#### Introduction

The mission of the Mammoth Community Water District is to provide excellent water and wastewater services to the Town of Mammoth Lakes. The annual budget is the roadmap to accomplishing our mission. The budget describes the source and expected amounts of revenue, and defines the expected types and amounts of expenditures. Once approved by the Board, the budget defines strategic direction and grants authority to the managers and staff of the District to expend resources to deliver water and wastewater services.

The budget is organized into funds representing type of service (Water or Wastewater), function (Administration, Operation, Capital, and New Enterprise) and lifecycle (Replacement or Expansion). Each fund is intended to be self-contained: revenue and expenses balanced and maintaining an appropriate reserve. The budget is primarily focused on the 2017 fiscal year, but looks forward to fiscal years 2018-2021 to project the status of available fund balance.

The District receives revenue primarily from property taxes and fixed and variable charges for water and wastewater services from our customers. Other revenue sources are connection fees for new water/wastewater customers, fees for lab and engineering services, and interest on invested funds. The District spends money on capital assets, personnel, and operating expenses, and services for outside expertise.

At the time of adopting this budget, the winter of 2015-2016 has provided average snowpack, following four years of unprecedented drought. The District is expecting to use surface water from Lake Mary and allow our groundwater wells to rest and recharge as much as possible. Included in the budget is the expectation there will be a decrease in the utility costs to pump water and the cost to treat the water.

Total revenue is budgeted at \$13,071,869. Budgeted expenditures on operations, personnel, and capital are \$12,773,462. The difference of \$298,407 is allocated to reserves: \$89,337 to replacement reserves, \$209,070 to expansion reserves. The District has adopted an operations and capital reserve policy that defines targets for financial reserves consistent with prudent planning and risk management, and defines an annual contribution to reserves. The projected reserve balance at the beginning of fiscal year 2017 is approximately \$11.7 million, the target reserve balance is approximately \$14.5 million. To achieve the target reserves, the fund reserve policy sets an annual contribution equal to 5% of total revenue.

The District is committed to actively defending the security of our water supply. The most present threat to our water supply is the expansion efforts of the Ormat geothermal power plant. The funds designated in the current budget for legal and consulting services related to Ormat represent the commitment of the District to ensuring adequate supplies of high quality water for our constituents.

This presentation is organized by:

- Overall revenue, expense and fund balance projections
- Budgeted Operations expenses
- Budgeted Personnel expenses
- Budgeted Capital expenditures
- Debt payment schedule

### **Total Budget Overview**

**Table A** below shows the expected revenue and expenses for the current fiscal year, projections of revenue and expenses for the next four fiscal years, and the projected available reserve balance for each year.

#### Table A

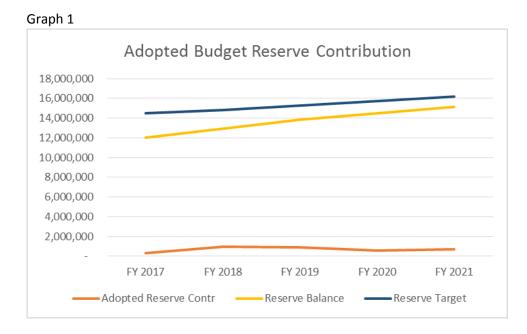
	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
		Assumes level 2 water			
	Assumes level 3 water	conservation and 20%	conservation and 20%	conservation and 20%	conservation and 20%
	conservation and	conservation from	conservation from	conservation from	conservation from
Revenue	consumption = 2015	average water year	average water year	average water year	average water year
Water Use Revenue	1,266,000	1,491,240	1,521,065	1,551,486	1,582,516
Water Base Revenue	1,683,000	1,716,660	1,750,993	1,786,013	1,821,733
Water Shortage Surcharge (At level 1 for FY 2017)	155,500	339,105	339,105	339,105	339,105
WW Base Revenue	2,718,369	2,745,553	2,773,008	2,800,738	2,828,746
Lab Revenue	40,000	40,000	40,000	40,000	40,000
Rent Revenue	55,000	56,100	57,222	58,366	59,534
Permit Fees	10,000	10,100	10,201	10,303	10,406
Connection Fees	280,000	288,400	297,052	305,964	315,142
SCE Rebate	570,000				
Taxes	6,200,000	6,262,000	6,324,620	6,387,866	6,451,745
Interest Earned	94,000	103,400	113,740	125,114	137,625
	13,071,869	13,052,558	13,227,006	13,404,956	13,586,552
Expenditures					
Personnel (excluding capital labor)	5,027,156	5,353,921	5,701,926	6,072,551	6,467,267
Operation	3,221,361	3,285,788	3,351,504	3,418,534	3,486,905
Replacement Capital projects (incl. capital labor)	4,315,415	2,625,859	1,860,464	1,953,635	1,557,322
Expansion Capital projects (incl. capital labor)	70,930	800,000	1,404,837	1,358,755	1,362,755
Loan Principal reduction	138,600	32,000			
	12,773,462	12,097,568	12,318,731	12,803,476	12,874,250
Reserve Balance April 1 (excl. Expansion)	11,350,000	11,439,337	12,905,926	14,921,986	16,576,258
Reserve Contribution Target	639,593	638,208	646,498	654,950	663,570
Reserve Contribution (excl. Expansion)	89,337	1,466,589	2,016,060	1,654,271	1,759,916
Contribution above (below) target	(550,257)	828,381	1,369,563	999,322	1,096,345
Reserve Balance March 31 (excl. Expansion)	11,439,337	12,905,926	14,921,986	16,576,258	18,336,174
Expansion Fund Balance April 1	350,000	559,070	47,470	(1,060,315)	(2,113,107)
Increase (Decrease) to Expansion funds	209,070	(511,600)	(1,107,785)	(1,052,791)	(1,047,613)
Expansion Fund Balance March 31	559,070	47,470	(1,060,315)	(2,113,107)	(3,160,720)
Total Available Fund Balance March 31	11,998,407	12,953,396	13,861,671	14,463,151	15,175,454

Projected revenue for fiscal year 2016 is \$13,071,869. The total revenue budget for fiscal year 2017 represents a .5% decrease from fiscal year 2016.

The revenue budget for fiscal year 2017 is based on an assumption of Level 3 water conservation with water use consistent with fiscal year 2016. The water/wastewater rate structure adopted by the Board for fiscal years 2016 – 2021 include provision for a water shortage surcharge that is calculated to offset revenue lost during periods of water conservation. The water shortage surcharge may be fully implemented, reduced, or removed at the decision of the Board. The Board implemented a water shortage surcharge at Level 1 for fiscal year 2017, beginning May 5, 2016.

Revenue projections in fiscal years 2018 – 2021 assume Level 2 water conservation, Level 2 water shortage surcharge, and water sales 20% below 2013.

Graph 1 below illustrates the projected progress towards the target fund reserve balance over the next five years.



# **Operations Budget**

The Operations budget for fiscal year 2017, at \$3,221,361 is \$96,622 (3%) greater than the budget for the previous year. An effort was made to analyze historical spending, recognize new needs and reduce budget line items where possible. Some costs were re-allocated between funds and departments to more accurately connect the cost to the operational functions. For example, USFS permit fees were moved from the general fund to the water and wastewater funds.

Some changes include:

- A decrease of \$154,000 to the Utility and Operating Chemical budget based on the expectation of the availability of lower cost surface water
- A decrease of \$47,000 to property and liability insurance cost
- A decrease of \$49,000 to the water conservation budget
- An increase of \$150,650 to the Equipment and Building Maintenance and Repair budgets resulting from better definition of maintenance and capital expenditures. This increase also includes roof replacement for the Administration and WWTP Administration buildings. The offset to this operation budget increase is a decrease of approximately \$150,000 in the corresponding Capital budget.
- An increase of \$56,400 to the Legal Services budget based on higher than expected legal expenses in FY 2016.
- A new budget line for Settlement Costs to recognize our funding obligations for Trout Habitat and future payment to LADWP.
- An increase to the Computer Systems/Equipment budget for two major server replacements.

**Table B** below shows the operating budget for each department and category. **Table C** below shows the change from the previous budget.

# Table B

Row Labels 🖵	000	110	120	130	140	150	160	170	210	220	230	245	255	310	320	345	355 G	irand Total	Dept	Description
6024-Ee PPE, Unif, Other		10,150	500		0	0		3,000	0	0	0	2,600	2,920	0	0	0	0	19,170	000	000 Department
6100-Outside Services/Contractual	215,000	53,500	117,400	146,400	103,000		10,835	5,000	15,000	22,000	4,700	14,400	15,000	5,500	205,000	10,700	450	943,885	110	Administration
6110-Director's Expenses		2,000																2,000	120	Finance
6115-Employee Housing Expenses	31,176																	31,176	130	Information
6120-Expendable Tools		0				100	2,300	9,400	0	500	300	6,500	2,500	0	0	6,000	2,000	29,600	140	Lab
6125-Gasoline		7,000		300		2,600		4,000	1,080	5,500		6,900	3,500	720	1,600			33,200	150	Operation Administration
6126-Diesel Fuel								1,200		0		6,200	4,500		2,500			14,400	160	Human Resources and Safety
6130-Insurance		160,000																160,000	170	Maintenance Management
6135-Leased Lines				12,000														12,000	210	Engineering Water
6140-Legal Services	330,000	90,000					3,400											423,400	220	Water Treatment-Ground Water
6145-M&R - Line Repair/Equipment		5,300			0	2,000	280			7,500	2,500	8,100	10,400		35,500	10,300	6,000	87,880	230	Water Treatment-Surface
6150-M & R - Buildings		126,900						0		1,500	500	0	0		56,250	0	500	185,650	245	Line Maintenance-Water
6155-M & R - Vehicles		3,300	0			1,000		5,000	1,080	3,500	1,000	17,200	13,000	720	5,000	13,400		64,200	250	Construction
6160-Memberships/Certifications		31,000	1,190		300	750	4,645	1,200	1,300	200	150	2,000	575	1,300	800	1,000	1,300	47,710	255	Mechanical Maintenance-Water
6179-Operating Chemicals										20,000	20,000				75,000	6,000		121,000	310	Engineering Wastewater
6180-Operating Supplies		32,500	1,000	5,150	21,000	1,500	1,270	7,000	4,250	2,000	1,000	8,300	7,100	4,250	2,000	4,500	4,850	107,670	320	Wastewater Treatment
6181-Computer Systems/Equip		1,200	13,000	43,800	2,000	18,550	0	1,200	7,800	1,400	200	4,800	3,600	0	5,600	0		103,150	345	Line Maintenance-Wastewater
6185-Postage/Freight	0	6,000		50	900	100	100		50	500		900	0	50	2,000	600		11,250	355	Mechanical Maint-Wastewater
6190-Advertising Publications & Pri	3,000	25,000	0				1,000		50			250		50		1,800		31,150		
6192-Books & Subscriptions		690	0	0		200	500		100	100	100	500	200	100	200	400	200	3,290		
6200-Safety				0	1,000		3,120	400		200	200	1,900	1,000		200	1,200	1,000	10,220		
6205-Permits & Licensing	0	6,650			0	61,690				800	0	0						69,140		
6207-Settlement Cost		0				61,000												61,000		
6210-Telephone	0	18,540		2,640		1,200	600	2,100	900	450	1,200	1,700	750	900	2,000	685	500	34,165		
6215-Training & Meetings	1,000	8,400	5,200	2,000	500	1,500	10,700	4,700	2,000	1,000	0	3,500	2,400	2,000	1,500	2,100	2,400	50,900		
6220-Travel Expenses	1,500	7,000	9,300	3,875	500	2,000	1,900	3,000	1,500	1,500	0	3,000	1,900	1,500	2,000	1,900	1,650	44,025		
6230-Utilities - Electric & Gas W/S		35,000								260,000	25,000		0		81,000		0	401,000		
6237-Water Conservation		110,600																110,600		
6400-Interest	8,530																	8,530		
Grand Total	590,206	740,730	147,590	216,215	129,200	154,190	40,650	47,200	35,110	328,650	56,850	88,750	69,345	17,090	478,150	50,585	20,850	3,221,361		

# Table C

Row Labels	±1	000	110	120	130	140	150	160	170	210	220	230	245	255	310	320	345	355 0	Grand Total	Dept	Description
6024-Ee PPE, Unif, Other			(0)	250		0	0		3,000	0	0	0	500	1,460	0	0	0	0	5,210	000	000 Department
6100-Outside Services/Contractua	al	(85,000)	(85,254)	46,100	8,550	68,000		(1,200)	5,000	0	7,000	0	(100)	(1,500)	5,500	50,000	0	(50)	17,046	110	Administration
6110-Director's Expenses			0																0	120	Finance
6115-Employee Housing Expenses	s	0																	0	130	Information
6120-Expendable Tools			0				100	1,600	(1,600)	0	(300)	300	0	0	0	0	0	0	100	140	Lab
6125-Gasoline			3,000		0		(900)		1,100	280	1,900		1,900	0	(80)	500			7,700	150	Operation Administration
6126-Diesel Fuel									100		0		3,600	200		500			4,400	160	Human Resources and Safety
6130-Insurance			(47,000)																(47,000)	170	Maintenance Management
6135-Leased Lines					0														0	210	Engineering Water
6140-Legal Services		30,000	25,000					1,400											56,400	220	Water Treatment-Ground Water
6145-M & R - Line Repair/Equipme	ent		100			0	0	(2,300)			0	500	5,100	400		23,500	0	3,500	30,800	230	Water Treatment-Surface
6150-M & R - Buildings			100,400						0		0	0	0	0		50,250	0	0	150,650	245	Line Maintenance-Water
6155-M & R - Vehicles			900	0			(2,500)		0	280	1,500	0	700	0	(80)	0	6,400		7,200	250	Construction
6160-Memberships/Certifications	5		370	313		0	150	2,345	(300)	475	0	0	200	0	725	0	170	(252)	4,196	255	Mechanical Maintenance-Water
6179-Operating Chemicals											(25,000)	0				5,000	6,000		(14,000)	310	Engineering Wastewater
6180-Operating Supplies			(15,815)	(3,000)	(10,000)	0	500	0	0	0	0	0	0	0	0	0	138	0	(28,177)	320	Wastewater Treatment
6181-Computer Systems/Equip			(7,200)	7,000	18,800	2,000	18,550	(1,200)	1,200	6,600	(8,100)	200	(3,600)	3,600	(1,200)	3,200	0		39,850	345	Line Maintenance-Wastewater
6185-Postage/Freight		0	(100)		0	(600)	(50)	0		0	(700)		900	(50)	0	1,500	480		1,380	355	Mechanical Maint-Wastewater
6190-Advertising Publications & P	Pri	0	1,500	0				0		0			0		0		600		2,100		
6192-Books & Subscriptions			9	0	0		0	(325)		0	0	0	100	0	0	0	200	0	(16)		
6200-Safety					0	0		0	0		0	0	0	0		0	50	0	50		
6205-Permits & Licensing		0	(29,962)			(8,000)	61,690				(3,800)	(5,400)	0						14,528		
6207-Settlement Cost			0				61,000												61,000		
6210-Telephone		0	3,864		0		(300)	(210)	0	0	(750)	0	350	(130)	0	(600)	0	(30)	2,194		
6215-Training & Meetings		0	(4,600)	(509)	2,000	(500)	(300)	(400)	0	0	(800)	0	0	0	0	(1,100)	100	0	(6,109)		
6220-Travel Expenses		0	0	990	1,300	(500)	(500)	(1,000)	0	0	0	0	0	0	0	(600)	100	0	(210)		
6230-Utilities - Electric & Gas W/S	;		0								(110,000)	10,000		(20,000)		(4,000)		(16,000)	(140,000)		
6237-Water Conservation			(49,000)																(49,000)		
6400-Interest		(23,670)																	(23,670)		
Grand Total		(78,670)	(103,788)	51,144	20,650	60,400	137,440	(1,290)	8,500	7,635	(139,050)	5,600	9,650	(16,020)	4,865	128,150	14,238	(12,832)	96,622		

Negative numbers represent a reduction in budget from last fiscal year, positive numbers represent an increase from last year.

### Personnel Budget

The total Personnel budget of \$5,561,464 is a 6.7% increase from the budget last fiscal year. Wages and pension costs increase by 2.8%, the cost of health, vision, dental, life, and disability insurance increases by 16.6%. Workers Compensation cost have the largest increase by percentage at 74.8%, a result of higher costs in the three year look-back period used to calculate the insurance premium.

In addition to permanent employees of MCWD, the District contracts with Sierra Employment to provide labor for the summer work crews. The cost of this contract is budgeted at \$344,400. These crews work primarily on capital projects, but also provide some support to operations.

To avoid double counting, the capital labor of both MCWD employees and contract workers is subtracted from the total personnel budget when presenting the budget overview. The capitalized labor component is \$611,302.

The number of permanent positions at MCWD remains at 42 for fiscal year 2017. The organization chart for the District is included as **Exhibit 1.** 

**Table D** below provides a high-level view of expenses for MCWD personnel and comparison to fiscal year 2016.**Table D** 

		Total Pay	Pension	Insurance	FICA tax	WC cost	Total Cost
		3,548,847	774,146	953,830	53,318	231,321	5,561,464
	% of Pay		21.8%	26.9%	1.5%	6.5%	156.7%
% Incr. fi	rom FY 2016	2.8%	2.8%	16.6%	2.7%	74.8%	6.7%

### Capital Budget

The District has over \$76 million (net of depreciation) in capital assets including: wells, distribution and collection lines for water and wastewater, water and wastewater treatment plants, buildings, vehicles, and equipment. These assets are essential to our mission of reliably providing water and wastewater service to our customers.

The Capital budget of \$4,386,345 represents the cost of incrementally refurbishing or replacing our infrastructure as it wears out in service and adding new infrastructure to increase the efficiency of operations.

Significant capital expenditures planned in fiscal year 2017 include:

- \$742K Exploratory well near Ranch Road
- \$514K Completion of the Equipment Storage building
- \$489K Waterline replacement program
- \$426K Tank 3 Rehab/Improvement
- \$320K Ongoing sewer line rehabilitation
- \$180K Sewer holding tank
- \$166K Aeration Basin Baffles
- \$136K Canyon Lodge waterline replacement
- \$135K Well Improvement/rehabilitation

**Table E** lists capital projects planned for the next ten years.

# Table E

22         LMAPT Consistion Control         22,765         2000         20,000         40,000	1001	1								
22         LMM Prifier improvements         53,07         417,500	FUND	PROJECT DESCRIPTION	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	5-YR TOTAL	Yr 6-10	10-YR TOTAL
22         UnitalwayChattiow stratums import         20,000         Loss										23,765
22         Undaw Water Negen Field         62,102         Undaw Water Negen Field         62,102         Undaw Water Negen Field         63,000         6           22         Clokis Station         33,000         13,8,55         147,755         347,739         151,967         777,131         80,000         4.2           22         Clokis Station         138,556         147,716         347,739         151,967         777,131         80,000         4.2           22         Rach of Pressme Reducing Yule         80,852         -         450,000         400,000         15,000         -         425,988         -         450,988         450,000         49,986         450,000         49,986         50,000         -         42,986         -         450,986         -         450,986         -         42,986         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         450,986         -         -         50,986	22	LMWTP Filter Improvements	53,047					470,547		470,547
2         CMS Station         30,000         13,856         14,76         13,76         13,76         13,76         13,76         13,76         13,76         13,76         13,76         13,77         13,78         12,78         12,78         12,78         12,78         12,78         12,78         12,78         12,78         12,78         12,78         13,76         14,77         13,76	22	LM Inflow/Outflow Stations Impr		20,000				20,000		20,000
22         Well Improv/Rehab Program         138,856         118,756         137,783         137,870         272,111         800,000         15.           22         Water Line Replacement Program         438,400         450,000         440,000         440,000         440,000         490,000         490,000         222,840         10.0000         12.           22         Ranch & Program Ceducy Wule         88,632         1         48,642         88,632         1         48,642	22	Urban Water Mgmt Plan	62,102					62,102		62,102
22         Vare Line Replacement Program         483,000         440,000         450,000         400,000         22,223,400         200,000         42,223,400         200,000         42,223,400         200,000         42,223,400         200,000         42,223,400         200,000         42,233,700         135,700         135,700         15,000         12,223,410         15,000         12,223,400         125,000         12,223,400         125,000         12,223,400         12,500         12,000         12,223,400         12,500         12,000         12,223,400         12,000 <td< td=""><td>22</td><td>CIMIS Station</td><td>30,000</td><td></td><td></td><td></td><td></td><td>30,000</td><td></td><td>30,000</td></td<>	22	CIMIS Station	30,000					30,000		30,000
12         Carryon Lodge VM replacement         135,700         1           12         Ranch R/Pressore Reducing VM e         80,632         1         80,632         1           12         Tank R Phal/Improvent         425,998         1         0         85,000         1           12         Tank R Phal/Improvent         425,998         15,000         15,000         1           12         Groundwater Mgm Plan(PhytroBav)         55,004         15,000         1         55,000         1           12         Inter Argent Plan(PhytroBav)         55,904         1         55,904         1         1           12         Italk R M P Valves         55,994         1         98,005         1         1           12         Italk R M P Valves         55,994         1         98,005         1         1           12         Italk R M P Valves         55,994         1         98,005         1         1           12         Italk R M P Valves         55,994         1         98,005         1         1           12         Italk R M P Valves         35,001         1         1         1         1         1         1         1         1         1         1	22	Well Improv/Rehab Program	134,762	138,856	143,716	147,793	151,987	717,113	800,000	1,517,113
22         Rank Ref Pressure Reducing Value         80.622         1         90.622         91.6000         91.6000         91.600	22	Water Line Replacement Program	488,940	450,000	440,000	450,000	400,000	2,228,940	2,000,000	4,228,940
22       Rank Réhafungmovent       435,988       1       42,988       4         22       Tank Stehon/morevent       425,988       1       42,598       4         22       Graund Ander Vigent Ban (HydroDav)       15,000       77,42       83,852       92,442       95,005       449,810       500,000       9         22       Knolt Strake Rehab       85,000       87,412       88,852       92,442       95,005       449,810       500,000       9         22       Knolt Strake Rehab       35,594       1       1       35,594       1	22	Canyon Lodge WL replacement	135,700					135,700		135,700
22         Tank 3 Reha//mgrovent         425.98								80.632		80,632
22         Marmoth Creck Hit         15,000         16,000         15,000         15,000         15,000         15,000         15,000         16,000         15,000         15,000         16,000         15,000         15,000         16,000         15,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000         16,000										425,998
22         Consolvator Magnet Phagnet Phagmatery Magnet Phage Phage Phage         15,000         70,000         50,					15,000					15,000
22         Water Capital Asset Replacement         85,000         87,412         89,382         92,442         95,005         449,810         90,000         9           22         Kinoli Tank Rehab         36,000         37,412         89,382         92,442         95,005         449,810         90,000         9           22         Kinoli Tank Rehab         36,001         36,001         36,001         7         7           22         Kinoli Tank Mare T-5         34,275         355,041         360,51         7         7           22         Production well near Ranch Rd.         742,435         355,041         7         7         355,041         5         7         7         355,041         5         7         7         355,041         5         7         7         355,041         5         7         7         355,041         5         7         7         355,041         5         7         7         355,041         5         7         7         355,041         7         35         7         16,019,000         10         10         10         10         10         10         10         10         10         10         10         10         10         10			15.000	70.000	10,000					85,000
22         Kohls Tank Rehab         36,00         55,994         55,994         1           22         Kuke May Rivalves         55,994         1         34,275         1           22         Kuhols Tank Mave T-5         34,275         34,275         1         34,275         1           22         Exploratory well near Ranch Rd.         742,455         774,265         7         7           21         Future Capital replacement projects         5,700,000         5,700,000         5,700,000         5,7           22/22         Machine Shop         40,233         40,233         5         1         5           22/23         Machine Shop         40,233         1         5,700,000         5,7           23         Sever Holding Tank         180,199         5,700,000         1         100,000         1           23         Sever Holding Tank         180,199         5,700         0         1         1           24         Sever Holding Tank         180,199         1,750,000         1         100,000         1         1           25         Sever Holding Tank         180,199         5,000         1         1         1         1         1         1         1					80 802	02 112	95.065		500.000	949,810
22         Lake Mary Rd Valves         55,994         1         55,994         1           22         Knolls Tark Mixer T-5         34,275         1         366,51         1         1           22         Timber Ridge Pump Sation         366,61         355,041         355,341		· · ·		07,412	65,652	52,442	33,005		300,000	36,100
22         Xoults Tank Mayer 7-5         34,275         34,275         34,275         34,275         34,275         35,051         32,275         35,051         32,275         35,051         32,272         35,041         35,041         35,041         35,041         35,041         35,041         32,272         35,041         32,272         35,041         32,272         35,041         32,272         35,041         32,272         35,041         32,272         35,041         32,272         35,041         32,272         35,041         32,272         32,021         31,000         40,233         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000,000         10,000         10,000<										-
22         Timber Ridge Pump Station         336,051         335,041         366,051         742,485         742,485           22         Production well near Ranch Rd.         742,485         355,041         355,041         355,041         32           21         Production well near Ranch Rd.         742,485         355,041         355,041         32           22         Production well near Ranch Rd.         742,485         5,700,000         5,75,741,419,419,419,419,419,419,419,4		-								55,994
12         Exploratory well near Ranch Rd.         742.485         7           22         Production well near Ranch Rd.         355,041 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>34,275</td></t<>										34,275
22         Forduction well near Ranch Rd.         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         305,031         335,041         335,041         305,031         335,041         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,031         305,0										36,051
22         Future Capital replacement projects         4         5,700,000         3,75,754         1,600,100         3,75,700         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         3,75,700,000         1,75,000,000         1,75,000,000         1,75,000,000         1,75,000,000         1,75,000,000         1,75,000,000         1,70,000,000         1,90,000,00         1,90,000,00         1,90,000,00         1,90,000,00         1,90,000,00         1,90,000,00         1,90,000,00         1,90,000,00         1,90,000,00         1,20,000,000         1,20,000,000         1,20,000,00         1,20,000,00         <	22	Exploratory well near Ranch Rd.	742,435					742,435		742,435
2/2/3         Machine Shop         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         40,293         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         51,3500         5000         5000         5000         5000         5000         5000         5000         5000         5000         5000         5000         5000         5000         5000         5000         5000         100,000         1,00,000 <th< td=""><td>22</td><td>Production well near Ranch Rd.</td><td></td><td>355,041</td><td></td><td></td><td></td><td>355,041</td><td></td><td>355,041</td></th<>	22	Production well near Ranch Rd.		355,041				355,041		355,041
22/23         Equip Storage Bidg         513,500         513,500         513,500         5           23         Sewer Holding Tank         180,199         1         180,199         1         1           23         Sewer Line Replacement Program         319,716         328,787         338,115         347,708         357,574         1,691,901         1,750,000         34           23         Laurel Pond A Monitor Wells         100,000         1         5,000         1         5,000         1         1         100,000         1	22	Future Capital replacement projects							5,700,000	5,700,000
23         Sewer Holding Tank         180, 199         1           23         Sewer Line Replacement Program         319, 76         328, 787         338, 115         347, 709         357, 574         1, 691, 901         1, 750, 000         3, 4           23         Laurel Pond 4 Monitor Wells         100,000         1         100,000         1         1, 500,00         1         3, 600,000         1         1, 500,00         1         1, 500,00         1         1, 500,00         1         1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	22/23	Machine Shop	40,293					40,293		40,293
22         Sewer Line Replacement Program         319,716         328,787         338,115         347,709         357,574         1,691,901         1,750,000         34           23         Laurel Pond 4 Monitor Wells         100,000         1         100,000         1         100,000         1           24         WMTP Aeration Control         5,000         161,419         5,000         1           28         Retine RevyCled Water Storage EQ Basin         161,419         161,419         161,419         1         1,000,000         1,000,00         1,000,00         <	22/23	Equip Storage Bldg	513,500					513,500		513,500
22         Sewer Line Replacement Program         319,716         328,787         338,115         347,709         357,574         1,691,901         1,750,000         34           23         Laurel Pond 4 Monitor Wells         100,000         1         100,000         1         100,000         1           24         WMTP Aeration Control         5,000         161,419         5,000         1           28         Retine RevyCled Water Storage EQ Basin         161,419         161,419         161,419         1         1,000,000         1,000,00         1,000,00         <	23	Sewer Holding Tank	180,199					180,199		180,199
22         Laurel Pond 4 Monitor Wells         100,000         10           23         WWTP Arinary Clarifiers         5,000         5,000         5,000           23         WWTP Primary Clarifiers         5,000         161,419         164,419         11           23         Sever WWTP Capital Asset Replacement         65,000         66,844         68,741         70,661         72,697         734,973         77,000         7           23         Turbine For Effluent Line         66,864         68,741         70,661         166,966         1           24         Press McR Room filtration         19,310         100,000         100         19,310         1           25         Digester Turbo Blowers in WWTP         150,000         150,000         1         1           23         Arct Fiash Study         50,000         1         100,000         1         1           24         Future Capital replacement projects         -         4,400,000         4,400,000         4           25         Future Well Site Eval and Procurement         10,930         500,000         1,000,000         3,010,930         3,002,000         3,010,930         3,002,000         3,002,000         3,010,930         3,002,000         3,002,000	23	Sewer Line Replacement Program	319,716	328,787	338,115	347,709	357,574	1,691,901	1,750,000	3,441,901
23         WWTP Aeration Control         5,000         5,000         5,000           23         WWTP Primary Clariflers         5,000         161,419         11           23         Reline Recycled Water Storage EQ Basin         161,419         11         11           23         Sewer WWTP Capital Asset Replacement         65,000         66,844         60,741         70,691         72,697         33,3973         375,000         7           23         Turbine For Effluent Line         166,096         11         16,0496         11           24         Aeration Basin Baffles         166,096         11         19,9310         12           23         Digester Turbo Blowers in WWTP         150,000         12         4,400,000         4,44           24         Water Modeling         20,000         20,000         100,000         10         3,092,000         20,000         12           22         Connection Fee/ Permit Fee Study         10,000         1,000,000         1,000,000         3,019,390         3,092,000         3,002,000         20,000         2,124,000         4,440,000         4,440,000         10,000         10,000         10,000,000         1,000,000         3,019,390         3,092,000         3,002,000         3,002,000 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>100,000</td>										100,000
23         WMTP Primary Clarifiers         5,000         5,000         5,000           23         Reline Recycled Water Storage EQ Basin         161,419         161,419         1161,4			5.000	,						5,000
23         Reline Recycled Water Storage EQ Basin         161,419         161,419         161,419           23         Sewer WWTP Capital Asset Replacement         65,000         66,844         68,741         70,691         72,697         343,973         375,000         7           23         Turbine For Effluent Line         66,066         500,000         166,096         10           23         Press MCC Room filtration         19,310         150,000         119,310         12           24         Press MCC Room filtration         19,310         150,000         110,000         11           23         Arc Flash Study         50,000         150,000         12         4,400,000         4,400,000         4           24         Water Modeling         20,000         1,000,000         1,000,000         3,010,930         3,00         3,00           25         Connection Fee/ Permit Fee Study         10,030         1,000,000         1,000,000         3,00,930         3,00         3,00           26         Connection Fee/ Permit Fee Study         100,000         102,837         105,755         108,755         417,348         4           30         Kardina Expansion         100,000         22,53,000         250,000         120,000										5,000
23         Sewer WWTP Capital Asset Replacement         65,000         66,844         68,741         70,691         72,697         343,973         375,000         1,000,000         3,00,330         3,00			5,000	161 410						161,419
23         Turbine For Effluent Line         500,000         500,000         1,000,000         1,00           23         Areration Basin Baffles         166,096         1         19,310         1           23         Press MCC Room filtration         19,310         1         150,000         11           23         Digester Turbo Blowers in WWTP         150,000         1         50,000         1           23         Arc Rash Study         50,000         1         50,000         1         1           24         Arc Flash Study         50,000         1         4,400,000         4,400,000         4,400,000         4,400,000         1           24         Water Modeling         20,000         1,000,000         1,000,000         1,000,000         3,019,930         3,0			65.000		69 7/1	70 601	72 607		275 000	718,973
23         Aeration Basin Baffles         166,096         1           23         Press MCC Room filtration         19,310         13,310         1           23         Digester Turbe Blowers in WVTP         150,000         1150,000         11           23         Arc Flash Study         50,000         150,000         11           24         Arc Flash Study         50,000         4,400,000         4,400,000           25         Future Capital replacement projects         4,400,000         10,000         1           26         Connection Fee/ Permit Fee Study         10,930         500,000         1,000,000         1,000,000         3,010,930         3,00           27         Connection Fee/ Permit Fee Study         100,000         100,000         1,000,000         3,010,930         3,00 <td< td=""><td></td><td>· · ·</td><td>05,000</td><td>00,844</td><td></td><td></td><td>72,097</td><td></td><td>575,000</td><td>-</td></td<>		· · ·	05,000	00,844			72,097		575,000	-
23       Press MCC Room filtration       19,310       150,000       119,310       12         23       Digester Turbo Blowers in WVTP       150,000       150,000       12         23       Arc Flash Study       50,000       44,00,000       4,400,000         24       Future Capital replacement projects       44,00,000       4,400,000       4,400,000         32       Future Capital replacement projects       90       10,000       10,000       10,000         32       Connection Fee/ Permit Fee Study       10,000       1,000,000       1,000,000       3,002,000       3,002,000       3,002,000       3,002,000       3,002,000       3,002,000       3,002,000       3,002,000       2,124,000       2,124,000       2,124,000       2,124,000       2,124,000       2,124,000       2,124,000       2,124,000       2,124,000       2,133       3,002,000       1,00,000			100.000		500,000	500,000				1,000,000
23         Digester Turbo Blowers in WWTP         150,000         11           23         Arc Flash Study         50,000         50,000         12           23         Future Capital replacement projects         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         4,400,000         10,000         10,000         10,000         10,000         10,000         3,002,000										166,096
23       Arc Flash Study       50,000       4       4,400,000       4,400,000         23       Future Capital replacement projects       4,400,000       4,400,000       4,400,000         32       Water Modeling       20,000       10,000       10,000       10,000         32       Connection Fee/ Permit Fee Study       10,000       1,000,000       3,00,300       3,00         32       Future Well Site Eval and Procurement       10,930       500,000       1,000,000       3,00,300       3,00         32       Knolls Trans Line Expansion       1       1       2,124,000       2,11         32       Water Modeling       20,000       102,837       105,755       108,755       417,348       4         33       Macrifian Sewer Expansion       1       100,000       102,837       105,755       108,755       417,348       4         33       Macrifian Sewer Expansion       1       100,000       102,837       105,755       108,755       417,348       4         33       Macrifian Sewer Expansion       1       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,33       3 </td <td></td> <td></td> <td>19,310</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>19,310</td>			19,310							19,310
223         Future Capital replacement projects         4,400,000         4,4           32         Water Modeling         20,000         100,000         100,000         100,000           32         Connection Fee/ Permit Fee Study         10,930         500,000         500,000         1,000,000         3,010,930         3,0           32         Connection Fee/ Permit Fee Study         10,930         500,000         500,000         1,000,000         3,010,930         3,0           32         Zone 2B Storage         -         -         3,092,000         3,0 </td <td></td> <td></td> <td></td> <td>150,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>150,000</td>				150,000						150,000
32         Water Modeling         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         20,000         30,00,000         3,00,030         3,00,000         3,00,030         3,00,0			50,000					50,000		50,000
32       Connection Fee/ Permit Fee Study       10,000       10,000       10,000       3,010,930       3,00         32       Future Well Site Eval and Procurement       10,930       500,000       500,000       1,000,000       3,010,930       3,09       3,00         32       Zone 28 Storage       -       -       3,092,000       3,00       2,12         32       Knolls Trans Line Expansion       -       100,000       102,837       105,755       108,755       417,348       -       4,212,000       2,12         33       Waster Main Expansion       100,000       102,837       105,755       108,755       417,348       -       -       3,092,000       3       -       2,124,000       2,12         34       Wastewater Modeling       20,000       -       -       2,000       -       2,853,000       2,853,000       -       2,853,000       2,83       -       2,853,000       2,83       3       Shady Rest Relief Main- Center Street       -       2,24,000       402,000       -       402,000       -       402,000       -       402,000       4042,000       -       402,000       4402,000       -       402,000       4402,000       -       -       -       -       -	23	Future Capital replacement projects							4,400,000	4,400,000
32       Connection Fee/ Permit Fee Study       10,000       10,000       10,000       3,010,930       3,00         32       Future Well Site Eval and Procurement       10,930       500,000       500,000       1,000,000       3,010,930       3,00         32       Zone 28 Storage       -       -       3,092,000       3,00       3,00         32       Knolls Trans Line Expansion       -       2,124,000       2,12       3,022,000       2,12         32       Water Main Expansion       100,000       102,837       105,755       108,755       417,348       -       4,02,000       -       2,124,000       2,12         33       Water Main Expansion       100,000       102,837       105,755       108,755       417,348       -       -       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       2,853,000       4,02,000       -       2,853,000       2,853,000       2,853,000       2,853,000       2,93,301       3,207,300       2,90,000       4,02,000       4,02,000       4,02,000       4,02,000       4,02,000       4,02,000<	32	Water Modeling	20.000					20.000		20,000
32         Future Well Site Eval and Procurement         10,930         500,000         500,000         1,000,000         1,000,000         3,010,930         3,0           32         Zone 2B Storage         -         -         3,092,000         3,0           32         Knolls Trans Line Expansion         -         -         2,124,000         2,1           32         Water Main Expansion         -         100,000         102,837         105,755         108,755         417,348         -         4           33         Wastewater Modeling         20,000         -         -         2,000         -         -         -         2,000         -         -         -         -         -         -         -         -         -         -         2,000         -         -         -         2,853,000         2,8         -         -         2,853,000         2,8         -         -         2,853,000         2,8         -         -         2,853,000         2,8         -         -         2,853,000         2,8         -         -         -         2,853,000         2,8         -         -         -         -         -         -         -         -         -         -										10,000
32       Zone 2B Storage				500.000	500.000	1 000 000	1 000 000			3,010,930
32       Knolls Trans Line Expansion        2,124,000       2,124,000       2,11         32       Water Main Expansion        100,000       102,837       105,755       108,755       417,348        4         33       Wastewater Modeling       20,000         20,000 </td <td></td> <td></td> <td>10,550</td> <td>300,000</td> <td>500,000</td> <td>1,000,000</td> <td>1,000,000</td> <td>5,010,550</td> <td>3 002 000</td> <td>3,092,000</td>			10,550	300,000	500,000	1,000,000	1,000,000	5,010,550	3 002 000	3,092,000
32         Water Main Expansion         100,000         102,837         105,755         108,755         417,348         4           33         Wastewater Modeling         20,000								_		2,124,000
Mathematical Sector				100.000	102 027	105 755	100 755		2,124,000	
33       Connection Fee/Permit Fee Study       10,000       10,000       10,000       10,000         33       Meridian Sewer Expansion       -       2,853,000       2,88         33       Shady Rest Relief Main- Center Street       -       2,80,000       507,000       507,000         33       Hwy 203 Expansion       -       402,000       402,000       402,000       402,000       402,000         33       Old Mammoth Interceptor Expansion       220,000       220,000       230,000       240,000       250,000       1,150,000       1,200,000       2,33         96       Employee Housing       210,000       220,000       230,000       240,000       250,000       1,150,000       1,200,000       2,33         Capital Equipment       60,000       220,000       230,000       240,000       250,000       1,50,000       44,33         22       Leak Detection Equipment       60,000       23,020,301       3,207,390       2,690,078       16,578,472       24,794,000       41,33         22/23       Portable Emergency Generator       5,500       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -	32	water Main Expansion		100,000	102,837	105,755	108,755	417,348		417,348
33       Meridian Sewer Expansion       -       2,853,000       2,88         33       Shady Rest Relief Main- Center Street       -       253,000       254,000       507,000       -       55         33       Hwy 203 Expansion       -       402,000       402,000       402,000       402,000       -       402,000       -       402,000       -       402,000       -       402,000       -       402,000       -       -       -       -       -       402,000       -       402,000       -       -       -       -       -       -       -       402,000       -       402,000       -	33	Wastewater Modeling	20,000					20,000		20,000
33       Meridian Sewer Expansion       -       2,853,000       2,88         33       Shady Rest Relief Main- Center Street       -       253,000       254,000       507,000       -       55         33       Hwy 203 Expansion       -       402,000       402,000       402,000       402,000       -       402,000       -       402,000       -       402,000       -       402,000       -       402,000       -       -       -       -       -       402,000       -       402,000       -       -       -       -       -       -       -       402,000       -       402,000       -	33	Connection Fee/ Permit Fee Study	10,000					10,000		10,000
33       Shady Rest Relief Main- Center Street       Image: Center Street									2,853,000	2,853,000
33       Hwy 203 Expansion       Image: constraint of the constraint of		·				253,000	254,000	507,000		507,000
33       Old Mammoth Interceptor Expansion       200,000       400,000       600,000       600,000       660,000       67,000       2,33,000       240,000       250,000       1,150,000       1,200,000       2,33,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       41,33       600,000       600,000       600,000       600,000       600,000       600,000       600,000       110,000       110,000       115,000       430,000       550,000       96         22/23       Portable Emergency Generator       5,500       100,000       110,000       110,000       115,000       430,000       550,000       96       60,000					402.000	,	,			402,000
Image: constraint of the system4,084,8453,365,8593,230,3013,207,3902,690,07816,578,47224,794,00041,33Image: constraint of the systemCapital EquipmentConstraint of the systemConstraint of the system		· · ·		200,000						600,000
Image: constraint of the system4,084,8453,365,8593,230,3013,207,3902,690,07816,578,47224,794,00041,33Image: constraint of the systemCapital EquipmentConstraint of the systemConstraint of the system	96	Employee Housing	210.000	220 000	230.000	240.000	250.000	1,150.000	1,200,000	2,350,000
22       Leak Detection Equipment       60,000       Image: constraint of the second										41,372,472
23       See Snake       114,000       Image: Constraint of the state of the										
22/23       Portable Emergency Generator       5,500       Image: constraint of the state	22	Leak Detection Equipment	60,000							
23       TV Van computer hardware/software       22,000       Image: Computer hardware/software       22,000       Image: Computer hardware/software       22,000       Image: Computer hardware/software       Image: Computer hardware/software/software       Image: Computer hardware/software/software       Image: Computer hardware/software	23	See Snake	14,000							
23         TV Van computer hardware/software         22,000         Image: Capital Equipment	22/23	Portable Emergency Generator	5,500							
Capital Equipment         100,000         105,000         110,000         115,000         430,000         550,000         90           Vehicle replacement         200,000         60,000         35,000         105,000         230,000         630,000         500,000         1,12										
Vehicle replacement         200,000         60,000         35,000         105,000         230,000         630,000         500,000         1,1			,	100.000	105.000	110.000	115.000	430.000	550.000	980,000
			200,000						-	1,130,000
Total Capital A 386 345 3 425 859 2 265 201 2 212 200 2 020 079 17 209 472 26 204 000 42 50		Total Capital	4,386,345	3,425,859	3,265,301	3,312,390	2,920,078	17,208,472	25,294,000	42,502,472

## Debt Payment Schedule

The District will pay off all existing debt over the next two fiscal years. **Table F** below lists principal and interest payments scheduled in fiscal year 2017 and 2018.

### Table F

WATER REPLACEMENT FUND		
(22)		
Fiscal Year:	2017	2018
FHA Drought Relief Note (A)	\$33,100	\$33,600
Principal	\$30,000	\$32,000
Interest	\$3,100	\$1,600
FHA Drought Relief Note (B)	\$114,030	
Principal	\$108,600	
Interest	\$5,430	