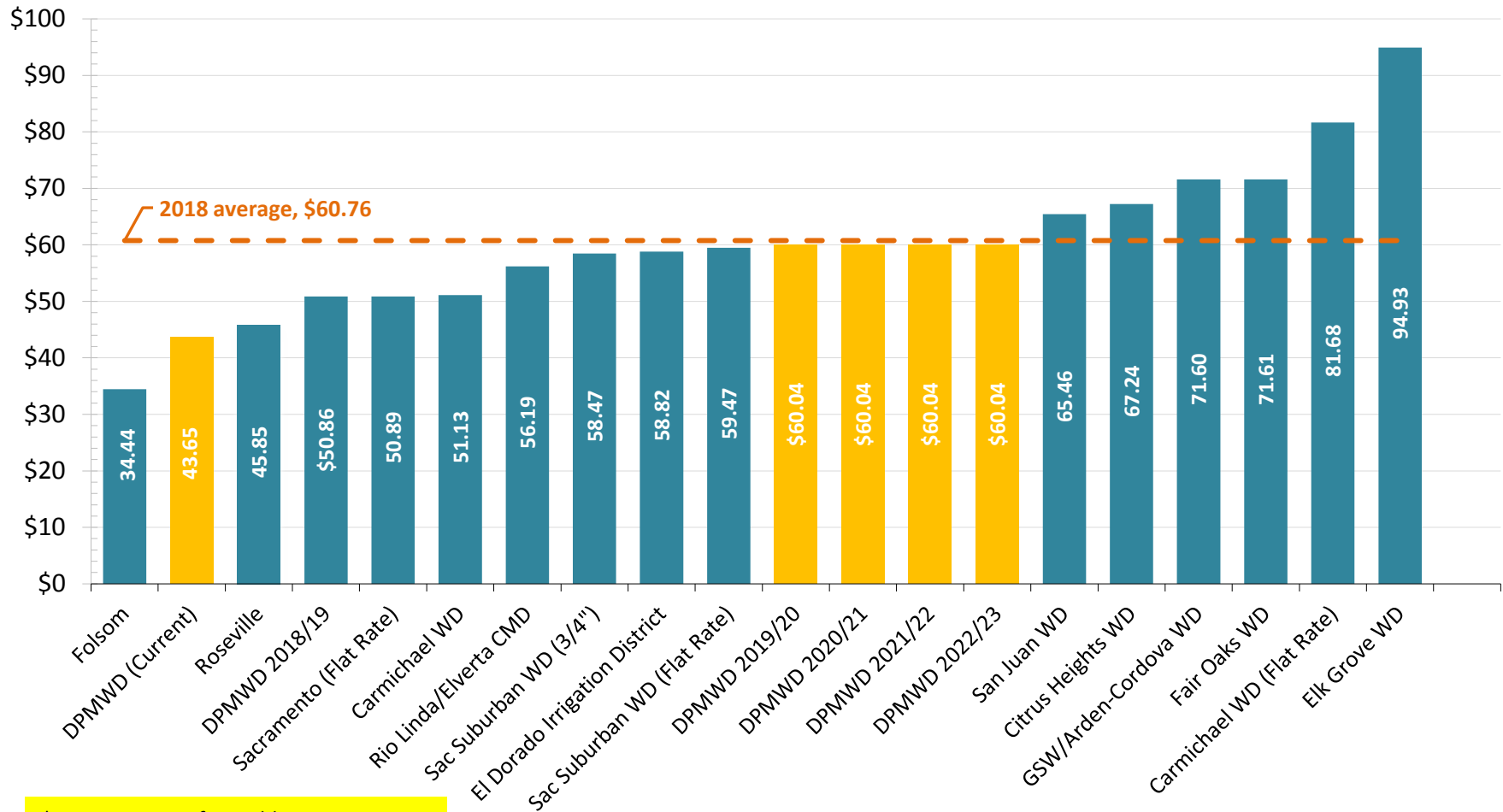
Current	2018/19	2019/20	2020/21	2021/22	2022/23
O&M Charges	45.00%	0.00%	0.00%	0.00%	0.00%
Single Family Home					
\$ per Month					
0 - 5,000 sq. ft.	\$15.75	\$22.84	\$22.84	\$22.84	\$22.84
5,001 - 8,000 sq. ft.	\$20.60	\$29.87	\$29.87	\$29.87	\$29.87
8,001 - 11,000 sq. ft.	\$24.20	\$35.09	\$35.09	\$35.09	\$35.09
11,001 - 14,000 sq. ft.	\$27.85	\$40.38	\$40.38	\$40.38	\$40.38
14,001 - 17,000 sq. ft.	\$31.45	\$45.60	\$45.60	\$45.60	\$45.60
17,001 - 20,000 sq. ft.	\$35.10	\$50.90	\$50.90	\$50.90	\$50.90
Over 20,000 sq. ft.	\$35.10 + \$1.21 per 1k sf	\$1.75	\$1.75	\$1.75	\$1.75
Duplex/Multi-Family					
\$ per Month					
0 - 5,000 sq. ft.	\$28.45	\$41.25	\$41.25	\$41.25	\$41.25
5,001 - 8,000 sq. ft.	\$33.30	\$48.29	\$48.29	\$48.29	\$48.29
8,001 - 11,000 sq. ft.	\$36.90	\$53.51	\$53.51	\$53.51	\$53.51
11,001 - 14,000 sq. ft.	\$40.55	\$58.80	\$58.80	\$58.80	\$58.80
14,001 - 17,000 sq. ft.	\$44.20	\$64.09	\$64.09	\$64.09	\$64.09
17,001 - 20,000 sq. ft.	\$47.80	\$69.31	\$69.31	\$69.31	\$69.31
Over 20,000 sq. ft.	\$47.80 + \$1.21 per 1k sf	\$1.75	\$1.75	\$1.75	\$1.75
Flat Rate Commercial					
\$ per Month					
3/4" - 5/8"	\$26.60	\$38.57	\$38.57	\$38.57	\$38.57
1"	\$36.75	\$53.29	\$53.29	\$53.29	\$53.29
1 1/2"	\$53.15	\$77.07	\$77.07	\$77.07	\$77.07
2"	\$107.60	\$156.02	\$156.02	\$156.02	\$156.02
Meter Readiness to Service Charge					
\$ per Month					
5/8"	\$15.10	\$21.90	\$21.90	\$21.90	\$21.90
1"	\$21.00	\$30.45	\$30.45	\$30.45	\$30.45
1 1/2"	\$30.40	\$44.08	\$44.08	\$44.08	\$44.08
2"	\$61.45	\$89.10	\$89.10	\$89.10	\$89.10
3"	\$114.25	\$165.66	\$165.66	\$165.66	\$165.66
4"	\$186.05	\$269.77	\$269.77	\$269.77	\$269.77
6"	\$320.20	\$464.29	\$464.29	\$464.29	\$464.29
Volumetric Rate Commercial					
\$ per 100 CU ft	\$0.95	\$1.38	\$1.38	\$1.38	\$1.38
Temporary Water Service (construction water)					
\$ per 100 CU ft	\$1.43	\$2.07	\$2.07	\$2.07	\$2.07
System Maintenance Charge Increase	0.00%	0.00%	0.00%	0.00%	0.00%
Service Maintenance Charge - No Increases					
Resi up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Resi over 1" (Per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Duplex (each side)	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Extra Tap (per 1")	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial up to 1"	\$23.05	\$23.05	\$23.05	\$23.05	\$23.05
Commercial 1 1/2"	\$46.10	\$46.10	\$46.10	\$46.10	\$46.10
Commercial 2"	\$73.75	\$73.75	\$73.75	\$73.75	\$73.75
Commercial 3"	\$138.30	\$138.30	\$138.30	\$138.30	\$138.30
Commercial 4"	\$230.50	\$230.50	\$230.50	\$230.50	\$230.50
Commercial 6"	\$461.00	\$461.00	\$461.00	\$461.00	\$461.00
Typical Monthly Bill - SFR, 8,000 sf lot	\$43.65	\$52.92	\$52.92	\$52.92	\$52.92
Overall Bill Percent Increase		21.2%	0.0%	0.0%	0.0%

Chart 2 - Single Family Residential Monthly Water Rate Projection: 1Yr Increase*

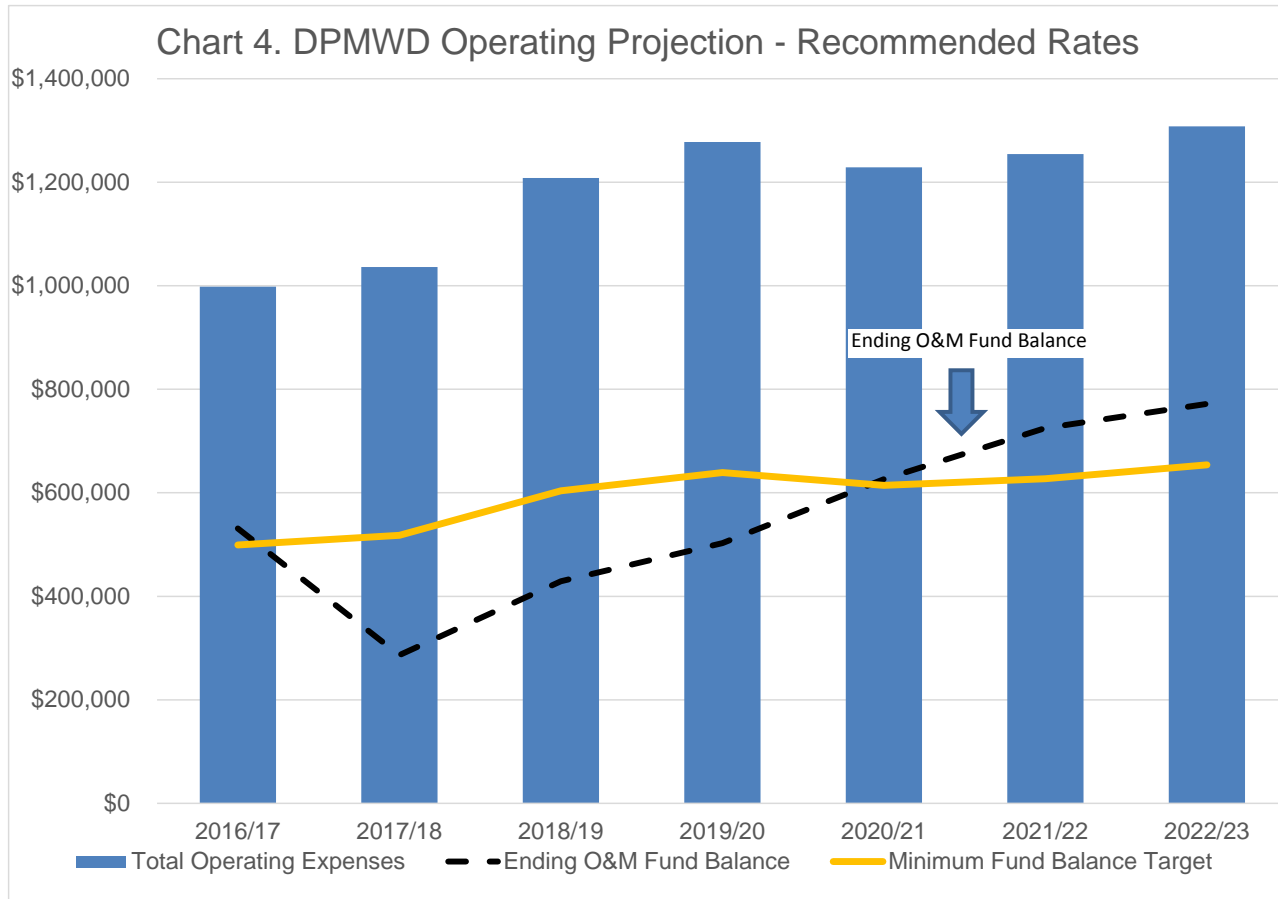


*assumes 1800 cf monthly usage

Chart 3 - Single Family Residential Monthly Water Rate Projection: 2Yr Increase*

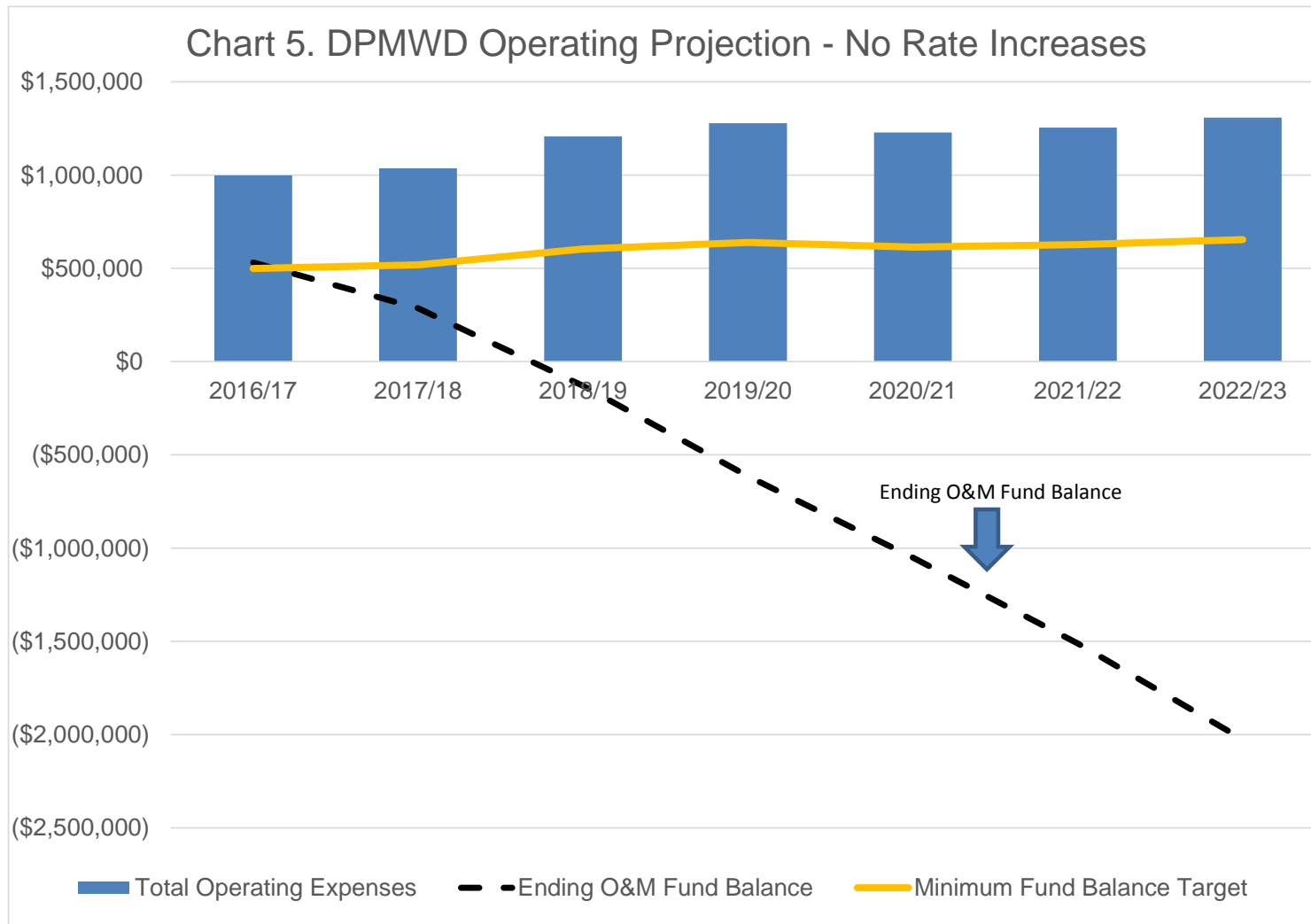


*assumes 1800 cf monthly usage



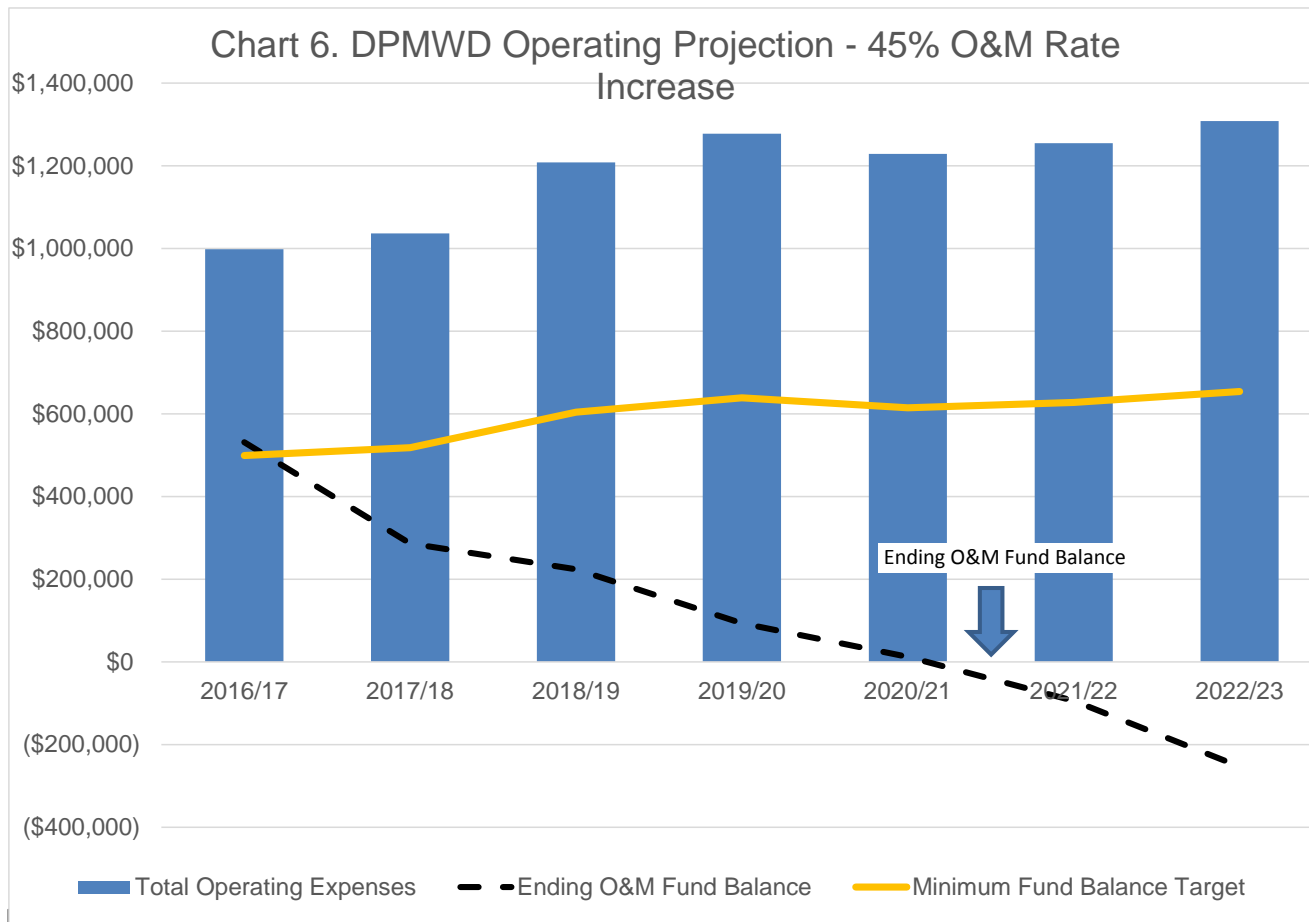
DPMWD - RECOMMENDED RATE INCREASES

1. Operating Reserves reach target in 2020/21
2. District will meet all debt service coverage requirements



DPMWD - RESULTS OF NO RATE INCREASES

1. Operating Reserves go Negative in 2019/20
2. District Will Fail Debt Service Coverage Requirement in 2019/20
3. Total Reserves (Operating and System Maintenance) Will go Negative in 2020/21



1. Operating Reserves go Negative in 2021/22

Table 11a
Del Paso Manor WD
Debt Service Coverage Calculation, 1-Year Increase

Assumes 1 Year Rate Increase

Future D.S. Coverage Projection

	Actual 16/17	Notes	17/18	18/19	19/20	20/21	21/22	22/23
FY 2017 Revenues								
Gross Revenues:								
Water Sales	1,389,987	<i>FY17 Audit, Pg 8</i>						
Interest Income	4,762	<i>FY17 Audit, Pg 8</i>						
Other	1,111	<i>FY17 Audit, Pg 8</i>						
Total Gross Revenues	1,395,860		\$1,386,380	\$1,946,071	\$1,947,500	\$1,948,929	\$1,950,358	\$1,951,788
Unrestricted Reserves (End of FY16)								
Cash	731,228	<i>FY16 Audit, Pg 13</i>						
Investments	631,691	<i>FY16 Audit, Pg 13</i>						
Total Unrestricted Reserves	1,362,919		\$1,294,591	\$1,246,953	\$754,026	\$682,027	\$1,035,043	\$1,364,039
Total Revenues Available for Coverage	2,758,779		2,680,971	3,193,024	2,701,526	2,630,956	2,985,401	3,315,827
FY 2017 O&M Expenses								
Source of Supply:								
Water Purchases	5,332	<i>FY17 Audit Pg 8</i>						
Pumping	98,273	<i>FY17 Audit Pg 8</i>						
Water Treatment	5,250	<i>FY17 Audit Pg 8</i>						
Transmission & Distribution	297,616	<i>FY17 Audit Pg 8</i>						
Administration & General	589,925	<i>FY17 Audit Pg 8</i>						
Total Operating Expenses	996,396		1,036,143	1,208,023	1,277,787	1,228,700	1,254,600	1,308,000
FY 2017 Net Revenue	1,762,383		1,644,828	1,985,001	1,423,739	1,402,256	1,730,801	2,007,827
FY 2017 Debt Service								
Principal	100,000	<i>Audit Pg 9</i>						
Interest	268,338	<i>Audit Pg 9</i>						
Total Debt Service	368,338		\$369,875	\$370,975	\$366,713	\$367,213	\$366,763	\$370,200
FY 2017 Debt Service Coverage	478%		445%	535%	388%	382%	472%	542%
Debt Service Coverage Requirement	120%		120%	120%	120%	120%	120%	120%
Result:	Pass		Pass	Pass	Pass	Pass	Pass	Pass
<i>Coverage Without Reserves</i>								
<i>FY 2017 Net Revenue</i>	<i>399,464</i>		<i>350,237</i>	<i>738,048</i>	<i>669,713</i>	<i>720,229</i>	<i>695,758</i>	<i>643,788</i>
<i>FY 2017 Coverage Without Reserves</i>	<i>108%</i>		<i>95%</i>	<i>199%</i>	<i>183%</i>	<i>196%</i>	<i>190%</i>	<i>174%</i>

Table 11b
Del Paso Manor WD
Debt Service Coverage Calculation, 2-Year Increase

Assumes 2-Year Rate Increase

Future D.S. Coverage Projection

	Actual 16/17	Notes	17/18	18/19	19/20	20/21	21/22	22/23
FY 2017 Revenues								
Gross Revenues:								
Water Sales	1,389,987	<i>FY17 Audit, Pg 8</i>						
Interest Income	4,762	<i>FY17 Audit, Pg 8</i>						
Other	1,111	<i>FY17 Audit, Pg 8</i>						
Total Gross Revenues	1,395,860		\$1,386,380	\$1,662,771	\$2,014,800	\$2,016,229	\$2,017,658	\$2,019,088
Unrestricted Reserves (End of FY16)								
Cash	731,228	<i>FY16 Audit, Pg 13</i>						
Investments	631,691	<i>FY16 Audit, Pg 13</i>						
Total Unrestricted Reserves	1,362,919		\$1,294,591	\$1,246,953	\$470,726	\$466,027	\$886,343	\$1,282,639
Total Revenues Available for Coverage	2,758,779		2,680,971	2,909,724	2,485,526	2,482,256	2,904,001	3,301,727
FY 2017 O&M Expenses								
Source of Supply:								
Water Purchases	5,332	<i>FY'17 Audit Pg 8</i>						
Pumping	98,273	<i>FY'17 Audit Pg 8</i>						
Water Treatment	5,250	<i>FY'17 Audit Pg 8</i>						
Transmission & Distribution	297,616	<i>FY'17 Audit Pg 8</i>						
Administration & General	589,925	<i>FY'17 Audit Pg 8</i>						
Total Operating Expenses	996,396		1,036,143	1,208,023	1,277,787	1,228,700	1,254,600	1,308,000
FY 2017 Net Revenue	1,762,383		1,644,828	1,701,701	1,207,739	1,253,556	1,649,401	1,993,727
FY 2017 Debt Service								
Principal	100,000	<i>Audit Pg 9</i>						
Interest	268,338	<i>Audit Pg 9</i>						
Total Debt Service	368,338		\$369,875	\$370,975	\$366,713	\$367,213	\$366,763	\$370,200
FY 2017 Debt Service Coverage	478%		445%	459%	329%	341%	450%	539%
Debt Service Coverage Requirement	120%		120%	120%	120%	120%	120%	120%
Result:	Pass		Pass	Pass	Pass	Pass	Pass	Pass
Coverage Without Reserves								
<i>FY 2017 Net Revenue</i>	<i>399,464</i>		<i>350,237</i>	<i>454,748</i>	<i>737,013</i>	<i>787,529</i>	<i>763,058</i>	<i>711,088</i>
<i>FY 2017 Coverage Without Reserves</i>	<i>108%</i>		<i>95%</i>	<i>123%</i>	<i>201%</i>	<i>214%</i>	<i>208%</i>	<i>192%</i>

Table 11c
Del Paso Manor WD
Debt Service Coverage Calculation, No Rate Increase

Assumes No Rate Increase

			Future D.S. Coverage Projection					
	Actual	Notes	17/18	18/19	19/20	20/21	21/22	22/23
FY 2017 Revenues								
Gross Revenues:								
Water Sales	1,389,987	<i>FY17 Audit, Pg 8</i>						
Interest Income	4,762	<i>FY17 Audit, Pg 8</i>						
Other	1,111	<i>FY17 Audit, Pg 8</i>						
Total Gross Revenues	1,395,860		\$1,386,380	\$1,387,371	\$1,388,400	\$1,389,429	\$1,390,458	\$1,391,488
Unrestricted Reserves (End of FY16)								
Cash	731,228	<i>FY16 Audit, Pg 13</i>						
Investments	631,691	<i>FY16 Audit, Pg 13</i>						
Total Unrestricted Reserves	1,362,919		\$1,294,591	\$1,246,953	\$195,326	(\$435,773)	(\$642,257)	(\$873,161)
Total Revenues Available for Coverage	2,758,779		2,680,971	2,634,324	1,583,726	953,656	748,201	518,327
FY 2017 O&M Expenses								
Source of Supply:								
Water Purchases	5,332	<i>FY'17 Audit Pg 8</i>						
Pumping	98,273	<i>FY'17 Audit Pg 8</i>						
Water Treatment	5,250	<i>FY'17 Audit Pg 8</i>						
Transmission & Distribution	297,616	<i>FY'17 Audit Pg 8</i>						
Administration & General	589,925	<i>FY'17 Audit Pg 8</i>						
Total Operating Expenses	996,396		1,036,143	1,208,023	1,277,787	1,228,700	1,254,600	1,308,000
FY 2017 Net Revenue	1,762,383		1,644,828	1,426,301	305,939	-275,044	-506,399	-789,673
FY 2017 Debt Service								
Principal	100,000	<i>Audit Pg 9</i>						
Interest	268,338	<i>Audit Pg 9</i>						
Total Debt Service	368,338		\$369,875	\$370,975	\$366,713	\$367,213	\$366,763	\$370,200
FY 2017 Debt Service Coverage	478%		445%	384%	83%	-75%	-138%	-213%
Debt Service Coverage Requirement	120%		120%	120%	120%	120%	120%	120%
Result:	Pass		Pass	Pass	Fail	Fail	Fail	Fail
<i>Coverage Without Reserves</i>								
<i>FY 2017 Net Revenue</i>	<i>399,464</i>		<i>350,237</i>	<i>179,348</i>	<i>110,613</i>	<i>160,729</i>	<i>135,858</i>	<i>83,488</i>
<i>FY 2017 Coverage Without Reserves</i>	<i>108%</i>		<i>95%</i>	<i>48%</i>	<i>30%</i>	<i>44%</i>	<i>37%</i>	<i>23%</i>

**Table 12
Summary of Proposed Commercial Metered Rates
Del Paso Manor WD**

Commercial Metered Rates (Unrounded)

Meter Readiness to Service Charge	Current \$ per Month	Current Meter Ratio	AWWA Max Flow (gpm)	AWWA Meter Ratio	Selected Option 6 Month Reserve Target (Hit Target by yr 3) 71% Unrounded \$ per Month		9 Month Reserve Target (Hit Target by yr 5) 77% \$ per Month		12 Month Reserve Target (Hit Target by yr 5) 85% \$ per Month	
					\$ per Month	%	\$ per Month	%	\$ per Month	%
5/8"	\$15.10	0.7	20	0.4	\$15.13	0%	\$15.66	4%	\$16.37	8%
1"	\$21.00	1.0	50	1.0	\$37.83	80%	\$39.15	86%	\$40.92	95%
1 1/2"	\$30.40	1.5	100	2.0	\$75.65	149%	\$78.31	158%	\$81.84	169%
2"	\$61.45	2.9	160	3.2	\$121.04	97%	\$125.29	104%	\$130.95	113%
3"	\$114.25	5.4	300	6.0	\$226.95	99%	\$234.92	106%	\$245.53	115%
4"	\$186.05	8.9	500	10.0	\$378.26	103%	\$391.53	110%	\$409.22	120%
6"	\$320.20	15.3	1000	20.0	\$756.51	136%	\$783.06	145%	\$818.45	156%
8"	N/A	N/A	1600	32.0	\$1,210.42	N/A	\$1,252.89	N/A	\$1,309.52	N/A
10"	N/A	N/A	2300	46.0	\$1,739.98	N/A	\$1,801.03	N/A	\$1,882.43	N/A
Volumetric Rate - Commercial Metered										
\$ per 100 CU ft	\$0.95	New Volumetric Rate \$/CCF			\$1.39	46%	\$1.47	55%	\$1.53	61%
Fire Service Standby Rates		Current Rates								
4"	\$54.00				\$75.65	40%	\$78.31	45%	\$81.84	52%
6"	\$81.00				\$151.30	87%	\$156.61	93%	\$163.69	102%
8"	\$108.00				\$242.08	124%	\$250.58	132%	\$261.90	143%
10"	\$135.00				\$348.00	158%	\$360.21	167%	\$376.49	179%
Volumetric Rate - Temporary Cons		\$1.43			\$2.09	46%				

Table 13

Del Paso Manor WD

Metered Water Rates Calculation - 6 Month Reserve Target

Single Family Residential

\$ per Month

Estimated Use
Units
18.00

Calculated
Volumetric Cost

\$17.10

Equivalent 5/8" Metered Fixed Cost
\$7.30

5,001 - 8,000 sq. ft.

\$20.60

Meter Readiness to Service Charge

\$ per Month

DPMWD Current

Ratio

AWWA
Flow (gpm)

AWWA
Ratio

Restructured

Accounts

Current Annual
Revenues

Restructured Annual
Meter Revenues

5/8"	\$15.10	0.7	20	0.4	\$7.30	1	\$181.20	\$87.60
1"	\$21.00	1.0	50	1.0	\$18.25	16	\$4,032.00	\$3,504.00
1 1/2"	\$30.40	1.5	100	2.0	\$36.50	25	\$9,120.00	\$10,950.00
2"	\$61.45	2.9	160	3.2	\$58.40	37	\$27,283.80	\$25,929.60
3"	\$114.25	5.4	300	6.0	\$109.50	12	\$16,452.00	\$15,768.00
4"	\$186.05	8.9	500	10.0	\$182.50	6	\$13,395.60	\$13,140.00
6"	\$320.20	15.3	1000	20.0	\$365.00	2	\$7,684.80	\$8,760.00
8"			1600	32.0	\$584.00		\$78,149.40	\$78,139.20

Volumetric Rate Commercial

\$ per 100 CU ft

\$0.95

Current volumetric revenue

\$178,218.60

6mo Reserve 33%Fixed/67%Variable
Revenue Requirement; Metered Rates

71%

490,770

Current DPMWD Current

Meter Readiness to Service Charge

\$ per Month

Ratio

AWWA
Flow (gpm)

AWWA
Ratio

Restructured

New Meter
Charges

Accounts

Current Annual
Revenues

New Annual
Meter Revenues

5/8"	\$15.10	0.7	20	0.4	\$7.30	\$15.13	0%	1	\$181.20	\$181.56
1"	\$21.00	1.0	50	1.0	\$18.25	\$37.83	80%	16	\$4,032.00	\$7,263.36
1 1/2"	\$30.40	1.5	100	2.0	\$36.50	\$75.65	149%	25	\$9,120.00	\$22,695.00
2"	\$61.45	2.9	160	3.2	\$58.40	\$121.04	97%	37	\$27,283.80	\$53,741.76
3"	\$114.25	5.4	300	6.0	\$109.50	\$226.95	99%	12	\$16,452.00	\$32,680.80
4"	\$186.05	8.9	500	10.0	\$182.50	\$378.26	103%	6	\$13,395.60	\$27,234.72
6"	\$320.20	15.3	1000	20.0	\$365.00	\$756.51	136%	2	\$7,684.80	\$18,156.24
8"			1600	32.0	\$584.00	\$1,210.42	N/A	0	\$0.00	\$0.00
10"			2300	46.0	\$839.50	\$1,739.98	N/A	0	\$0.00	\$0.00
									\$78,149.40	\$161,953.44

New meter charge revenue

\$161,954.10

New fire service rate revenue

\$63,002.33

New volumetric revenue target

\$265,813.57

Total Commercial Revenue

\$490,770.00

Commercial revenue % Increase

71%

CU ft units sold per year (w est. 2% incr)

191,351

New Volumetric Rate

1.39

Volumetric Rate Commercial

\$ per 100 CU ft

Current

\$0.95

Fire Service Standby Rates

Current Rates

4"	\$54.00
6"	\$81.00
8"	\$108.00
10"	\$135.00

New Fire Service Rates
\$75.65
\$151.30
\$242.08
\$348.00

Current Annual
Revenues

5	\$3,240.00
13	\$12,636.00
12	\$15,552.00
0	\$0.00
	\$31,428.00

New Annual
Revenues

\$4,539.12
\$23,603.11
\$34,860.10
\$0.00
\$63,002.33

=20% of Meter Charge

**Table 14
Del Paso Manor WD
Metered Water Rates Calculation - 9 Month Reserve Target**

Single Family Residential

5,001 - 8,000 sq. ft.

\$ per Month	Estimated Use Units 18.00
\$20.60	

Calculated
Volumetric Cost
\$17.10

Equivalent 5/8" Metered Fixed Cost \$7.30
--

Meter Readiness to Service Charge	\$ per Month	DPMWD Current Ratio	AWWA Flow (gpm)	AWWA Ratio	Restructured	Accounts	Current Annual Revenues	Restructured Annual Meter Revenues
5/8"	\$15.10	0.7	20	0.4	\$7.30	1	\$181.20	\$87.60
1"	\$21.00	1.0	50	1.0	\$18.25	16	\$4,032.00	\$3,504.00
1 1/2"	\$30.40	1.5	100	2.0	\$36.50	25	\$9,120.00	\$10,950.00
2"	\$61.45	2.9	160	3.2	\$58.40	37	\$27,283.80	\$25,929.60
3"	\$114.25	5.4	300	6.0	\$109.50	12	\$16,452.00	\$15,768.00
4"	\$186.05	8.9	500	10.0	\$182.50	6	\$13,395.60	\$13,140.00
6"	\$320.20	15.3	1000	20.0	\$365.00	2	\$7,684.80	\$8,760.00
8"			1600	32.0	\$584.00		\$78,149.40	\$78,139.20
Volumetric Rate Commercial								
\$ per 100 CU ft	\$0.95						Current volumetric revenue	\$178,218.60

**6mo Reserve 33%Fixed/67%Variable
Revenue Requirement; Metered Rates**

Meter Readiness to Service Charge	\$ per Month	DPMWD Current Ratio	AWWA Flow (gpm)	AWWA Ratio	Restructured	New Meter Charges	Accounts	Current Annual Revenues	New Annual Meter Revenues	
5/8"	\$15.10	0.7	20	0.4	\$7.30	\$15.66	4%	1	\$181.20	\$187.92
1"	\$21.00	1.0	50	1.0	\$18.25	\$39.15	86%	16	\$4,032.00	\$7,516.80
1 1/2"	\$30.40	1.5	100	2.0	\$36.50	\$78.31	158%	25	\$9,120.00	\$23,493.00
2"	\$61.45	2.9	160	3.2	\$58.40	\$125.29	104%	37	\$27,283.80	\$55,628.76
3"	\$114.25	5.4	300	6.0	\$109.50	\$234.92	106%	12	\$16,452.00	\$33,828.48
4"	\$186.05	8.9	500	10.0	\$182.50	\$391.53	110%	6	\$13,395.60	\$28,190.16
6"	\$320.20	15.3	1000	20.0	\$365.00	\$783.06	145%	2	\$7,684.80	\$18,793.44
8"			1600	32.0	\$584.00	\$1,252.89	N/A	0	\$0.00	\$0.00
10"			2300	46.0	\$839.50	\$1,801.03	N/A	0	\$0.00	\$0.00
									\$78,149.40	\$167,638.56

New meter charge revenue	\$167,636.70
New fire service rate revenue	\$65,213.06
New volumetric revenue target	\$275,140.24
Total Commercial Revenue	\$507,990.00
Commercial revenue % Increase	77%
CU ft units sold per year (est. 0% incr)	187,599

New Volumetric Rate 1.47

Fire Service Standby Rates

Current Rates
4" \$54.00
6" \$81.00
8" \$108.00
10" \$135.00

New Fire Service Rates	Current Annual Revenues	New Annual Revenues	
\$78.31	5	\$3,240.00	\$4,698.36
\$156.61	13	\$12,636.00	\$24,431.47
\$250.58	12	\$15,552.00	\$36,083.23
\$360.21	0	\$0.00	\$0.00
		\$31,428.00	\$65,213.06

=20% of Meter Charge

**Table 15
Del Paso Manor WD
Metered Water Rates Calculation - 12 Month Reserve Target**

Single Family Residential

5,001 - 8,000 sq. ft.

\$ per Month	Estimated Use Units 18.00
\$20.60	

Calculated
Volumetric Cost
\$17.10

Equivalent 5/8" Metered Fixed Cost \$7.30
--

Meter Readiness to Service Charge	\$ per Month	DPMWD Current Ratio	AWWA Flow (gpm)	AWWA Ratio	Restructured	Accounts	Current Annual Revenues	Restructured Annual Meter Revenues
5/8"	\$15.10	0.7	20	0.4	\$7.30	1	\$181.20	\$87.60
1"	\$21.00	1.0	50	1.0	\$18.25	16	\$4,032.00	\$3,504.00
1 1/2"	\$30.40	1.5	100	2.0	\$36.50	25	\$9,120.00	\$10,950.00
2"	\$61.45	2.9	160	3.2	\$58.40	37	\$27,283.80	\$25,929.60
3"	\$114.25	5.4	300	6.0	\$109.50	12	\$16,452.00	\$15,768.00
4"	\$186.05	8.9	500	10.0	\$182.50	6	\$13,395.60	\$13,140.00
6"	\$320.20	15.3	1000	20.0	\$365.00	2	\$7,684.80	\$8,760.00
8"			1600	32.0	\$584.00		\$78,149.40	\$78,139.20
Volumetric Rate Commercial								
\$ per 100 CU ft	\$0.95						Current volumetric revenue	\$178,218.60

**6mo Reserve 33%Fixed/67%Variable
Revenue Requirement; Metered Rates**

Meter Readiness to Service Charge	85% Current \$ per Month	530,950 DPMWD Current Ratio	AWWA Flow (gpm)	AWWA Ratio	Restructured	New Meter Charges	Accounts	Current Annual Revenues	New Annual Meter Revenues	
5/8"	\$15.10	0.7	20	0.4	\$7.30	\$16.37	8%	1	\$181.20	\$196.44
1"	\$21.00	1.0	50	1.0	\$18.25	\$40.92	95%	16	\$4,032.00	\$7,856.64
1 1/2"	\$30.40	1.5	100	2.0	\$36.50	\$81.84	169%	25	\$9,120.00	\$24,552.00
2"	\$61.45	2.9	160	3.2	\$58.40	\$130.95	113%	37	\$27,283.80	\$58,141.80
3"	\$114.25	5.4	300	6.0	\$109.50	\$245.53	115%	12	\$16,452.00	\$35,356.32
4"	\$186.05	8.9	500	10.0	\$182.50	\$409.22	120%	6	\$13,395.60	\$29,463.84
6"	\$320.20	15.3	1000	20.0	\$365.00	\$818.45	156%	2	\$7,684.80	\$19,642.80
8"			1600	32.0	\$584.00	\$1,309.52	N/A	0	\$0.00	\$0.00
10"			2300	46.0	\$839.50	\$1,882.43	N/A	0	\$0.00	\$0.00
									\$78,149.40	\$175,209.84

New meter charge revenue	\$175,213.50
New fire service rate revenue	\$68,160.46
New volumetric revenue target	\$287,576.04
Total Commercial Revenue	\$530,950.00
Commercial revenue % Increase	84%
CU ft units sold per year (est. 0% incr)	187,599

New Volumetric Rate 1.53

Fire Service Standby Rates

Current Rates	Current Rates
4"	\$54.00
6"	\$81.00
8"	\$108.00
10"	\$135.00

New Fire Service Rates	Current Annual Revenues	New Annual Revenues	
\$81.84	5	\$3,240.00	\$4,910.64
\$163.69	13	\$12,636.00	\$25,535.64
\$261.90	12	\$15,552.00	\$37,714.18
\$376.49	0	\$0.00	\$0.00
		\$31,428.00	\$68,160.46

=20% of Meter Charge