

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
OCTOBER 25, 2016, 8:30 A.M. AT
THE DISTRICT'S ADMINISTRATIVE OFFICE
22646 TEMESCAL CANYON ROAD,
TEMESCAL VALLEY, CALIFORNIA 92883**

The following is a summary of the rules of order governing meetings of the Temescal Valley Water District Board of Directors:

AGENDA ITEMS

In case of an emergency, items may be added to the Agenda by a majority vote of the Board of Directors. An emergency is defined as a work stoppage; a crippling disaster; or other activity, which severely imperils public health, safety or both. Also, items, which arise after the posting of Agenda, may be added by a two-thirds vote of the Board of Directors.

PUBLIC COMMENT

Persons wishing to address a matter not on the Agenda may be heard at this time; however, no action will be taken until placed on a future agenda in accordance with Board policy.

NOTICE TO PUBLIC

All matters listed under the Consent Calendar will be voted upon by one motion. There will be no separate discussion of these items, unless a Board Member or member of the public requests that a particular item(s) be removed from the Consent Calendar, in which case, they will be considered separately under New Business.

**IF ANYONE WISHES TO SPEAK WITH THE BOARD
ABOUT ANY CONSENT CALENDAR MATTER(S),
PLEASE STATE YOUR NAME, ADDRESS,
AND APPROPRIATE ITEM NUMBER(S).**

AFFIDAVIT OF POSTING

I, Allison Harnden, Office Manager of the Temescal Valley Water District, hereby certify that I caused the posting of the Agenda at the District office at 22646 Temescal Canyon Road, Temescal Valley, California 92883 prior to October 22, 2016.

Allison Harnden, Office Manager

**AGENDA FOR REGULAR MEETING
October 25, 2016**

Page No.

1. **Roll Call and Call to Order.**
2. **Presentations and Acknowledgments.**
3. **Public Comment.**

BOARD ITEMS:

4. **Minutes of the September 27, 2016 Regular Meeting.** **6-9**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **10-13**
RECOMMENDATION: Approve Report and authorize payment of the September 27-October 25, 2016 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).**
 - a. **Revenue & Expenditure Reports.** **14-32**
RECOMMENDATION: Note and file.
 - b. **Lien update.** **33**
RECOMMENDATION: Note and file.
7. **Raftelis Financial Consultants, Inc. presentation on TVWD Rates.** **34-65**
RECOMMENDATION: To be made by the Board.
8. **Trilogy Development.**
 - a. **Homeowners Association update.** **(-)**
 - b. **Golf Course update.** **(-)**

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9. Sycamore Creek Development.	
a. Project Update.	(-)
b. 1738 homes to be built. 1375 houses occupied to date. 80% complete.	
10. Terramor Development (Forestar Toscana).	
a. Project Update.	(-)
b. 1443 estimated houses to be built.	
11. Water Utilization Reports.	66-78
RECOMMENDATION: Note and file.	
12. Committee Reports.	
a. Finance (Director Rodriguez).	(-)
b. Engineering (Director Destache).	(-)
c. Public Relations (Allison Harnden).	(-)
13. General Manager's Report.	
a. General Manager's Report.	79
1. SWRCB Update.	80-81
b. Operations Report.	82-84
14. District Engineer's Report.	85
a. Status of Projects.	
15. District Counsel's Report.	(-)
16. Seminars/Workshops.	(-)

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- 17. Consideration of Correspondence. 86**
An informational package containing copies of all pertinent correspondence for the Month of September will be distributed to each Director along with the Agenda.
- 18. Adjournment. (-)**

**MINUTES OF THE
REGULAR MEETING OF THE
TEMESCAL VALLEY WATER DISTRICT**

September 27, 2016

PRESENT

C. Colladay
P. Rodriguez
G. Destache
D. De Frates

ABSENT

J. Butler

GUESTS

J. Watson
J. Watson
J. Sincich
B. Clingman
S. Smith
A. Roess
B. Forbath
H. Isaac
A. Boehling
D. McNeil
B. Woods

STAFF

J. Pape
M. McCullough
A. Harnden
K. Caldwell
N. Harper
D. Saunders

1. Roll Call and Call to Order.

The regular meeting of the Temescal Valley Water District was called to order by President Colladay at 8:30 a.m.

2. Presentations and Acknowledgments.

3. Public Comment.

BOARD ITEMS:

4. Minutes of the August 23, 2016 Regular Meeting.

ACTION: Director Destache moved to approve the Minutes as presented. Director De Frates seconded. Motion carried unanimously.

5. Payment Authorization Report.

ACTION: Director Rodriguez moved to approve the financial report and to authorize payment of the August 23-September 27, 2016 invoices. Director De Frates seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports (Unaudited).

- a. Revenue & Expenditure Report.
ACTION: Note and file.
 - b. Lien update.
ACTION: Note and file.
- 7. California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority Agreement.**
ACTION: Director Rodriguez moved to approve the agreement. Director De Frates seconded. Motion carried unanimously.
- 8. Raftelis Financial Consultants, Inc. presentation on TVWD Financial Plan.**
ACTION: Raftelis presented a comprehensive draft financial plan that will be a basis for rate setting. A rate study workshop will be scheduled before the next Board meeting.
- 9. Trilogy Development.**
- a. Homeowners Association update.
 - b. Golf Course update – The General Manager reported that the golf course has a new superintendent.
- 10. Sycamore Creek Development.**
- a. Project Update – Brian Woods reported that a fault study is being performed on Planning Area 17.
 - b. 1738 homes to be built. 1348 houses occupied to date. 78% complete.
- 11. Terramor Development (Forestar Toscana).**
- a. Project Update – Brian Woods reported that they have started work on the sewer lift station and the recreation center trenching. The rough grading for the project should be completed by December.
 - b. Resolution No. R-16-11. Resolution of Intention to Establish Community Facilities District No. 4 (Terramor) of TVWD, To Authorize the Levy of a Special Tax to Pay the Cost of Acquiring or Constructing Certain Improvements and Expenses and to Pay Debt Service on Bonded Indebtedness.
ACTION: Director Rodriguez moved to adopt Resolution No. R-16-11. Director De Frates seconded. Motion carried unanimously.
 - c. Resolution No. R-16-12. Resolution of Intention to Incur Bonded Indebtedness within Community Facilities District No. 4 (Terramor).

ACTION: Director Rodriguez moved to adopt Resolution No. R-16-12. Director Destache seconded. Motion carried unanimously.

d. 1443 estimated houses to be built.

12. Water Utilization Reports.

ACTION: Note and file.

13. Committee Reports.

a. Finance (Director Rodriguez).

1. Consideration of Contract Management Extension to Dudek.

ACTION: Director Rodriguez moved to approve the contract extension to Dudek with the following modifications; Page 2, paragraph C should read "...faulty act or omission of TVWD..." instead of manager, and page 2, Item 6 should reflect \$2,000,000 instead of \$1,000,000 for minimum insurance limits. Director Destache seconded. Motion carried unanimously.

b. Engineering (Director Destache).

c. Public Relations (Allison Harnden) – Allison reported that she continues to work with CUSI on the new billing system.

14. General Manager's Report.

a. General Manager's Report.

1. SWRCB Update.

b. Operations Report.

15. District Engineer's Report.

a. Status of Projects.

16. District Counsel's Report.

17. Seminars/Workshops.

18. Consideration of Correspondence.

An informational package containing copies of all pertinent correspondence for the Month of August was distributed to each Director along with the Agenda.

19. Adjournment.

There being no further business, the September 27, 2016 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 11:05 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2016

Check #	Date	Payee ID	Payee	Amount
18615	9/24/16	EL	EDUARDO LOPEZ-TRK MAINT	60.00
18616	9/24/16	BA01	BABCOCK LABORATORIES, INC	353.00
18617	9/24/16	HO02	VOID	-
18618	9/24/16	SEMA	SEMA INC.	2,159.32
18619	9/24/16	WE01	WESTERN MUNICIPAL WATER DISTR.	11,362.30
18620-18621			VOID	-
18622	9/24/16	VWS	VICTORY WELL SURVEYS	720.00
18623	9/24/16	REFUND	J E WINKER	152.13
18624	9/27/16	CO	CHARLES W. COLLADAY	202.52
18625	9/27/16	DD	DAMON DE FRATES	147.82
18626	9/27/16	DES	GRANT DESTACHE	202.52
18627	9/27/16	RO	PAUL RODRIGUEZ	147.82
18628			VOID	-
18629	9/29/16	REFUND	JAMES & REGINA LUCK	85.10
18630	10/7/16	AD	PAYROLL	-
18631	10/7/16	AS	PAYROLL	-
18632	10/7/16	BE	PAYROLL	-
18633	10/7/16	CC	PAYROLL	-
18634	10/7/16	CG	PAYROLL	-
18635	10/7/16	CL	PAYROLL	-
18636	10/7/16	JH	PAYROLL	-
18637	10/7/16	KC	PAYROLL	-
18638	10/7/16	KN	PAYROLL	-
18639	10/7/16	MM	PAYROLL	-
18640	10/7/16	CC	PAYROLL	-
18641	10/7/16	KN	PAYROLL	-
18642	10/7/16	MCC	PAYROLL	-
18643	10/7/16	FI01	FIDELITY INVESTMENTS	910.80
18644	10/7/16	`	KIMMEL BODY WORKS	730.12
18645	10/7/16	DO01	DOWNS OIL CO., INC.	299.11
18646	10/7/16	GM	GLEN MUNCY (INSPECTION)	4,725.00
18647	10/7/16		VOID	-

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2016

Check #	Date	Payee ID	Payee	Amount	
18648	10/7/16	RFC	RAFTELIS FINANCIAL CONSULTANTS	8,557.80	RATE STUDY
18649	10/7/16	SO03	SOUTHERN CALIF EDISON CO.	56,597.54	
18650	10/7/16	ST02	STATE COMPENSATION INSUR.FUND	2,361.67	
18651	10/7/16	TCBC	THE CHAMELEON BEVERAGE CO.	7,901.20	BOTTLED WATER SUPPLY
18652	10/4/16		EDUARDO LOPEZ	80.00	
18653	10/11/16		VOID	-	
18654	10/11/16	REFUND	SHAUN ALEXANDER	59.31	
18655	10/11/16	REFUND	LORI A NAVARRO	236.67	
18656	10/11/16	REFUND	FRANKLIN & THERESA MILLS	123.35	
18657	10/11/16	REFUND	TRI POINTE HOMES	1,094.47	
18658	10/11/16	REFUND	CHRISTIANE FALCON	75.64	
18659	10/11/16	REFUND	RACHELLE & COLTER CHILD	201.97	
18660	10/11/16	REFUND	DAMIAN & ZENNIA CICCHELLI	179.39	
18661	10/11/16	REFUND	CHRISTINE JOHNSON	28.50	
18662	10/11/16	REFUND	RACHEL JOHNSON	96.85	
18663	10/11/16	REFUND	ERIN W. CATALA	328.94	
18664	10/11/16	REFUND	ERIN M TANNER	136.92	
18665	10/11/16	REFUND	THERESA E. JACKSON	265.53	
18666	10/11/16	ACJS	MIKE ARAGON	600.00	
18667	10/11/16	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	4,872.55	
18668	10/11/16	ATT01	AT&T	457.36	
18669	10/11/16	BTS	BUSINESS TELECOMMUNICATION SYSTEMS, IN	5,681.81	3 YEAR SUPPORT CONTRACT
18670	10/11/16	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATC	5,519.20	
18671	10/11/16	HO01	HOME DEPOT CREDIT SERVICES	188.98	
18672	10/11/16	USB01	US BANK GOVERNMENT SERVICES	1,126.25	
18673-18678			VOID	-	
18679	10/18/16	CO	CHARLES W. COLLADAY	202.52	
18680	10/18/16	JB	JOHN B. BUTLER	147.82	
18681	10/18/16	RO	PAUL RODRIGUEZ	147.82	
18682	10/21/16	ATTM	AT & T MOBILITY	549.51	
18683	10/21/16	BA01	BABCOCK LABORATORIES, INC	1,344.00	
18684	10/21/16	BGM	BIG GIANT MEDIA	54.90	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2016

Check #	Date	Payee ID	Payee	Amount	
18685	10/21/16	BI01	BILL'S SWEEPING SERVICE, INC.	720.00	
18686	10/21/16	BRE	BRITHINEE ELECTRIC	242.00	
18687	10/21/16	BT	BT PIPELINE INC.	1,285.50	
18688	10/21/16	CE01	CENTRAL COMMUNICATIONS	253.26	
18689	10/21/16	CL01	CLAYSON, MANN, YAEGER & HANSEN	2,125.00	
18690	10/21/16	DPCI	DON PETERSON CONTRACTING, INC.	3,997.00	
18691	10/21/16	DSC	DATABASE SYSTEMS CORP.	218.98	
18692	10/21/16	DT	DALTON TRUCKING INC.	1,539.08	
18693	10/21/16	EMS	EMS ELECTRIC MOTOR	2,628.00	
18694	10/21/16	FDPCI	FAIN DRILLING & PUMPING CO. INC.	45,187.12	CAP IMP WELL REHAB
18695	10/21/16	FE01	FEDERAL EXPRESS	18.85	
18696	10/21/16	HDS	HD SUPPLY/WATERWORKS	4,139.42	
18697	10/21/16	IEI	INNERLINE ENGINEERING INC	551.25	
18698	10/21/16	MC02	McCROMETER, INC.	8,448.46	METERS
18699	10/21/16	MU01	WILLDAN FINANCIAL SERVICES	6,853.59	
18700	10/21/16	NAIT	NORTH AMERICAN INDUTRY TECH	5,151.60	LEVEL TRANSMITTERS-SBR
18701	10/21/16	NC	NORTHSTAR CHEMICAL	11,293.95	
18702	10/21/16	ON01	ONE STOP LANDSCAPE SUPPLY INC.	2,499.75	
18703	10/21/16	PCE	PACIFIC COAST ENVELOPE INC	111.09	
18704	10/21/16	PLM01	PARRA LANDSCAPE MAINTENANCE	1,340.00	
18705	10/21/16	PPE	PRIVATE PEST EXTERMINATORS	150.00	
18706	10/21/16	RFC	RAFTELIS FINANCIAL CONSULTANTS	16,290.67	RATE STUDY
18707	10/21/16	RTI	RICHARDSON TECHNOLOGIES INC.	399.00	
18708	10/21/16	AQMD	SOUTH COAST AIR QUALITY MGT DIST	354.86	
18709	10/21/16	ST01	STAPLES CREDIT PLAN	537.79	
18710	10/21/16	TA01	DAVID TAUSSIG & ASSOC., INC.	5,008.38	TERRAMOR CFD-REIMB
18711	10/21/16	UBB	USA BLUEBOOK	557.99	
18712	10/21/16	UN01	UNDERGROUND SERVICE ALERT	49.50	
18713	10/21/16	UPG	UNITED POWER GENERATION	297.35	
18714	10/21/16	VPB	VOGEL'S PLUMBING & BACKFLOW	180.00	
18715	10/21/16	WA01	WASTE MANAGEMENT - INLAND EMPIRE	481.58	
18716	10/21/16	WE01	WESTERN MUNICIPAL WATER DISTR.	356,064.20	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2016

Check #	Date	Payee ID	Payee	Amount
18717	10/21/16	AD	PAYROLL	-
18718	10/21/16	BE	PAYROLL	-
18719	10/21/16	CC	PAYROLL	-
18720	10/21/16	CG	PAYROLL	-
18721	10/21/16	CL	PAYROLL	-
18722	10/21/16	JH	PAYROLL	-
18723	10/21/16	KC	PAYROLL	-
18724	10/21/16	KN	PAYROLL	-
18725	10/21/16	MM	PAYROLL	-
18726	10/21/16	BE	PAYROLL	-
18727	10/21/16	JH	PAYROLL	-
18728	10/21/16	KN	PAYROLL	-
18729	10/21/16	JH	JASON HODEL-MILEAGE	64.80
18730	10/21/16		KIMBERLY NEGRET-MILEAGEE	16.20
Total				<u>\$ 600,532.25</u>

THESE INVOICES ARE SUBMITTED TO THE
 TEMESCAL VALLEY BOARD OF DIRECTORS FOR
 APPROVAL AND AUTHORIZATION FOR PAYMENT

Mel McCullough - Finance Manager

Mel McCullough - Finance Manager

10/25/16

Date

**TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
30-Sep-16**

ASSETS

Fixed Assets (net of accumulated depreciation)		
Land	\$	902,118
Treatment Plants		9,625,266
Capacity Rights		13,503,639
Water System, Reservoir & Wells		9,551,622
Water & Sewer Mains		27,285,696
General Equipment Sewer/Water/ Furniture		433,542
Buildings & Entrance Improvements		355,349
		<hr/>
	\$	61,657,230
Current Assets		
Cash - Wastewater	8,483,779	
Cash - Water	7,317,640	
Cash - ID #1	416,333	
Cash - ID #2	119,122	
Cash - Nonpotable	1,641,254	
Cash - Deposits	<u>1,146,756</u>	19,124,884
Accounts Receivable-Services/Developers		1,304,463
Assessment Receivable		119,593
Interest Receivable		33,022
Prepaid Expenses		31,362
Inventory		<u>155,579</u>
		20,768,904
Other Assets		
Work-in-Process		520,972
Deferred Outflows - Pension		<u>\$ 113,747</u>
TOTAL ASSETS		<u>\$ 83,060,853</u>

LIABILITIES

Current Liabilities		
Accounts Payable	\$	567,351
Security Deposits		330,392
Payroll & Payroll Taxes Payable		48,780
Capacity & Meter Deposits		121,430
Fiduciary Payments Payable		373,834
Developer Deposits		283,221
Other Deposits		<u>37,879</u>
		1,762,887
Long-term Liabilities		
TVRP Note		2,090,774
Deferred Inflows - Pension		<u>84,186</u>
TOTAL LIABILITIES		<u>\$ 3,937,848</u>

FUND EQUITY

Fund Balances		
Waste Water Fund Balance		26,442,415
Water Fund Balance		42,731,294
ID #1 Fund Balance		564,350
ID #2 Fund Balance		646,922
Recycled Water Fund Balance		<u>8,738,023</u>
TOTAL FUND EQUITY		<u>\$ 79,123,005</u>
TOTAL LIABILITIES & FUND EQUITY		<u>\$ 83,060,853</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	SEPT			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	170,479	167,000	3,479	511,124	501,000	10,124	2,002,000	(1,490,876)
MONTHLY SERVICE CHARGE-ID #1	10,767	10,767	-	32,300	32,301	(1)	129,200	(96,900)
MONTHLY SERVICE CHARGE-ID #2	12,180	12,180	-	36,536	36,540	(4)	146,150	(109,614)
MONTHLY SEWER SERVICE CHG-R COM	9,919	9,600	319	28,563	28,600	(37)	115,000	(86,437)
MISC UTILITY CHARGES/ REVENUE	6,070	4,400	1,670	19,192	13,200	5,992	52,000	(32,808)
STANDBY CHARGES	-	-	-	1,992	-	1,992	110,000	(108,008)
CFD REIMBURSEMENTS	-	-	-	-	-	-	20,000	(20,000)
INSPECTION CHARGES	369	2,500	(2,131)	7,604	2,500	5,104	10,000	(2,396)
TOTAL WASTEWATER REVENUE	209,784	206,447	3,337	637,311	614,141	23,170	2,584,350	(1,947,039)
OPERATING EXPENSES:								
PLANT WAGES EXPENSE	8,984	9,700	(716)	26,745	29,100	(2,355)	165,000	(138,255)
PAYROLL TAXES EXP	131	230	(99)	492	810	(318)	3,000	(2,508)
EMPLOYEE BENEFITS-INS	1,050	1,450	(400)	3,117	3,900	(783)	15,500	(12,383)
EMPLOYEE BENEFITS-RETIREMENT	1,316	1,900	(584)	3,966	5,100	(1,134)	22,500	(18,534)
OVERTIME EXP	605	750	(145)	3,434	2,250	1,184	9,000	(5,566)
MILEAGE EXP	52	75	(23)	130	225	(95)	800	(670)
VACATION EXP	624	700	(76)	1,872	2,100	(228)	8,300	(6,428)
ELECTRICIAN LABOR COSTS	-	625	(625)	-	1,875	(1,875)	7,500	(7,500)
SCADA SYSTEM ADMIN/MAINT	198	750	(552)	1,437	2,250	(813)	9,000	(7,563)
LABORATORY TESTING COSTS	1,045	2,700	(1,655)	3,760	8,100	(4,340)	32,000	(28,240)
SLUDGE DISPOSAL/PUMPING COSTS	3,824	2,000	1,824	8,252	6,000	2,252	25,000	(16,748)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	6,000	(6,000)	-	6,000	(6,000)	20,000	(20,000)
CHEMICALS, LUBRICANTS & FUELS	7,877	8,000	(123)	28,567	24,000	4,567	95,000	(66,433)
EQUIPMENT RENTAL COSTS	-	200	(200)	675	600	75	2,000	(1,325)
EQUIPMENT REPAIRS & MAINT.	11,698	16,000	(4,302)	52,337	48,000	4,337	190,000	(137,663)
SEWER LINE REPAIRS	-	2,500	(2,500)	-	2,500	(2,500)	10,000	(10,000)
SEWER CLEANING AND VIDEO EXP	551	1,500	(949)	3,001	3,000	1	15,000	(11,999)
SECURITY AND ALARM EXP	-	350	(350)	640	700	(60)	4,000	(3,360)
PROPERTY MAINTENANCE	1,790	1,750	40	17,889	5,250	12,639	20,000	(2,111)
ENGINEERING/ADMIN. STUDIES	-	-	-	-	-	-	20,000	(20,000)
ENERGY COSTS	18,447	19,500	(1,053)	54,232	58,500	(4,268)	195,000	(140,768)
CONSUMABLE SUPPLIES & CLEANING	124	850	(726)	470	2,550	(2,080)	10,000	(9,530)
SMALL EQUIPMENT & TOOLS COST	-	250	(250)	623	750	(127)	3,000	(2,377)
PERMITS, FEES & TAXES	10	2,200	(2,190)	2,585	6,600	(4,015)	25,000	(22,415)
SAWPA BASIN MONITORING EXP	-	-	-	20,240	15,000	5,240	15,000	5,240
MAP UPDATING/GIS EXP	-	-	-	-	-	-	2,000	(2,000)
MISC. OPERATING EXP	65	100	(35)	120	200	(80)	1,000	(880)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONTINGENCIES	-	3,500	(3,500)	-	10,500	(10,500)	36,000	(36,000)
TOTAL OPERATING EXPENSES	58,391	83,580	(25,189)	234,584	245,860	(11,276)	987,100	(752,516)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	SEPT			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	9,979	8,350	1,629	21,645	25,050	(3,405)	100,000	(78,355)
GENERAL ENGINEERING EXP	-	1,400	(1,400)	1,342	4,200	(2,858)	16,000	(14,658)
ANNUAL ASSESSMENT EXP	-	-	-	2,868	2,000	868	2,000	868
PLAN CHECK & INSPECTION EXP	-	400	(400)	-	1,200	(1,200)	5,000	(5,000)
EMPLOYEE BENEFITS-INS	1,448	1,500	(52)	3,768	4,800	(1,032)	19,000	(15,232)
EMPLOYEE BENEFITS-RETIREMENT	1,908	2,000	(92)	4,794	5,700	(906)	21,000	(16,206)
WAGES EXPENSE	10,254	11,000	(746)	30,870	38,400	(7,530)	142,000	(111,130)
VACATION EXP	797	800	(3)	2,392	2,400	(8)	9,600	(7,208)
OVERTIME EXP	-	85	(85)	-	255	(255)	1,000	(1,000)
MILEAGE EXP ADMIN	33	45	(12)	125	135	(10)	500	(375)
PAYROLL TAX EXPENSES	184	200	(16)	622	700	(78)	2,500	(1,878)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	850	650	200	1,452	1,950	(498)	7,600	(6,148)
AUDIT EXPENSES	-	-	-	-	-	-	5,000	(5,000)
BOARD COMMITTEE MEETING EXP.	404	625	(221)	1,273	1,875	(602)	7,500	(6,227)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	6,600	(6,600)
COMPUTER SYSTEM ADMIN	-	1,700	(1,700)	3,981	5,100	(1,119)	20,000	(16,019)
BANK CHARGES EXP	731	750	(19)	2,170	2,250	(80)	9,000	(6,830)
MISCELLANEOUS & EDUCATION EXP	-	85	(85)	464	255	209	1,000	(536)
TELEPHONE, FAX & CELL EXP	1,077	1,000	77	3,067	3,025	42	8,000	(4,933)
OFFICE SUPPLIES EXP	603	1,400	(797)	2,244	4,200	(1,956)	16,000	(13,756)
PRINTING EXPENSES	111	150	(39)	111	150	(39)	5,000	(4,889)
POSTAGE & DELIVERY EXPENSE	792	1,000	(208)	2,594	3,000	(406)	12,000	(9,406)
PUBLICATIONS, NOTICES & DUES	-	500	(500)	69	1,500	(1,431)	5,000	(4,931)
EQUIPMENT LEASE EXPENSES	1,467	500	967	1,974	1,500	474	6,000	(4,026)
INSURANCE EXPENSES	2,339	2,700	(361)	7,016	8,100	(1,084)	32,000	(24,984)
INVESTMENT EXP	400	400	-	1,200	1,200	-	4,800	(3,600)
COMMUNITY OUTREACH EXP	7,901	7,000	901	7,901	7,000	901	7,000	901
TOTAL ADMINISTRATIVE EXPENSES	41,278	44,240	(2,962)	103,942	125,945	(22,003)	473,100	(369,158)
TOTAL WASTEWATER EXPENSES	99,669	127,820	(28,151)	338,526	371,805	(33,279)	1,460,200	(1,121,674)
NET OPERATING REVENUE/EXPENSE	110,115	78,627	31,488	298,785	242,336	56,449	1,124,150	(825,365)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS			-			-	-	-
CONNECTION FEES			-			-	-	-
INTEREST INCOME	4,940	1,000	3,940	8,680	3,000	5,680	12,000	(3,320)
PROPERTY TAX INCOME	3,684	3,500	184	6,189	7,000	(811)	65,000	(58,811)
TOTAL NON-OPER SOURCE OF FUNDS	8,624	4,500	4,124	14,869	10,000	4,869	77,000	(62,131)
TOTAL SEWER REVENUE/EXPENSE	118,739	83,127	35,612	313,654	252,336	61,318	1,201,150	(887,496)
TRANSFER TO CAPITAL FUND-REPLACEMENT				243,701				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				69,953				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2015-2016	8,846,278
TRANSFER FOR CAPITAL FUND REPLACEMENT	243,701
TRANSFER FOR CAPITAL IMPROVEMENTS	69,953
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(65,694)</u>
TOTAL FUNDS AVAILABLE	<u>9,094,238</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	SEPT			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WATER DEPARTMENT</u>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	113,034	112,500	534	337,770	337,500	270	1,350,000	(1,012,230)
WATER USAGE CHARGES	329,593	270,000	59,593	1,083,703	864,000	219,703	2,700,000	(1,616,297)
WATER PUMPING CHARGE	10,514	7,500	3,014	33,115	24,000	9,115	75,000	(41,885)
FIRE PROTECTION CHARGES	2,568	2,400	168	7,658	7,200	458	28,000	(20,342)
MISC. UTILITY CHARGES	6,660	4,200	2,460	12,892	12,600	292	50,000	(37,108)
SERVICE METER INCOME	8,800	1,700	7,100	16,000	5,100	10,900	20,000	(4,000)
CELLULAR SITE LEASE	2,787	2,500	287	8,280	7,500	780	30,000	(21,720)
MWD READINESS TO SERVE CHARGE	19,454	18,750	704	58,164	56,250	1,914	225,000	(166,836)
STANDBY CHARGES	-	-	-	664	-	664	35,000	(34,336)
CFD REIMBURSEMENTS	-	-	-	-	-	-	20,000	(20,000)
INSPECTION CHARGES	-	2,500	(2,500)	-	2,500	(2,500)	10,000	(10,000)
TOTAL WATER REVENUE	493,410	422,050	71,360	1,558,246	1,316,650	241,596	4,543,000	(2,984,754)
OPERATING EXPENSES:								
WAGES EXPENSE	7,861	8,200	(339)	23,402	24,500	(1,098)	145,000	(121,598)
PAYROLL TAXES EXP	114	250	(136)	431	850	(419)	3,000	(2,569)
EMPLOYEE BENEFITS-INS	950	1,175	(225)	3,073	3,500	(427)	14,000	(10,927)
EMPLOYEE BENEFITS-RETIREMENT	1,116	1,535	(419)	3,608	4,300	(692)	20,000	(16,392)
OPERATION-MILEAGE EXP	46	70	(24)	113	210	(97)	750	(637)
OVERTIME EXPENSE/ ON CALL	-	750	(750)	-	2,250	(2,250)	9,000	(9,000)
VACATION EXP	780	610	170	2,340	1,830	510	7,300	(4,960)
CONTRACT STAFFING-METER READS	4,873	5,000	(127)	14,516	15,000	(484)	60,000	(45,484)
SCADA SYSTEM ADMIN/MAINT	173	600	(427)	1,257	1,800	(543)	7,000	(5,743)
LABORATORY TESTING COSTS	299	800	(501)	1,040	5,300	(4,260)	12,500	(11,460)
COMPLIANCE TESTING (ISDE/CROSS)	-	-	-	1,793	1,500	293	3,000	(1,207)
LEAK DETECTION EXPENSE	-	2,000	(2,000)	-	2,000	(2,000)	8,000	(8,000)
EPA WATER TESTING EXP	-	-	-	-	-	-	-	-
EQUIPMENT RENTAL COSTS	-	175	(175)	-	525	(525)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	816	6,250	(5,434)	256	18,750	(18,494)	75,000	(74,744)
WATER LINE REPAIRS	-	3,500	(3,500)	9,819	10,500	(681)	40,000	(30,181)
ALARM MONITORING COSTS	-	175	(175)	561	525	36	2,000	(1,439)
PROPERTY MAINTENANCE	-	500	(500)	-	1,500	(1,500)	6,000	(6,000)
ENGINEERING/ADMIN. STUDIES	-	650	(650)	-	1,950	(1,950)	8,000	(8,000)
ENERGY COSTS	14,903	12,500	2,403	43,667	40,000	3,667	125,000	(81,333)
CONSUMABLE SUPPLIES & CLEANING	613	700	(87)	613	2,100	(1,487)	8,000	(7,387)
CHEMICALS, LUBRICANTS & FUELS	3,585	425	3,160	3,869	1,275	2,594	5,000	(1,131)
SMALL EQUIPMENT & TOOLS COST	-	200	(200)	389	600	(211)	2,000	(1,611)
PERMITS, FEES & TAXES	479	1,450	(971)	1,119	5,400	(4,281)	18,500	(17,381)
MAP UPDATING/GIS EXP	-	625	(625)	-	1,875	(1,875)	7,500	(7,500)
SERVICE METERS & PARTS COSTS	12,822	2,500	10,322	28,903	7,500	21,403	30,000	(1,097)
WHOLESALE WATER PURCHASES	325,674	205,000	120,674	1,020,498	815,000	205,498	2,585,000	(1,564,502)
WATER-MWD CAPACITY CHARGE	-	6,700	(6,700)	11,808	20,100	(8,292)	80,000	(68,192)
WATER-READINESS TO SERVE/REFUSAL CHARGE	-	14,200	(14,200)	25,315	42,600	(17,285)	170,000	(144,685)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONSERVATION REBATE EXP	139	625	(486)	139	1,875	(1,736)	7,500	(7,361)
CONTINGENCIES	-	3,000	(3,000)	-	9,000	(9,000)	35,000	(35,000)
TOTAL OPERATING EXPENSES	375,243	280,165	95,078	1,198,529	1,044,115	154,414	3,497,550	(2,299,021)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	SEPT			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2016-2017	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	8,731	7,300	1,431	18,939	21,900	(2,961)	87,500	(68,561)
GENERAL ENGINEERING EXP	-	1,400	(1,400)	-	4,200	(4,200)	16,000	(16,000)
PLAN CHECK & INSPECTION EXP	-	1,400	(1,400)	27	4,200	(4,173)	16,000	(15,973)
EMPLOYEE BENEFITS-INS	1,372	1,400	(28)	3,848	4,000	(152)	16,650	(12,802)
EMPLOYEE BENEFITS-RETIREMENT	1,670	1,395	275	5,010	5,100	(90)	18,350	(13,340)
ANNUAL ASSESSMENT EXP	-	-	-	2,868	2,000	868	2,000	868
WAGES EXPENSE	8,972	9,530	(558)	27,012	33,410	(6,398)	124,000	(96,988)
VACATION EXP	997	700	297	2,989	2,100	889	8,200	(5,211)
MILEAGE EXP ADMIN	33	45	(12)	113	135	(22)	500	(387)
OVERTIME EXPENSE	-	100	(100)	-	250	(250)	1,000	(1,000)
PAYROLL TAX EXPENSES	131	180	(49)	548	660	(112)	2,400	(1,852)
CONTRACT STAFFING OFFICE	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	744	1,250	(506)	1,271	3,750	(2,479)	15,000	(13,729)
AUDIT EXPENSES	-	-	-	-	-	-	5,000	(5,000)
BOARD COMMITTEE/ MEETING EXP.	354	525	(171)	851	1,575	(724)	6,300	(5,449)
COMPUTER SYSTEM EXP	-	1,000	(1,000)	1,290	3,000	(1,710)	12,000	(10,710)
BANK CHARGES EXP	640	600	40	1,899	1,800	99	7,000	(5,101)
MISCELLANEOUS & EDUCATION EXP	-	100	(100)	406	250	156	1,000	(594)
TELEPHONE, FAX, PAGER & RADIO	552	600	(48)	2,307	1,800	507	7,000	(4,693)
OFFICE SUPPLIES EXP	496	1,100	(604)	1,851	3,300	(1,449)	13,000	(11,149)
PRINTING EXPENSES	-	-	-	14	-	14	5,000	(4,986)
POSTAGE & DELIVERY EXPENSE	693	750	(57)	2,269	2,250	19	9,000	(6,731)
PUBLICATIONS, NOTICES & DUES	-	500	(500)	13	1,500	(1,487)	5,000	(4,987)
EQUIPMENT LEASE EXPENSES	1,283	500	783	1,727	1,500	227	6,000	(4,273)
INSURANCE EXPENSES	2,046	2,400	(354)	6,139	7,200	(1,061)	28,000	(21,861)
INVESTMENT EXPENSE	350	-	350	1,050	-	1,050	4,200	(3,150)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	6,600	(6,600)
COMMUNITY OUT REACH EXP	-	3,500	(3,500)	-	3,500	(3,500)	7,000	(7,000)
TOTAL ADMINISTRATIVE EXPENSES	29,064	36,275	(7,211)	82,441	109,380	(26,939)	431,700	(349,259)
TOTAL WATER EXPENSES	404,307	316,440	87,867	1,280,970	1,153,495	127,475	3,929,250	(2,648,280)
NET OPERATING REVENUE/EXPENSE	89,103	105,610	(16,507)	277,276	163,155	114,121	613,750	(336,474)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
CONNECTION FEES	3,191	-	3,191	51,579	-	51,579	-	51,579
INTEREST INCOME	6,240	1,600	4,640	10,960	4,800	6,160	19,000	(8,040)
PROPERTY TAX INCOME	1,815	-	1,815	3,048	-	3,048	30,000	(26,952)
TOTAL NON-OP SOURCE OF FUNDS	11,246	1,600	9,646	65,587	4,800	60,787	49,000	16,587
TOTAL REVENUE/EXPENSE	100,349	107,210	(6,861)	342,863	167,955	174,908	662,750	(319,887)
TRANSFER TO CAPITAL FUND-REPLACEMENT				131,832				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				211,031				
CAPACITY USAGE INCOME				154,546				
LONG TERM DEBT REDUCTION				(154,546)				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2015-2016	7,622,794
TRANSFER FOR CAPITAL FUND REPLACEMENT	131,832
TRANSFER FOR CAPITAL IMPROVEMENTS	211,031
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(22,285)</u>
TOTAL FUNDS AVAILABLE	<u>7,943,372</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	SEPT			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>ID#1 DEPARTMENT</u>								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	13,725	13,725	-	41,175	41,175	-	164,700	(123,525)
TOTAL ID #1 REVENUE	13,725	13,725	-	41,175	41,175	-	164,700	(123,525)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	10,766	10,766	-	32,299	32,299	-	129,200	(96,901)
TOTAL OPERATING COSTS	10,766	10,766	-	32,299	32,299	-	129,200	(96,901)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	-	-	-	3,000	(3,000)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	-	-	-	3,000	(3,000)
TOTAL ID#1 EXPENSES	10,766	10,766	-	32,299	32,299	-	132,200	(99,901)
NET OPERATING REVENUE/EXPENSE	2,959	2,959	-	8,876	8,876	-	32,500	(23,624)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	130	31	99	228	93	135	370	(142)
TOTAL NON-OPER SOURCE OF FUNDS	130	31	99	228	93	135	370	(142)
TOTAL REVENUE/EXPENSE	3,089	2,990	99	8,969	8,969	-	32,870	(23,901)
TRANSFER TO CAPITAL FUND-REPLACEMENT				6,497				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				2,472				
				-				
<u>ID #1 FUND BALANCE:</u>								
ENDING FUNDS AVAILABLE 2015-2016	407,229							
TRANSFER FOR CAPITAL FUND REPLACEMENT	6,497							
TRANSFER FOR CAPITAL IMPROVEMENTS	2,472							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	-							
TOTAL FUNDS AVAILABLE	416,198							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	SEPT			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<i>ID#2 DEPARTMENT</i>								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	46,575	46,575	-	186,300	(139,725)
TOTAL ID #2 REVENUE	15,525	15,525	-	46,575	46,575	-	186,300	(139,725)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	12,179	12,179	-	36,535	36,535	-	146,150	(109,615)
TOTAL OPERATING COSTS	12,179	12,179	-	36,535	36,535	-	146,150	(109,615)
ADMINISTRATIVE EXPENSES:								
GENERAL ENGINEERING EXP	-	-	-	-	-	-	2,500	(2,500)
ANNUAL ASSESSMENT PROCESSING	-	-	-	-	-	-	3,000	(3,000)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	-	-	-	5,500	(5,500)
TOTAL ID#2 EXPENSES	12,179	12,179	-	36,535	36,535	-	151,650	(115,115)
NET OPERATING REVENUE/EXPENSE	3,346	3,346	-	10,040	10,040	-	34,650	(24,610)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	260	61	199	457	183	274	732	(275)
TOTAL NON-OPER SOURCE OF FUNDS	260	61	199	457	183	274	732	(275)
TOTAL REVENUE/EXPENSE	3,606	3,407	199	10,497	10,223	274	35,382	(24,885)
TRANSFER TO CAPITAL FUND-REPLACEMENT				8,437				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				2,060				
				-				
<i>ID #2 FUND BALANCE:</i>								
ENDING FUNDS AVAILABLE 2015-2016	108,626							
TRANSFER FOR CAPITAL FUND REPLACEMENT	8,437							
TRANSFER FOR CAPITAL IMPROVEMENTS	2,060							
CAPITAL IMPROVEMENT-PLANT REMOVAL	-							
TOTAL FUNDS AVAILABLE	119,123							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	SEPT			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>NON-POTABLE WATER DEPARTMENT</u>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	184,646	130,000	54,646	627,254	468,000	159,254	1,300,000	(672,746)
RECYCLED/ NON-POT WATER FIXED CHARGE	14,751	11,250	3,501	43,599	33,750	9,849	135,000	(91,401)
RECYCLED/NON-POTABLE PUMPING CHARGE	5,222	3,000	2,222	16,591	10,800	5,791	30,000	(13,409)
MISC INCOME	530	850	(320)	1,101	2,550	(1,449)	10,000	(8,899)
TOTAL NON-POTABLE REVENUE	205,149	145,100	60,049	688,545	515,100	173,445	1,475,000	(786,455)
OPERATING EXPENSES:								
RECYCLED/NON-POTABLE LABOR EXP	5,615	7,900	(2,285)	16,716	27,800	(11,084)	103,000	(86,284)
PAYROLL TAXES EXP	82	138	(56)	308	486	(178)	1,800	(1,492)
EMPLOYEE BENEFITS-INS	687	840	(153)	1,556	2,520	(964)	10,000	(8,444)
EMPLOYEE BENEFITS-RETIREMENT	793	1,077	(284)	2,379	3,769	(1,390)	14,000	(11,621)
MILEAGE EXP	32	20	12	81	60	21	200	(119)
OVERTIME EXP	-	475	(475)	-	1,425	(1,425)	5,700	(5,700)
VACATION EXP	156	450	(294)	468	1,350	(882)	5,200	(4,732)
SCADA SYS EXP	124	575	(451)	897	1,725	(828)	6,800	(5,903)
LABORATORY TESTING COSTS	-	1,250	(1,250)	500	3,750	(3,250)	15,000	(14,500)
EQUIPMENT REPAIRS & MAINT.	(200)	4,200	(4,400)	2,151	12,600	(10,449)	50,000	(47,849)
NONPOTABLE WATER LINE REPAIR	-	8,500	(8,500)	2,496	25,500	(23,004)	100,000	(97,504)
SECURITY AND ALARM EXP	-	85	(85)	401	255	146	1,000	(599)
PROPERTY MAINTENANCE	-	420	(420)	-	1,260	(1,260)	5,000	(5,000)
ENERGY COSTS	23,246	33,000	(9,754)	81,248	99,000	(17,752)	275,000	(193,752)
CONSUMABLE SUPPLIES EXP	-	30	(30)	-	90	(90)	350	(350)
CHEMICALS, LUBRICANTS & FUELS	-	850	(850)	256	2,550	(2,294)	10,000	(9,744)
PERMITS AND FEES EXP	-	500	(500)	111	1,500	(1,389)	6,000	(5,889)
SERVICE METERS AND PARTS COSTS	-	600	(600)	5,181	1,800	3,381	7,000	(1,819)
RECYCLED SIGN EXP	-	250	(250)	-	750	(750)	3,000	(3,000)
MISC OPERATING EXP	-	42	(42)	389	126	263	500	(111)
POTABLE WATER EXP	48,952	-	48,952	104,634	-	104,634	-	104,634
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
TOTAL OPERATING EXPENSES	79,487	61,202	18,285	219,772	188,316	31,456	621,150	(401,378)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Three Months ending September 30, 2016**

	APRIL			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2016-2017	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	6,237	5,225	1,012	13,528	15,675	(2,147)	62,500	(48,972)
GENERAL ENGINEERING/ PLAN CHECK EXP	-	1,250	(1,250)	-	3,750	(3,750)	15,000	(15,000)
INSPECTION EXP	1,485	1,250	235	1,485	3,750	(2,265)	15,000	(13,515)
EMPLOYEE BENEFITS-INS	801	1,000	(199)	1,350	1,500	(150)	12,000	(10,650)
EMPLOYEE BENEFITS-RETIREMENT	1,192	1,000	192	3,576	3,500	76	13,000	(9,424)
WAGES EXPENSE	6,408	6,840	(432)	19,294	23,980	(4,686)	89,000	(69,706)
VACATION EXP	199	485	(286)	599	1,455	(856)	5,800	(5,201)
MILEAGE EXP	-	15	(15)	57	45	12	150	(93)
OVERTIME EXP	-	105	(105)	-	315	(315)	1,250	(1,250)
PAYROLL TAX EXPENSE	114	123	(9)	398	431	(33)	1,600	(1,202)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSE	531	1,000	-	1,073	3,000	(1,927)	12,000	(10,927)
AUDIT EXP	-	-	-	-	-	-	5,000	(5,000)
BOARD FEES EXP	253	375	(122)	608	1,125	(517)	4,500	(3,892)
ELECTION EXP	-	-	-	-	-	-	6,800	(6,800)
COMPUTER SYSTEMS EXP	-	750	(750)	665	2,250	(1,585)	9,000	(8,335)
BANK CHARGES	457	550	(93)	1,356	1,650	(294)	6,500	(5,144)
TELEPHONE EXP	337	420	(83)	1,515	1,560	(45)	5,000	(3,485)
OFFICE SUPPLIES	340	500	(160)	1,160	1,500	(340)	6,000	(4,840)
PRINTING EXP	-	-	-	-	-	-	2,500	(2,500)
POSTAGE EXP	495	540	(45)	1,911	1,620	291	6,500	(4,589)
PUBLICATION EXP	-	250	(250)	9	750	(741)	3,000	(2,991)
EQUIPMENT LEASE EXP	917	250	667	1,234	750	484	3,000	(1,766)
INSURANCE EXPENSE	1,461	1,700	-	4,385	5,100	(715)	20,000	(15,615)
ANNUAL ASSESSMENT EXP	-	-	-	-	2,100	(2,100)	2,100	(2,100)
INVESTMENT EXPENSE	250	-	250	750	-	750	3,000	(2,250)
COMMUNITY OUTREACH EXP	-	2,400	(2,400)	-	2,400	(2,400)	4,800	(4,800)
MISC & EDUCATION EXP	-	85	(85)	-	255	(255)	1,000	(1,000)
TOTAL ADMINISTRATIVE EXPENSES	21,477	26,113	(3,928)	54,953	78,461	(23,508)	318,000	(263,047)
TOTAL NON-POTABLE OPERATING EXPENSES	100,964	87,315	13,649	274,725	266,777	7,948	939,150	(664,425)
NET OPERATING REVENUE/EXPENSE	104,185	57,785	46,400	413,820	248,323	165,497	535,850	(122,030)
NON-OPERATING SOURCE OF FUNDS:								
CONNECTION FEES	-	-	-	4,629	-	4,629	-	4,629
INTEREST INCOME	1,430	350	1,080	2,515	1,050	1,465	4,100	(1,585)
TOTAL NON-OP SOURCE OF FUNDS	1,430	350	1,080	7,144	1,050	6,094	4,100	3,044
TOTAL REVENUE/EXPENSE	105,615	58,135	47,480	420,964	249,373	171,591	539,950	(118,986)
TRANSFER TO CAPITAL FUND-REPLACEMENT				55,848				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				365,116				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2015-2016	1,215,422							
TRANSFER FOR CAPITAL FUND REPLACEMENT	55,848							
TRANSFER FOR CAPITAL IMPROVEMENTS	365,116							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(69,949)							
TOTAL FUNDS AVAILABLE	1,566,437							

Temescal Valley Water District
Capital Projects
Yearly Miscellaneous and Multi - Year

FY 2015/2016 Maintenance/ General Projects	Total Cost	Source of Funding			AS OF SEPT 30, 2016 EXPENDITURES				Total YTD	Variance
		Sewer Fund	Water Fund	Recycled Fund	Previous YRS	Sewer Fund	Water Fund	Recycled Fund		
Billing Software Update/HARDWARE	\$ 110,000	\$ 44,000	\$ 38,500	\$ 27,500	\$ 48,963	\$ 5,877	\$ 5,142	\$ 3,673	\$ 14,692	\$ 46,345
Rate study	\$ 130,000	\$ 52,000	\$ 45,500	\$ 42,500	\$ 15,782	\$ 16,972	\$ 14,850	\$ 10,609	\$ 42,431	\$ 71,787
General Building Improvements	\$ 40,000	\$ 16,000	\$ 14,000	\$ 10,000	\$ -				\$ -	\$ 40,000
Convert to Recycled	\$ 135,000	\$ -	\$ -	\$ 135,000	\$ 16,363				\$ -	\$ 118,637
Replace VFD	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ 11,840			\$ 11,840	\$ 28,160
Upgrade PLCs	\$ 250,000	\$ 100,000	\$ 87,500	\$ 62,500	\$ 67,861				\$ -	\$ 182,139
Upgrade Servers to 64b	\$ 70,000	\$ 28,000	\$ 24,500	\$ 17,500	\$ 42,848				\$ -	\$ 27,152
Sewer Management Plan Update	\$ 45,000		\$ -	\$ -	\$ -				\$ -	\$ 45,000
SCADA Standardization	\$ 35,000	\$ 15,000	\$ 15,000	\$ 5,000	\$ 20,836				\$ -	\$ 14,164
New Generator design	\$ 54,150	\$ 54,150	\$ -	\$ -	\$ -	\$ 29,858			\$ 29,858	\$ 24,292
Park Canyon RW Ext.	\$ 90,000	\$ -	\$ -	\$ 90,000	\$ 8,267				\$ -	\$ 81,733
Air Actuator valves	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -				\$ -	\$ 40,000
Subtotal Maintenance and General	\$ 1,039,150	\$ 349,150	\$ 225,000	\$ 300,000	\$ 220,921	\$ 64,547	\$ 19,992	\$ 14,282	\$ 98,821	\$ 719,408

Multiple Fiscal Year Projects

TWC Pipeline- Retrofit and Improvements	\$ 5,240,100	\$ 890,000	\$ 3,450,000	\$ 900,000	\$ 4,930,973			\$ 45,187	\$ 45,187	\$ 263,940
Dawson Canyon Recycled Water Storage Reserv	\$ 2,816,000	\$ 1,126,400	\$ 985,600	\$ 704,000	\$ 1,829,972	\$ 1,147	\$ 1,000	\$ 793	\$ 2,940	\$ 983,088
GIS Mapping - Water Sewer RW pipelines and fa	\$ 171,700	\$ 66,000	\$ 66,000	\$ 39,700	\$ 43,410				\$ -	\$ 128,290
Well Rehab	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ -				\$ -	\$ 25,000
SCADA Tower	\$ 60,000	\$ 30,000	\$ 30,000	\$ -	\$ -				\$ -	\$ 60,000
Non-Potable Groundwater Development	\$ 185,000	\$ -	\$ -	\$ 185,000	\$ 62,031			\$ 9,687	\$ 9,687	\$ 113,282
Potable Groundwater Study and Development	\$ 355,000	\$ -	\$ 250,000	\$ 85,000	\$ 105,646		\$ 1,293		\$ 1,293	\$ 248,061
Dawson Canyon Potable Reservoir Design	\$ 145,000	\$ -	\$ 145,000	\$ -	\$ 141,819				\$ -	\$ 3,181
Urban Water Management Plan	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -				\$ -	\$ 100,000
Subtotal Multiple Year	\$ 9,097,800	\$ 2,112,400	\$ 5,026,600	\$ 1,938,700	\$ 7,113,851	\$ 1,147	\$ 2,293	\$ 55,667	\$ 59,107	\$ 1,924,842

TOTAL \$ 10,136,950 \$ 2,461,550 \$ 5,251,600 \$ 2,238,700 \$ 7,334,772 **\$ 65,694** **\$ 22,285** **\$ 69,949** **\$ 157,928** \$ 2,644,250

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
9/30/2016

Special Tax Fund (Acct #105636-009)
Account Balance at Wilmington Trust \$ 16.74

BONDS PR ACCT (Acct # 105636-010)
Account Balance at Wilmington Trust 0.25

Administrative Expense Fund(Acct #105636-011)
Account Balance at Wilmington Trust 1.42

Surplus Fund (Acct #105636-012)
Account Balance at Wilmington Trust 1,591,763.55

Re-call Fund (Acct #105636-025)
Account Balance at Wilmington Trust -

TOTAL \$ 1,591,781.96

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
9/30/2016

Special Tax Fund (Acct #105636-014)
Account Balance at Wilmington Trust \$ 2.17

BONDS PR ACCT (Acct # 105636-015)
Account Balance at Wilmington Trust -

Administrative Expense Fund(Acct #105636-016)
Account Balance at Wilmington Trust 1.33

Surplus Fund (Acct #105636-017)
Account Balance at Wilmington Trust 464,785.42

TOTAL \$ **464,788.92**

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
9/30/2016

<u>Special Tax Fund (Acct #105636-019)</u> Account Balance at Wilmington Trust	\$ 9.92
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-020)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #105636-021)</u> Account Balance at Wilmington Trust	1.42
<hr/>	
<u>Surplus Fund (Acct #105636-022)</u> Account Balance at Wilmington Trust	1,263,756.65
<hr/>	
TOTAL	\$ 1,263,767.99

**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
9/30/2016**

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.02
- Lien Interest A/C (Acct #105636-001)		442.57
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,265,530.08
- Reserve Fund CFD #2 (Acct #105636-005)		276,065.03
- Reserve Fund CFD #3 (Acct #105636-006)		1,495,525.64
Junior Lien Bonds - Revenue Fund (Acct #105639-000)		0.01
- Lien Interest A/C (Acct #105639-001)		178.49
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		789,410.21
- Reserve Fund CFD #2 (Acct #105639-005)		100,174.23
- Reserve Fund CFD #3 (Acct #105639-006)		540,859.91
TOTAL		
	\$	5,468,186.19



**JOHN CHIANG
TREASURER
STATE OF CALIFORNIA**



PMIA Performance Report

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
09/19/16	0.63	0.61	158
09/20/16	0.63	0.61	156
09/21/16	0.63	0.61	156
09/22/16	0.64	0.61	155
09/23/16	0.64	0.61	160
09/24/16	0.64	0.61	160
09/25/16	0.64	0.61	160
09/26/16	0.64	0.61	157
09/27/16	0.64	0.61	157
09/28/16	0.64	0.61	160
09/29/16	0.64	0.61	162
09/30/16	0.65	0.61	165
10/01/16	0.65	0.65	165
10/02/16	0.65	0.65	165
10/03/16	0.65	0.65	169
10/04/16	0.65	0.65	170
10/05/16	0.65	0.65	170
10/06/16	0.65	0.65	169
10/07/16	0.65	0.65	171
10/08/16	0.65	0.65	171
10/09/16	0.65	0.65	171
10/10/16	0.65	0.65	168
10/11/16	0.65	0.65	169
10/12/16	0.65	0.65	168
10/13/16	0.65	0.65	170
10/14/16	0.66	0.65	171
10/15/16	0.66	0.65	171
10/16/16	0.66	0.65	171
10/17/16	0.65	0.65	168
10/18/16	0.65	0.65	167
10/19/16	0.65	0.65	166

*Daily yield does not reflect capital gains or losses

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October 25, 2016**

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LAIF Performance Report

Quarter Ending 09/30/16

Apportionment Rate: 0.60%
 Earnings Ratio: .00001651908048883
 Fair Value Factor: 1.000306032
 Daily: 0.65%
 Quarter to Date: 0.61%
 Average Life: 165

**PMIA Average Monthly
Effective Yields**

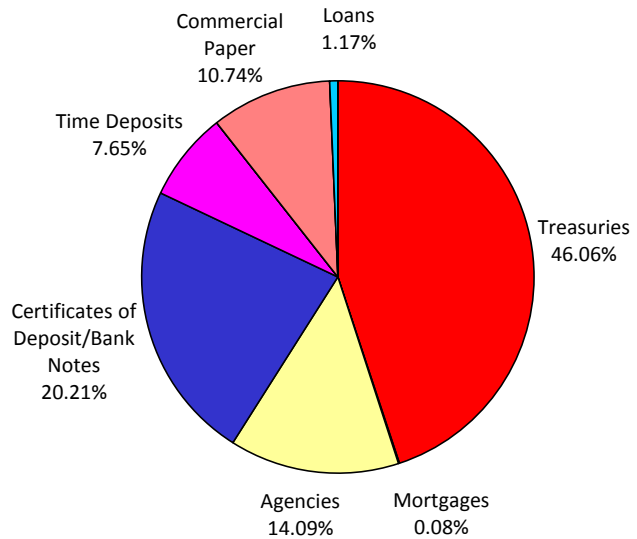
Sep 2016 0.634%
 Aug 2016 0.614%
 Jul 2016 0.588%

Pooled Money Investment Account

Portfolio Composition

09/30/16

\$68.3 billion





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Asset Class

Cusip	Name	Maturity Date	% of Total MV	Qty	Purchase Yield	Market Yield	Original Cost	Market Value	Accru
Agency									
313313HM3	FFCB Discount Note	06/29/2017	2.0%	200,000	0.58	0.58	198,866.33	199,202.00	
3130A6LZ8	FHLB Note	10/26/2017	2.0%	200,000	0.63	0.73	199,984.00	199,792.60	
313380EC7	FHLB Note	09/08/2017	2.0%	200,000	0.64	0.69	200,256.00	200,113.40	
313379DT3	FHLB Note	06/08/2018	2.0%	200,000	0.76	0.87	201,846.00	201,227.20	
313313GA0	FFCB Discount Note	05/25/2017	2.0%	200,000	0.76	0.76	198,487.50	199,095.83	
3130A8PK3	FHLB Note	08/07/2018	2.5%	250,000	0.79	0.85	249,150.00	248,987.25	
313376BR5	FHLB Note	12/14/2018	2.0%	200,000	0.79	0.93	204,582.00	203,482.80	
3137EAEA3	FHLMC Note	04/09/2018	2.0%	200,000	0.85	0.82	199,660.00	199,804.80	
3133EGFQ3	FFCB Note	09/14/2018	2.0%	200,000	0.85	0.87	200,098.00	200,000.40	
3130A8EJ8	FHLB Note	06/05/2018	2.0%	200,000	0.86	0.87	199,968.00	199,948.20	
313378A43	FHLB Note	03/09/2018	2.0%	200,000	0.96	0.85	201,466.00	201,453.20	
3137EADK2	FHLMC Note	08/01/2019	2.0%	200,000	1.01	1.03	201,448.00	201,214.20	
3133EFX69	FFCB Note	10/05/2018	2.0%	200,000	1.03	0.84	199,678.00	200,463.20	
3133EFPJ0	FFCB Note	11/19/2018	2.0%	200,000	1.04	0.96	201,228.00	201,353.00	
3130A8DB6	FHLB Note	06/21/2019	2.0%	200,000	1.04	1.02	200,496.00	200,539.00	
313380FB8	FHLB Note	09/13/2019	2.0%	200,000	1.05	1.06	202,040.00	201,786.60	
313380VU5	FNMA Callable Note	03/06/2020	1.5%	150,000	1.06	1.28	153,717.00	152,340.90	
3135G0ZA4	FNMA Note	02/19/2019	2.0%	200,000	1.08	1.02	204,258.00	203,936.80	
3137EADM8	FHLMC Note	10/02/2019	2.0%	200,000	1.08	1.05	201,074.00	201,170.40	
3133782M2	FHLB Note	03/08/2019	2.0%	200,000	1.09	0.96	202,254.00	202,531.20	
3133EGCA1	FFCB Note	06/03/2019	2.0%	200,000	1.11	1.02	199,716.00	200,204.60	
3133EFW52	FFCB Note	07/01/2019	2.0%	200,000	1.12	1.04	200,162.00	200,593.60	
3137EADZ9	FHLMC Note	04/15/2019	2.0%	200,000	1.14	0.98	199,932.00	200,706.80	
Commercial Paper									
21687AMK6	Rabobank Nederland NV NY Discount CP	12/19/2016	2.5%	250,000	0.86	0.86	248,938.33	249,650.00	
06538BNW9	Bank of Tokyo Mitsubishi NY Discount CP	01/30/2017	2.0%	200,000	1.03	1.03	199,309.83	199,427.66	
Money Market Fund FI									
31846V203	First American Govt Obligation Fund	10/19/2016	0.1%	13,467.9	0.00	0.00	13,467.90	13,467.90	
US Corporate									
713448CW6	Pepsico Inc. Note	07/17/2017	1.3%	125,000	0.81	1.01	125,403.75	125,108.25	
717081DJ9	Pfizer Inc. Note	05/15/2017	1.3%	125,000	0.84	0.90	125,300.00	125,145.50	

084664BS9	Berkshire Hathaway Note	05/15/2017	1.3%	125,000	0.88	0.91	125,850.00	125,492.13
69371RL87	Paccar Financial Corp Note	06/06/2017	1.3%	125,000	0.90	1.01	125,241.25	125,072.38
166764BC3	Chevron Corp Note	11/09/2017	1.3%	125,000	0.91	1.14	125,707.50	125,260.75
36962G5W0	General Electric Capital Corp Note	04/27/2017	1.3%	125,000	0.92	1.00	126,527.50	125,841.88
458140AL4	Intel Corp Note	12/15/2017	1.3%	125,000	0.94	1.01	125,742.50	125,490.38
747525AG8	Qualcomm Inc Note	05/18/2018	1.3%	125,000	1.05	1.26	125,840.00	125,276.63
594918BN3	Microsoft Note	08/08/2019	1.1%	115,000	1.14	1.21	114,881.55	114,663.97
808513AK1	Charles Schwab Corp Callable Note Cont 2/10/2018	03/10/2018	1.0%	100,000	1.17	1.12	100,576.00	100,491.70
48126EAA5	JP Morgan Note	08/15/2017	1.3%	125,000	1.19	1.24	126,131.25	125,771.25
24422ETE9	John Deere Capital Corp Note	01/08/2019	1.3%	125,000	1.26	1.40	126,957.50	126,489.00
30231GAP7	Exxon Mobil Corp Note	03/01/2019	1.3%	125,000	1.32	1.34	126,290.00	126,066.75
02665WAH4	American Honda Finance Note	08/15/2019	1.3%	125,000	1.32	1.43	128,545.00	127,809.88
037833AQ3	Apple Inc Note	05/06/2019	1.3%	125,000	1.35	1.25	127,667.50	127,654.63
68389XAX3	Oracle Corp Note	10/08/2019	1.3%	125,000	1.36	1.38	128,238.75	128,170.63
89236TDE2	Toyota Motor Credit Corp Note	05/20/2019	1.3%	125,000	1.45	1.41	124,826.25	124,983.25
91159HHH6	US Bancorp Callable Note Cont 3/25/2019	04/25/2019	1.3%	125,000	1.48	1.40	127,482.50	127,398.38
06406HCW7	Bank of New York Callable Note Cont 8/11/2019	09/11/2019	1.3%	125,000	1.53	1.56	127,923.75	127,537.25
94974BFQ8	Wells Fargo Corp Note	01/15/2019	1.3%	125,000	1.59	1.65	126,778.75	126,369.25
40428HPH9	HSBC USA Inc Note	01/16/2018	1.3%	125,000	1.64	1.59	124,965.00	125,060.13
US Treasury								
912828TG5	US Treasury Note	07/31/2017	2.0%	200,000	0.57	0.60	199,844.42	199,843.80
912828UA6	US Treasury Note	11/30/2017	2.0%	200,000	0.61	0.72	200,039.73	199,781.20
912828K82	US Treasury Note	08/15/2018	2.0%	200,000	0.66	0.81	201,406.92	200,671.80
912828XJ4	US Treasury Note	06/30/2017	1.0%	100,000	0.67	0.59	99,957.36	100,023.40
912828RY8	US Treasury Note	12/31/2018	2.0%	200,000	0.67	0.89	203,453.79	202,101.60
912828J92	US Treasury Note	03/31/2017	2.0%	200,000	0.68	0.43	199,695.98	200,062.00
912828XK1	US Treasury Note	07/15/2018	2.0%	200,000	0.79	0.80	200,344.42	200,242.20
912828UF5	US Treasury Note	12/31/2019	2.0%	200,000	0.82	1.01	202,102.23	200,703.20
912828UB4	US Treasury Note	11/30/2019	2.0%	200,000	0.82	1.00	201,172.54	200,007.80
912828P20	US Treasury Note	01/31/2018	2.0%	200,000	0.84	0.75	199,703.79	199,992.20
912828R51	US Treasury Note	05/31/2018	2.0%	200,000	0.87	0.80	200,008.48	200,242.20
912828H52	US Treasury Note	01/31/2020	2.0%	200,000	1.00	1.03	201,649.11	201,390.60
Grand Total			100.0%				10,008,337.96	9,998,709.51

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Active Lien Board Update

Balance as of 9/27/16: \$12,609.81

Payments received: \$0.00

New liens recorded: \$850.86

ACTIVE

Active liens value \$1,008.46

Number of active liens 6

WRITTEN OFF

Written off liens value \$12,452.21

Number of written off liens 61

Released liens 6/13/07 - 10/25/16: \$168,891.96

Temescal Valley Water District

BOARD WORKSHOP

OCTOBER 25, 2016



WATER, WASTEWATER, RECYCLED WATER FP & RATE STUDY

Potable Water Utility



Water FP Summary

- CIP
 - Significant Water Tank Project in 2018/2019
 - Water Tank Project spread equally over 3 years to smooth revenue needs
 - For future years (6-10), average annual CIP cost was used as a proxy (excluding Water Tank Project)
- Reserve Targets
 - O&M Min – 120 days of operating
 - Capital Min – Calc. Annual Depreciation
 - Rate Stabilization Target – 10% of Revenues
- Recommended Revenue Adjustments:
 1. 4.5% Level Adjustments



Proposed Potable Fixed Rates

Meter Size	FY 2017 Proposed Service Charge (\$ / Meter)	Current Service Charge	Difference (\$)
SFR	\$21.94	\$24.75	(\$2.81)
5/8"	\$21.94	\$24.75	(\$2.81)
3/4"	\$28.72	\$34.75	(\$6.04)
1"	\$42.27	\$49.36	(\$7.10)
1 1/2"	\$76.14	\$69.15	\$6.99
2"	\$116.79	\$105.53	\$11.26
3"	\$245.52	\$148.33	\$97.19
4"	\$435.22	\$212.53	\$222.69
6"	\$889.14	\$426.53	\$462.61
8"	\$1,905.39	\$679.05	\$1,226.34
10"	\$2,853.89	\$908.03	\$1,945.86



Proposed Potable Commodity Rates

	Current Tier Range	Current Rate	Proposed Tier Break	Proposed FY 2017 Rate
<u>Residential</u>				
Tier 1	0 – 5 ccf	\$2.07	7 ccf	\$2.55
Tier 2	6 – 15 ccf	\$2.26	18 ccf	\$2.89
Tier 3	16 – 30 ccf	\$2.65	Over 18	\$3.19
Tier 4	31 – 45 ccf	\$3.52	N/A	-
Tier 5	46 & Above	\$4.78	N/A	-
<u>Non-Residential</u>	Uniform	\$2.65	Uniform	\$2.79
<u>Irrigation</u>				
Tier 1	0-40 ccf	\$2.65	Uniform	\$2.94
Tier 2	41 & Above	\$3.60	N/A	-



Proposed Water Pro-Forma

Water Pro-Forma	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Revenues										
Rate Revenues	\$4,170,772	\$4,448,701	\$4,738,820	\$5,040,198	\$5,389,089	\$5,690,710	\$5,941,694	\$6,202,056	\$6,472,201	\$6,752,554
Misc. Revenues	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000
Non-Operating Revenues	\$92,202	\$74,757	\$76,083	\$77,369	\$78,698	\$80,114	\$81,622	\$83,185	\$84,806	\$86,486
Total Revenues	\$4,372,973	\$4,633,458	\$4,924,903	\$5,227,567	\$5,577,788	\$5,880,824	\$6,133,316	\$6,395,241	\$6,667,007	\$6,949,040
Expenditures										
O&M Expenses										
Wholesale Water Purchases	\$2,364,501	\$2,450,805	\$2,541,975	\$2,635,520	\$2,767,296	\$2,905,661	\$3,050,944	\$3,203,491	\$3,363,665	\$3,531,849
Water-Mwd Capacity Charge	\$57,825	\$58,982	\$60,161	\$61,364	\$62,592	\$63,843	\$65,120	\$66,423	\$67,751	\$69,106
Water - RTS Charge	\$135,475	\$138,184	\$140,948	\$143,767	\$146,642	\$149,575	\$152,567	\$155,618	\$158,731	\$161,905
Energy Costs	\$125,000	\$137,500	\$151,250	\$166,375	\$183,013	\$201,314	\$221,445	\$243,590	\$267,949	\$294,743
Other Operating Costs	\$537,550	\$552,933	\$568,786	\$585,127	\$601,971	\$619,335	\$637,236	\$655,692	\$674,721	\$694,344
Administrative Expenses	\$417,350	\$428,347	\$439,669	\$451,328	\$463,334	\$475,700	\$488,438	\$501,560	\$515,080	\$529,012
Total Operating Expenses	\$3,637,701	\$3,766,751	\$3,902,790	\$4,043,482	\$4,224,848	\$4,415,428	\$4,615,750	\$4,826,373	\$5,047,897	\$5,280,959
Debt Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$3,637,701	\$3,766,751	\$3,902,790	\$4,043,482	\$4,224,848	\$4,415,428	\$4,615,750	\$4,826,373	\$5,047,897	\$5,280,959
Net Cashflow	\$735,272	\$866,707	\$1,022,113	\$1,184,085	\$1,352,940	\$1,465,395	\$1,517,566	\$1,568,867	\$1,619,109	\$1,668,081

Positive Net Income throughout planning period



Revenue Recovery Summary

Revenue Requirements	FY 2017	Fixed	Variable
Wholesale Water Purchases	\$2,364,501		✓
MWD Capacity Charge	\$57,825	✓	
MWD RTS	\$135,474	✓	
O&M Expenses	\$1,674,748	✓	✓
Energy Expenses	\$125,000		✓
Revenue Offsets	(\$95,000)		✓
Cost of Service Requirement	\$4,262,549	\$1,426,827	\$2,835,722



Fixed Charge Components

	Customer Service	Meter Capacity	MWD Capacity	MWD RTS	Fire Protection
Revenue Requirements	\$365,984	\$818,519	\$57,825	\$135,475	\$49,025
÷ Units of Service	59,808 (# of bills)	68,352 (EMU's)	68,352 (EMU's)	59,808 (# of bills)	68,352 (EMU's)
Monthly Unit Rate	\$6.12	\$11.98	\$0.85	\$2.27	\$0.72

- Any increase in the MWD RTS charge will be automatically passed-through



Proposed Potable Fixed Rates

Meter Size	Number of Meters	Capacity Ratio	Customer Service	Meter Capacity	MWD Capacity	Base Fixed Charge	MWD RTS	FY 2017 Proposed Service Charge (\$ / Meter)	Current Service Charge	Difference (\$)
SFR	4,835	1.00	\$6.12	\$12.70	\$0.85	\$19.67	\$2.27	\$21.94	\$24.75	(\$2.81)
5/8"	49	1.00	\$6.12	\$12.70	\$0.85	\$19.67	\$2.27	\$21.94	\$24.75	(\$2.81)
3/4"	0	1.50	\$6.12	\$19.05	\$1.28	\$26.45	\$2.27	\$28.72	\$34.75	(\$6.04)
1"	8	2.50	\$6.12	\$31.75	\$2.13	\$40.00	\$2.27	\$42.27	\$49.36	(\$7.10)
1 1/2"	8	5.00	\$6.12	\$63.50	\$4.25	\$73.87	\$2.27	\$76.14	\$69.15	\$6.99
2"	80	8.00	\$6.12	\$101.60	\$6.80	\$114.52	\$2.27	\$116.79	\$105.53	\$11.26
3"	1	17.50	\$6.12	\$222.25	\$14.88	\$243.25	\$2.27	\$245.52	\$148.33	\$97.19
4"	3	31.50	\$6.12	\$400.05	\$26.78	\$432.95	\$2.27	\$435.22	\$212.53	\$222.69
6"	0	65.00	\$6.12	\$825.50	\$55.25	\$886.87	\$2.27	\$889.14	\$426.53	\$462.61
8"	0	140.00	\$6.12	\$1,778.00	\$119.00	\$1,903.12	\$2.27	\$1,905.39	\$679.05	\$1,226.34
10"	0	210.00	\$6.12	\$2,667.00	\$178.50	\$2,851.62	\$2.27	\$2,853.89	\$908.03	\$1,945.86



SFR Tier Recommendations

	Current Tier Range	Proposed Tier Break	Rationale
Tier 1	0 – 5 ccf	7 ccf	Indoor Allotment
Tier 2	6 – 15 ccf	18 ccf	SFR Summer Average
Tier 3	16 – 30 ccf	Over 18	Above T1 & T2 Usage
Tier 4	31 – 45 ccf	N/A	
Tier 5	46 & Above	N/A	

- Indoor Allotment = 6.8 ccf
 - 3 persons per household (based on 2010 Census)
 - 55 GPCD
- Residential Summer Average per Account = 18 ccf



Irrigation and Non-Residential

- **Irrigation Current Structure**
 - Tier 1 (0 - 40 ccf)
 - Tier 2 (41 ccf & Above)

- **Irrigation Rate Structure Options**
 - Uniform (No Tiers)
 - 2 Tiers – Only with necessary Data
 - Need landscape area to establish water budgets
 - Tier 1 – within Water budget; Tier 2 – Outside Water Budget

- **Non-Residential**
 - Maintain Uniform Rates



Variable Units of Service

Customer Classes	Current Tier Widths	FY 2016 Usage	Proposed Tier Widths	Projected Usage by Tier
Residential		847,521		847,521
Tier 1	0-5 ccf	273,976	0 - 7	370,579
Tier 2	6-15 ccf	359,255	8 - 18	318,826
Tier 3	16-30 ccf	164,077	19 & Above	158,116
Tier 4	31-45 ccf	34,372		-
Tier 5	46 & Above	15,841		-
Non-Residential	Uniform	30,415	Uniform	30,415
Irrigation		91,340	Uniform	91,340
Tier 1	0-40 ccf	21,793		91,340
Tier 2	41 & Above	69,547		-
Total Usage				969,276

- Current Residential Structure - 25% of usage is in T3-T5
- Proposed Structure - 18% projected within T3



Variable Components Supply & Delivery

- Supply and Delivery will be spread equally over all units of water

	Supply Component	Delivery Component
Revenue Requirements	\$2,364,501	\$214,406
÷ Units of Service	969,276 <small>(all units of water)</small>	969,276 <small>(all units of water)</small>
Monthly Unit Rate	\$2.44	\$0.22

Variable Components Peaking



- Peaking Revenue Requirement includes both Max Day and Max Hour

$$(\$79,741 + \$147,074 = \$226,815)$$

- Customer and Tier Peaking Factors were utilized to spread costs equitably

Customer Class Peaking Factors

Customer Class Peaking	Max Month Usage [A]	Average Month Usage* [B]	Peaking Factor [A/B]
Residential	91,221	70,627	1.29
Non-Residential	3,103	2,535	1.22
Irrigation	11,457	7,612	1.51

Tier Peaking Factors

Residential Tier Peaking	Max Average Usage [A]	Peaking Factor (A/7.00)
Tier 1	7.00	1.00
Tier 2	12.99	1.86
Tier 3	30.77	4.40



Proposed Potable Commodity Rates

Customer Classes	Proposed Tiers	Projected Usage	Supply Component	Delivery Component	Peaking Component	Revenue Offset Component	Proposed FY 2017 Commodity Charge	Current Commodity Rate	Difference (\$)
Residential									
Tier 1	(0-7 ccf)	370,579	\$2.44	\$0.23	\$0.12	(\$0.24)	\$2.55	\$2.07	\$0.48
Tier 2	(8-18 ccf)	318,826	\$2.44	\$0.23	\$0.22	\$0.00	\$2.89	\$2.26	\$0.63
Tier 3	19 ccf & Above	158,116	\$2.44	\$0.23	\$0.52	\$0.00	\$3.19	\$2.65	\$0.54
Tier 4								\$3.52	(\$3.52)
Tier 5								\$4.78	(\$4.78)
Non-Residential	Uniform	30,415	\$2.44	\$0.23	\$0.22	(\$0.10)	\$2.79	\$2.65	\$0.14
Irrigation	Uniform	91,340	\$2.44	\$0.23	\$0.27	\$0.00	\$2.94	\$2.65	\$0.29
								\$3.60	(\$3.60)

Pumping Zones	Proposed FY 2017 Pumping Rate	Current Pumping Rate	Difference (\$)	Difference (%)
Zone A	-	\$0.00	\$0.00	0%
Zone B	\$0.17	\$0.12	\$0.05	42%
Zone C	\$0.18	\$0.13	\$0.05	38%
Zone D	\$0.22	\$0.14	\$0.08	57%
Zone E	\$0.26	\$0.26	\$0.00	0%

Recycled Water Utility



Recycled FP Summary

- CIP
 - Annualized 5-YR CIP
 - Subsequent years recover RC annual depreciation
- Reserve Targets
 - O&M Min – 120 days of operating
 - Capital Min – Calc. Annual Depreciation
 - Rate Stabilization Target – 10% of Revenues
- Recommended Revenue Adjustments
 1. Solved Independently
 - 10%, 10%, 4%, 4%, 4%



RW – Proposed Pro-Forma

Recycled Pro-Forma	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Revenues										
Rate Revenues	\$1,631,169	\$1,794,286	\$1,917,323	\$1,994,016	\$2,073,776	\$2,114,439	\$2,114,439	\$2,114,439	\$2,114,439	\$2,114,439
Misc. Revenues	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Non-Operating Revenues	\$2,807	\$2,033	\$2,379	\$2,497	\$2,624	\$2,760	\$2,906	\$3,064	\$3,233	\$3,416
Total Revenues	\$1,643,976	\$1,806,319	\$1,929,702	\$2,006,513	\$2,086,400	\$2,127,198	\$2,127,345	\$2,127,502	\$2,127,672	\$2,127,855
Expenditures										
O&M Expenses										
Operating Costs	\$346,150	\$356,014	\$366,180	\$376,660	\$387,463	\$398,600	\$410,084	\$421,925	\$434,135	\$446,727
Energy Costs	\$275,000	\$302,500	\$332,750	\$366,025	\$402,628	\$442,890	\$487,179	\$535,897	\$589,487	\$648,436
Administrative Expenses	\$307,750	\$315,958	\$324,409	\$333,113	\$342,078	\$351,313	\$360,827	\$370,629	\$380,730	\$391,139
Total Operating Expenses	\$928,900	\$974,471	\$1,023,339	\$1,075,798	\$1,132,169	\$1,192,804	\$1,258,090	\$1,328,451	\$1,404,352	\$1,486,302
Debt Service										
Existing Debt	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed Debt	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Interfund Loan	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Debt	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Expenses	\$928,900	\$974,471	\$1,023,339	\$1,075,798	\$1,132,169	\$1,192,804	\$1,258,090	\$1,328,451	\$1,404,352	\$1,486,302
Net Cashflow	\$715,076	\$831,848	\$906,363	\$930,715	\$954,231	\$934,395	\$869,255	\$799,051	\$723,320	\$641,553



Fixed / Variable

- Fixed charges equivalent to potable customers
- Pumping same as potable customers

	Fixed 13%	Variable 87%					
	Meter Charges	Supply	Base	Max Day	Max Hour	Pumping	FY 2017
Fixed Revenue Requirement	\$218,564						\$218,564
Pumping/Energy Costs						\$41,326	\$41,326
O&M Costs		\$506,096	\$393,611	\$234,961	\$314,286		\$1,448,954
Cost of Service Requirement	\$218,564	\$506,096	\$393,611	\$234,961	\$314,286	\$41,326	\$1,708,844



Variable Revenue Recovery

- Variable Rate Structure Options
 - **Option 1** - Uniform
 - **Option 2** - Seasonal Uniform Rates (recommended)
 - Accounts for additional cost incurred to serve peak demand with potable water



Proposed Recycled Variable Rates

Customer Classes	Proposed FY 2017 Commodity Charge	Current Commodity Rate	Difference (\$)	Difference (%)
Recycled				
Oct-May Uniform Rate	\$1.96	\$1.69	\$0.27	16%
June-Sept Uniform Rate	\$2.26	\$1.69	\$0.57	33%

Wastewater Utility

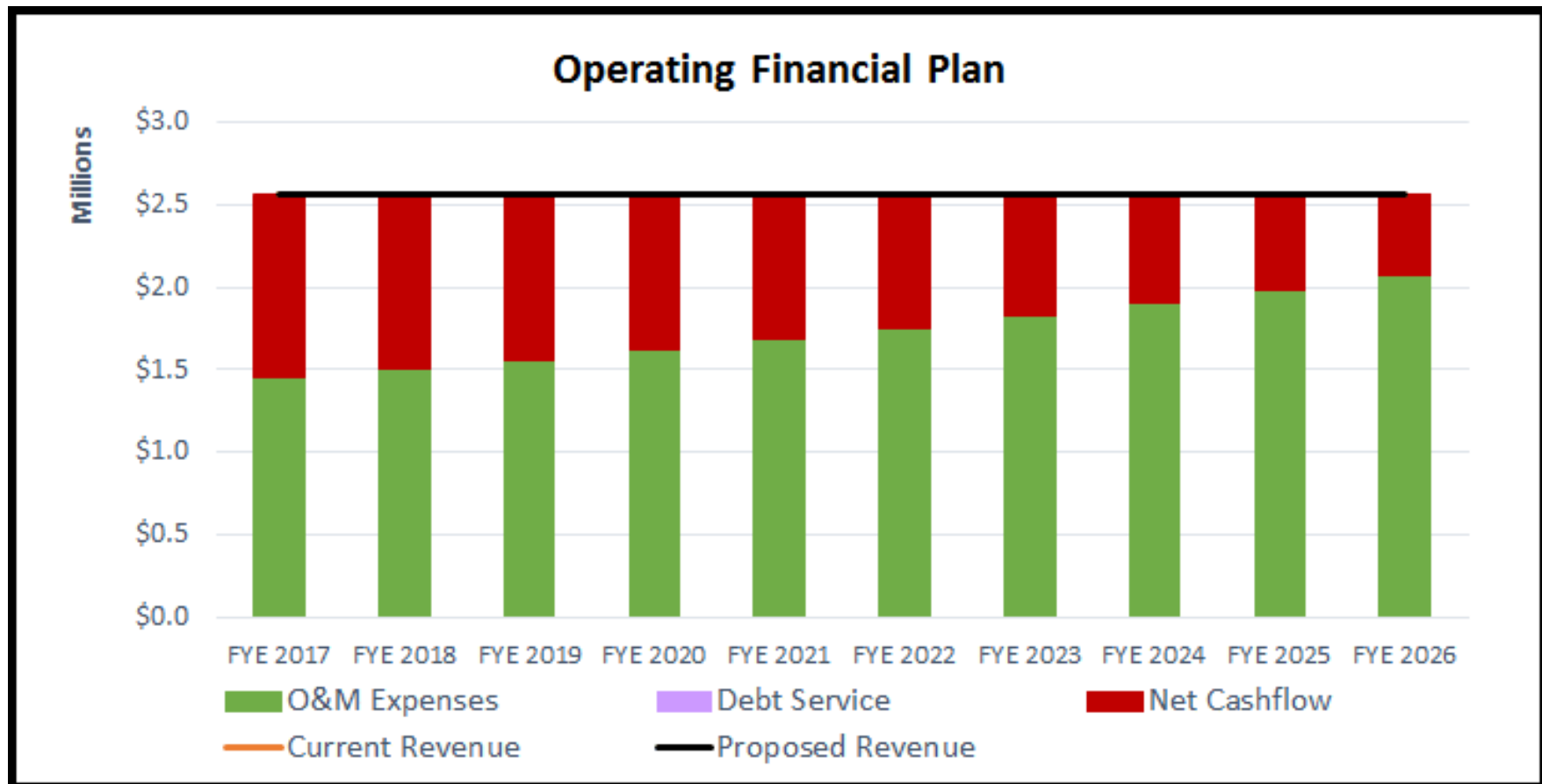


Wastewater FP Summary

- CIP
 - WRF Upgrade spread equally over 3 years
 - 6 yr Average (excluding WRF Project) used for other years (FY 2020 and beyond)
- Reserve Targets
 - O&M Min – 120 days of operating
 - Capital Min – Calc. Annual Depreciation
 - Rate Stabilization Target – 10% of Revenues
- Recommend increase by CPI each year

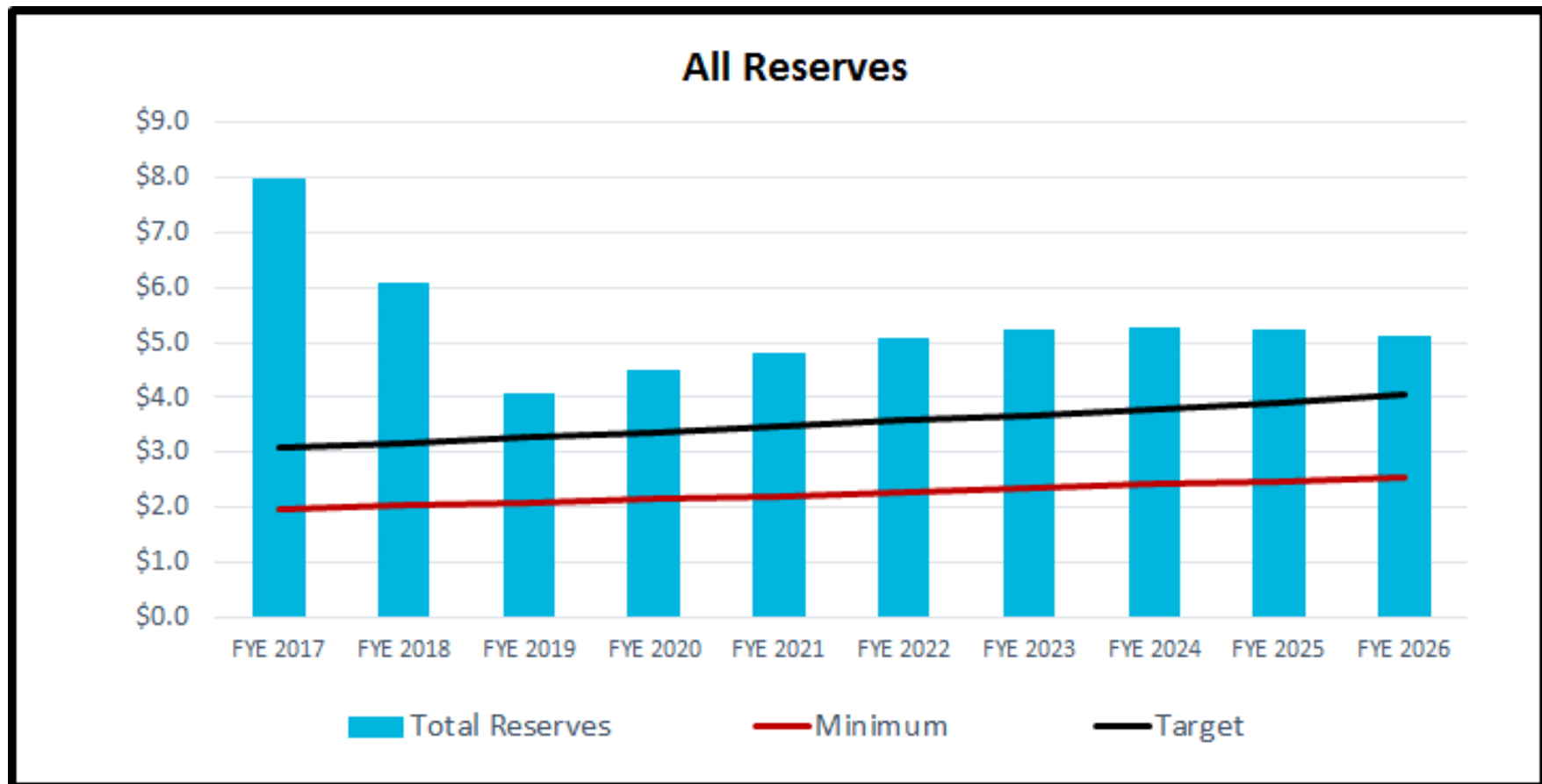


WW – Operating Financial Plan



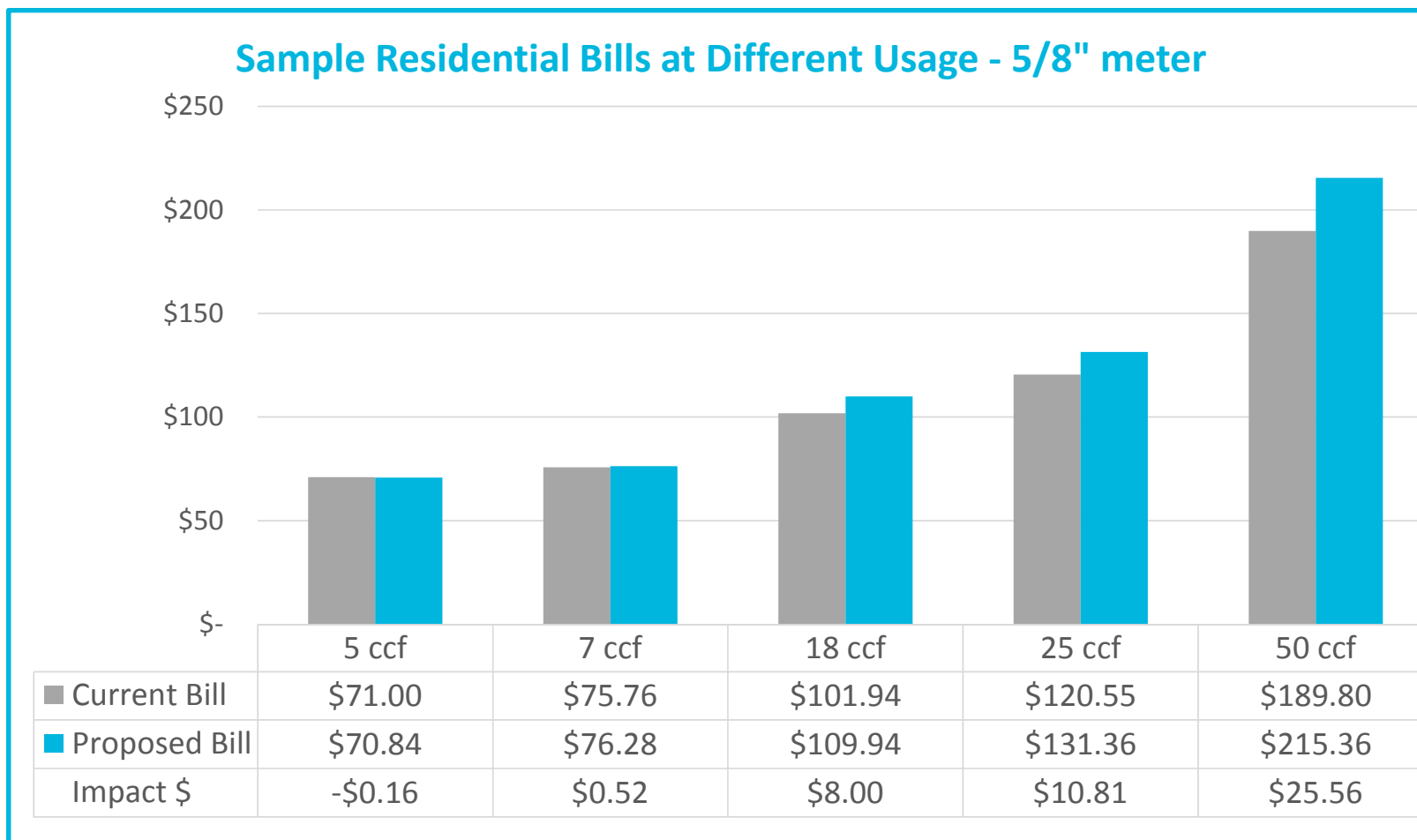


WW – Projected Reserves





SFR Combined Customer Impact



Capacity Fees



Regulatory Requirements

- Capacity Fees **MUST**:
 - Reflect the link between the charge and the benefits received by new customers.
 - Not exceed the proportional share of costs associated with providing service.



Methodologies

- There are 3 industry-accepted approaches:
 1. System Buy-In Method
 - Based on existing Assets
 2. Incremental Cost Method
 - New facilities required to accommodate Growth
 3. Hybrid Method
 - Combination of both components listed above



Proposed Methodology

Utility	Methodology	
	Buy-In	Incremental
Water	✓	✓
Recycled Water	✓	
Wastewater	✓	✓



Proposed Capacity Fees

	Water	Recycled	Wastewater
Buy-In Components:			
System Value (RCLD)	\$36,618,937	\$5,796,739	\$6,931,219
÷ Current Capacity / EUs	5,587	865	1,570,000 gpd
	\$6,554 per EU	\$6,701 per EU	\$4.41 per gpd
Recycled Storage Buy-In:			
Storage Value (RCLD)	\$5,712,127		N/A
÷ Current EUs	6,452		
	\$885 per EU		
Incremental Components:			
Growth-Related Capital Projects	\$6,585,000	N/A	\$5,235,000
÷ Incremental Capacity (gals)	3,000,000 gpd		225,000 gpd
	\$2.20 per gpd		\$23.27 per gpd
x Average SFR Water Demand	650 gpd		
Incremental Capacity Fee	\$1,427 per EU		
Total Proposed Capacity Fee	\$8,866 per EU	\$7,587 per EU	\$27.68 per gpd

Note - Current EU's determined based on AWWA Capacity ratios



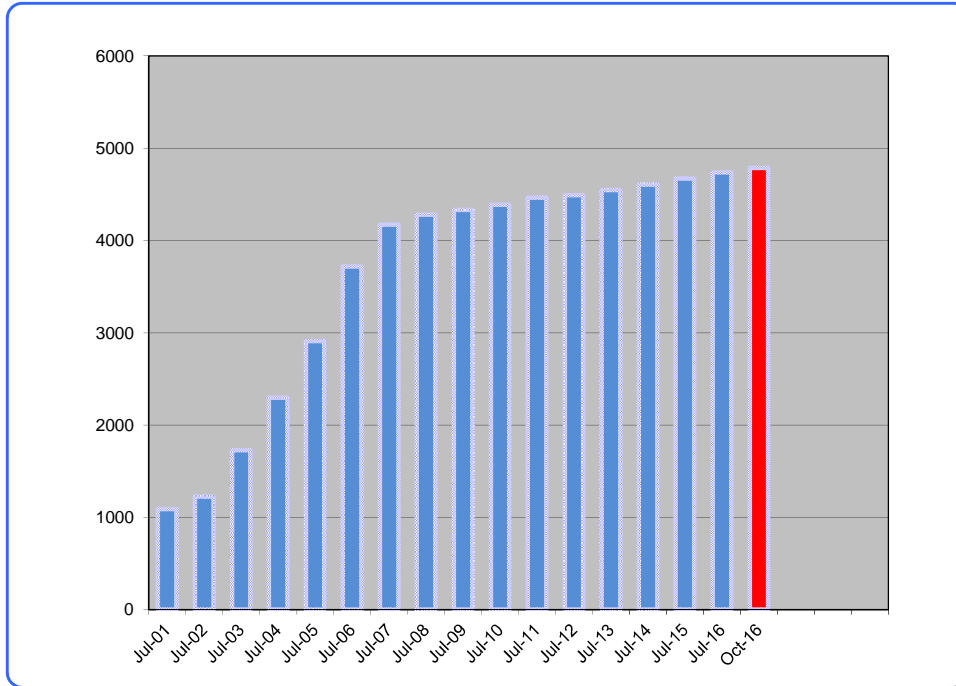
Single Family Residential

- Water Capacity Fee
 - \$8,866
- Wastewater Capacity Fee
 - \$7,197

TEMESCAL VALLEY WATER DISTRICT CUSTOMER COUNT PER YEAR (RESIDENTIAL)

(Excludes SID#1 and SID#2 sewer customers)

DATE	Jul-01	Jul-02	Jul-03	Jul-04	Jul-05	Jul-06	Jul-07	Jul-08	Jul-09	Jul-10	Jul-11	Jul-12	Jul-13	Jul-14	Jul-15	Jul-16	Oct-16
CUSTOMERS	1090	1223	1729	2295	2910	3718	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	4787



RESIDENTIAL	Total Homes	Completed Homes	
Wildrose Ranch	1043	1043	100%
Trilogy at Glen Ivy	1317	1317	100%
Painted Hills	204	204	100%
Canyon Oaks	26	26	100%
Montecito Ranch	305	305	100%
Sycamore Creek	1748	1375	79%
The Retreat	525	517	98%
Toscana Hills	1443	0	0%
	6611	4787	72%

TOTAL CUSTOMER COUNT REPORT
September 30, 2016

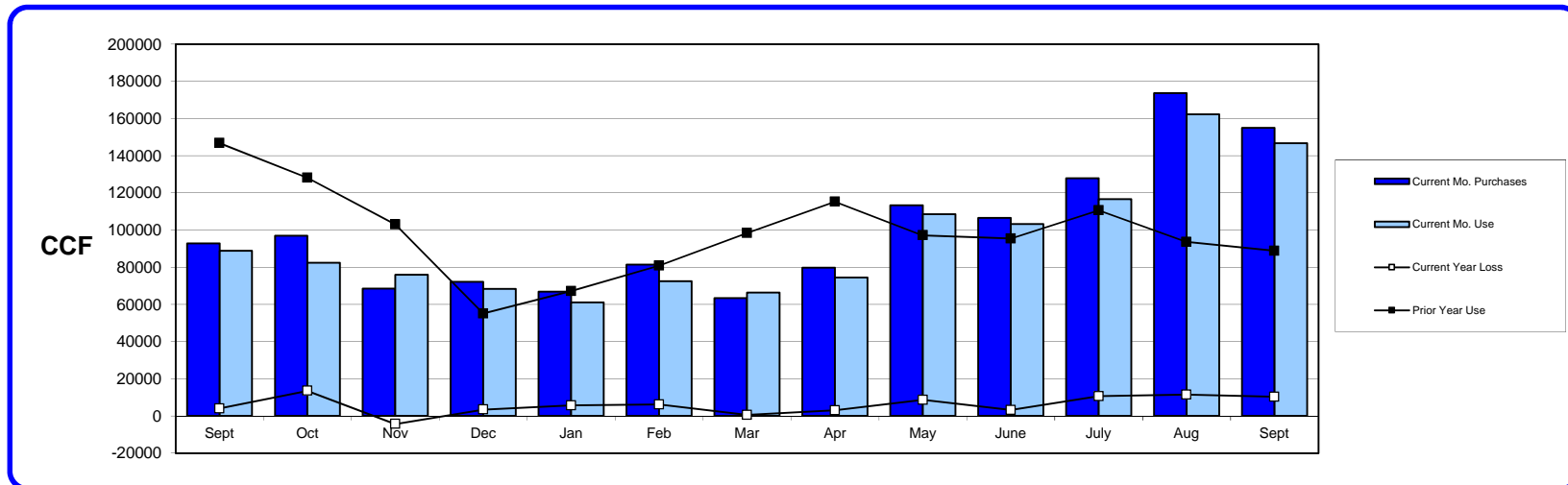
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 27				
Accts closed/transferred 72			Butterfield (305)	
Empty Homes 5			Calif. Meadows (345)	
Residential	4907	2	650	5559
Commercial	86	0	2	88
Commercial-fireheld inactive	41			41
Public Govt	3	1	0	4
Irrigation-Industrial	0	66	0	66
Non-Potable Water other	0	134	0	134
Construction-Bulk Sales	0	7	0	7
Total Active Customers				

DELINQUENT REPORT

Meters Read - Customers Billed	5206	
Received Delinquent Notice on current bill	405	7.78%
Turned Off for lack of payment	19	0.36%
Customers turned back on, amount paid	18	0.35%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	TOTAL
Beg Water Levels	9586	9587	10765	7718	8157	8223	11024	7649	9846	8387	8502	9117	9865	
Ending Water Levels	9587	10765	7718	8157	8223	11024	7649	9846	8387	8502	9117	9865	7982	
Cur Yearly Purchases	92777	96985	68505	72145	66752	81421	63424	79673	113267	106499	127829	173678	154992	1297947
Cur Yr Monthly Use	88794	82309	75904	68282	60973	72419	66313	74479	108426	103216	116641	162272	146618	1226646
Prior Yr Monthly Use	146751	128147	103024	55145	67177	80811	98395	115197	97158	95479	110679	93626	88794	1280383

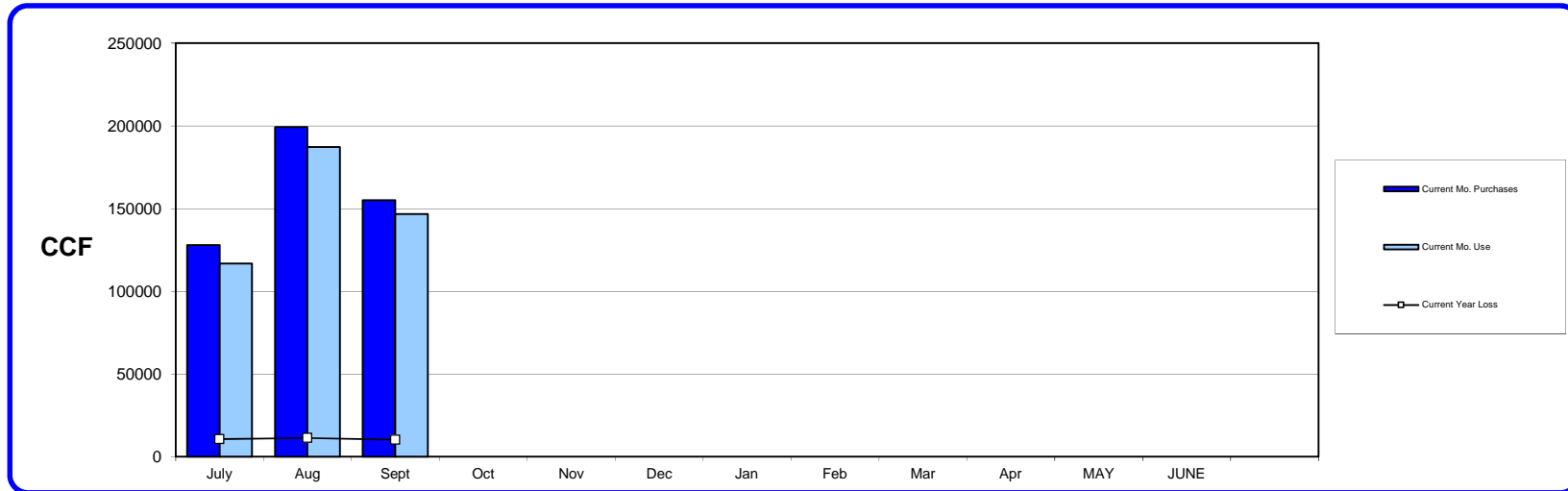


KEY
2014-2015
2015-2016
2016-2017

SUMMARY	CCF
Beginning Water in System	9586 CCF
Water Purchased in last 13 months	1297947 CCF
Water Used in last 13 months	1226646 CCF
Water Remaining in System	7982 CCF
(Loss)/Gain over last 13 months	(72905) CCF
	-5.62%

WATER USAGE REPORT FOR FY 2016-2017

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	TOTAL
Beg Water Levels	8502	9117	9865										
Ending Water Levels	9117	9865	7982										
Cur Yearly Purchases	127829	173678	154992										456499
Cur Yr Monthly Use	116641	162272	146618										425531
GAIN/LOSS (UNITS)	10573	11310	10257										32140

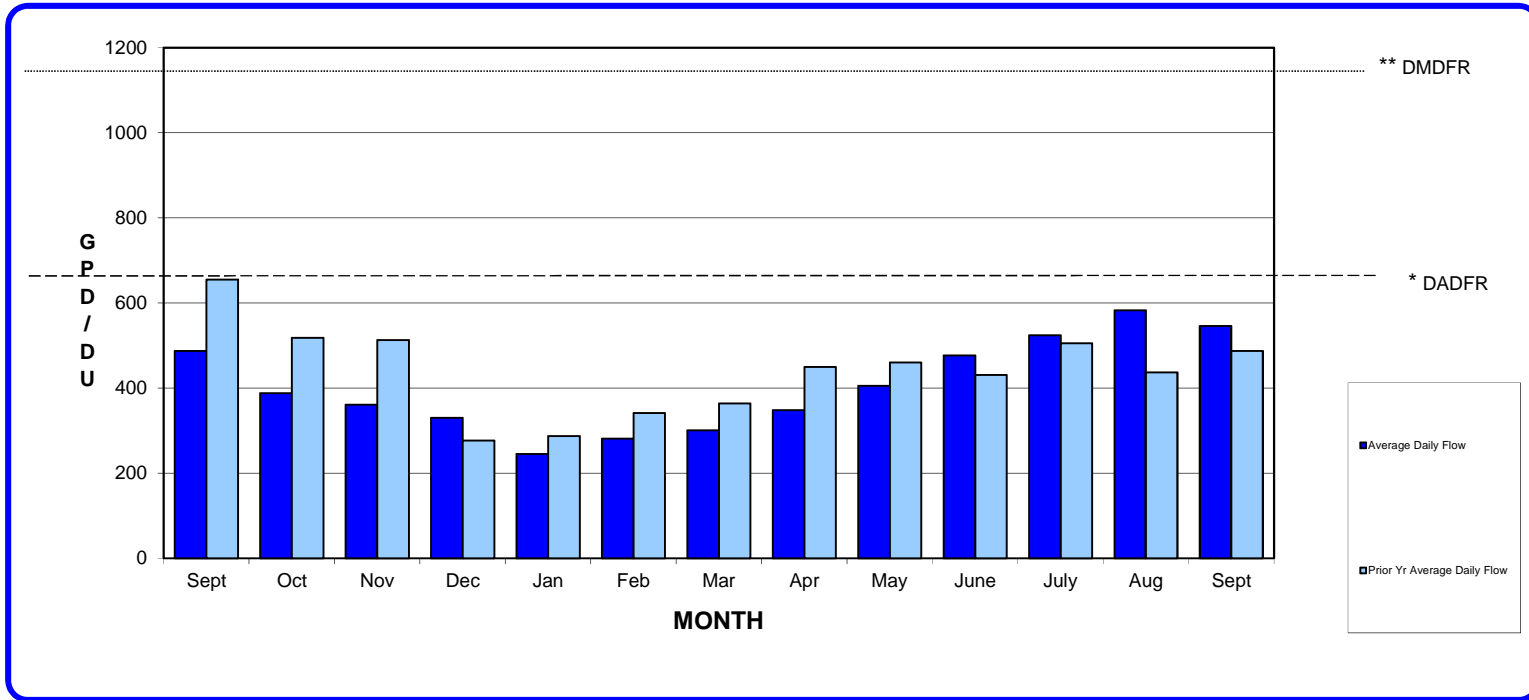


YEAR	%
2014-2015	-5.61
2015-2016	-4.83

SUMMARY		CCF
Beginning Water in System		8502 CCF
Water Purchased		456499 CCF
Water Used		425531 CCF
Water Remaining in System		7982 CCF
(Loss)/Gain FY to date		(31488) CCF
		-6.90%

RESIDENTIAL WATER USAGE AVERAGE DAILY FLOW (GALLONS per DAY per RESIDENTIAL DWELLING UNIT CONNECTED)

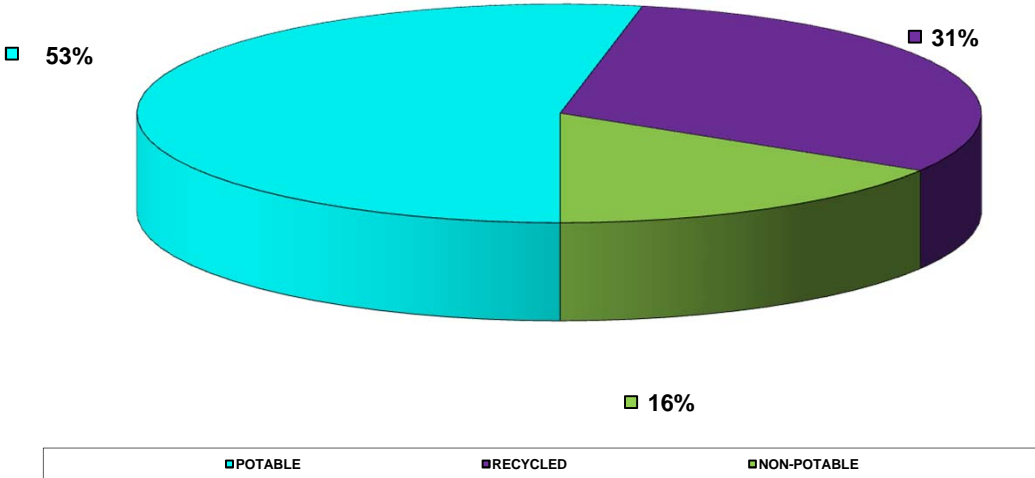
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	YEARLY AVERAGE
Average Daily Flow	487	388	361	330	245	281	301	348	405	477	524	583	546	399
Prior Yr Average Daily Flow	655	518	513	277	287	341	364	450	460	431	505	437	487	423



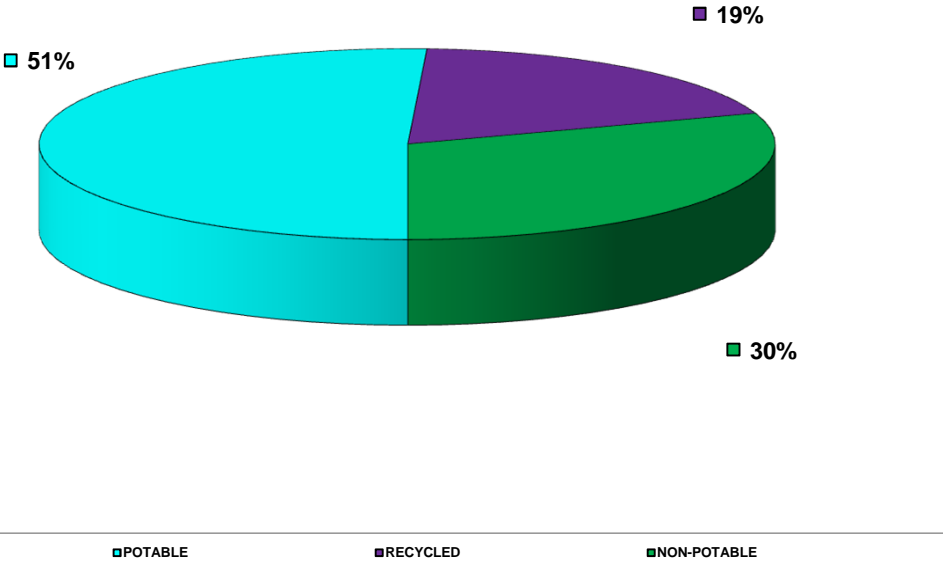
Key
 2014-2015
 2015-2016
 2016-2017

* DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)
 ** DESIGN MAXIMUM DAILY FLOW RATE IN GPD (1140)

Temescal Valley Water District
Volume of Water Sold
For Two Months Ending August 31, 2016
F/Y 2016-2017

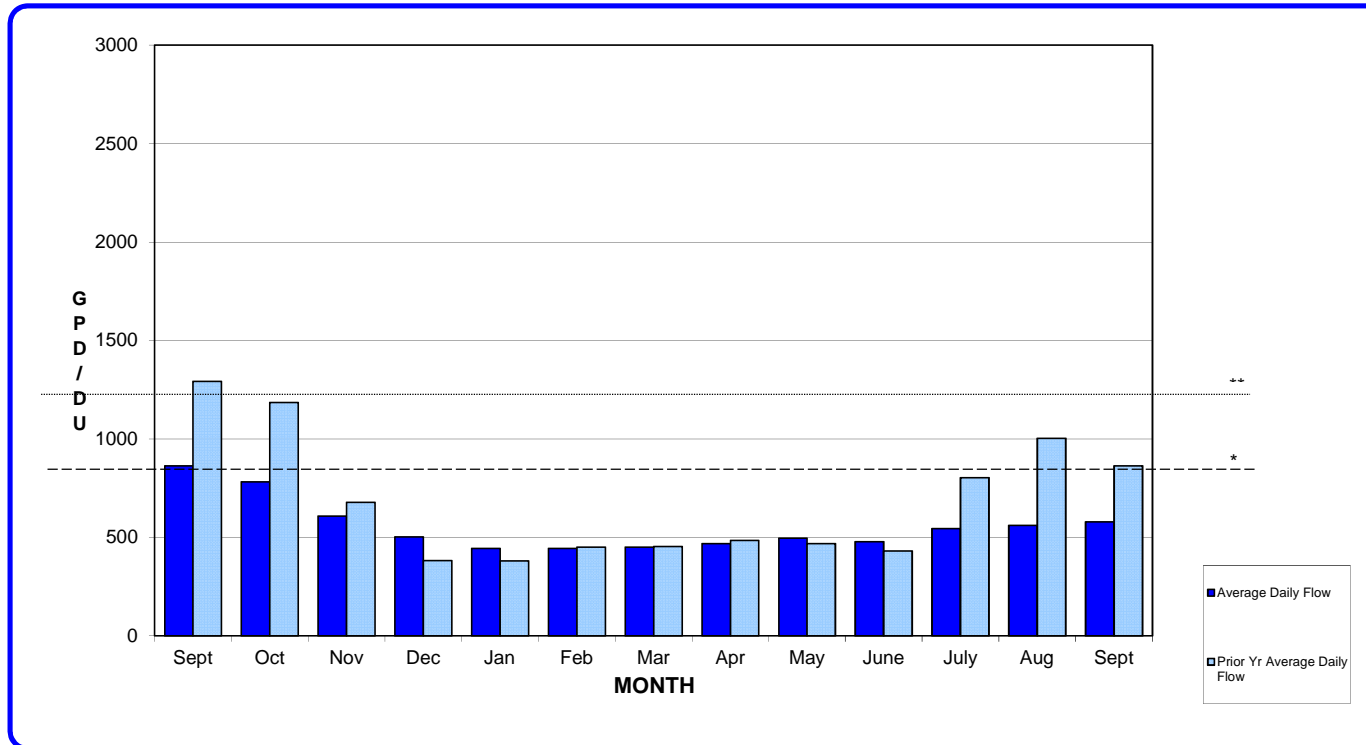


Temescal Valley Water District
Water Volume Sold
For F/Y 2015-2016
Twelve Months



COMMERCIAL WATER USAGE AVERAGE DAILY FLOW (GALLONS per DAY per COMMERCIAL DWELLING UNIT CONNECTED)

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	YEARLY AVERAGE
Average Daily Flow	863	782	608	503	444	444	451	469	496	478	546	561	579	530
Prior Yr Average Daily Flow	1293	1185	679	383	381	451	454	485	469	431	803	1004	863	1084



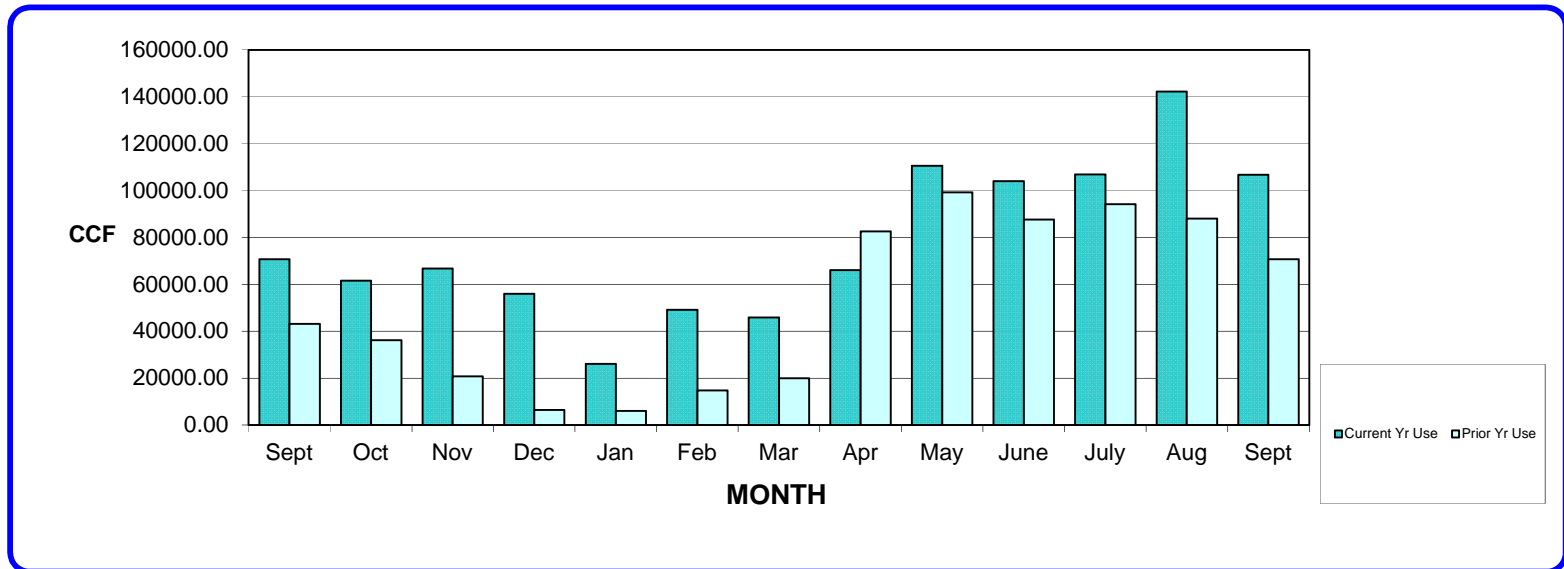
Key
2014-2015
2015-2016
2016-2017

- * DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)
- ** DESIGN MAXIMUM DAILY FLOW RATE IN GPD (1140)

NOTE: EMISSARIES STARTED USING WATER

RECYCLED AND NON-POTABLE WELL WATER MONTHLY FLOW (ccf)

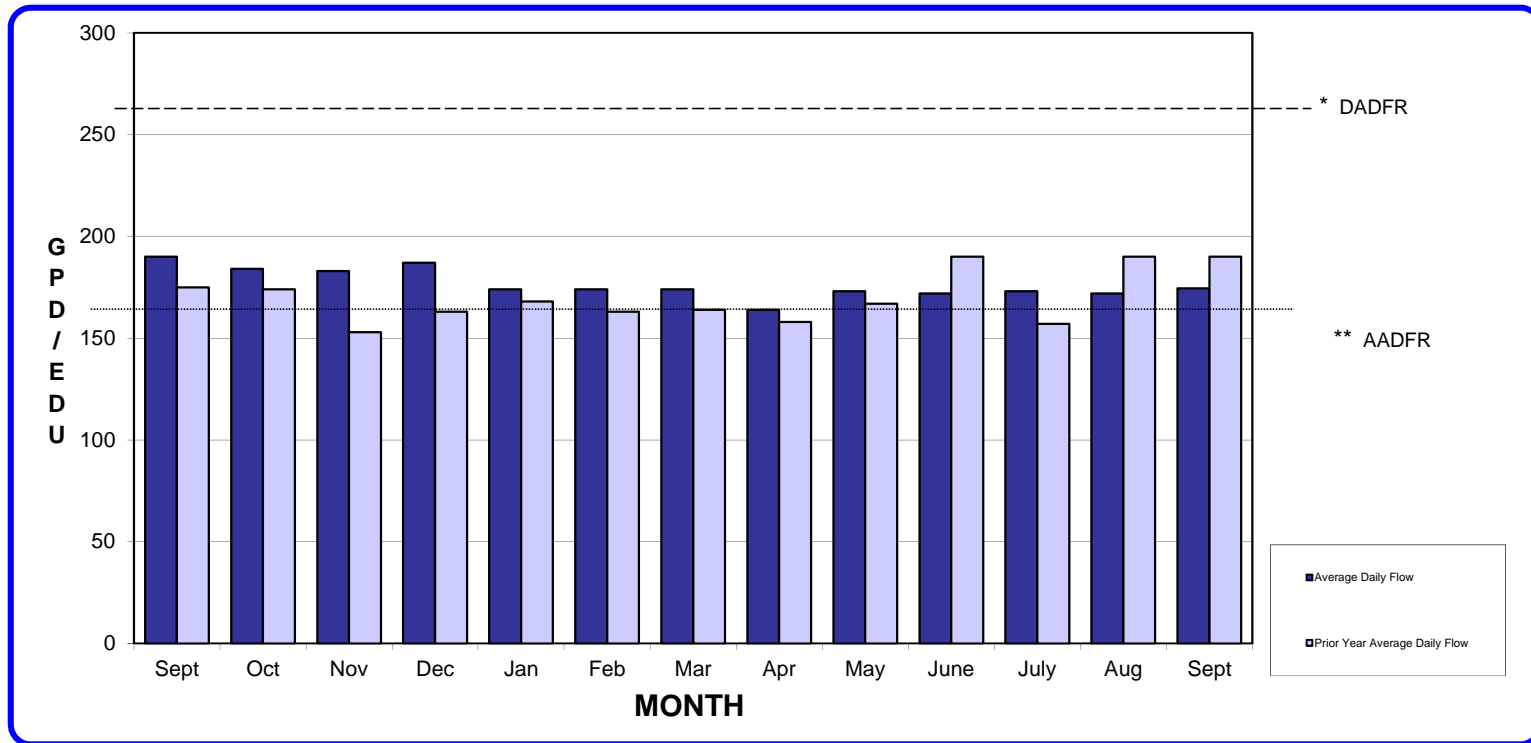
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Current Yr Use	70781.92	61621.08	66739.00	56050.32	26122.81	49169.19	45887.67	66124.51	110560.21	104019.74	106957.12	142210.12	106718.90
Prior Yr Use	43204.53	36215.46	20721.94	6409.58	6042.52	14725.03	19938.46	82604.83	99197.00	87702.00	94170.28	88058.82	70781.92
Revenue	\$122,608	\$106,221	\$112,800	\$94,725	\$44,147	\$84,561	\$77,550	\$77,550	\$190,723	\$179,425	\$183,977	\$240,312	\$184,646



Key
 2014-2015
 2015-2016
 2016-2017

RESIDENTIAL & COMMERCIAL SEWER USAGE AVERAGE DAILY FLOW (GALLONS per DAY per DWELLING UNIT)

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	12-Month Average
Average Daily Flow	190	184	183	187	174	174	174	164	173	172	173	172	175	191
Prior Year Average Daily Flow	175	174	153	163	168	163	164	158	167	190	157	190	190	170



Key
2014-2015
2015-2016
2016-2017

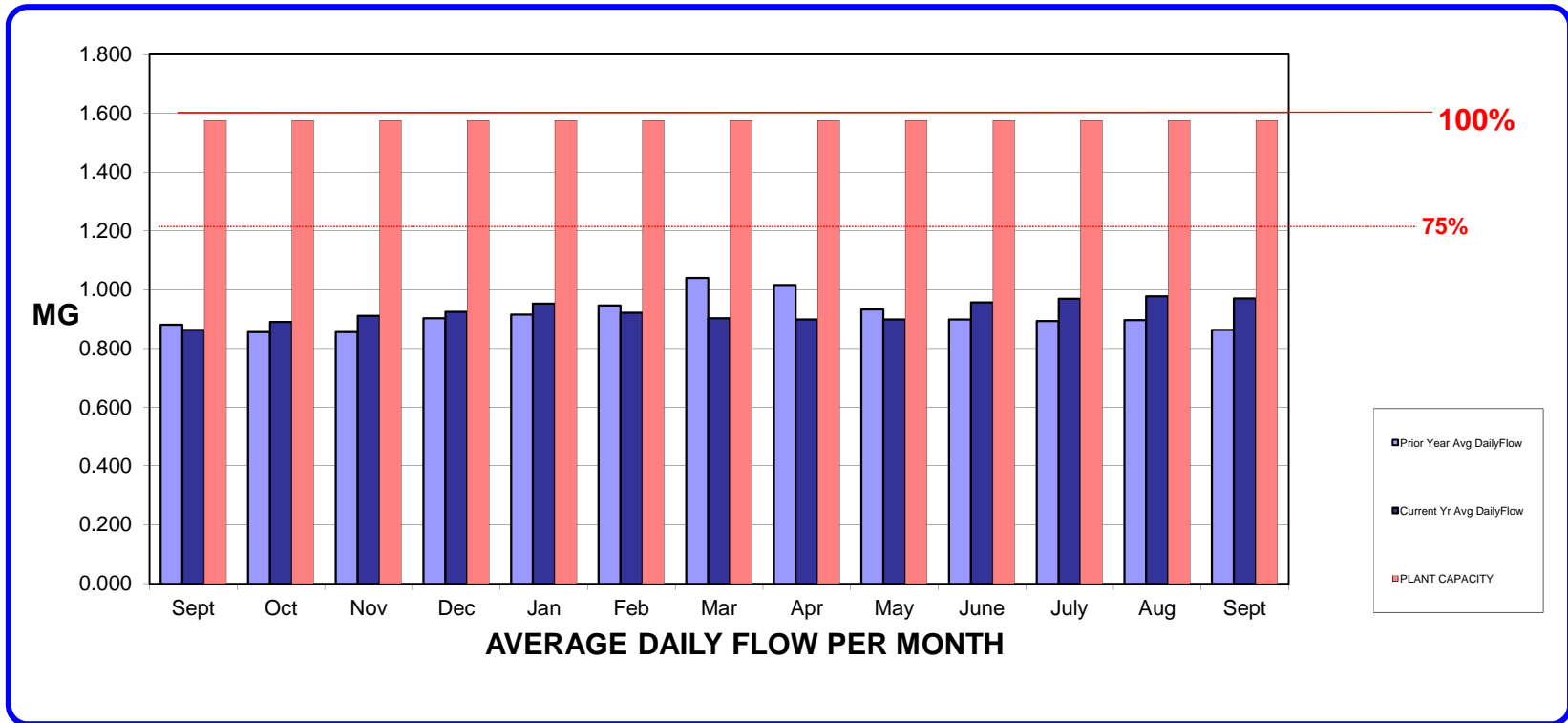
** ACTUAL AVERAGE DAILY FICCF

RECLAMATION PLANT FLOW REPORT

AVERAGE DAILY FLOW (Million Gallons)

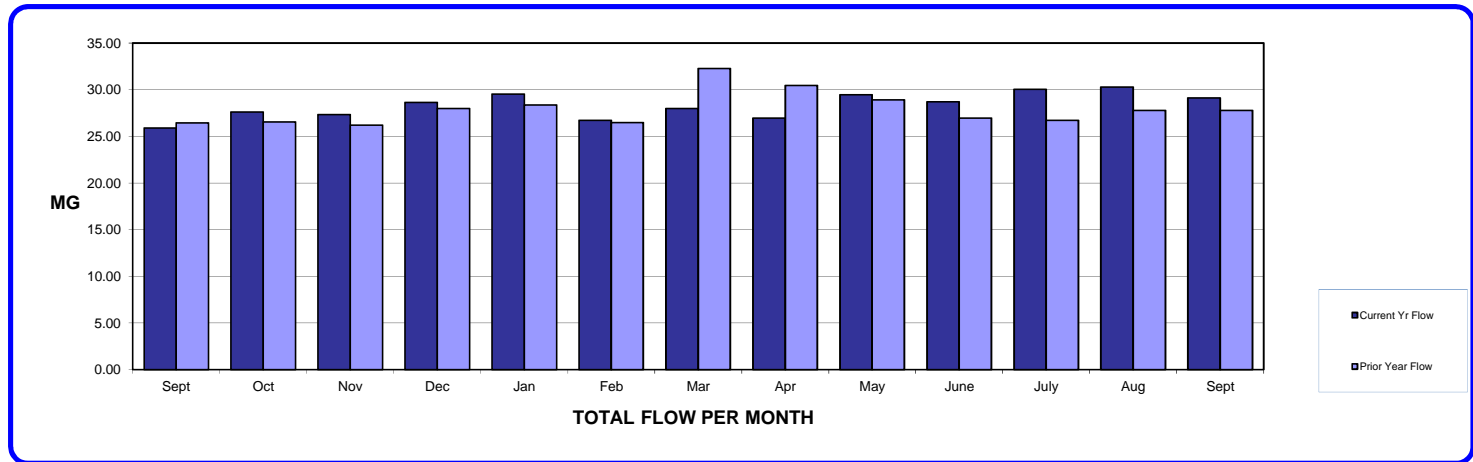
Key	
2013-2014	■
2014-2015	■
2015-2016	■

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Current Yr Avg DailyFlow	0.8630	0.8900	0.9110	0.9240	0.9530	0.9210	0.9030	0.8990	0.8990	0.9570	0.9690	0.9770	0.9700
Prior Year Avg DailyFlow	0.8810	0.8560	0.8560	0.9030	0.9150	0.9460	1.0400	1.0160	0.9330	0.8990	0.8930	0.8960	0.8630
PLANT CAPACITY	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575



RECLAMATION PLANT DISCHARGE REPORT MONTHLY FLOW (Million Gallons)

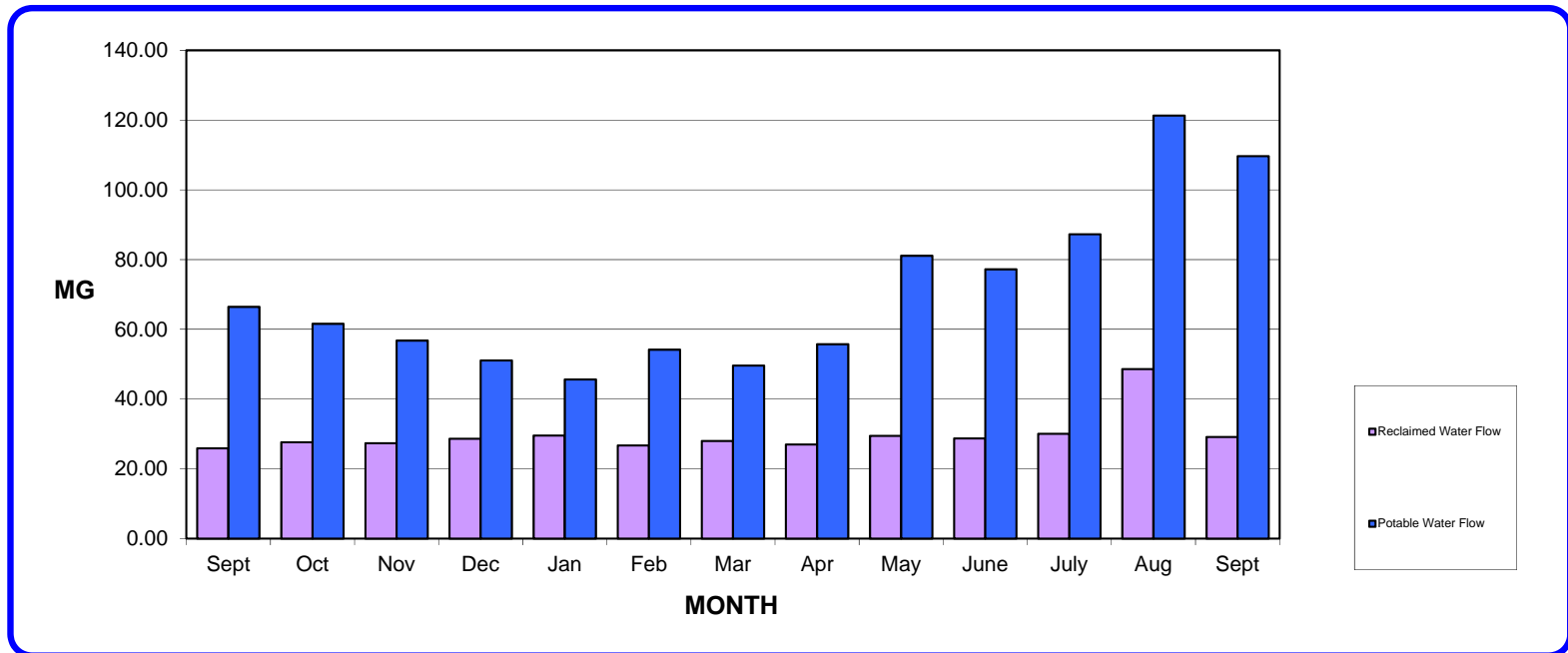
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total/yr
Current Yr Flow	25.88	27.60	27.32	28.64	29.54	26.71	27.99	26.96	29.47	28.70	30.03	30.30	29.11	342.37
Prior Year Flow	26.44	26.55	26.22	27.99	28.35	26.48	32.26	30.47	28.92	26.97	26.72	27.78	27.78	336.49
Potential Revenue	\$58,463	\$62,337	\$61,716	\$64,700	\$66,740	\$84,561	\$63,220	\$60,894	\$66,582	\$64,842	\$67,836	\$68,448	\$65,748	\$797,623
Current Month Revenue	\$44,873	\$38,434	\$20,598	\$11,332	\$18,687	\$55,530	\$56,976	\$60,894	\$66,582	\$64,842	\$67,836	\$68,448	\$65,748	\$595,907
Additional Potential Rev	\$13,590	\$23,903	\$41,118	\$53,368	\$48,052	\$29,031	\$6,245	(\$0)	(\$0)	\$0	(\$0)	(\$0)	\$0	\$201,717



Key
 2014-2015
 2015-2016
 2016-2017

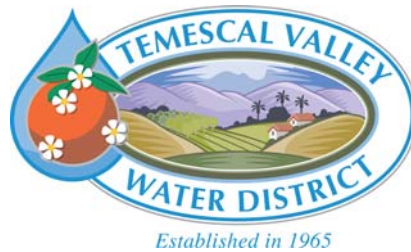
RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
No. of Sewer Dwelling Units Connected	5429	5430	5457	5471	5470	5480	5493	5492	5513	5507	5515	5541	5559
Reclaimed Water Flow	25.88	27.60	27.32	28.64	29.54	26.71	27.99	26.96	29.47	28.70	30.03	48.60	29.11
Potable Water Flow	66.42	61.57	56.78	51.08	45.61	54.17	49.60	55.71	81.10	77.21	87.25	121.30	109.67



Month	AVG								TOTAL		
	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Avg All Resid	IND-BK / IRR	RECYCLED	NON POTABLE	GOLF
AVG '07-'08	18.1	32.7	15.9	32.2	21.7	37.1	25.9	106.6			
	24.6	33.8	17.0	33.3	32.6	40.8	25.4	53.3			
AVG '09-'10	21.9	30.0	15.8	30.2	26.3	38.0	23.0	51.7			
AVG '10-'11	20.6	27.6	15.5	25.8	25.1	35.2	22.3	36.0			
AVG '11-'12	21.0	27.9	15.9	27.3	24.7	34.0	22.5	82.3			
AVG '12-'13	21.9	31.3	15.6	27.5	23.6	30.5	22.9	190.0			
AVG '13-'14	22.5	33.8	16.5	28.2	24.5	30.6	23.0	9.8			
AVG '14-'15	20.7	28.4	15.4	26.8	21.9	28.2	21.2	62.8			
AVG '15-'16	17.4	21.3	10.6	22.4	16.9	24.3	16.5	105.4	38,401.9	4,639.1	18,977.2
Jul-16	22.5	32.8	15.4	33.2	21.7	32.9	22.6	184.1	63,548.0	4,607.5	36,728.0
Aug-16	28.5	42.5	28.2	42.2	27.1	43.1	31.1	375.7	76,504.9	2,689.2	17,143.1
Sep-16	28.5	42.5	39.1	42.2	27.1	43.1	31.1	375.7	60,099.0	31,347.0	15,211.0
Oct-16											
Nov-16											
Dec-16											
Jan-17											
Feb-17											
Mar-17											
Apr-17											
May-17											
Jun-17											
AVG '16-'17											

AMOUNTS IN UNITS (CCF) (ONE UNIT = 748 GALS.)



October 19, 2016

Board of Directors
Temescal Valley Water District

RE: General Manager's Report

Dear Board:

The following is a brief status report on a number of issues that I have been involved in since the last meeting.

- Working on non-potable water supply improvements
 - New Sump Well – Pipeline and Well improvements – **In and operational**
 - Perk Pond Reuse Piping – **In and operational**
 - New Foster NP Well – **In Service**
- Working on Conservation opportunities and RW conversion locations -
- Working with Land Developers on water and sewer fees for multiple infill projects.
 - Deleo adjacent to Tom's Farms – **No Activity**
 - Forest Boundary – Plan Checking design plans - **Signed**
 - Retreat Infill – **Kiley Court**
 - Temescal Canyon Road at Campbell Ranch Road – **No Activity**
 - Kiley Family Trust Property – **Tract Map Stage**
- In Construction of TWC Retrofits
 - Park Canyon Drive RW line - **Design**
- Terramor CFD
- Terramor Review:
 - New sewer lift station – **In Construction**
 - Percolation area – **In Design**
 - RW and Potable Tank Siting – **In Design**
- Terramor Onsite Water, Sewer and RW improvements
 - 1320 Water line - **In Construction**
 - 1509 Water line - **In Construction**
 - Back Bone Gravity Sewer – **In Construction**
 - Potable Water Booster Upgrade – **In Construction**
 - RW Water - **In Construction**
- Sycamore Creek:
 - TM 36317 Water Sewer and RW improvement plans
 - TM 36317 Potable Booster

Temescal Valley Water District

22646 Temescal Canyon Road | Temescal Valley, CA 92883-4106 | tel: 951.277.1414 | fax: 951.277.1419

www.temescalvwd.com

TEMESCAL VALLEY WATER DISTRICT
POTABLE WATER USAGE
SWRCB TRACKING

Residential Delivery 80.00%
4543 Population 15543 3.421307506

Residential Delivery 80.00%
Population 15543

	2013(units)	Gallons	Residential	GPCD	2014(units)	Gallons	Residential	GPCD	2015(units)	2016(units)	Gallons	Residential	GPCD	2013vs2016
JAN	68,183	51,000,884	40,800,707	88	93,331	69,811,588	55,849,270	120		60,293	45,099,164	36,079,331	77.4	-12%
FEB	66,442	49,698,616	39,758,893	85	86,491	64,695,118	51,756,095	111		71,503	53,484,244	42,787,395	91.8	8%
MARCH	89,195	66,717,860	53,374,288	114	77,975	58,325,465	46,660,372	100		61,941	46,331,868	37,065,494	79.5	-31%
APRIL	102,118	76,384,264	61,107,411	131	106,038	79,316,589	63,453,271	136		72,681	54,365,201	43,492,161	93.3	-29%
MAY	114,784	85,858,432	68,686,746	147	129,708	97,021,345	77,617,076	166		105,395	78,835,460	63,068,368	135.3	-8%
JUNE	147,102	110,032,296	88,025,837	189	129,019	96,506,055	77,204,844	166		100,887	75,463,476	60,370,781	129.5	-31%
JULY	155,550	116,351,400	93,081,120	200	134,355	100,497,652	80,398,122	172		113,843	85,154,564	68,123,651	146.1	-27%
AUG	155,221	116,105,308	92,884,246	199	131,877	98,644,033	78,915,227	169		156,629	117,158,492	93,726,794	201.0	1%
SEPT	143,899	107,636,452	86,109,162	185	146,670	109,709,407	87,767,525	188		124,044	92,784,912	74,227,930	159.2	-14%
OCT	105,745	79,097,260	63,277,808	136	128,088	95,809,644	76,647,716	164	80,948		60,549,104	48,439,283	103.9	-23%
NOV	99,180	74,186,640	59,349,312	127	102,950	77,006,697	61,605,358	132	74,612		55,809,507	44,647,605	95.8	-25%
DEC	59,809	44,737,132	35,789,706	77	55,020	41,154,691	32,923,753	71	67,432		50,439,136	40,351,309	86.5	13%

Yearly	1,307,228.00	Units			1,321,521.77	Units			695,691.39	Units				
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3,000.98 ACFT

3,033.80 ACFT

1,597.09 ACFT

Sum of Residential Water
SWRCB Water Year ending May 31, 2013

782,245,235

790,798,627

Sum of Residential Water
SWRCB Water Year ending July 31, 2016

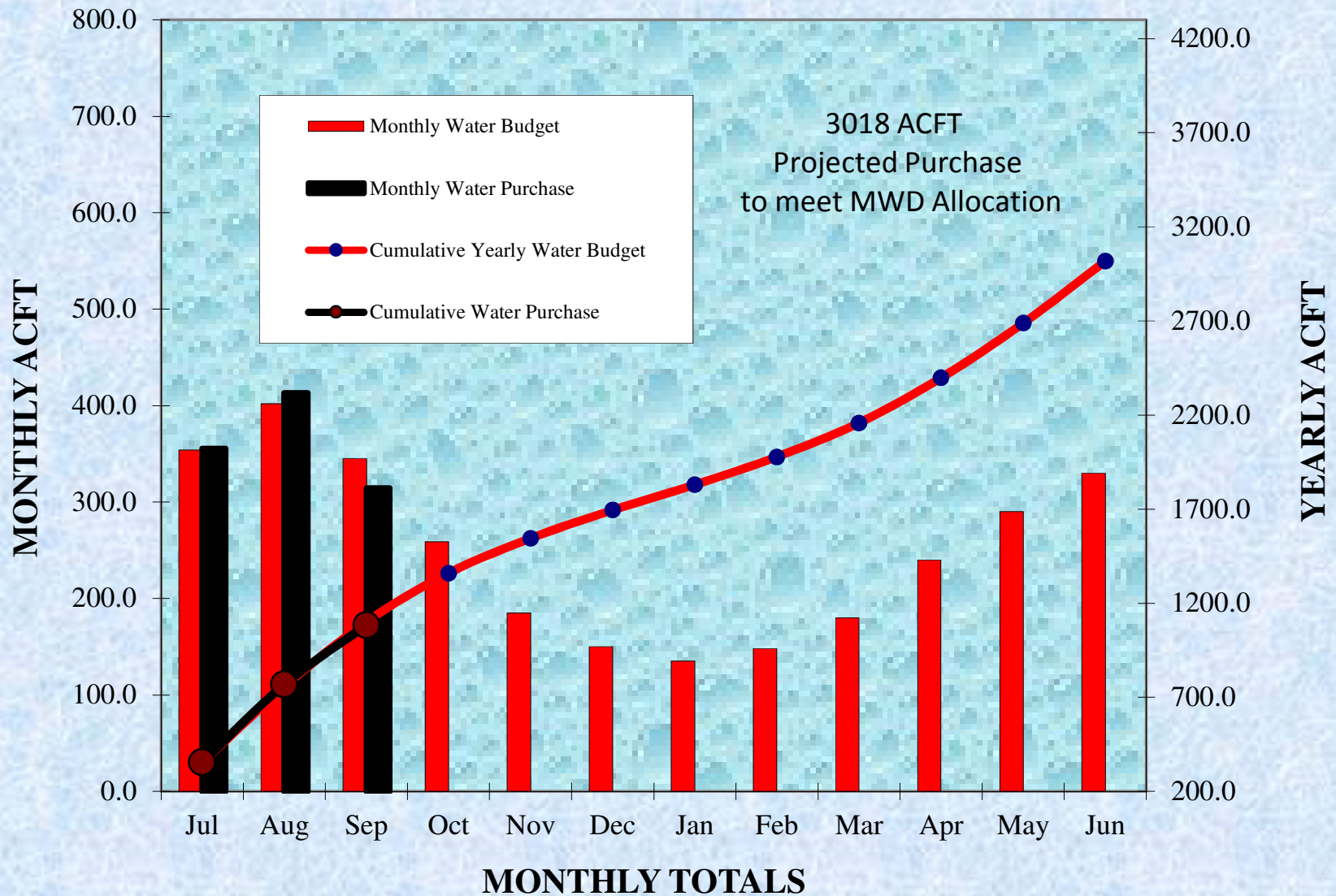
652,380,102

SWRCB AVG SAVINGS -16.60%

WHOLESALE BUDGET vs PURCHASE

Water Year July 2016 through June 2017

3018 ACFT ALLOCATION



October 20, 2016

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – September 2016

Dear Board Members:

Temescal Valley Water District operations personnel perform the following tasks on a regular and routine basis:

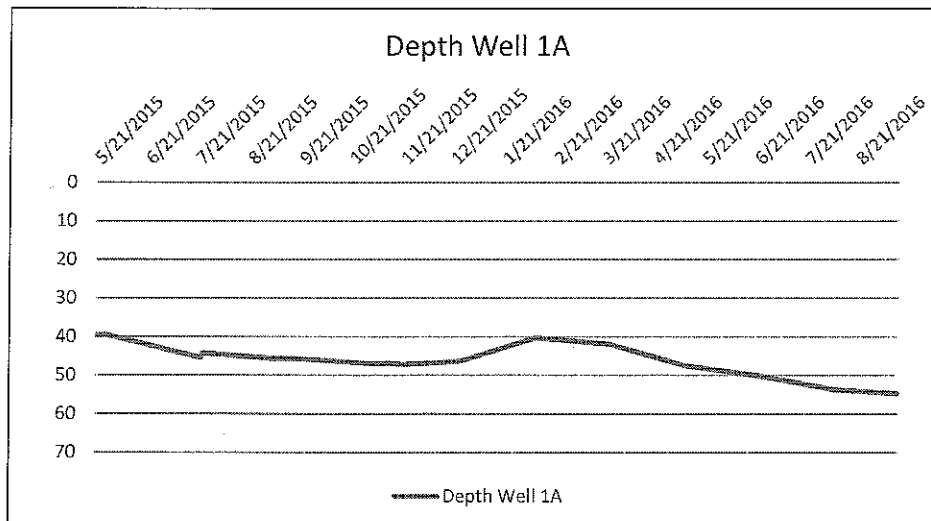
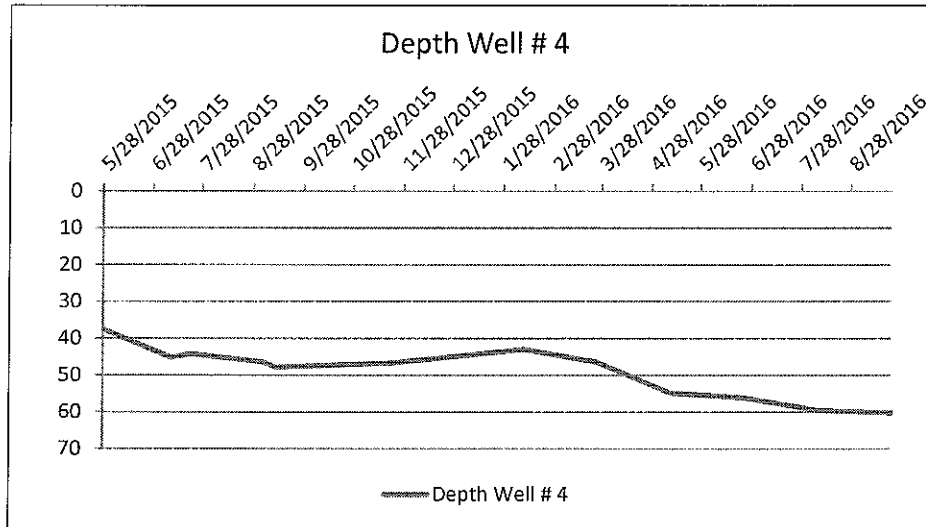
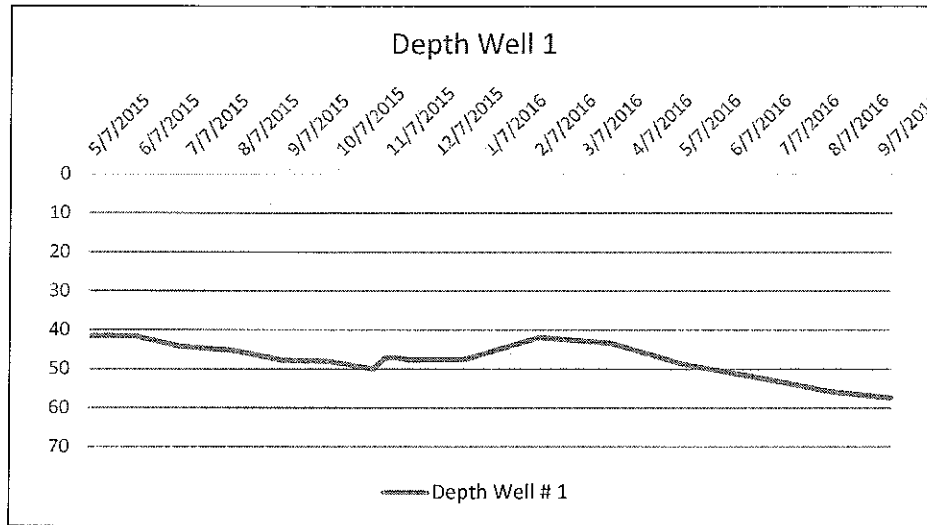
- Managed 355.81 acre-feet of water through system.
- Collected monthly potable water samples. We are now collecting four samples per week as required by the State Water Resources Control Board, Division of Drinking Water.
- Submitted monthly report to the Regional Water Quality Control Board for:
 - Temescal Valley Wastewater Reclamation Facility
- Submitted monthly report to the State Water Resources Control Board, Division of Drinking Water for TVWD distribution system monitoring
- Read 5206 water meters
- Maintained aesthetic appearance of all District facilities
- 12 shut-offs
- Responded 177 service calls
- Installed 15 meters for the various developers
- Responded to 26 USA Dig Alerts to mark District underground utilities.

In addition to the above regular and routine tasks we also performed the following operational tasks.

- Well #4 is back on line with new pump installed.
- Influent EQ basin pump #1 has been removed for overhaul. Damage a result of a seal failure.
- Influent pump #5 has failed and is scheduled for removal and repair. Pump is at shop awaiting parts to complete overhaul.
- Overflow storage basin (north end of IVWRF) is completely empty. Awaiting design of modifications. Currently receiving bids.
- Submitted September report to the State Water Resources Control Board via CWIQS.

Sincerely,

Kenneth R. Caldwell, Operations Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: October 18, 2016
To: Jeff Pape, General Manager
From: Neil A. Harper, District Engineer
Subject: Engineering Activities Update for the Month of September 2016

Following is a summary of the status of current engineering projects:

PLAN CHECKING & DEVELOPER RELATED PROJECTS

Terramor Water, Sewer, & RW Improvements In-Tract Backbone (8432) – No engineering activity this month.

Terramor Water, Sewer, & RW Improvements In-Tract Laterals (8773) – No engineering activity this month.

Terramor Regional Sewer LS (8957) – No engineering activity this month.

Forest Boundary Tract 35249 (9351) – No engineering activity this month.

TVWD Water Reclamation Facility Expansion (9830) – Continue plan check with review of PDR and 30% plans.

CAPITAL IMPROVEMENT PROJECTS

None Currently.

AS-NEEDED ENGINEERING SERVICES

General Engineering Initiated During FY 2016/17 (1401-16XX)

Phase 1603: Wastewater Related Services for FY 2016/17. Work on pump station design for percolation pond.

Phase 1604: Potable Water Related Services for FY 2016/17. Prepare District Engineer's report and attend monthly board meeting.

Phase 1605: Non-Potable Water Related Services for FY 2016/17. No engineering activity this month.

Phase 1606: Wastewater Mapping Updates for FY 2016/17. No engineering activity this month.

Phase 1607: Potable Water Mapping Updates for FY 2016/17. No engineering activity this month.