

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
AUGUST 23, 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 August 20, 2016.

Allison Harnden, Office Manager

**AGENDA FOR REGULAR MEETING
August 23, 2016**

Page No.

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

BOARD ITEMS:

4. **Minutes of the July 19, 2016 Regular Meeting.** **6-11**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **12-15**
RECOMMENDATION: Approve Report and authorize payment of the July 19-August 23, 2016 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).**
 - a. **Revenue & Expenditure Reports.** **16-34**
RECOMMENDATION: Note and file.
 - b. **Lien update.** **35**
RECOMMENDATION: Note and file.
7. **Trilogy Development.**
 - a. **Homeowners Association update.** **(-)**
 - b. **Golf Course update.** **(-)**
8. **Sycamore Creek Development.**
 - a. **Project Update.** **(-)**
 - b. **1738 homes to be built. 1348 houses occupied to date. 78% complete.**

	<u>Page No.</u>
9. Terramor Development (Forestar Toscana).	
a. Project Update.	(-)
b. 1443 estimated houses to be built.	
10. Water Utilization Reports.	36-48
RECOMMENDATION: Note and file.	
11. Committee Reports.	
a. Finance (Director Rodriguez).	
1. Raftelis Rate Study.	(-)
b. Engineering (Director Destache).	(-)
c. Public Relations (Allison Harnden).	(-)
12. General Manager's Report.	
a. General Manager's Report.	49
1. SWRCB Update.	50-55
2. SGMA Update.	56-65
b. Operations Report.	66-67
13. District Engineer's Report.	68
a. Status of Projects.	
14. District Counsel's Report.	(-)
15. Seminars/Workshops.	(-)
16. Consideration of Correspondence.	69
An informational package containing copies of all pertinent correspondence for the Month of July will be distributed to each Director along with the Agenda.	

17. Adjournment.

(-)

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

July 19, 2016

PRESENT

C. Colladay
P. Rodriguez
G. Destache
J. Butler

ABSENT

D. De Frates

GUESTS

J. Niccoli
B. Graham
G. Lynkiewicz
M. Corral
A. Petitjean
J. Sincich
J. Watson
T. Davis

STAFF

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

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 June 28, 2016 Regular Meeting.

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

Genny Lynkiewicz from Chandler Asset Management presented the Investment Report for period ending 6/30/16.

5. Payment Authorization Report.

ACTION: Director Rodriguez moved to approve the financial report and to authorize payment of the June 28-July 19, 2016 invoices with the addition of the Western Municipal Water District check in the amount of \$286,198.33. Director Destache seconded. Motion carried unanimously.

The Board asked staff to prepare a vehicle fleet list.

6. Annual Meeting of the TVWD Financing Corporation.

- I. Call to order – President Colladay called the meeting to order at 9:06 am.
 - II. Report on status of projects – None.
 - III. Approval of July 21, 2015 meeting minutes – Director Rodriguez moved to approve the minutes as presented. Director Destache seconded. Motion carried unanimously.
 - IV. Appointment of new officers – Director Destache moved to maintain the current position of officers. Director Butler seconded. Motion carried unanimously.
 - V. Public Comment – None.
 - VI. Other Business – None.
 - VII. Adjournment – President Colladay adjourned the meeting at 9:08 am.
- 7. Public Hearing on changes to TVWD Rules & Regulations, Section 39 District Water Conservation Program.**
- a. Open Public Hearing – President Colladay opened the Public Hearing at 9:08 am.
 - b. Public Comment – James Niccoli from First Service Residential (Trilogy) asked about runoff control. Jerry Sincich, resident of Sycamore Creek asked about the differences in policies.
 - c. Discussion on changes to Section 39.03 Determination and Declaration by General Manager of Water Supply Conditions.
 - d. Close Public Hearing – President Colladay closed the Public Hearing at 9:16 am.
 - e. Resolution No. R-16-02 Modifying Rules and Regulations.
ACTION: Director Butler moved to Adopt Resolution No. R-16-02. Director Destache seconded. Motion carried unanimously.
- 8. Public Hearing on FY 2016/17 Budget for CFD's 1, 2 & 3 and Fees & Charges to be collected on the General Tax Roll.**
- a. Open Public Hearing – President Colladay opened the Public Hearing at 9:22 am.
 - b. Public Comment – Jerry Sincich, resident of Sycamore Creek inquired about max tax for Sycamore.
 - c. Discussion on budgets, fees and charges.
 - d. Close Public Hearing – President Colladay closed the Public Hearing at 9:25 am.
 - e. Resolution No. R-16-03 Adopting the Report Regarding Water and Sewer Service Standby Charges for FY 2016/2017 to be collected on the tax roll.
ACTION: Director Destache moved to Adopt Resolution No. R-16-03. Director Butler seconded. Motion carried unanimously.

- f. Resolution No. R-16-04 Adopting Current Standby Rate Schedule for Fiscal Year 2016/2017.

ACTION: Director Rodriguez moved to Adopt Resolution No. R-16-04. Director Destache seconded. Motion carried unanimously.

- g. Resolution No. R-16-05 Adopting the FY 2016/2017 budgets as presented for CFD's 1, 2 & 3.

ACTION: Director Rodriguez moved to Adopt Resolution No. R-16-05 with an adjustment from 5% to a 10% surplus credit to be applied to the levy for CFD #2 per the District policy. Director Butler seconded. Motion carried unanimously.

- h. Resolution No. R-16-06 Levying a Charge for the Payment of Maintenance and Operation Expenses for Sewer Treatment Plant Serving Sewer Improvement District No. 1 for FY 2016/2017.

ACTION: Director Butler moved to Adopt Resolution No. R-16-06. Director Destache seconded. Motion carried unanimously.

- i. Resolution No. R-16-07 Levying a Charge for the Payment of Maintenance and Operation Expenses for Sewer Treatment Plant Serving Sewer Improvement District No. 2 for FY 2016/2017.

ACTION: Director Destache moved to Adopt Resolution No. R-16-07. Director Butler seconded. Motion carried unanimously.

- j. Resolution No. R-16-08 Authorizing the Levy of Special Taxes for CFD No. 1, Sycamore Creek, for Fiscal Year 2016/2017.

ACTION: Director Rodriguez moved to Adopt Resolution No. R-16-08. Director Butler seconded. Motion carried unanimously.

- k. Resolution No. R-16-09 Authorizing the Levy of Special Taxes for CFD No. 2, Montecito Ranch, for Fiscal Year 2016/2017.

ACTION: Director Rodriguez moved to Adopt Resolution No. R-16-05 with an adjustment from 5% to a 10% surplus credit to be applied to the levy for CFD #2 per the District policy. Director Destache seconded. Motion carried unanimously.

- l. Resolution No. R-16-10 Authorizing the Levy of Special Taxes for CFD No. 3, The Retreat, for Fiscal Year 2016/2017.

ACTION: Director Destache moved to Adopt Resolution No. R-16-10. Director Butler seconded. Motion carried unanimously.

9. Biennial Review of District Conflict of Interest Code Reviewing Designation of Employees Required to File Annual Disclosure Statements.

ACTION: Director Destache moved to re-affirm existing Conflict of Interest Policy. Director Rodriguez seconded. Motion carried unanimously.

10. California Association of Mutual Water Companies Joint Powers Risk and Insurance Management Authority Agreement.

ACTION: This item was tabled until the next meeting.

11. Revenue & Expenditure Reports (Unaudited).

a. Revenue & Expenditure Report.

ACTION: Note and file.

b. Bad Debt Write-off.

ACTION: Director Rodriguez moved to authorize the write-off of \$3,175.20 in delinquent accounts. Director Butler seconded. Motion carried unanimously.

12. Trilogy Development.

a. Homeowners Association update.

b. Golf Course update.

13. Sycamore Creek Development.

a. Project Update.

b. 1738 homes to be built. 1318 houses occupied to date. 76% complete.

14. Terramor Development (Forestar Toscana).

a. Project Update – Andy Petitjean reported that they continue to work on rough grading and have a lot of facilities out to bid. They are anticipating a Grand Opening in the spring of 2017, they have a marketing program underway, have formed the HOA and hired the property manager.

b. 1443 estimated houses to be built.

15. Water Utilization Reports.

ACTION: Note and file.

16. Committee Reports.

a. Finance (Director Rodriguez) – Director Rodriguez asked staff to schedule a finance committee meeting for next month to review the JPA.

b. Engineering (Director Destache).

- c. Public Relations (Allison Harnden) – Allison reported that the annual water quality report was mailed, and she reminded the Board of the upcoming Terramor BBQ.

17. General Manager's Report.

- a. General Manager's Report.
 - 1. SWRCB Update.

- b. Retreat Recycled Water Pumping Costs for 2015.

ACTION: Director Rodriguez moved to authorize and fund \$4,377.13 in RW pumping costs. Director Destache seconded. Motion carried unanimously.

- c. Operations Report.

18. District Engineer's Report.

- a. Status of Projects.

19. District Counsel's Report.

20. Seminars/Workshops.

Director Destache asked staff to register him for the 2016 CSDA Annual Conference in San Diego.

21. Consideration of Correspondence.

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

22. Adjournment.

There being no further business, the July 19, 2016 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 10:43 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT

Payment Authorization Report

Aug 23, 2016

Check #	Date	Payee ID	Payee	Amount	
18321	7/16/16		VOID	-	
18322	7/16/16	JH	PAYROLL	-	
18323	7/18/16	MH01	MCFADDEN-DALE HARDWARE CO.	14.03	
18324	7/18/16	UBB	USA BLUEBOOK	1,437.76	
18325	7/18/16	WE01	WMWD - APPROVED LAST MONTH	-	
18326	7/18/16		VOID	-	
18327	7/19/16	CO	CHARLES W. COLLADAY	202.52	
18328	7/19/16	DES	GRANT DESTACHE	202.52	
18329	7/19/16	JB	JOHN B. BUTLER	147.82	
18330	7/19/16	RO	PAUL RODRIGUEZ	147.82	
18331	7/19/16		CHAMPION CLUB AT THE RETREAT	4,377.13	PUMPING CHARGE
18332	7/20/16	EL	EDUARDO LOPEZ-TRK MAINT	80.00	
18333	7/20/16	GM	GLEN MUNCY (INSPECTION)	4,887.00	
18334	7/22/16	ACJS	MIKE ARAGON MAINTENANCE	300.00	
18335	7/22/16	BL02	BLUE SHIELD OF CALIFORNIA	108.61	
18336	7/22/16	SA02	SAM'S CLUB	264.40	
18337	7/22/16	DO01	DOWNS OIL CO., INC.	142.27	
18338	7/29/16	AD	PAYROLL	-	
18339	7/29/16	AS	PAYROLL	-	
18340	7/29/16	BE	PAYROLL	-	
18341	7/29/16	CC	PAYROLL	-	
18342	7/29/16	CG	PAYROLL	-	
18343	7/29/16	CL	PAYROLL	-	
18344	7/29/16	JH	PAYROLL	-	
18345	7/29/16	KC	PAYROLL	-	
18346	7/29/16	KN	PAYROLL	-	
18347	7/29/16	MM	PAYROLL	-	
18348	7/29/16	BE	PAYROLL	-	
18349	7/29/16	JH	PAYROLL	-	
18350	7/29/16	JH	PAYROLL	-	
18351	7/29/16	SWRCB	STATE WATER RESOURCES CONTROL BOARD	300.00	
18352	8/2/16		VOID	-	
18353	8/2/16	SCNG	SOUTHERN CALIFORNIA NEWS GROUP	165.00	
18354	8/2/16	SO03	SOUTHERN CALIF EDISON CO.	62,536.02	
18355	8/5/16	ATT01	AT&T	831.06	
18356	8/5/16	ATTM	AT & T MOBILITY	249.78	
18357	8/5/16	ATTUV01	AT & T U-VERSE	249.00	
18358	8/5/16	DO01	DOWNS OIL CO., INC.	303.21	

TEMESCAL VALLEY WATER DISTRICT

Payment Authorization Report

Aug 23, 2016

Check #	Date	Payee ID	Payee	Amount
18359	8/5/16	GM	GLEN MUNCY (INSPECTION)	4,779.00
18360	8/5/16		VOID	-
18361	8/5/16	SEMA	SEMA INC.	552.42
18362	8/5/16	WTI	WTI COMMUNICATIONS INC.	530.74
18363	8/5/16	ST02	STATE COMPENSATION INSUR.FUND	2,361.67
18364	8/5/16	REFUND	MICHAEL CLANCY	300.00
18365	8/5/16	REFUND	DEBORAH D. PICKENS	31.92
18366	8/5/16	REFUND	SHALYN ROBERS	209.76
18367	8/5/16	REFUND	CONRAD MARTINEZ	132.19
18368	8/5/16	REFUND	JULIE HAMILTON	140.77
18369	8/5/16	REFUND	CHERYL A. GARNER	253.84
18370	8/5/16	REFUND	KIM & MAURICIO GUERRERO	292.04
18371	8/5/16	REFUND	JOCELYN A ESQUER	131.60
18372	8/5/16	REFUND	ANTHONY SEMAAN	148.45
18373	8/5/16	REFUND	HOLLEE WINDER	52.46
18374	8/5/16	REFUND	MELISSA S. KOREIS	76.40
18375	8/5/16	REFUND	ROBERT W. SCOTT	265.24
18376	8/5/16	REFUND	PETER S. ARCEO	114.63
18377	8/5/16	REFUND	EDWARD C. ESTESS	125.68
18378	8/5/16	REFUND	NATIONSTAR MORTGAGE	272.35
18379	8/5/16		VOID	-
18380	8/5/16	REFUND	MARLENE RICHARDSON	73.21
18381	8/12/16	AD	PAYROLL	-
18382	8/12/16	AS	PAYROLL	-
18383	8/12/16	BE	PAYROLL	-
18384	8/12/16	CC	PAYROLL	-
18385	8/12/16	CG	PAYROLL	-
18386	8/12/16	CL	PAYROLL	-
18387	8/12/16	JH	PAYROLL	-
18388	8/12/16	KC	PAYROLL	-
18389	8/12/16	KN	PAYROLL	-
18390	8/12/16	MM	PAYROLL	-
18391	8/12/16	BE	PAYROLL	-
18392	8/12/16	JH	PAYROLL	-
18393	8/12/16	FI01	PAYROLL	-
18394	8/12/16	MCC	PAYROLL	-
18395	8/12/16	JH	PAYROLL	-
18396	8/12/16	JH	PAYROLL	-

TEMESCAL VALLEY WATER DISTRICT

Payment Authorization Report

Aug 23, 2016

Check #	Date	Payee ID	Payee	Amount	
18397	8/16/16	EL	EDUARDO LOPEZ-TRK MAINT	80.00	
18398	8/17/16	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	4,820.30	
18399	8/17/16	AMCO	AMPSTUN CORPORATION-BILLING SUPPORT	1,500.00	
18400	8/17/16	ATTM	AT & T MOBILITY	801.68	
18401	8/17/16	BA01	BABCOCK LABORATORIES, INC	6,356.00	
18402	8/17/16	BR01	AREND BROUWER ELECTRICAL CONTRACTING IN	2,495.78	
18403	8/17/16	BT	BT PIPELINE INC.	13,777.50	12" & 14" LEAK REPAIR
18404	8/17/16	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,519.20	
18405	8/17/16	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
18406	8/17/16	CBE	CBE	28.05	
18407	8/17/16	CE01	CENTRAL COMMUNICATIONS	139.80	
18408	8/17/16	CL01	CLAYSON, MANN, YAEGER & HANSEN	375.00	
18409	8/17/16	CO06	CORONA ROSE FLOWERS & GIFTS	118.75	
18410	8/17/16	CSS	CLEAN-A-LOT SWEEP AND STEAM	540.00	
18411	8/17/16	DE10	DEPARTMENT OF ENVIRONMENTAL HEALTH	1,051.00	
18412	8/17/16	DMV	DMV	490.00	
18413	8/17/16	DO01	DOWNS OIL CO., INC.	184.42	
18414	8/17/16	DPCI	DON PETERSON CONTRACTING, INC.	6,115.00	R & R AUGER ASSEMBLY
18415	8/17/16	DSC	DATABASE SYSTEMS CORP.	212.24	
18416	8/17/16	DT	DALTON TRUCKING INC.	561.60	
18417	8/17/16	DU01	DUDEK & ASSOCIATES-CONT MGT	16,605.40	
18418	8/17/16	DU02	DUDEK & ASSOCIATES-SPECIAL PROJECTS	370.00	
18419	8/17/16	DU03	DUDEK & ASSOCIATES-PASS THRU	3,715.00	
18420	8/17/16	DU04	DUDEK & ASSOCIATES-ENGINEERING	320.00	
18421	8/17/16	DWEI	DEXTER WILSON ENGINEERING INC	22,215.80	PLANS FOR ELEC UPGRADE PLT
18422	8/17/16	EPIC	EDGEWOOD PARTNERS INSURANCE CENTER	41,817.00	16-'17 INSURANCE
18423	8/17/16	EW01	EWING IRRIGATION PRODUCTS	113.31	
18424	8/17/16	FE01	FEDERAL EXPRESS	172.84	
18425	8/17/16	GM	GLEN MUNCY (INSPECTION)	5,427.00	
18426	8/17/16	GWI	GEOCON WEST, INC.	5,149.50	
18427	8/17/16	HDS	HD SUPPLY/WATERWORKS	9,667.91	1" & 4" METERS
18428	8/17/16	HO01	HOME DEPOT CREDIT SERVICES	110.99	
18429	8/17/16	JW01	JWC ENVIRONMENTAL LLC	11,053.49	
18430	8/17/16	kae	K & A ENGINEERING	4,765.00	
18431	8/17/16	ME01	MEYERS GROUP, LLC	6,522.91	PRICE POINT ANALYSIS BILLED TO TERRAM
18432	8/17/16	MMS	MCCALL'S METER SALES	500.00	
18433	8/17/16	MSS	MAXIM SECURITY SERVICES	1,602.00	
18434	8/17/16	MU01	WILLDAN FINANCIAL SERVICES	5,736.22	WATER/SEWER/STDBY CHARGE ASSEMENT

TEMESCAL VALLEY WATER DISTRICT

Payment Authorization Report

Aug 23, 2016

Check #	Date	Payee ID	Payee	Amount	
18435	8/17/16	NC	NORTHSTAR CHEMICAL	11,303.67	
18436	8/17/16	ON01	ONE STOP LANDSCAPE SUPPLY INC.	1,303.50	
18437	8/17/16	OVLLP	OPPER & VARCO LLP	2,000.00	WATER RIGHTS
18438	8/17/16	PLM01	PARRA LANDSCAPE MAINTENANCE	650.00	
18439	8/17/16	PPE	PRIVATE PEST EXTERMINATORS	150.00	
18440	8/17/16	RFC	RAFTELIS FINANCIAL CONSULTANTS	23,254.45	RATE SURVEY
18441	8/17/16	RTL	RUTAN & TUCKER, LLP	1,292.50	
18442	8/17/16	SA02	SAM'S CLUB	31.96	
18443	8/17/16	SA04	SAWPA	2,692.00	
18444	8/17/16	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	958.42	
18445	8/17/16	SCNG	SOUTHERN CALIFORNIA NEWS GROUP	343.20	
18446	8/17/16	UN01	UNDERGROUND SERVICE ALERT	37.50	
18447	8/17/16	USB01	US BANK GOVERNMENT SERVICES	2,861.38	
18448	8/17/16	WA01	WASTE MANAGEMENT - INLAND EMPIRE	732.46	
18449	8/17/16	WE01	WESTERN MUNICIPAL WATER DISTR.	365,544.55	
18450	8/17/16	WE04	WELLS SUPPLY CO.	4,718.25	METER COVERS
18451	8/17/16	WTI	WTI COMMUNICATIONS INC.	516.08	
Total				<u>\$ 688,210.93</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

8/23/16/16

Date

**TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
31-Jul-16**

ASSETS

Fixed Assets (net of accumulated depreciation)		
Land	\$	902,118
Treatment Plants		9,223,620
Capacity Rights		13,503,639
Water System, Reservoir & Wells		7,624,227
Water & Sewer Mains		24,580,645
General Equipment Sewer/Water/ Furniture		466,622
Buildings & Entrance Improvements		411,821
		<u>56,712,692</u>
Current Assets		
Cash - Wastewater	9,067,510	
Cash - Water	7,273,919	
Cash - ID #1	381,007	
Cash - ID #2	74,574	
Cash - Nonpotable	779,542	
Cash - Deposits	<u>1,144,626</u>	18,721,178
Accounts Receivable-Services/Developers		986,248
Assessment Receivable		65,413
Interest Receivable		9,083
Prepaid Expenses		38,332
Inventory		<u>159,953</u>
		19,980,207
Other Assets		
Work-in-Process		472,009
Deferred Outflows - Pension	\$	113,747
TOTAL ASSETS	\$	<u>77,278,655</u>

LIABILITIES

Current Liabilities		
Accounts Payable	\$	629,252
Security Deposits		328,858
Payroll & Payroll Taxes Payable		50,354
Capacity & Meter Deposits		129,530
Fiduciary Payments Payable		360,130
Developer Deposits		283,221
Other Deposits		<u>42,887</u>
		1,824,231
Long-term Liabilities		
TVRP Note		2,168,330
Deferred Inflows - Pension		84,186
TOTAL LIABILITIES	\$	<u>4,076,747</u>

FUND EQUITY

Fund Balances		
Waste Water Fund Balance		26,193,072
Water Fund Balance		39,091,524
ID #1 Fund Balance		555,418
ID #2 Fund Balance		242,568
Recycled Water Fund Balance		<u>7,119,325</u>
TOTAL FUND EQUITY	\$	<u>73,201,907</u>
TOTAL LIABILITIES & FUND EQUITY	\$	<u>77,278,655</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	JULY			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	169,928	167,000	2,928	169,928	167,000	2,928	2,002,000	(1,832,072)
MONTHLY SERVICE CHARGE-ID #1	10,767	10,767	-	10,767	10,767	-	129,200	(118,433)
MONTHLY SERVICE CHARGE-ID #2	12,180	12,180	-	12,180	12,180	-	146,150	(133,970)
MONTHLY SEWER SERVICE CHG-R COM	9,564	9,600	(36)	9,564	9,600	(36)	115,000	(105,436)
MISC UTILITY CHARGES/ REVENUE	8,491	4,400	4,091	8,491	4,400	4,091	52,000	(43,509)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	20,000	(20,000)
INSPECTION CHARGES	-	-	-	-	-	-	10,000	(10,000)
TOTAL WASTEWATER REVENUE	210,930	203,947	6,983	210,930	203,947	6,983	2,584,350	(2,373,420)
OPERATING EXPENSES:								
PLANT WAGES EXPENSE	8,777	9,500	(723)	8,777	9,500	(723)	165,000	(156,223)
PAYROLL TAXES EXP	228	350	(122)	228	350	(122)	3,000	(2,772)
EMPLOYEE BENEFITS-INS	943	1,300	(357)	943	1,300	(357)	15,500	(14,557)
EMPLOYEE BENEFITS-RETIREMENT	1,407	1,750	(343)	1,407	1,750	(343)	22,500	(21,093)
OVERTIME EXP	667	750	(83)	667	750	(83)	9,000	(8,333)
MILEAGE EXP	52	75	(23)	52	75	(23)	800	(748)
VACATION EXP	624	700	(76)	624	700	(76)	8,300	(7,676)
ELECTRICIAN LABOR COSTS	-	625	(625)	-	625	(625)	7,500	(7,500)
SCADA SYSTEM ADMIN/MAINT	-	750	(750)	-	750	(750)	9,000	(9,000)
LABORATORY TESTING COSTS	2,635	2,700	(65)	2,635	2,700	(65)	32,000	(29,365)
SLUDGE DISPOSAL/PUMPING COSTS	2,605	2,000	605	2,605	2,000	605	25,000	(22,395)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHENMICAL EXP	-	-	-	-	-	-	20,000	(20,000)
CHEMICALS, LUBRICANTS & FUELS	16,797	8,000	8,797	16,797	8,000	8,797	95,000	(78,203)
EQUIPMENT RENTAL COSTS	675	200	475	675	200	475	2,000	(1,325)
EQUIPMENT REPAIRS & MAINT.	7,262	10,000	(2,738)	7,262	10,000	(2,738)	190,000	(182,738)
SEWER LINE REPAIRS	-	-	-	-	-	-	10,000	(10,000)
SEWER CLEANING AND VIDEO EXP	980	1,000	(20)	980	1,000	(20)	15,000	(14,020)
SECURITY AND ALARM EXP	-	350	(350)	-	350	(350)	4,000	(4,000)
PROPERTY MAINTENANCE	1,897	1,750	147	1,897	1,750	147	20,000	(18,103)
ENGINEERING/ADMIN. STUDIES	-	-	-	-	-	-	20,000	(20,000)
ENERGY COSTS	17,370	19,500	(2,130)	17,370	19,500	(2,130)	195,000	(177,630)
CONSUMABLE SUPPLIES & CLEANING	119	850	(731)	119	850	(731)	10,000	(9,881)
SMALL EQUIPMENT & TOOLS COST	-	250	(250)	-	250	(250)	3,000	(3,000)
PERMITS, FEES & TAXES	2,122	2,200	(78)	2,122	2,200	(78)	25,000	(22,878)
SAWPA BASIN MONITORING EXP	20,240	15,000	5,240	20,240	15,000	5,240	15,000	5,240
MAP UPDATING/GIS EXP	-	-	-	-	-	-	2,000	(2,000)
MISC. OPERATING EXP	105	-	105	105	-	105	1,000	(895)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONTINGENCIES	-	-	-	-	-	-	36,000	(36,000)
TOTAL OPERATING EXPENSES	85,505	79,600	5,905	85,505	79,600	5,905	987,100	(901,595)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	JULY			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	6,642	7,000	(358)	6,642	7,000	(358)	100,000	(93,358)
GENERAL ENGINEERING EXP	1,815	1,400	415	1,815	1,400	415	16,000	(14,185)
ANNUAL ASSESSMENT EXP	2,868	2,000	868	2,868	2,000	868	2,000	868
PLAN CHECK & INSPECTION EXP	-	400	(400)	-	400	(400)	5,000	(5,000)
EMPLOYEE BENEFITS-INS	-	1,600	(1,600)	-	1,600	(1,600)	19,000	(19,000)
EMPLOYEE BENEFITS-RETIREMENT	-	2,500	(2,500)	-	2,500	(2,500)	21,000	(21,000)
WAGES EXPENSE	10,300	11,000	(700)	10,300	11,000	(700)	142,000	(131,700)
VACATION EXP	797	800	(3)	797	800	(3)	9,600	(8,803)
OVERTIME EXP	-	85	(85)	-	85	(85)	1,000	(1,000)
MILEAGE EXP ADMIN	28	45	(17)	28	45	(17)	500	(472)
PAYROLL TAX EXPENSES	295	300	(5)	295	300	(5)	2,500	(2,205)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	150	650	(500)	150	650	(500)	7,600	(7,450)
AUDIT EXPENSES	-	-	-	-	-	-	5,000	(5,000)
BOARD COMMITTEE MEETING EXP.	284	625	(341)	284	625	(341)	7,500	(7,216)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	6,600	(6,600)
COMPUTER SYSTEM ADMIN	2,915	2,500	415	2,915	2,500	415	20,000	(17,085)
BANK CHARGES EXP	702	750	(48)	702	750	(48)	9,000	(8,298)
MISCELLANEOUS & EDUCATION EXP	464	85	379	464	85	379	1,000	(536)
TELEPHONE, FAX & CELL EXP	1,355	675	680	1,355	675	680	8,000	(6,645)
OFFICE SUPPLIES EXP	916	1,000	(84)	916	1,000	(84)	16,000	(15,084)
PRINTING EXPENSES	-	-	-	-	-	-	5,000	(5,000)
POSTAGE & DELIVERY EXPENSE	934	1,000	(66)	934	1,000	(66)	12,000	(11,066)
PUBLICATIONS, NOTICES & DUES	15	500	(485)	15	500	(485)	5,000	(4,985)
EQUIPMENT LEASE EXPENSES	286	500	(214)	286	500	(214)	6,000	(5,714)
INSURANCE EXPENSES	2,338	2,700	(362)	2,338	2,700	(362)	32,000	(29,662)
INVESTMENT EXP	400	500	(100)	400	500	(100)	6,000	(5,600)
COMMUNITY OUTREACH EXP	-	-	-	-	-	-	7,000	(7,000)
TOTAL ADMINISTRATIVE EXPENSES	33,504	38,615	(5,111)	33,504	38,615	(5,111)	474,300	(440,796)
TOTAL WASTEWATER EXPENSES	119,009	118,215	794	119,009	118,215	794	1,461,400	(1,342,391)
NET OPERATING REVENUE/EXPENSE	91,921	85,732	6,189	91,921	85,732	6,189	1,122,950	(1,031,029)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
CONNECTION FEES	-	-	-	-	-	-	-	-
INTEREST INCOME	2,090	1,000	1,090	2,090	1,000	1,090	12,000	(9,910)
PROPERTY TAX INCOME	382	-	382	382	-	382	65,000	(64,618)
TOTAL NON-OPER SOURCE OF FUNDS	2,472	1,000	1,472	2,472	1,000	1,472	77,000	(74,528)
TOTAL SEWER REVENUE/EXPENSE	94,393	86,732	7,661	94,393	86,732	7,661	1,199,950	(1,105,557)
TRANSFER TO CAPITAL FUND-REPLACEMENT				79,125				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				15,268				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2015-2016	8,846,278
TRANSFER FOR CAPITAL FUND REPLACEMENT	79,125
TRANSFER FOR CAPITAL IMPROVEMENTS	15,268
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(45,471)</u>
TOTAL FUNDS AVAILABLE	<u>8,895,200</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	JULY			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WATER DEPARTMENT</u>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	112,032	112,500	(468)	112,032	112,500	(468)	1,350,000	(1,237,968)
WATER USAGE CHARGES	309,603	297,000	12,603	309,603	297,000	12,603	2,700,000	(2,390,397)
WATER PUMPING CHARGE	9,411	8,250	1,161	9,411	8,250	1,161	75,000	(65,589)
FIRE PROTECTION CHARGES	2,523	2,400	123	2,523	2,400	123	28,000	(25,477)
MISC. UTILITY CHARGES	1,455	4,200	(2,745)	1,455	4,200	(2,745)	50,000	(48,545)
SERVICE METER INCOME	7,200	1,700	5,500	7,200	1,700	5,500	20,000	(12,800)
CELLULAR SITE LEASE	2,706	2,500	206	2,706	2,500	206	30,000	(27,294)
MWD READINESS TO SERVE CHARGE	19,297	18,750	547	19,297	18,750	547	225,000	(205,703)
STANDBY CHARGES	-	-	-	-	-	-	35,000	(35,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	20,000	(20,000)
INSPECTION CHARGES	-	-	-	-	-	-	10,000	(10,000)
TOTAL WATER REVENUE	464,227	447,300	16,927	464,227	447,300	16,927	4,543,000	(4,078,773)
OPERATING EXPENSES:								
WAGES EXPENSE	7,680	8,000	(320)	7,680	8,000	(320)	145,000	(137,320)
PAYROLL TAXES EXP	199	225	(26)	199	225	(26)	3,000	(2,801)
EMPLOYEE BENEFITS-INS	1,233	1,250	(17)	1,233	1,250	(17)	14,000	(12,767)
EMPLOYEE BENEFITS-RETIREMENT	1,311	1,350	(39)	1,311	1,350	(39)	20,000	(18,689)
OPERATION-MILEAGE EXP	45	70	(25)	45	70	(25)	750	(705)
OVERTIME EXPENSE/ ON CALL	583	750	(167)	583	750	(167)	9,000	(8,417)
VACATION EXP	780	610	170	780	610	170	7,300	(6,520)
CONTRACT STAFFING-METER READS	4,820	5,000	(180)	4,820	5,000	(180)	60,000	(55,180)
SCADA SYSTEM ADMIN/MAINT	-	600	(600)	-	600	(600)	7,000	(7,000)
LABORATORY TESTING COSTS	2,261	3,700	(1,439)	2,261	3,700	(1,439)	12,500	(10,239)
COMPLIANCE TESTING (ISDE/CROSS)	-	-	-	-	-	-	3,000	(3,000)
LEAK DETECTION EXPENSE	-	-	-	-	-	-	8,000	(8,000)
EPA WATER TESTING EXP	-	-	-	-	-	-	-	-
EQUIPMENT RENTAL COSTS	-	175	(175)	-	175	(175)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	6,921	6,250	671	6,921	6,250	671	75,000	(68,079)
WATER LINE REPAIRS	6,386	3,500	2,886	6,386	3,500	2,886	40,000	(33,614)
ALARM MONITORING COSTS	-	175	(175)	-	175	(175)	2,000	(2,000)
PROPERTY MAINTENANCE	-	500	(500)	-	500	(500)	6,000	(6,000)
ENGINEERING/ADMIN. STUDIES	-	650	(650)	-	650	(650)	8,000	(8,000)
ENERGY COSTS	17,531	18,000	(469)	17,531	18,000	(469)	125,000	(107,469)
CONSUMABLE SUPPLIES & CLEANING	-	700	(700)	-	700	(700)	8,000	(8,000)
CHEMICALS, LUBRICANTS & FUELS	106	425	(319)	106	425	(319)	5,000	(4,894)
SMALL EQUIPMENT & TOOLS COST	99	200	(101)	99	200	(101)	2,000	(1,901)
PERMITS, FEES & TAXES	240	2,500	(2,260)	240	2,500	(2,260)	18,500	(18,260)
MAP UPDATING/GIS EXP	-	625	(625)	-	625	(625)	7,500	(7,500)
SERVICE METERS & PARTS COSTS	16,081	15,000	1,081	16,081	15,000	1,081	30,000	(13,919)
WHOLESALE WATER PURCHASES	326,945	233,000	93,945	326,945	233,000	93,945	2,585,000	(2,258,055)
WATER-MWD CAPACITY CHARGE	11,808	6,700	5,108	11,808	6,700	5,108	80,000	(68,192)
WATER-READINESS TO SERVE/REFUSAL CHARGE	12,657	14,200	(1,543)	12,657	14,200	(1,543)	170,000	(157,343)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONSERVATION REBATE EXP	-	-	-	-	-	-	7,500	(7,500)
CONTINGENCIES	-	-	-	-	-	-	35,000	(35,000)
TOTAL OPERATING EXPENSES	417,686	324,155	93,531	417,686	324,155	93,531	3,497,550	(3,079,864)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2016-2017	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	5,812	6,300	(488)	5,812	6,300	(488)	87,500	(81,688)
GENERAL ENGINEERING EXP	-	1,400	(1,400)	-	1,400	(1,400)	16,000	(16,000)
PLAN CHECK & INSPECTION EXP	27	1,400	(1,373)	27	1,400	(1,373)	16,000	(15,973)
EMPLOYEE BENEFITS-INS	825	1,400	(575)	825	1,400	(575)	16,650	(15,825)
EMPLOYEE BENEFITS-RETIREMENT	1,902	2,200	(298)	1,902	2,200	(298)	18,350	(16,448)
ANNUAL ASSESSMENT EXP	2,868	2,000	868	2,868	2,000	868	2,000	868
WAGES EXPENSE	9,013	9,600	(587)	9,013	9,600	(587)	124,000	(114,987)
VACATION EXP	997	700	297	997	700	297	8,200	(7,203)
MILEAGE EXP ADMIN	24	45	(21)	24	45	(21)	500	(476)
OVERTIME EXPENSE	-	75	(75)	-	75	(75)	1,000	(1,000)
PAYROLL TAX EXPENSES	258	300	(42)	258	300	(42)	2,400	(2,142)
CONTRACT STAFFING OFFICE	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	131	1,250	(1,119)	131	1,250	(1,119)	15,000	(14,869)
AUDIT EXPENSES	-	-	-	-	-	-	5,000	(5,000)
BOARD COMMITTEE/ MEETING EXP.	249	525	(276)	249	525	(276)	6,300	(6,051)
COMPUTER SYSTEM EXP	358	1,000	(642)	358	1,000	(642)	12,000	(11,642)
BANK CHARGES EXP	614	600	14	614	600	14	7,000	(6,386)
MISCELLANEOUS & EDUCATION EXP	406	75	331	406	75	331	1,000	(594)
TELEPHONE, FAX, PAGER & RADIO	1,199	600	599	1,199	600	599	7,000	(5,801)
OFFICE SUPPLIES EXP	669	1,100	(431)	669	1,100	(431)	13,000	(12,331)
PRINTING EXPENSES	-	-	-	-	-	-	5,000	(5,000)
POSTAGE & DELIVERY EXPENSE	817	750	67	817	750	67	9,000	(8,183)
PUBLICATIONS, NOTICES & DUES	13	500	(487)	13	500	(487)	5,000	(4,987)
EQUIPMENT LEASE EXPENSES	250	500	(250)	250	500	(250)	6,000	(5,750)
INSURANCE EXPENSES	2,046	2,400	(354)	2,046	2,400	(354)	28,000	(25,954)
INVESTMENT EXPENSE	350	-	350	350	-	350	-	350
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	6,600	(6,600)
COMMUNITY OUT REACH EXP	-	-	-	-	-	-	7,000	(7,000)
TOTAL ADMINISTRATIVE EXPENSES	28,828	34,720	(5,892)	28,828	34,720	(5,892)	427,500	(398,672)
TOTAL WATER EXPENSES	446,514	358,875	87,639	446,514	358,875	87,639	3,925,050	(3,478,536)
NET OPERATING REVENUE/EXPENSE	17,713	88,425	(70,712)	17,713	88,425	(70,712)	617,950	(600,237)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
CONNECTION FEES	48,387	-	48,387	48,387	-	48,387	-	48,387
INTEREST INCOME	2,640	1,600	1,040	2,640	1,600	1,040	19,000	(16,360)
PROPERTY TAX INCOME	188	-	188	188	-	188	30,000	(29,812)
TOTAL NON-OP SOURCE OF FUNDS	51,215	1,600	49,615	51,215	1,600	49,615	49,000	2,215
TOTAL REVENUE/EXPENSE	68,928	90,025	(21,097)	68,928	90,025	(21,097)	666,950	(598,022)
TRANSFER TO CAPITAL FUND-REPLACEMENT				45,422				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				23,506				
CAPACITY USAGE INCOME				76,991				
LONG TERM DEBT REDUCTION				76,991				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2015-2016	7,622,794
TRANSFER FOR CAPITAL FUND REPLACEMENT	45,422
TRANSFER FOR CAPITAL IMPROVEMENTS	23,506
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(1,293)</u>
TOTAL FUNDS AVAILABLE	<u>7,690,429</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	JULY			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	-	13,725	13,725	-	164,700	(150,975)
TOTAL ID #1 REVENUE	13,725	13,725	-	13,725	13,725	-	164,700	(150,975)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	10,766	10,766	-	10,766	10,766	-	129,200	(118,434)
TOTAL OPERATING COSTS	10,766	10,766	-	10,766	10,766	-	129,200	(118,434)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	-	-	-	3,000	(3,000)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	-	-	-	3,000	(3,000)
TOTAL ID#1 EXPENSES	10,766	10,766	-	10,766	10,766	-	132,200	(121,434)
NET OPERATING REVENUE/EXPENSE	2,959	2,959	-	2,959	2,959	-	32,500	(29,541)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	55	31	24	55	31	24	370	(315)
TOTAL NON-OPER SOURCE OF FUNDS	55	31	24	55	31	24	370	(315)
TOTAL REVENUE/EXPENSE	3,014	2,990	24	3,014	2,990	24	32,870	(29,856)
TRANSFER TO CAPITAL FUND-REPLACEMENT				2,319				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				695				
				-				
<u>ID #1 FUND BALANCE:</u>								
ENDING FUNDS AVAILABLE 2015-2016	407,229							
TRANSFER FOR CAPITAL FUND REPLACEMENT	2,319							
TRANSFER FOR CAPITAL IMPROVEMENTS	695							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	-							
TOTAL FUNDS AVAILABLE	410,243							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	JULY			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	-	15,525	15,525	-	186,300	(170,775)
TOTAL ID #2 REVENUE	15,525	15,525	-	15,525	15,525	-	186,300	(170,775)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	12,179	12,179	-	12,179	12,179	-	146,150	(133,971)
TOTAL OPERATING COSTS	12,179	12,179	-	12,179	12,179	-	146,150	(133,971)
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	-	12,179	12,179	-	151,650	(139,471)
NET OPERATING REVENUE/EXPENSE	3,346	3,346	-	3,346	3,346	-	34,650	(31,304)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	110	61	49	110	61	49	732	(622)
TOTAL NON-OPER SOURCE OF FUNDS	110	61	49	110	61	49	732	(622)
TOTAL REVENUE/EXPENSE	3,456	3,407	49	3,456	3,407	49	35,382	(31,926)
TRANSFER TO CAPITAL FUND-REPLACEMENT				2,824				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				632				
				-				
<i>ID #2 FUND BALANCE:</i>								
ENDING FUNDS AVAILABLE 2015-2016	108,626							
TRANSFER FOR CAPITAL FUND REPLACEMENT	2,824							
TRANSFER FOR CAPITAL IMPROVEMENTS	632							
CAPITAL IMPROVEMENT-PLANT REMOVAL	-							
TOTAL FUNDS AVAILABLE	112,082							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	JULY			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	172,720	169,000	3,720	172,720	169,000	3,720	1,300,000	(1,127,280)
RECYCLED/ NON-POT WATER FIXED CHARGE	14,179	11,250	2,929	14,179	11,250	2,929	135,000	(120,821)
RECYCLED/NON-POTABLE PUMPING CHARGE	4,409	3,900	509	4,409	3,900	509	30,000	(25,591)
MISC INCOME	492	850	(358)	492	850	(358)	10,000	(9,508)
TOTAL NON-POTABLE REVENUE	191,800	185,000	6,800	191,800	185,000	6,800	1,475,000	(1,283,200)
OPERATING EXPENSES:								
RECYCLED/NON-POTABLE LABOR EXP	5,486	6,500	(1,014)	5,486	6,500	(1,014)	103,000	(97,514)
PAYROLL TAXES EXP	142	210	(68)	142	210	(68)	1,800	(1,658)
EMPLOYEE BENEFITS-INS	654	740	(86)	654	740	(86)	10,000	(9,346)
EMPLOYEE BENEFITS-RETIREMENT	325	400	(75)	325	400	(75)	14,000	(13,675)
MILEAGE EXP	32	20	12	32	20	12	200	(168)
OVERTIME EXP	417	475	(58)	417	475	(58)	5,700	(5,283)
VACATION EXP	156	450	(294)	156	450	(294)	5,200	(5,044)
SCADA SYS EXP	-	575	(575)	-	575	(575)	6,800	(6,800)
LABORATORY TESTING COSTS	500	1,250	(750)	500	1,250	(750)	15,000	(14,500)
EQUIPMENT REPAIRS & MAINT.	2,536	4,200	(1,664)	2,536	4,200	(1,664)	50,000	(47,464)
NONPOTABLE WATER LINE REPAIR	-	8,500	(8,500)	-	8,500	(8,500)	100,000	(100,000)
SECURITY AND ALARM EXP	-	85	(85)	-	85	(85)	1,000	(1,000)
PROPERTY MAINTENANCE	-	420	(420)	-	420	(420)	5,000	(5,000)
ENERGY COSTS	32,171	33,000	(829)	32,171	33,000	(829)	275,000	(242,829)
CONSUMABLE SUPPLIES EXP	-	30	(30)	-	30	(30)	350	(350)
CHEMICALS, LUBRICANTS & FUELS	129	850	(721)	129	850	(721)	10,000	(9,871)
PERMITS AND FEES EXP	-	500	(500)	-	500	(500)	6,000	(6,000)
SERVICE METERS AND PARTS COSTS	5,181	600	4,581	5,181	600	4,581	7,000	(1,819)
RECYCLED SIGN EXP	-	250	(250)	-	250	(250)	3,000	(3,000)
MISC OPERATING EXP	-	42	(42)	-	42	(42)	500	(500)
POTABLE WATER EXP	20,038	-	20,038	20,038	-	20,038	-	20,038
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
TOTAL OPERATING EXPENSES	67,767	59,097	8,670	67,767	59,097	8,670	621,150	(553,383)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For One Month ending July 31, 2016**

	APRIL			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2016-2017	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	4,151	4,225	(74)	4,151	4,225	(74)	62,500	(58,349)
GENERAL ENGINEERING/ PLAN CHECK EXP	-	1,250	(1,250)	-	1,250	(1,250)	15,000	(15,000)
INSPECTION EXP	-	1,250	(1,250)	-	1,250	(1,250)	15,000	(15,000)
EMPLOYEE BENEFITS-INS	501	500	1	501	500	1	12,000	(11,499)
EMPLOYEE BENEFITS-RETIREMENT	405	500	(95)	405	500	(95)	13,000	(12,595)
WAGES EXPENSE	6,437	6,900	(463)	6,437	6,900	(463)	89,000	(82,563)
VACATION EXP	200	285	(85)	200	285	(85)	5,800	(5,600)
MILEAGE EXP	17	15	2	17	15	2	150	(133)
OVERTIME EXP	-	105	(105)	-	105	(105)	1,250	(1,250)
PAYROLL TAX EXPENSE	184	185	(1)	184	185	(1)	1,600	(1,416)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSE	259	1,000	-	259	1,000	(741)	12,000	(11,741)
AUDIT EXP	-	-	-	-	-	-	5,000	(5,000)
BOARD FEES EXP	178	375	(197)	178	375	(197)	4,500	(4,322)
ELECTION EXP	-	-	-	-	-	-	6,800	(6,800)
COMPUTER SYSTEMS EXP	-	750	(750)	-	750	(750)	9,000	(9,000)
BANK CHARGES	439	550	(111)	439	550	(111)	6,500	(6,061)
TELEPHONE EXP	781	420	361	781	420	361	5,000	(4,219)
OFFICE SUPPLIES	467	500	(33)	467	500	(33)	6,000	(5,533)
PRINTING EXP	-	-	-	-	-	-	2,500	(2,500)
POSTAGE EXP	874	540	334	874	540	334	6,500	(5,626)
PUBLICATION EXP	9	250	(241)	9	250	(241)	3,000	(2,991)
EQUIPMENT LEASE EXP	178	250	(72)	178	250	(72)	3,000	(2,822)
INSURANCE EXPENSE	1,462	1,700	-	1,462	1,700	(238)	20,000	(18,538)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	2,100	(2,100)
INVESTMENT EXPENSE	250	-	250	250	-	250	-	250
COMMUNITY OUTREACH EXP	-	-	-	-	-	-	4,800	(4,800)
MISC & EDUCATION EXP	-	85	(85)	-	85	(85)	1,000	(1,000)
TOTAL ADMINISTRATIVE EXPENSES	16,792	21,635	(3,864)	16,792	21,635	(4,843)	315,000	(298,208)
TOTAL NON-POTABLE OPERATING EXPENSES	84,559	80,732	3,827	84,559	80,732	3,827	936,150	(851,591)
NET OPERATING REVENUE/EXPENSE	107,241	104,268	2,973	107,241	104,268	2,973	538,850	(431,609)
NON-OPERATING SOURCE OF FUNDS:								
CONNECTION FEES	-	-	-	-	-	-	-	-
INTEREST INCOME	605	350	255	605	350	255	4,100	(3,495)
TOTAL NON-OP SOURCE OF FUNDS	605	350	255	605	350	255	4,100	(3,495)
TOTAL REVENUE/EXPENSE	107,846	104,618	3,228	107,846	104,618	3,228	542,950	(435,104)
TRANSFER TO CAPITAL FUND-REPLACEMENT				10,063				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				97,783				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2015-2016	1,215,422							
TRANSFER FOR CAPITAL FUND REPLACEMENT	10,063							
TRANSFER FOR CAPITAL IMPROVEMENTS	97,783							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(2,000)							
TOTAL FUNDS AVAILABLE	1,321,268							

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
7/31/2016

Special Tax Fund (Acct #105636-009)
Account Balance at Wilmington Trust \$ 1,969,003.73

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 1,687,612.22

Re-call Fund (Acct #105636-025)
Account Balance at Wilmington Trust 1,377,197.04

TOTAL \$ 5,033,814.66

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
7/31/2016

Special Tax Fund (Acct #105636-014)
Account Balance at Wilmington Trust \$ 268,022.49

BONDS PR ACCT (Acct # 105636-015)
Account Balance at Wilmington Trust 0.03

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

Surplus Fund (Acct #105636-017)
Account Balance at Wilmington Trust 484,976.49

TOTAL \$ **753,000.34**

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
7/31/2016

Special Tax Fund (Acct #105636-019)
Account Balance at Wilmington Trust \$ 1,153,922.36

BONDS PR ACCT (Acct # 105636-020)
Account Balance at Wilmington Trust 0.17

Administrative Expense Fund(Acct #105636-021)
Account Balance at Wilmington Trust 1.42

Surplus Fund (Acct #105636-022)
Account Balance at Wilmington Trust 1,437,891.73

TOTAL

\$ 2,591,815.68

**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
7/31/2016**

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.01
- Lien Interest A/C (Acct #105636-001)		372.96
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,265,529.06
- Reserve Fund CFD #2 (Acct #105636-005)		276,065.07
- Reserve Fund CFD #3 (Acct #105636-006)		1,495,524.99
Junior Lien Bonds - Revenue Fund (Acct #105639-000)		-
- Lien Interest A/C (Acct #105639-001)		153.45
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		789,409.86
- Reserve Fund CFD #2 (Acct #105639-005)		100,174.23
- Reserve Fund CFD #3 (Acct #105639-006)		540,859.80
TOTAL		
	\$	5,468,089.43

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

FY 2015/2016 Maintenance/ General Projects	Total Cost	Source of Funding			Previous YRS	AS OF JULY, 2016 EXPENDITURES			Total YTD	Variance
		Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Billing Software Update/HARDWARE	\$ 110,000	\$ 44,000	\$ 38,500	\$ 27,500	\$ 48,963				\$ -	\$ 61,037
Rate study	\$ 130,000	\$ 52,000	\$ 45,500	\$ 42,500	\$ 15,782	\$ 23,255			\$ 23,255	\$ 90,963
General Building Improvements	\$ 20,000	\$ 8,000	\$ 7,000	\$ 5,000	\$ -				\$ -	\$ 20,000
Convert to Recycled	\$ 135,000	\$ -	\$ -	\$ 135,000	\$ 16,363				\$ -	\$ 118,637
Replace VFD	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -				\$ -	\$ 40,000
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	\$ -	\$ -	\$ -	\$ 22,216			\$ 22,216	\$ 31,934
Park Canyon RW Ext.	\$ 90,000	\$ -	\$ -	\$ 90,000	\$ -				\$ -	\$ 90,000
Air Actuator valves	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -				\$ -	\$ 40,000
Subtotal Maintenance and General	\$ 1,019,150	\$ 341,150	\$ 218,000	\$ 295,000	\$ 212,654	\$ 45,471	\$ -	\$ -	\$ 45,471	\$ 761,025

Multiple Fiscal Year Projects

TWC Pipeline- Retrofit and Improvements	\$ 5,240,100	\$ 890,000	\$ 3,450,000	\$ 900,000	\$ 4,930,973				\$ -	\$ 309,127
Dawson Canyon Recycled Water Storage Reserv	\$ 2,816,000	\$ 1,126,400	\$ 985,600	\$ 704,000	\$ 1,829,972				\$ -	\$ 986,028
GIS Mapping - Water Sewer RW pipelines and f	\$ 171,700	\$ 66,000	\$ 66,000	\$ 39,700	\$ 43,410				\$ -	\$ 128,290
SCADA Tower	\$ 60,000	\$ 30,000	\$ 30,000	\$ -	\$ -				\$ -	\$ 60,000
Non-Potable Groundwater Development	\$ 185,000	\$ -	\$ -	\$ 185,000	\$ 62,031			\$ 2,000	\$ 2,000	\$ 120,969
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 \$ 9,072,800 \$ 2,112,400 \$ 5,026,600 \$ 1,913,700 \$ 7,113,851 \$ - \$ 1,293 \$ 2,000 \$ 3,293 \$ 1,955,656

TOTAL \$ 10,091,950 \$ 2,453,550 \$ 5,244,600 \$ 2,208,700 \$ 7,326,504 **\$ 45,471** **\$ 1,293** **\$ 2,000** **\$ 48,764** \$ 2,716,682



**JOHN CHIANG
TREASURER
STATE OF CALIFORNIA**



PMIA Performance Report

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
07/28/16	0.60	0.59	169
07/29/16	0.60	0.59	169
07/30/16	0.60	0.59	169
07/31/16	0.60	0.59	169
08/01/16	0.60	0.59	170
08/02/16	0.60	0.59	168
08/03/16	0.60	0.59	167
08/04/16	0.60	0.59	166
08/05/16	0.60	0.59	166
08/06/16	0.60	0.59	166
08/07/16	0.60	0.59	166
08/08/16	0.60	0.59	166
08/09/16	0.61	0.59	168
08/10/16	0.61	0.59	168

*Daily yield does not reflect capital gains or losses

LAIF Performance Report

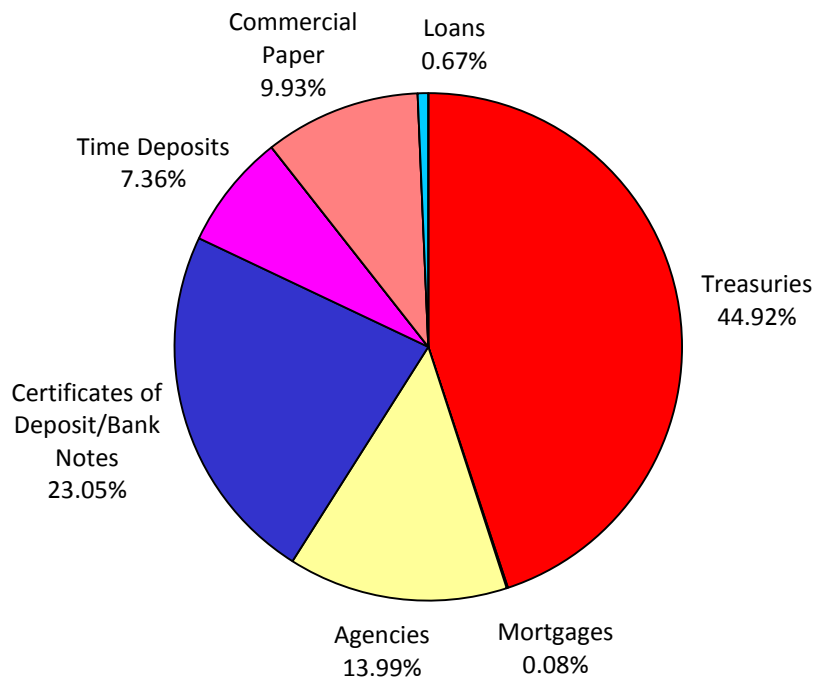
Quarter Ending 06/30/16

Apportionment Rate: 0.55%
 Earnings Ratio: 0.00001495296852820
 Fair Value Factor: 1.000621222
 Daily: 0.58%
 Quarter to Date: 0.55%
 Average Life: 167

PMIA Average Monthly Effective Yields

Jul 2016 0.588%
Jun 2016 0.576%
 May 2016 0.552%

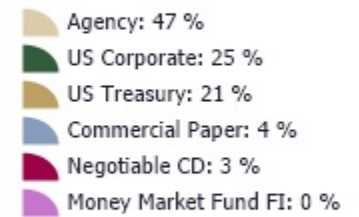
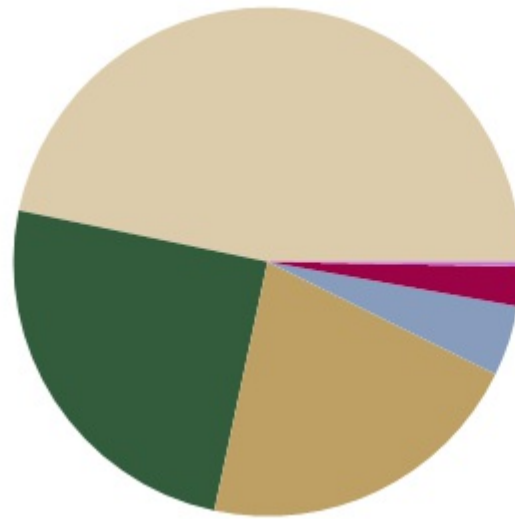
**Pooled Money Investment Account
Portfolio Composition
06/30/16
\$75.4 billion**



Based on data available as of 8/10/2016

Holdings by Asset Class for All Accounts and Groups

As Of 08/17/2016



Asset Class ▲

Cusip	Name	Maturity Date	% of Total MV	Qty	Purchase Yield	Market Yield	Original Cost	Market Value
Agency			46.8%				4,670,267.52	4,673,467
313313HM3	<u>FFCB Discount Note</u>	06/29/2017	1.9%	200,000	0.58	0.58	198,866.33	199,002
3130A6LZ8	<u>FHLB Note</u>	10/26/2017	2.0%	200,000	0.63	0.72	199,984.00	199,778
313380EC7	<u>FHLB Note</u>	09/08/2017	2.0%	200,000	0.64	0.86	200,256.00	199,764
313588K95	<u>FNMA Discount Note</u>	10/17/2016	0.5%	50,000	0.66	0.66	49,900.69	49,945
313379DT3	<u>FHLB Note</u>	06/08/2018	2.0%	200,000	0.76	0.86	201,846.00	201,381
313313GA0	<u>FFCB Discount Note</u>	05/25/2017	1.9%	200,000	0.76	0.76	198,487.50	198,833
3130A8PK3	<u>FHLB Note</u>	08/07/2018	2.4%	250,000	0.79	0.83	249,150.00	249,016
313376BR5	<u>FHLB Note</u>	12/14/2018	2.0%	200,000	0.79	0.92	204,582.00	203,791
3137EAEA3	<u>FHLMC Note</u>	04/09/2018	2.0%	200,000	0.85	0.82	199,660.00	199,776
3133EGFQ3	<u>FFCB Note</u>	09/14/2018	2.0%	200,000	0.85	0.88	200,098.00	199,975
3130A8EJ8	<u>FHLB Note</u>	06/05/2018	2.0%	200,000	0.86	0.87	199,968.00	199,914
313378A43	<u>FHLB Note</u>	03/09/2018	2.0%	200,000	0.96	0.84	201,466.00	201,665
3137EADK2	<u>FHLMC Note</u>	08/01/2019	2.0%	200,000	1.01	0.95	201,448.00	201,741
3133EFX69	<u>FFCB Note</u>	10/05/2018	2.0%	200,000	1.03	0.89	199,678.00	200,282
3133EFPJ0	<u>FFCB Note</u>	11/19/2018	2.0%	200,000	1.04	0.94	201,228.00	201,567
3130A8DB6	<u>FHLB Note</u>	06/21/2019	2.0%	200,000	1.04	0.95	200,496.00	200,951
313380FB8	<u>FHLB Note</u>	09/13/2019	2.0%	200,000	1.05	1.04	202,040.00	201,992
3135G0UU5	<u>FNMA Callable Note 1X3/6/2014</u>	03/06/2020	1.5%	150,000	1.06	1.13	153,717.00	153,221
3135G0ZA4	<u>FNMA Note</u>	02/19/2019	2.0%	200,000	1.08	0.94	204,258.00	204,615
3137EADM8	<u>FHLMC Note</u>	10/02/2019	2.0%	200,000	1.08	1.05	201,074.00	201,254
3133782M2	<u>FHLB Note</u>	03/08/2019	2.0%	200,000	1.09	0.98	202,254.00	202,642
3133EGCA1	<u>FFCB Note</u>	06/03/2019	2.0%	200,000	1.11	0.96	199,716.00	200,526
3133EFW52	<u>FFCB Note</u>	07/01/2019	2.0%	200,000	1.12	1.00	200,162.00	200,826
3137EADZ9	<u>FHLMC Note</u>	04/15/2019	2.0%	200,000	1.14	0.93	199,932.00	201,000
Commercial Paper			4.5%				448,431.66	449,109
06538BJU8	<u>Bank of Tokyo Mitsubishi NY Discount Note</u>	09/28/2016	2.0%	200,000	0.77	0.77	199,493.33	199,826
21687AMK6	<u>Rabobank Nederland NV NY Discount CP</u>	12/19/2016	2.4%	250,000	0.86	0.86	248,938.33	249,282
Money Market Fund FI			0.3%				29,585.21	29,585
31846V203	<u>First American Govt Obligation Fund</u>	08/17/2016	2.5%	29,585.21	0.00	0.00	29,585.21	29,585
Negotiable CD			2.5%				249,966.96	249,984
89113WBT2	<u>Toronto Dominion NY Yankee CD</u>	10/03/2016	2.4%	250,000	0.65	0.65	249,966.96	249,984

US Corporate			24.9%				2,485,074.88	2,485,917
24422ERF8	<u>John Deere Capital Corp Note</u>	09/15/2016	1.2%	123,000	0.73	0.68	123,394.83	123,111
713448CW6	<u>Pepsico Inc. Note</u>	07/17/2017	1.2%	125,000	0.81	0.91	125,403.75	125,247
717081DJ9	<u>Pfizer Inc. Note</u>	05/15/2017	1.2%	125,000	0.84	0.88	125,300.00	125,202
084664BS9	<u>Berkshire Hathaway Note</u>	05/15/2017	1.2%	125,000	0.88	0.91	125,850.00	125,640
69371RL87	<u>Paccar Financial Corp Note</u>	06/06/2017	1.2%	125,000	0.90	0.92	125,241.25	125,181
166764BC3	<u>Chevron Corp Note</u>	11/09/2017	1.2%	125,000	0.91	0.96	125,707.50	125,577
36962G5W0	<u>General Electric Capital Corp Note</u>	04/27/2017	1.2%	125,000	0.92	0.64	126,527.50	126,434
458140AL4	<u>Intel Corp Note</u>	12/15/2017	1.2%	125,000	0.94	0.99	125,742.50	125,596
747525AG8	<u>Qualcomm Inc Note</u>	05/18/2018	1.2%	125,000	1.05	1.02	125,840.00	125,825
594918BN3	<u>Microsoft Note</u>	08/08/2019	1.1%	115,000	1.14	1.17	114,881.55	114,761
808513AK1	<u>Charles Schwab Corp Callable Note Cont 2/10/2018</u>	03/10/2018	1.0%	100,000	1.17	1.21	100,576.00	100,416
48126EAA5	<u>JP Morgan Note</u>	08/15/2017	1.2%	125,000	1.19	1.21	126,131.25	125,976
30231GAP7	<u>Exxon Mobil Corp Note</u>	03/01/2019	1.2%	125,000	1.32	1.14	126,290.00	126,779
02665WAH4	<u>American Honda Finance Note</u>	08/15/2019	1.3%	125,000	1.32	1.30	128,545.00	128,460
037833AQ3	<u>Apple Inc Note</u>	05/06/2019	1.3%	125,000	1.35	1.20	127,667.50	127,993
89236TDE2	<u>Toyota Motor Credit Corp Note</u>	05/20/2019	1.2%	125,000	1.45	1.29	124,826.25	125,379
91159HHH6	<u>US Bancorp Callable Note Cont 3/25/2019</u>	04/25/2019	1.2%	125,000	1.48	1.35	127,482.50	127,713
06406HCW7	<u>Bank of New York Callable Note Cont 8/11/2019</u>	09/11/2019	1.3%	125,000	1.53	1.41	127,923.75	128,225
94974BFQ8	<u>Wells Fargo Corp Note</u>	01/15/2019	1.2%	125,000	1.59	1.37	126,778.75	127,306
40428HPH9	<u>HSBC USA Inc Note</u>	01/16/2018	1.2%	125,000	1.64	1.58	124,965.00	125,086
US Treasury			21.1%				2,107,729.66	2,105,883
912828TG5	<u>US Treasury Note</u>	07/31/2017	2.0%	200,000	0.57	0.63	199,844.42	199,757
912828UA6	<u>US Treasury Note</u>	11/30/2017	2.0%	200,000	0.61	0.70	200,039.73	199,804
912828K82	<u>US Treasury Note</u>	08/15/2018	2.0%	200,000	0.66	0.76	201,406.92	200,961
912828XJ4	<u>US Treasury Note</u>	06/30/2017	1.0%	100,000	0.67	0.62	99,957.36	100,007
912828RY8	<u>US Treasury Note</u>	12/31/2018	2.0%	200,000	0.67	0.79	203,453.79	202,726
912828J92	<u>US Treasury Note</u>	03/31/2017	2.0%	200,000	0.68	0.52	199,695.98	199,976
912828XK1	<u>US Treasury Note</u>	07/15/2018	2.0%	200,000	0.79	0.74	200,344.42	200,500
912828UF5	<u>US Treasury Note</u>	12/31/2019	2.0%	200,000	0.82	0.95	202,102.23	201,187
912828UB4	<u>US Treasury Note</u>	11/30/2019	2.0%	200,000	0.82	0.94	201,172.54	200,406
912828P20	<u>US Treasury Note</u>	01/31/2018	2.0%	200,000	0.84	0.72	199,703.79	200,076
912828R51	<u>US Treasury Note</u>	05/31/2018	2.0%	200,000	0.87	0.74	200,008.48	200,476
			100.0%				9,991,055.89	9,993,946

Active Lien Board Update

Balance as of 6/28/16: \$13,786.89

Payments received: \$982.52

New liens recorded:

ACTIVE

Active liens value \$157.60

Number of active liens 2

WRITTEN OFF

Written off liens value \$12,646.77

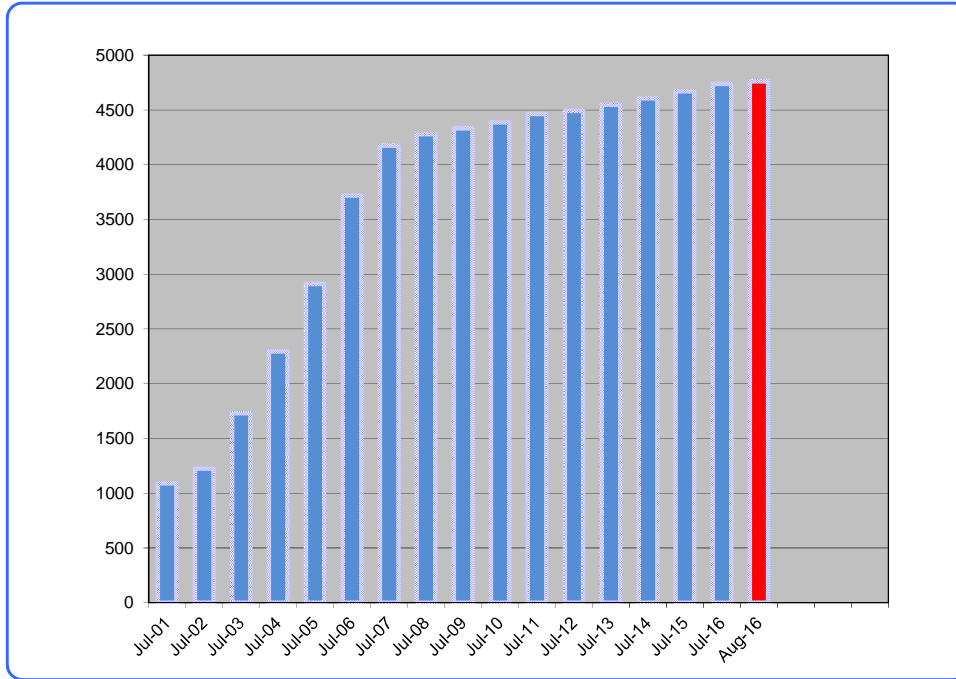
Number of written off liens 62

Released liens 6/13/07 - 8/23/16: \$168,697.40

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	Aug-16
CUSTOMERS	1090	1223	1729	2295	2910	3718	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	4760



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	1348	77%
The Retreat	525	517	98%
Toscana Hills	1443	0	0%
	<u>6611</u>	<u>4760</u>	72%

TOTAL CUSTOMER COUNT REPORT
July 31, 2016

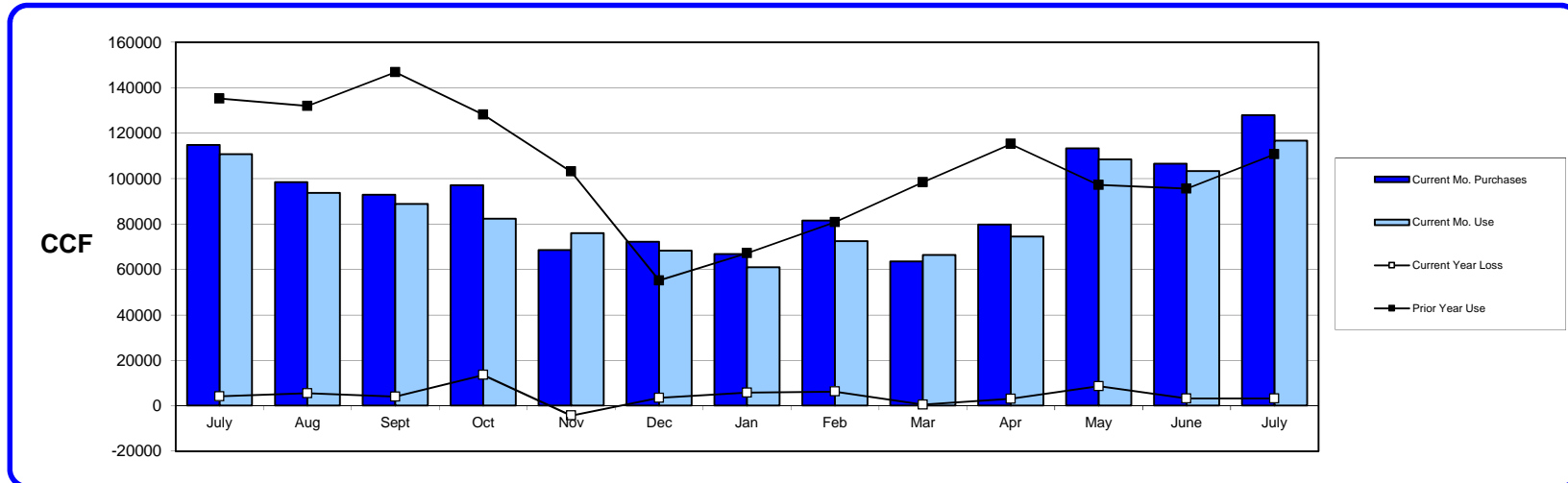
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 24				
Accts closed/transferred 81			Butterfield (305)	
Empty Homes 7			Calif. Meadows (345)	
Residential	4863	2	650	5515
Commercial	84	0	2	86
Commercial-fireheld inactive	41			41
Public Govt	3	1	0	4
Irrigation-Industrial	0	66	0	66
Non-Potable Water other	0	131	0	131
Construction-Bulk Sales	0	6	0	6
Total Active Customers				5849

DELINQUENT REPORT

Meters Read - Customers Billed	5156	
Received Delinquent Notice on current bill	441	8.55%
Turned Off for lack of payment	25	0.48%
Customers turned back on, amount paid	25	0.48%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	TOTAL
Beg Water Levels	10336	10341	9586	9587	10765	7718	8157	8223	11024	7649	9846	8387	8502	
Ending Water Levels	10341	9586	9587	10765	7718	8157	8223	11024	7649	9846	8387	8502	9117	
Cur Yearly Purchases	114760	98328	92777	96985	68505	72145	66752	81421	63424	79673	113267	106499	127829	1182365
Cur Yr Monthly Use	110679	93626	88794	82309	75904	68282	60973	72419	66313	74479	108426	103216	116641	1122061
Prior Yr Monthly Use	135128	131960	146751	128147	103024	55145	67177	80811	98395	115197	97158	95479	110679	1365051

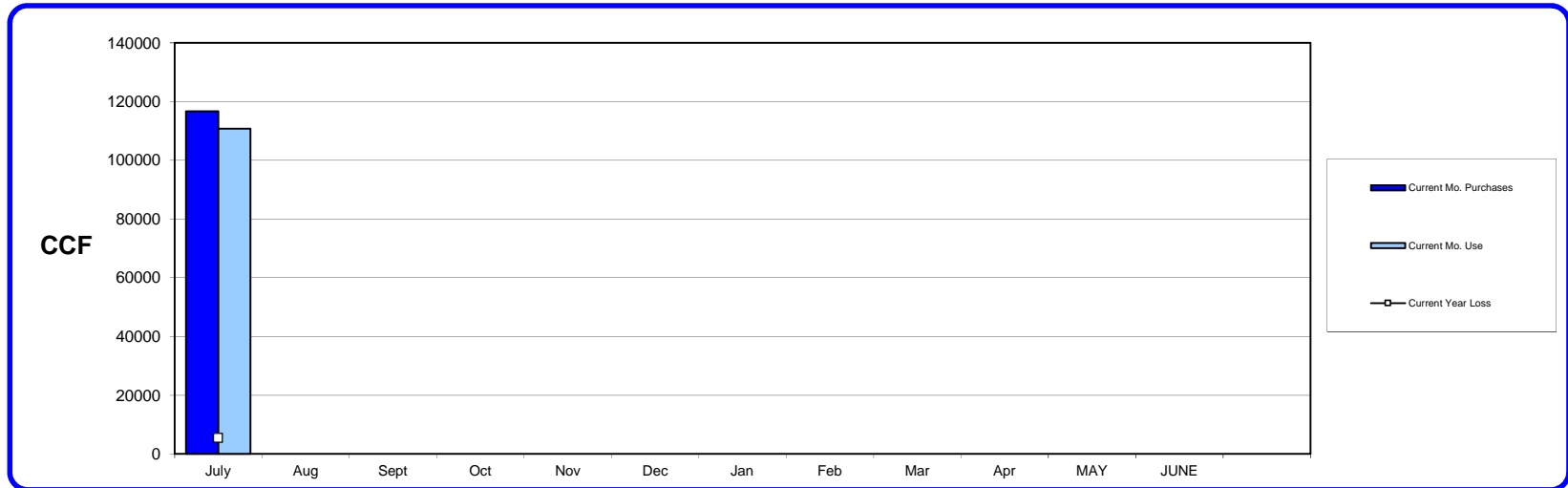


KEY
2014-2015
2015-2016
2016-2017

SUMMARY	CCF
Beginning Water in System	10336 CCF
Water Purchased in last 13 months	1182365 CCF
Water Used in last 13 months	1122061 CCF
Water Remaining in System	9117 CCF
(Loss)/Gain over last 13 months	(61523) CCF
	-5.20%

WATER USAGE REPORT FOR FY 2016-2017

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	TOTAL	
Beg Water Levels	8502													
Ending Water Levels	9117													
Cur Yearly Purchases	116641												116641	
Cur Yr Monthly Use	110679												110679	
GAIN/LOSS (UNITS)	5347												5347	

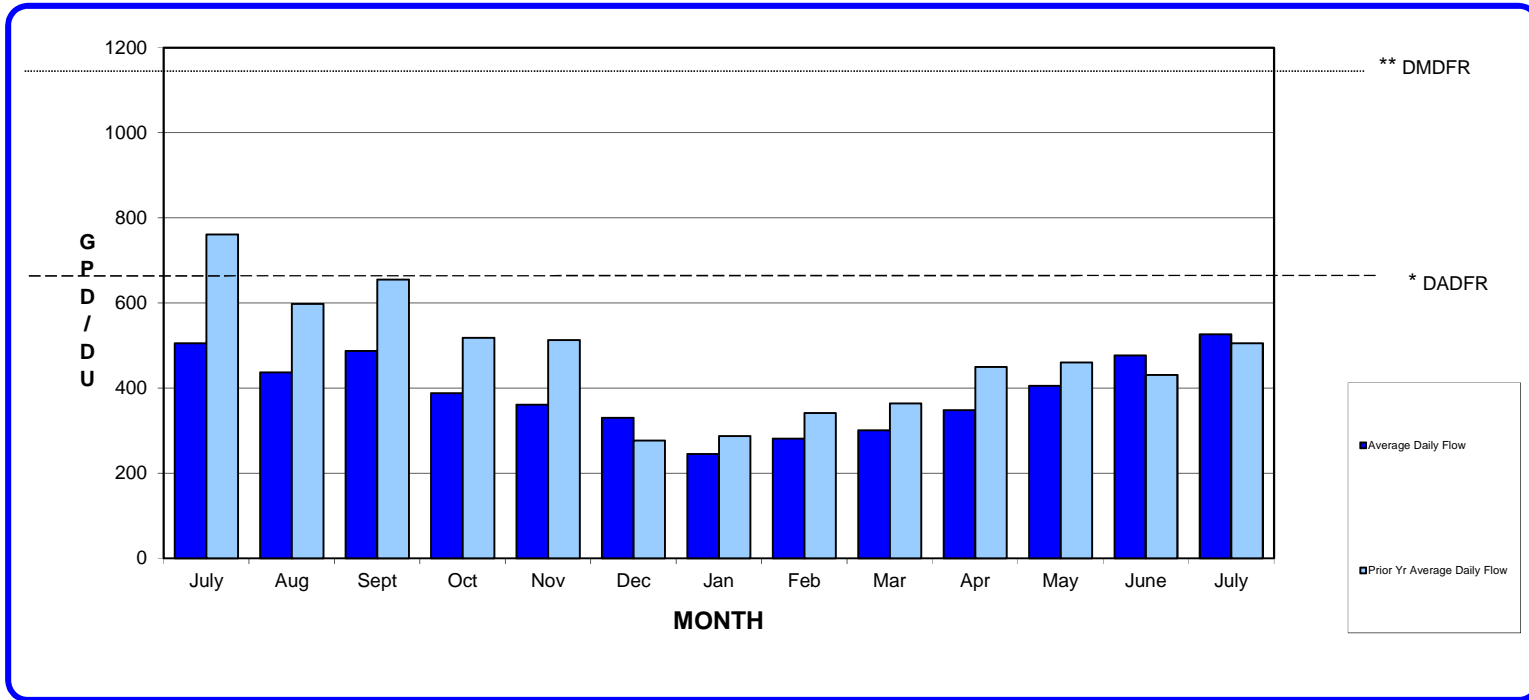


YEAR	%
2014-2015	-5.61
2015-2016	-4.83

SUMMARY	CCF
Beginning Water in System	8502 CCF
Water Purchased	116641 CCF
Water Used	110679 CCF
Water Remaining in System	9117 CCF
(Loss)/Gain FY to date	(5347) CCF
	-4.58%

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

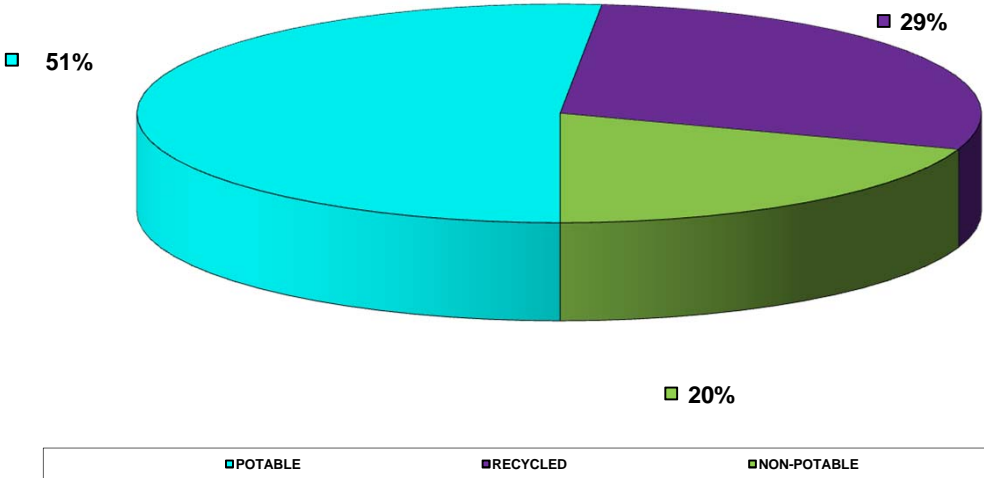
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	YEARLY AVERAGE
Average Daily Flow	505	437	487	388	361	330	245	281	301	348	405	477	526	382
Prior Yr Average Daily Flow	761	598	655	518	513	277	287	341	364	450	460	431	505	450



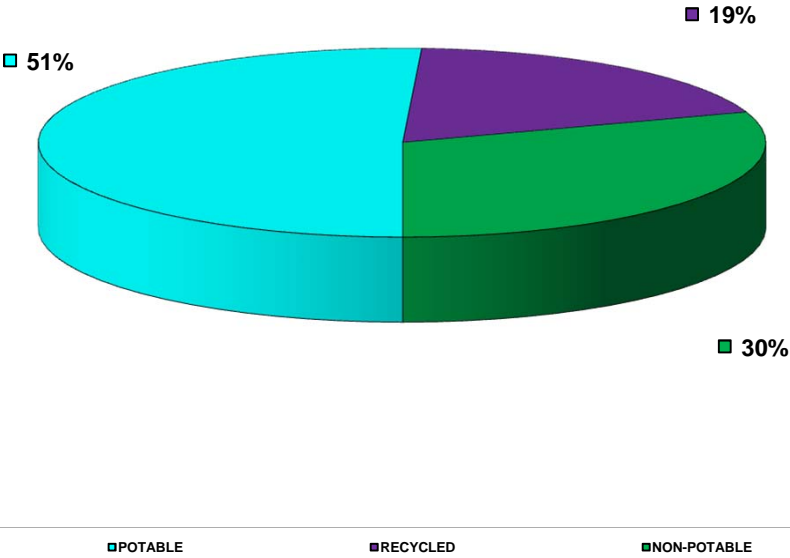
Key
 2014-2015
 2015-2016
 2016-2017

* 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 One Month Ending Jul 31, 2016
F/Y 2016-2017**

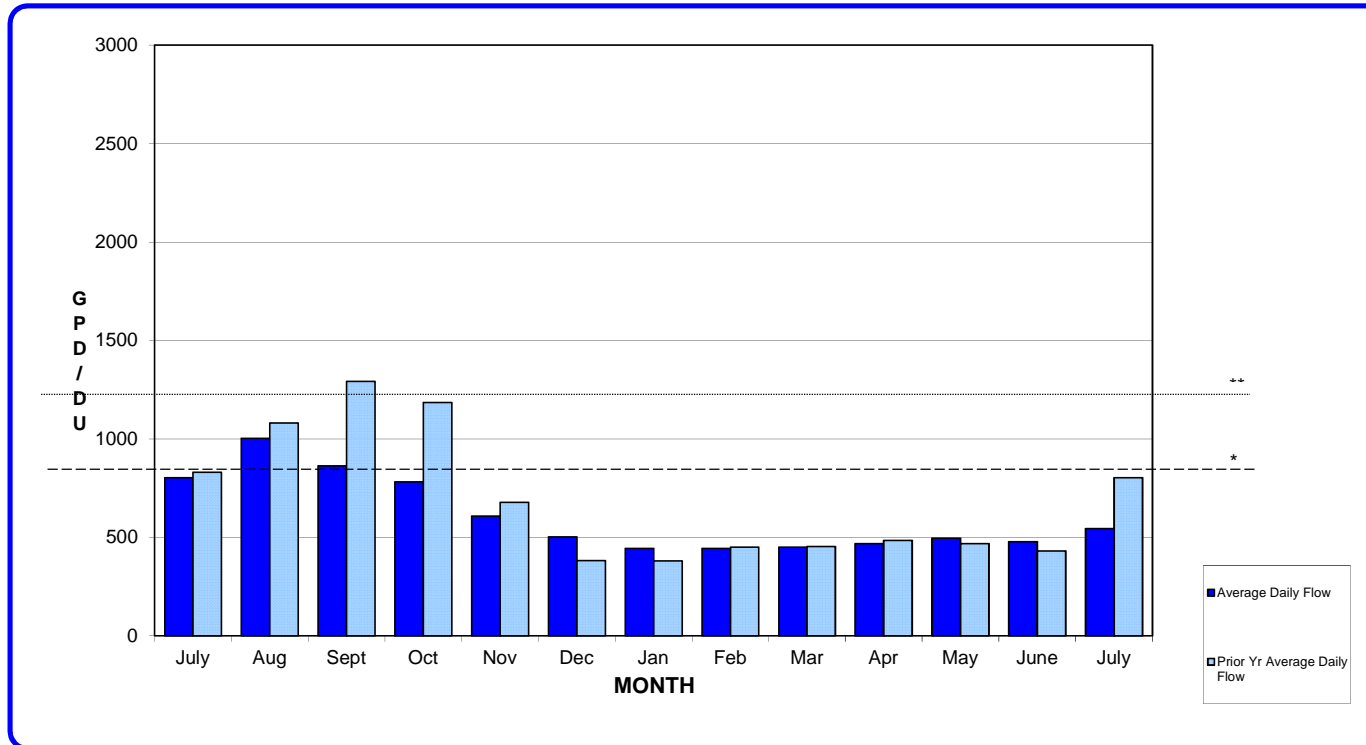


**Temescal Valley Water District
Water Volume Sold
For F/Y 2015-2016
Twelve Months**



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

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	YEARLY AVERAGE
Average Daily Flow	803	1004	863	782	608	503	444	444	451	469	496	478	546	591
Prior Yr Average Daily Flow	831	1081	1293	1185	679	383	381	451	454	485	469	431	803	1156



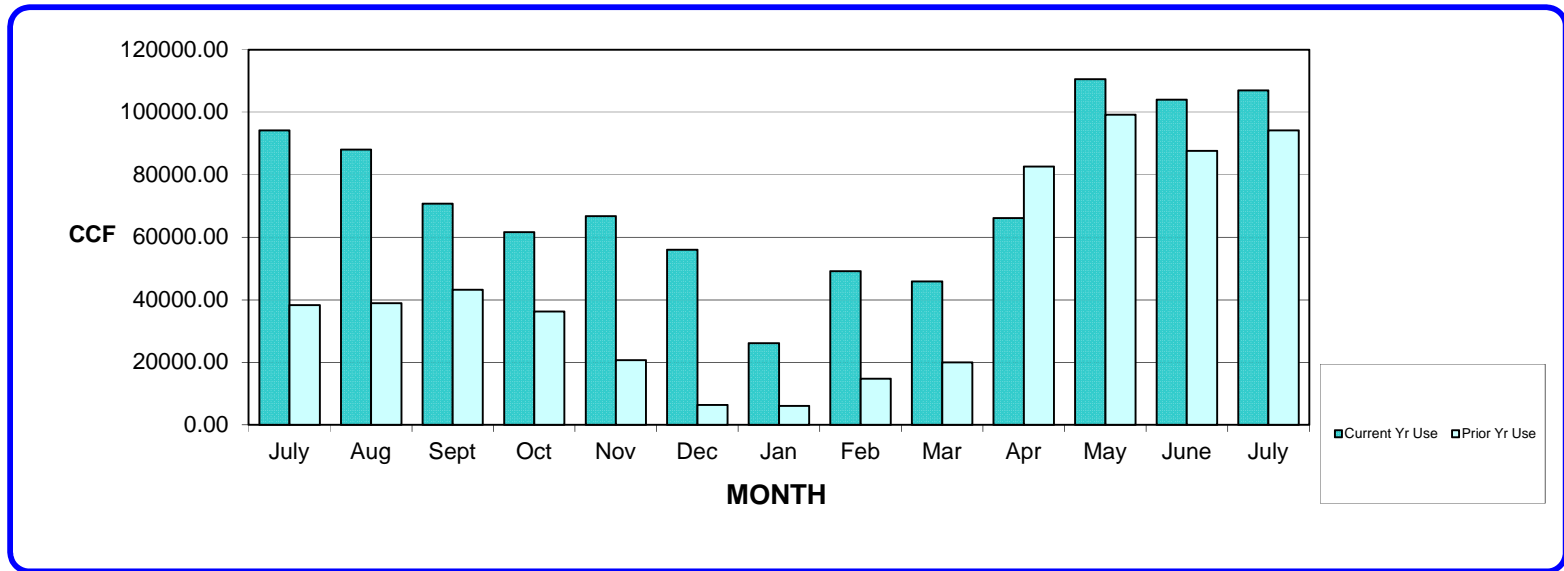
Key
2014-2015
2015-2016
2016-2017

- * 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)

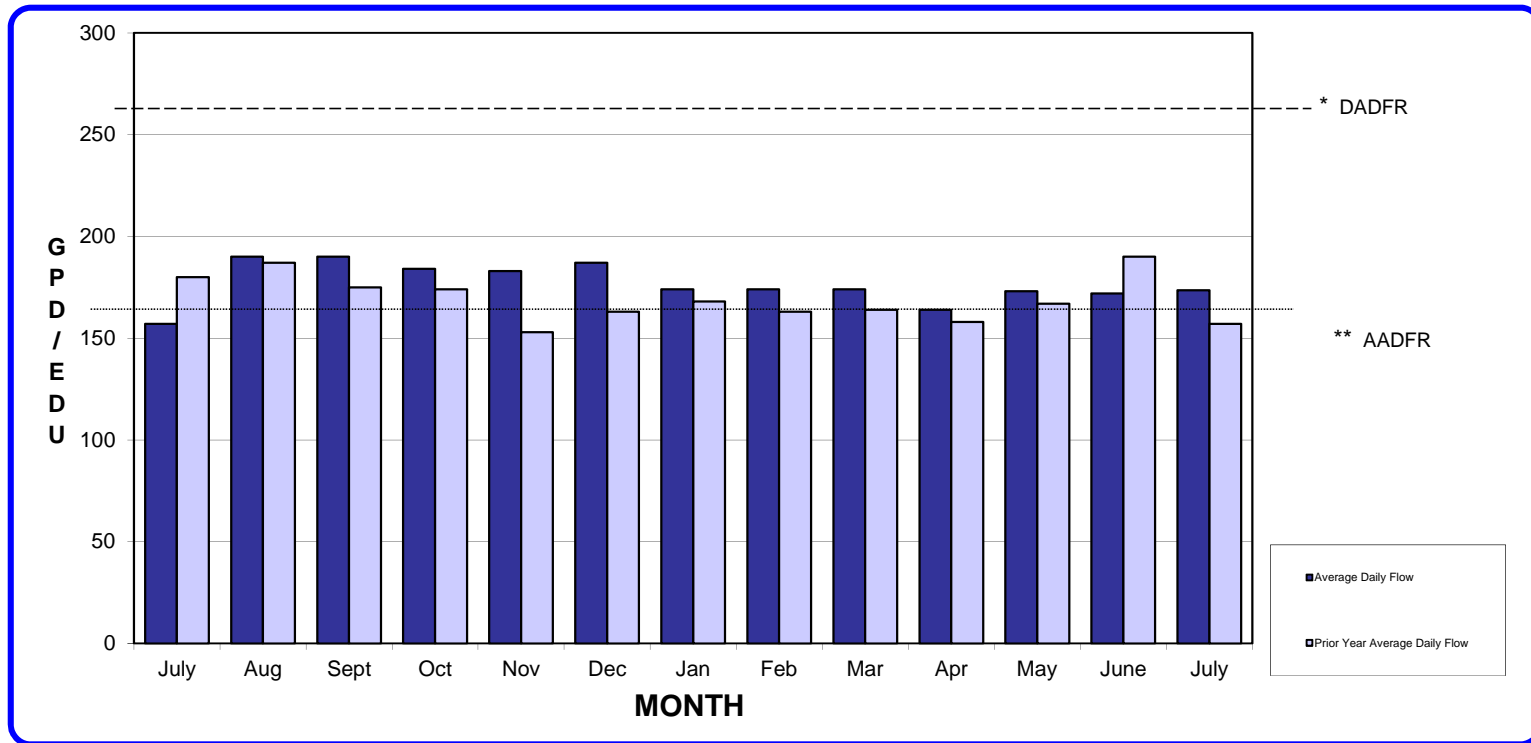
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
Current Yr Use	94170.28	88058.82	70781.92	61621.08	66739.00	56050.32	26122.81	49169.19	45887.67	66124.51	110560.21	104019.74	106957.12
Prior Yr Use	38289.85	38920.08	43204.53	36215.46	20721.94	6409.58	6042.52	14725.03	19938.46	82604.83	99197.00	87702.00	94170.28
Revenue	\$166,273	\$135,362	\$122,608	\$106,221	\$112,800	\$94,725	\$44,147	\$84,561	\$77,550	\$77,550	\$190,723	\$179,425	\$183,977



Key
2014-2015
2015-2016
2016-2017

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

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	12-Month Average
Average Daily Flow	157	190	190	184	183	187	174	174	174	164	173	172	173	191
Prior Year Average Daily Flow	180	187	175	174	153	163	168	163	164	158	167	190	157	168



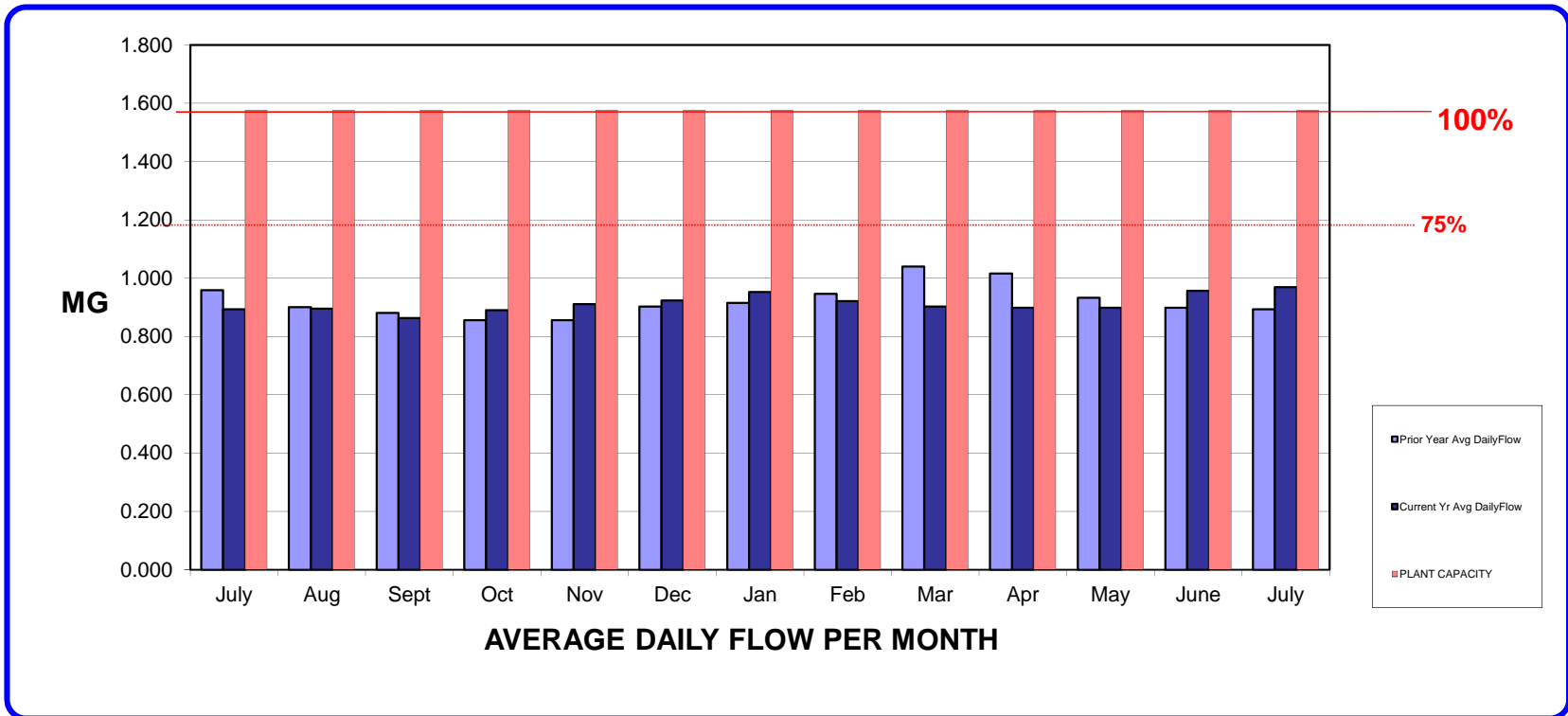
Key
2014-2015
2015-2016
2016-2017

- * DESIGN AVERAGE DAILY FLOW RATE IN GPD (260)
- ** ACTUAL AVERAGE DAILY FLOW RATE (168)

RECLAMATION PLANT FLOW REPORT AVERAGE DAILY FLOW (Million Gallons)

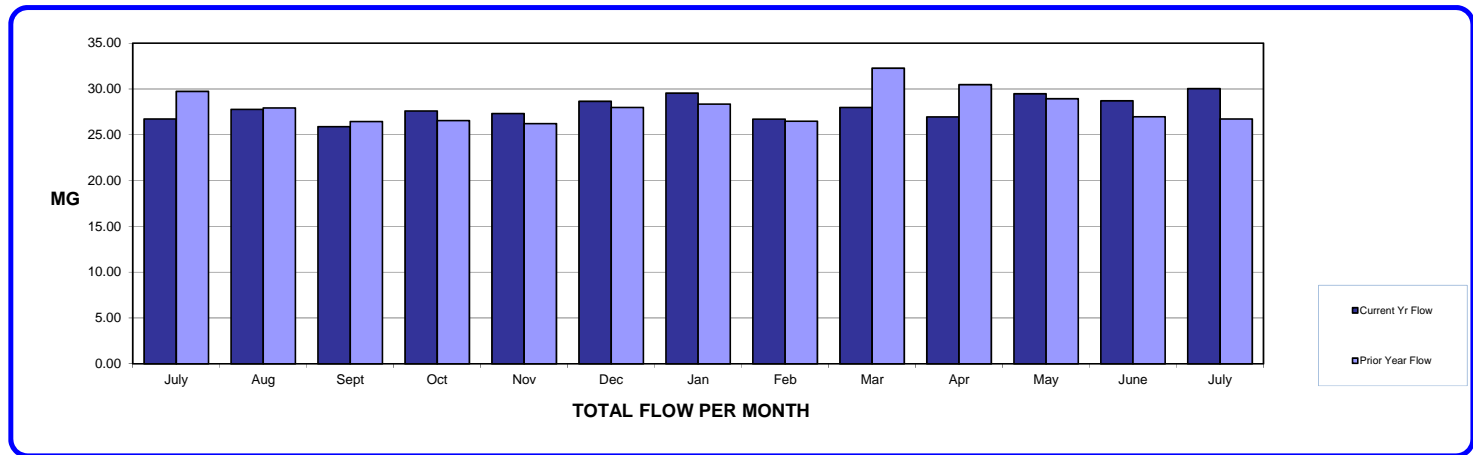
Key	
2013-2014	
2014-2015	
2015-2016	

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
Current Yr Avg DailyFlow	0.8930	0.8960	0.8630	0.8900	0.9110	0.9240	0.9530	0.9210	0.9030	0.8990	0.8990	0.9570	0.9690
Prior Year Avg DailyFlow	0.9590	0.9010	0.8810	0.8560	0.8560	0.9030	0.9150	0.9460	1.0400	1.0160	0.9330	0.8990	0.8930
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)

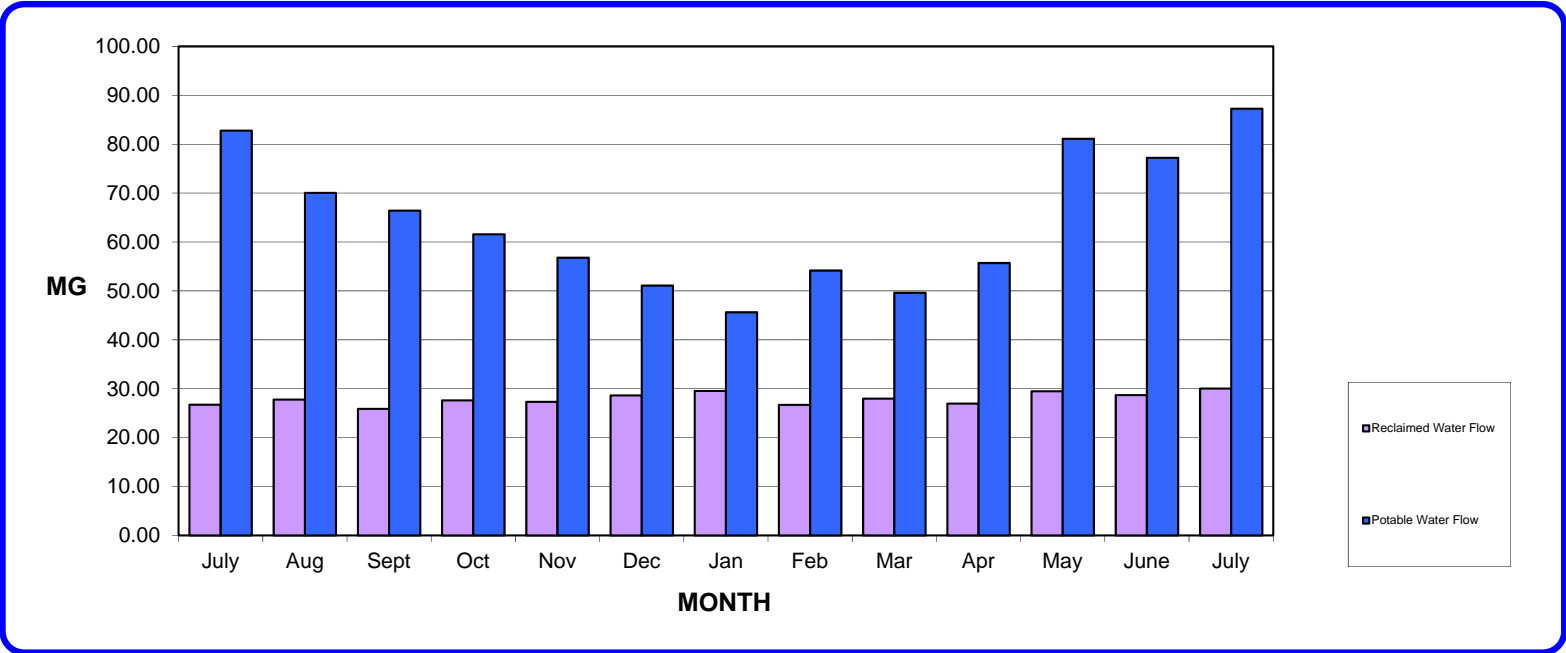
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Total/yr
Current Yr Flow	26.72	27.78	25.88	27.60	27.32	28.64	29.54	26.71	27.99	26.96	29.47	28.70	30.03	336.62
Prior Year Flow	29.74	27.94	26.44	26.55	26.22	27.99	28.35	26.48	32.26	30.47	28.92	26.97	26.72	335.31
Potential Revenue	\$60,360	\$62,755	\$58,463	\$62,337	\$61,716	\$64,700	\$66,740	\$84,561	\$63,220	\$60,894	\$66,582	\$64,842	\$67,836	\$784,645
Current Month Revenue	\$37,184	\$56,725	\$44,873	\$38,434	\$20,598	\$11,332	\$18,687	\$55,530	\$56,976	\$71,894	\$71,894	\$106,496	\$106,496	\$659,935
Additional Potential Rev	\$23,176	\$6,030	\$13,590	\$23,903	\$41,118	\$53,368	\$48,052	\$29,031	\$6,245	(\$11,000)	(\$5,312)	(\$41,654)	(\$38,660)	\$124,711



Key
 2014-2015
 2015-2016
 2016-2017

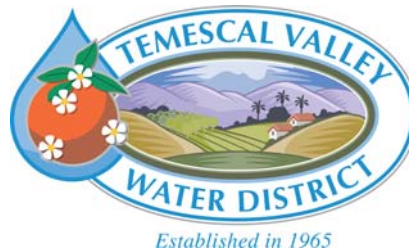
RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
No. of Sewer Dwelling Units Connected	5432	5432	5429	5430	5457	5471	5470	5480	5493	5492	5513	5507	5515
Reclaimed Water Flow	26.72	27.78	25.88	27.60	27.32	28.64	29.54	26.71	27.99	26.96	29.47	28.70	30.03
Potable Water Flow	82.79	70.03	66.42	61.57	56.78	51.08	45.61	54.17	49.60	55.71	81.10	77.21	87.25



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	29.0	37.1	25.9	106.6			
AVG '08-'09	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											
Sep-16											
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.)



August 23, 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 - **Retreat**
- 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
 - Dawson Canyon RW Tank Construction – **in operation – Completion July 1st**
 - Park Canyon Drive RW line - **Design**
- Terramor CFD
- Terramor Review:
 - New sewer lift station - **Signed**
 - Percolation area
 - RW and Potable Tank Siting
- Terramor Onsite Water, Sewer and RW improvements
 - 1320 Water line
 - 1509 Water line
 - Back Bone Gravity Sewer
 - Potable Water Booster Upgrade
 - RW Water
- 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



Fact Sheet

State Water Resources Control Board Posts 36-Month Urban Water Supply Stress Test Submissions

On May 18, the State Water Resources Control Board adopted a statewide water conservation approach that allows urban water suppliers to replace their prior state-assigned percentage target reduction with a localized “stress test” approach based on a showing of whether they have at least a three-year water supply under extended drought conditions.

The revised emergency regulation followed significantly improved water supply conditions in most of the state and recognition that urban water suppliers are now better positioned to respond to drought impacts following their experiences conserving upwards of 24 percent of their water use over the past 13 months than they were in mid-2015.

The revised regulation requires individual urban water suppliers to self-certify the level of available water supplies they have assuming three additional dry years. Wholesale water agencies were also required to include documentation about how regional supplies would fare under three additional dry years. Both urban water suppliers and wholesale suppliers are required to report the underlying basis for their assertions, and urban water suppliers are required to continue reporting their conservation levels. The State Water Board has not independently verified the information, but reserves the ability to reject certifications later found to be erroneous.

Several Benefits to Three Year “Stress Test” Effort

The purpose of the three-year “stress test” was to acknowledge both the level of water supplies available to different areas, through improved hydrology and/or significant investments in new supplies, e.g., recycled water, groundwater banking, local surface and groundwater storage, desalination, stormwater capture, or other methods. By choosing a three-year conservative planning horizon, the state could step back this year from its unprecedented specific target setting.

Water suppliers that would experience shortage conditions in 2019 under the three-dry-years assumptions must meet a state-imposed conservation standard equal to the shortage level. For example, a supplier with a 12 percent shortage will now have a 12 percent conservation standard. Water suppliers whose submittals show no shortage conditions are limited to their 2013 water use and are encouraged to conserve more.

Submitting a self-certification was optional. Water suppliers that did not submit self-certifications will retain their conservation standard from March 2016, which 32 decided to accept. Others, even if they meet the “stress test,” are expected to and have retained either a percentage or other requirement-based conservation program. The State Water Board will continue to monitor and require reporting of water use and conservation results monthly throughout the year.



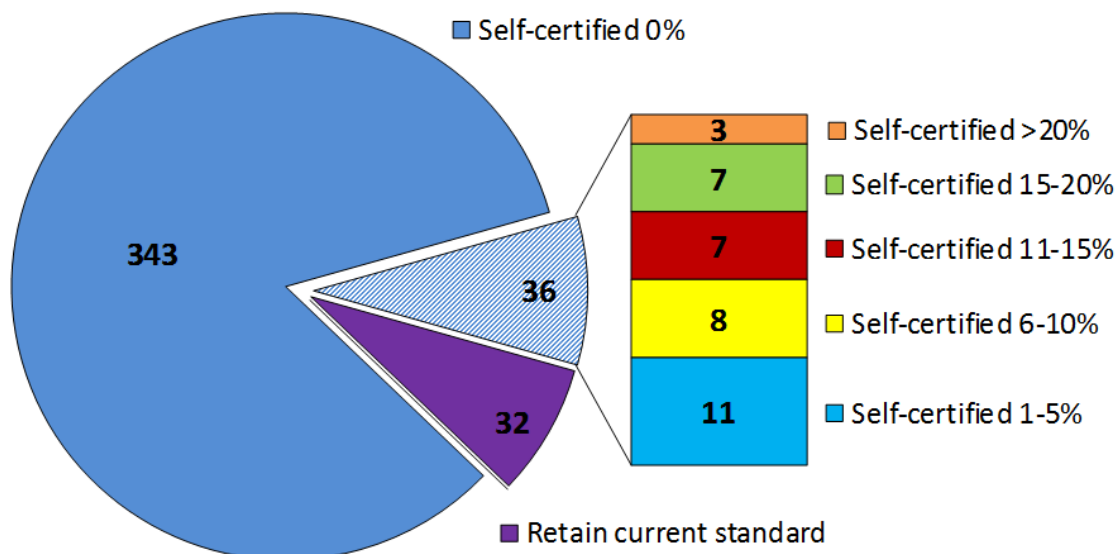
All state-imposed conservation standards will be in place through January 2017, at which point the State Water Board will evaluate water supply conditions and the level of conservation savings and determine whether additional emergency conservation regulations are necessary. Executive Order B-37-16 directs the State Water Board to be prepared to reestablish mandatory conservation levels if conditions warrant.

Hundreds of Submitted, Individual Self Certified Tests Reviewed

State Water Board staff reviewed the self-certification submittals to ensure they were complete, well-documented, and clear. Since the June 22 submission deadline, staff has worked to follow up with suppliers whose self-certifications were inadequate.

Nearly all of the water suppliers that were contacted about an inadequate self-certification furnished additional information. However, nine suppliers' submissions are still inadequate, and these suppliers were issued Informational Orders on August 16, 2016. Those suppliers will have to provide the identified additional information to the State Water Board. Suppliers that do not provide complete self-certifications may have them rejected, and be returned to their March 2016 conservation standard. If a supplier does not respond to an Information Order within 30 days, the supplier may also face monetary penalties.

The majority of suppliers projected sufficient potable water supply under three additional years of drought and passed the "stress test", meaning zero percent state-mandated conservation standard compared to 2013. Thirty-six suppliers identified new conservation standards based on supply shortfall from "stress test" results. Thirty-two urban water suppliers did not submit "stress test" and retain March 2016 conservation standard. The figure below shows the results of the self-certifications and status of conservation standards.



*The above results include one supplier new to reporting that also submitted "stress test" information, bringing the total number of urban water suppliers to 411.

More than 4.2 million Californians are served by the 68 urban water suppliers that will have a state-mandated conservation standard, either based on the “stress test” results or because suppliers opted to keep their existing conservation standard.

Despite the conservation standard of zero percent, the majority of water suppliers reported [water savings in June 2016](#) compared to June 2013. In the Bay Area, Contra Costa Water District, Dublin San Ramon Services District, and Alameda County Water District are among 17 water suppliers that passed their “stress test” and reported water conservation above 25 percent in June 2016. Additionally, several agencies opted to maintain voluntary conservation standards above the requirements based on the “stress test” results.

The regulation keeps in place the monthly reporting requirements and specific prohibitions against certain water uses. Those prohibitions include watering down a sidewalk with a hose instead of using a broom or a brush, or overwatering a landscape to where water is running off the lawn, over a sidewalk and into the gutter. Prohibitions directed to the hospitality industry also remain in place. Prohibitions against homeowners associations taking action against homeowners during a declared drought remain as well. As directed by Governor Brown’s [Executive Order B-37-16](#), the Board will separately take action to make some of these requirements and prohibitions permanent.

The adopted regulation is the result of review of many meetings, written and oral comments from a public workshop on [April 20](#) to receive input on conservation needs through the summer and fall, and lessons learned since the Water Board first adopted drought emergency water conservation regulations.

Governor and Board Actions Achieved Historic Conservation Statewide

In his April 1, 2015 [Executive Order](#), Governor Brown mandated a 25 percent water use reduction by users of urban water supplies across California.

In May 2015, the State Water Board adopted an emergency regulation requiring a cumulative 25 percent reduction in overall potable urban water use over the following 9 months. The [May 2015 Emergency Regulation](#) used a sliding scale for setting conservation standards, so that communities that have already reduced their residential gallons per capita per day (R-GPCD) through past conservation had lower mandates than those that had not made such gains since the last major drought. Conservation tiers for urban water suppliers were set between eight percent and 36 percent, based on residential per capita water use for the months of July - September 2014.

During this time, statewide water conservation was [unprecedented](#). In those 10 months alone, the state realized nearly a 24 percent savings in water use as compared to same months in 2013, resulting in some 1.30 million acre-feet of water conserved throughout California, enough to supply 6.5 million people with water for an entire year.

On Feb. 2, 2016, based on Governor Brown's [November 2015 Executive Order](#), the State Water Board approved an updated and extended emergency regulation that continued mandatory reductions through October.

The [February 2016 Emergency Regulation](#) responded to calls for continuing the conservation structure that has spurred such dramatic savings, while providing greater consideration of some localized factors that influence water needs around the state: climate differences, population growth and significant investments in new local, drought-resilient water supplies such as potable wastewater reuse and desalination. The February Emergency Regulation was superseded by the Board's May 18 emergency regulation. Under the new reporting structure adopted by the Board May 18, water districts will continue to [report water use](#), but had the option of identifying a new conservation standard based on any shortfall in projected supply over three drought years.

The State Water Board's May 18 emergency regulation responded in part to Governor Brown's May 9, 2016 [Executive Order](#) directing actions aimed at using water wisely, reducing water waste, and improving water use efficiency for the years and decades ahead. The Executive Order, in part, directed the State Water Board to extend the emergency regulations for urban water conservation through the end of January 2017. As called for in his Executive Order, it is anticipated the State Water Board will be working closely with the Department of Water Resources and other agencies to define and establish water efficiency standards for the state to ensure a more reliable water supply and to make state water users more resilient and prepared over the long-term.

(This fact sheet was last updated August 15, 2016)

TEMESCAL VALLEY WATER DISTRICT
 POTABLE WATER USAGE
 SWRCB TRACKING

Residential Delivery 80.00%
 4543 Population 15543 3.421307506

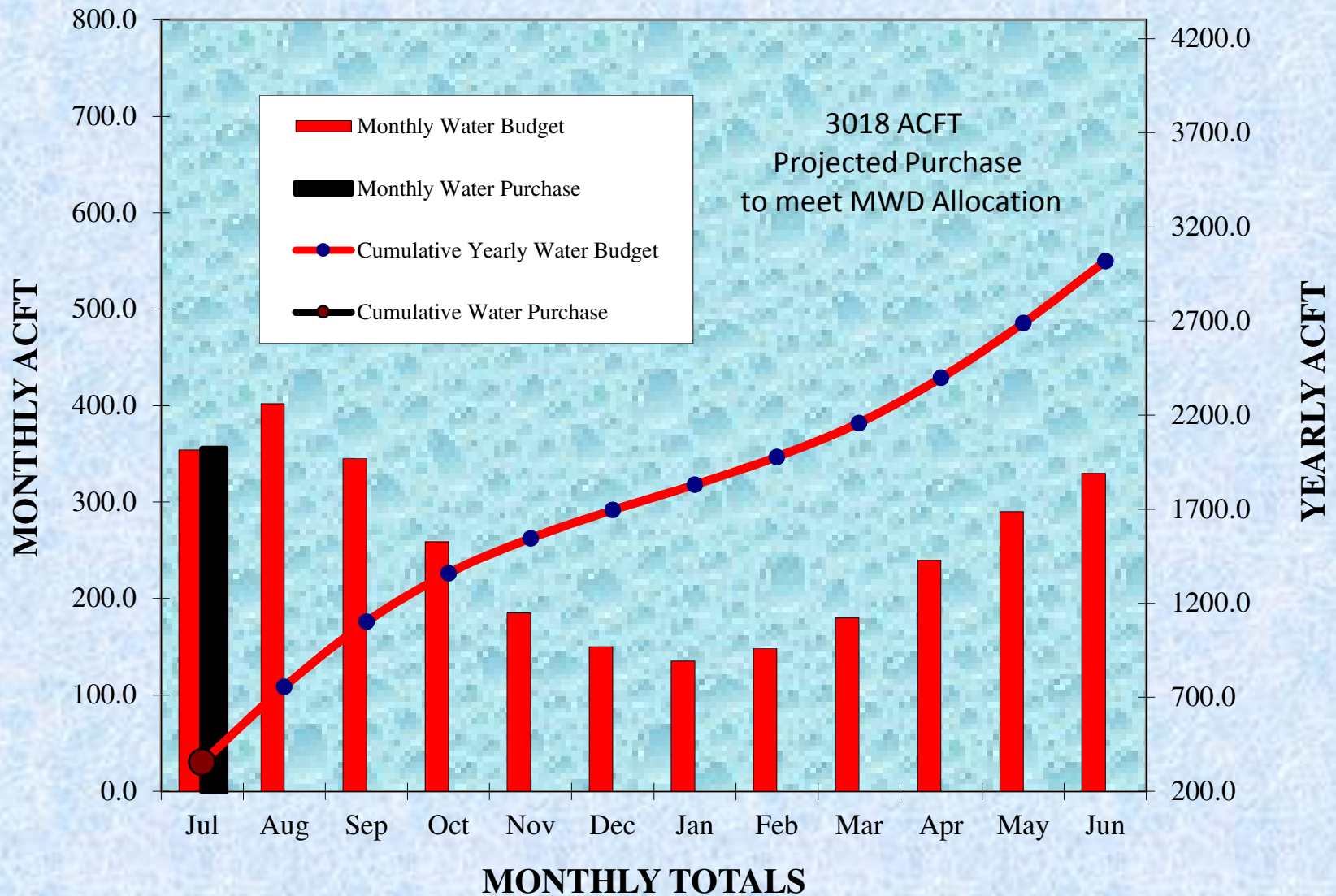
Residential Delivery 80.00%
 Population 15543

	2013(units)	Gallons	Residential	GPCD	2014(units)	Gallons	Residential	GPCD	2015(units)	2016(units)	Gallons	Residential	GPCD	2013vs2015
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	7.62%
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	-30.56%
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	-28.83%
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	-8.18%
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	108,210	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	93,622		70,029,256	56,023,405	120.1	-40%
SEPT	143,899	107,636,452	86,109,162	185	146,670	109,709,407	87,767,525	188	86,900		65,001,200	52,000,960	111.5	-40%
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			883,536.39	Units				
	3,000.98	ACFT			3,033.80	ACFT			2,028.32	ACFT				
	Sum of Residential Water				Sum of Residential Water									
	SWRCB Water Year ending May 31, 2013 782,245,235				SWRCB Water Year ending July 31, 2016 592,449,744									
					SWRCB AVG SAVINGS -24.26%									

WHOLESALE BUDGET vs PURCHASE

Water Year July 2016 through June 2017

3018 ACFT ALLOCATION





March 23, 2016

Mr. Tim Godwin, Engineering Geologist
Department of Water Resources
P.O. Box 942836
Sacramento, CA 94236

Dear Mr. Godwin:

Temescal Valley Water District (TVWD, formerly Lee Lake Water District) is the local purveyor of potable and reclaimed water for residents in the Temescal Valley area. The District obtains imported water from the Metropolitan Water District of Southern California and also jointly manages local groundwater in its service area, coordinating with the City of Corona (Corona) and Elsinore Valley Municipal Water District (EVMWD).

I am writing in support of the basin boundary modifications proposed by Corona and EVMWD. Those modifications would create a new basin – Bedford-Coldwater Basin – by separating the hydraulically-distinct northwestern portion of the Elsinore Basin from the remainder of that basin and modifying the boundary with the adjoining Temescal Subbasin to include all EVMWD wells. Further, modifications would modify the lateral boundaries of the new Bedford-Coldwater Basin and the revised Elsinore Basin to align more closely with the contact of alluvial deposits as recently mapped by the U.S. Geological Survey.

These modifications are consistent with current local groundwater management activities and provide a strong basis for local control as envisioned by the Sustainable Groundwater Management Act (SGMA). The TVWD service area covers most of the new Bedford-Coldwater Basin, but does not extend south into the revised Elsinore Basin. We have coordinated with Corona and EVMWD during this process and participated in the development of the proposed basin boundaries. We have published this information on our website for more than a month and have reviewed the material for the request submittal.

Thank you for allowing TVWD to comment on this basin boundary modification request. Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeff R. Pape', with a stylized flourish at the end.

Jeff R. Pape
General Manager

Temescal Valley Water District

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



Department of Water Resources Basin Boundary Modification Request System

Corona City Of - 8-04 ELSINORE, 8-02.09 UPPER SANTA ANA VALLEY - TEMESCAL

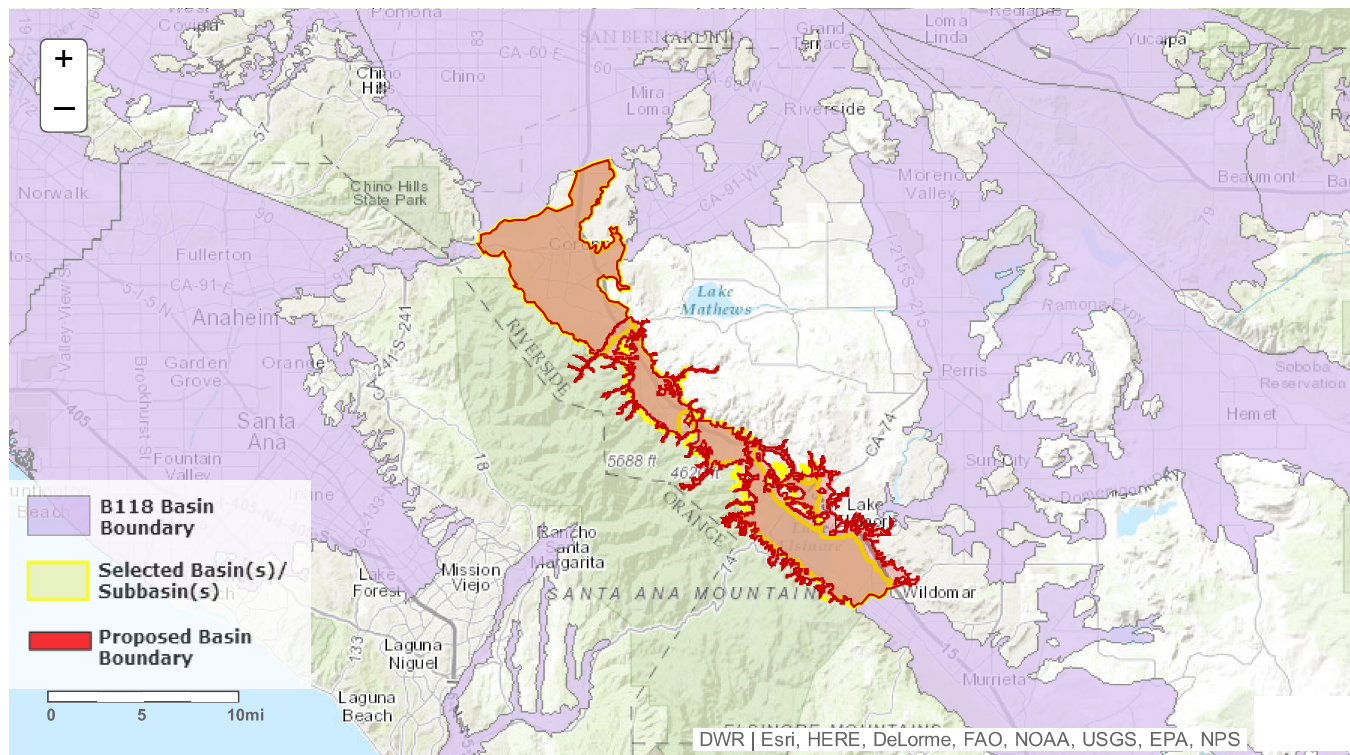
A. Applicant Information

Requesting Agency Information

Agency Name: Corona City Of
Address: Department of Water and Power, 755 Public Safety Way
City: Corona **Zip:** 92880
Work Phone: (951) 279-3660 **Cell Phone:** (951) 830-2319
Email: tom.moody@ci.corona.ca.us **Fax:**

Revision Request Manager Information

Person Name: Tom Moody
Address: Department of Water and Power, 755 Public Safety Way
City: Corona **Zip:** 92880
Work Phone: (951) 279-3660 **Cell Phone:** (951) 830-2319
Email: tom.moody@ci.corona.ca.us **Fax:**



B. Description of Proposed Boundary Modification

1. Short Description

Partition the Elsinore Basin in two basins and align boundaries of both basins with alluvium.

2. Type of basin boundary revision

Scientific External
 Scientific Internal
 Jurisdiction Internal

3. Provide a narrative overview of the boundary modification request and how the resulting modification would affect likelihood of sustainable management.

An overview of the basin boundary modification request and advantages for sustainable management are described in the attached file. As noted in the attachment, the three primary agencies located in the affected areas are cooperating on this request including the City of Corona (Corona), Elsinore Valley Municipal Water District (EVMWD), and Temescal Valley Water District (TVWD). Corona and EVMWD are submitting this combined request, supported by TVWD. Also included in the attachment are a series of maps (Figures 1 through 7) that illustrate the current and modified basin boundaries, the service areas of the three agencies, additional agencies near the affected areas, local hydrologic features, and a long-term hydrograph for the proposed new Bedford-Coldwater Basin.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section B-3.pdf \(12.6MB\)](#) Uploaded on 03/31/2016 at 04:32PM

4. List the existing basin(s)/subbasin(s) to be modified by this request

8-04 ELSINORE
 8-02.09 UPPER SANTA ANA VALLEY - TEMESCAL

5. Provide the proposed name for the new basin(s) or subbasin(s)

Bedford-Coldwater 8-10

C. Initial Notification and Combination of Requests

1. Was an initial notification submitted to the Department?

Yes

List of submitted initial notification for the selected basin(s)/subbasin(s).

Local Agency	Potential Basin(s)/Subbasin(s)
Elsinore Valley Municipal Water District	8-04 ELSINORE
Corona City Of	8-04 ELSINORE

2. Does this application include a combination of requests?

Yes

If yes, describe:

As stated above, two modifications are proposed to the existing Elsinore Basin (8-4). The first is to remove the Bedford-Coldwater area from the Elsinore Basin and create the new Bedford-Coldwater Basin (8-10), which also modifies slightly the southern boundary of the Temescal Subbasin (8-02.09). The second is to revise the lateral boundaries of both the new Bedford-Coldwater Basin and the Elsinore Basin to align with the contact between the alluvium and consolidated geologic units.

D. Required Documents for All Modifications

1. A copy of the statutory or other legal authority under which the requesting agency was created with specific citations to the provisions setting forth the duties and responsibilities of the agency.

Attachment(s):

[City of Corona, Legal Authority.pdf \(1.2MB\)](#) Uploaded on 03/28/2016 at 10:31AM

[EVMWD, Rules for Organization-Articles.pdf \(633.5kB\)](#) Uploaded on 03/28/2016 at 10:31AM

2. A copy of the signed resolution adopted by the requesting agency formally initiating the boundary modification request process.

Attachment(s):

[City of Corona, Boundary Modification Resolution, 3-2-2016.pdf \(106.7kB\)](#) Uploaded on 03/28/2016 at 10:31AM
[EVMWD, Boundary Modification Resolution, 03-10-16.pdf \(661.7kB\)](#) Uploaded on 03/28/2016 at 10:31AM

3. A map of adequate scale (no greater than 1:24,000; e.g., 1:10,000 is not acceptable) showing the proposed modified basin boundary in relation to the existing Bulletin-118 basin boundary and the local agencies that are within or bordering the existing and proposed basin.

Attachment(s):

[Figure 6 - Proposed Elsinore Basin Boundary Modifications and Local Agencies.pdf \(3.8MB\)](#) Uploaded on 03/28/2016 at 10:32AM

4. A GIS shapefile of the proposed modified groundwater basin boundaries. [Download Existing B118 basin shape file | DWR Spatial Data Standards](#)

Attachment(s):

[BedfordColdwater_and_Elsinore_Basin_Modifications.zip \(171.7kB\)](#) Uploaded on 03/28/2016 at 11:56AM

5. A GIS shapefile of the political boundaries of any affected or adjacent local agency. [Download water agency shape file](#)

Attachment(s):

[Agencies_Affected_Elsinore_Basin_Modifications.zip \(352.6kB\)](#) Uploaded on 03/28/2016 at 11:56AM

6. Any information, if necessary, to enable DWR to satisfy the requirements of a responsible agency pursuant to the California Environmental Quality Act.

As documented in the Staff Report for the Corona City Council meeting on March 2, 2016 (Agenda Report Item 3.G.3, page 201), the City determined no environmental review is required because the proposed action is exempt under the California Environmental Quality Act, or CEQA?. EVMWD agrees with this determination, as noted in the Staff Report for the EVMWD Board meeting on March 10, 2016 (Agenda Report item 1.G, page 43). Even if the action were considered a project under CEQA, the basin boundary modification would have no impact on the environment.

Attachment(s):

[EVMWD, Board Meeting Agenda and Packet, 3-10-16.pdf \(19.4MB\)](#) Uploaded on 03/28/2016 at 10:40AM
[City of Corona, Council Meeting Agenda and Packet, 3-2-16.pdf \(75.5MB\)](#) Uploaded on 03/28/2016 at 10:35AM

E. General Information

1. Describe the lateral boundaries of the alluvial aquifer or aquifers that form the groundwater basin and the definable bottom of the basin. The description must be in terms that are clear, definite, and sufficiently detailed to allow an authoritative map of the proposed basin boundaries to be plotted using the given description.

As described in the attached file, alluvial aquifer boundaries (including the basin bottom) of the affected groundwater basins incorporate local hydrogeologic analyses and recent geologic mapping of alluvial deposits by the U.S. Geological Survey (USGS). First, boundaries are described for the proposed new Bedford-Coldwater Basin, which consists of the northwestern portion of the current Elsinore Basin (8-4) and also slightly modified the southern boundary of the Temescal Subbasin (8-2.09). Second, the revised boundaries of the modified Elsinore Basin are described. Alluvial boundaries are illustrated by figures in the attachment that have been prepared for this request (Figures 2, 3, and 5), along with six additional key figures extracted from the Corona Groundwater Management Plan and an additional technical report.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section E.pdf \(7.2MB\)](#) Uploaded on 03/31/2016 at 04:32PM

F. Notice and Consultation

1. List all local agencies and public water systems affected by the basin(s) modification request.

The three agencies cooperating in this combined request ? Corona, EVMWD, and TVWD ? are the primary agencies affected by the proposed basin modifications. Other local agencies, public water systems, and interested parties in or adjacent to the affected groundwater basins are discussed and listed on Table 1 in the attached file.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section F-1.pdf \(3.1MB\)](#) Uploaded on 03/28/2016 at 02:06PM

2. Explain the methods used to identify interested local agencies and public water systems in the affected basin(s):

Local agencies and public water systems within the new Bedford-Coldwater Basin, modified Elsinore Basin, and adjacent Temescal Subbasin are generally known by Corona, EVMWD, and TVWD in their respective service areas. Corona and EVMWD each generated a list of agencies to notify in their respective areas or in adjacent areas as relevant. In addition, publically-available lists and shapefiles of state, federal, and private water districts and public water systems were reviewed for completeness. In Riverside County, public water systems serving fewer than 200 service connections are regulated by the County's Department of Environmental Health (as a state-designated local primacy agency, or LPA, under the provisions of Section 116330 of the California Health and Safety Code). Any public water system in the affected basins that uses groundwater would be required to report its groundwater production (>2AFY) to the Western-San Bernardino Watermaster (compiled by Western Municipal Water District). As a result, production records were reviewed to identify potential public water systems and other interested parties in the affected basins. No new public water systems were identified in this process, but other groundwater users in each of the affected basins were added to the list as

interested parties. These parties are included in Table 1 above and were notified of the basin boundary modification request. The information provided to these parties is summarized in item F3 below.

3. Provide information regarding the nature of consultations with affected or interested agencies. Attach and cite any copies of correspondences with local agencies and public water systems and/or any other persons or entities consulted.

Consultations with affected or interested agencies were conducted via direct in-person meetings, public meetings, teleconference calls, U.S. mail, and/or email. The three agencies cooperating in this combined request consulted each other on all boundary modifications including a preliminary meeting on January 19, 2016 to discuss whether to pursue a boundary modification request. The attached file provides details on these consultations and provides sample notification letters and meeting minutes from the January meeting. Materials from two public meetings are provided as attachments to the following item, F-4.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section F-3.pdf \(7.3MB\)](#) Uploaded on 03/28/2016 at 02:09PM

4. Provide a summary of all public meetings at which the proposed boundary modification was discussed or considered by the requesting agency. Attach and cite any copies of agendas and notices published.

Both Corona and EVMWD have prepared, considered, and adopted resolutions to initiate the basin boundary modification process at public meetings. The Corona City Council adopted Resolution 2016-021 at the City Council meeting on March 2, 2016; EVMWD adopted Resolution 16-03-01 at the Board of Directors meeting on March 10, 2016. Agenda and staff reports in the meeting packets provided the public with details of the basin boundary modification request; these agenda and board packets are attached for reference. For the Corona City Council Meeting, see packet item 3.G.3, page 201. For the EVMWD Board of Directors Meeting, see Board packet item 1.G, page 43. Final signed resolutions are also attached to Item D2 of this Modification Request. Temescal Valley Water District has filed a letter of support for the basin boundary modifications as provided in item H2 of this request.

Attachment(s):

[City of Corona, Council Meeting Agenda and Packet, 3-2-16.pdf \(75.5MB\)](#) Uploaded on 03/28/2016 at 11:04AM

[City of Corona, Boundary Modification Resolution, 3-2-2016.pdf \(106.7kB\)](#) Uploaded on 03/28/2016 at 11:09AM

[EVMWD, Board Meeting Agenda and Packet, 3-10-16.pdf \(19.4MB\)](#) Uploaded on 03/28/2016 at 11:10AM

[EVMWD, Boundary Modification Resolution, 03-10-16.pdf \(661.7kB\)](#) Uploaded on 03/28/2016 at 11:10AM

5. Attach a copy of all comments regarding the proposed boundary modification received by the requesting agency and a summary of any responses made by the requesting agency.

To date, three letters supporting the modifications have been received. One letter was filed from the Temescal Valley Water District (TVWD) and letters of support were also filed by the Santa Margarita Watermaster and Western Municipal Water District. These letters of support for the basin boundary modifications as provided in Section H2 of this request.

G. General Existing Groundwater Management

All requests for jurisdictional modification pursuant to Section 342.4 MUST include responses to the following questions.

1. Explain how sustainable groundwater management exists or could likely be achieved in the basin:

The requested boundary modifications will separate the existing Elsinore basin into two basins ? the new Bedford-Coldwater Basin and the modified Elsinore Basin ? that better match both the hydrogeologic conceptual model and historical and ongoing management practices of the local groundwater resources. A description of current and future groundwater management activities relevant to the basin boundary modifications is included in the attached file. The description is supported by a series of maps prepared for this request (Figures 3, 4, 5, and 6), which are also included in the attached file.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section G-1.pdf \(8.7MB\)](#) Uploaded on 03/31/2016 at 04:34PM

2. Explain how the proposed boundary modification would affect the ability of adjacent groundwater basins to sustainably manage groundwater in those groundwater basins.

The new Bedford-Coldwater Basin creates or modifies the boundaries with adjoining basins - Temescal Subbasin to the north and the modified Elsinore Basin to the south. The southern boundary for the modified Elsinore Basin that adjoins the Temecula Valley Basin is unmodified. Lateral boundaries of the new Bedford-Coldwater Basin and the modified Elsinore Basin are aligned with the contact of surficial alluvial deposits and are not immediately adjacent to other basins or subbasins. The manner in which the basin boundary modification affects adjacent basins and the potential for sustainable management is described in more detail in the attached file, supported by Figure 4.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section G-2.pdf \(3MB\)](#) Uploaded on 03/28/2016 at 02:21PM

3. Provide a historical summary of the sustainable management of groundwater levels in the proposed basin(s) or subbasin(s).

In the new Bedford-Coldwater Basin, water levels are actively managed through a 2008 agreement that limits groundwater extraction in the area where most of the pumping occurs and encourages projects that enhance recharge. Further, the three agencies sponsoring this request represent more than 90 percent of the total recent groundwater pumping in the new Bedford-Coldwater Basin. In the modified Elsinore Basin, EVMWD has developed direct recharge projects to manage groundwater levels locally throughout the modified basin. The two Groundwater management plans

that cover the affected basins were prepared by the three agencies sponsoring the request. This local control allows the agencies to coordinate management of groundwater levels while meeting beneficial use in each basin. Details of historical management of water levels in the affected basins are provided in the attached file, which also includes nine pertinent figures that illustrate and support the summary.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section G-3.pdf \(6,5MB\)](#) Uploaded on 03/28/2016 at 02:20PM

4. Discuss potential impacts to state programs resulting from the proposed boundary modification, including, but not limited to, the California Statewide Groundwater Elevation Monitoring (CASGEM), Groundwater Management Plans developed pursuant to AB 3030, Groundwater Sustainability Plans developed pursuant to the Sustainable Groundwater Management Act, any applicable state or regional board plans, and other water management and land use programs.

The creation of the new Bedford-Coldwater Basin will not adversely impact state programs. The same standards of CASGEM compliance will be maintained in the new Bedford-Coldwater Basin and the modified Elsinore Basin. EVMWD is the current Monitoring Entity for the CASGEM program and will continue the on-going monitoring efforts after the new basin boundary modifications. In addition, the two Groundwater Management Plans covering the new Bedford-Coldwater Basin and the revised Elsinore Basin do not overlap and will not be affected by the boundary modifications. As previously described, Corona's 2008 GWMP includes the proposed new Bedford-Coldwater Basin; EVMWD's 2005 GWMP includes portions of the remaining Elsinore Basin but does not include the proposed new Bedford-Coldwater Basin. There are no conflicts between the two plans and the proposed boundary revisions. None of the groundwater management activities being developed from the plan are in the areas being modified. The legal agreement between EVMWD and Corona regarding managed extractions from the Coldwater area (see response to G3 above) will continue and is not affected by any of the boundary modifications. Current land use and future land use decisions will not be impacted by the basin boundary revisions. The City of Corona, a sponsor of these revisions, has local land use authority along with the County of Riverside. As mentioned in Section F, the County of Riverside Land Use Planning Department has been notified of these revisions ? none of which are expected to impact the County's land use activities. As described in G1 above, the basin boundary modifications will facilitate local groundwater management including GWMPs, GSPs, and other requirements of SGMA. In addition, the revisions will represent more continuous and technically-justifiable groundwater basins than current boundaries allow.

H. Local Support

All requests for boundary modification must include the following:

1. Provide any evidence that sufficient information was provided to affected agencies and systems regarding the proposed boundary modification.

Detailed information, including a map with all of the basin boundary revisions, has been published continuously on the Corona and EVMWD websites for more than a month. Notification letters have been provided to agencies with systems in the affected basins, even those located a considerable distance away from any boundary modifications. Sample notification letters are attached to item F. These letters were mailed or both mailed and emailed to all parties on the distribution list, reproduced as Table 1 in item F1; letters to all parties were identical to the sample letters. Two public meetings have been held, one by Corona and one by EVMWD, to provide detailed information to local agencies and the public. In addition, the three agencies cooperating on this request are also the agencies most affected by the proposed boundary modifications. The boundaries were specifically delineated by these agencies to facilitate their own upcoming sustainable management activities under SGMA. Therefore, the agencies most affected by this request have been involved in the process from the beginning.

2. Provide a list of all affected agencies and affected systems that submitted comments and/or documents in support or opposition to the proposed boundary. The agency submitting their support or opposition for a boundary modification must provide a copy of a resolution formally adopted by the decision-making body of the affected agency or system or a letter signed by an executive officer or other official with appropriate delegated authority who represents the agency or system. Attach copies of the resolution and/or signed letter detailing the support or opposition submitted.

Two comment letters have been received to date. One is from the Santa Margarita River Watermaster (letter attached). In that letter, the Watermaster supports the proposed basin boundary modifications. The letter also correctly notes that no boundaries of the Temecula Valley Groundwater Basin are being modified. Further, the letter states that the basin boundary modification request does not alter the findings by the Watermaster related to watershed boundaries for the purposes of reporting by EVMWD. The second comment letter is from Western Municipal Water District, expressing support and recognizing the benefits to sustainable groundwater management from the modifications. Both Corona and EVMWD submitted Initial Notifications and represent the requesting agencies. TVWD has also been involved throughout the process, attended meetings and conference calls on the basin boundary modifications (see item G), and also published the information on its website. To confirm its support for this boundary modification request, TVWD has submitted a letter of support, attached to this item.

Attachment(s):

[Letter of Support from TVWD for Elsinore Basin Boundary Modifications.pdf \(250,4kB\)](#) Uploaded on 03/28/2016 at 09:56AM

[Letter of Support from Santa Margarita Watermaster for Elsinore Basin Boundary Modifications.pdf \(119,5kB\)](#) Uploaded on 03/28/2016 at 01:27PM

[Letter of Support from Western Municipal Water District for Elsinore Boundary Modifications.pdf \(49,3kB\)](#) Uploaded on 03/28/2016 at 04:13PM

3. Provide any evidence that rebuts any opposition to the proposed boundary modification.

No opposition to the proposed boundary modifications has been received to date.

I. Hydrogeologic Conceptual Model

Requests for boundary modification, must include a document or text to a clearly defined hydrogeologic conceptual model demonstrating each of the following:

1. Principal aquifer units within requested basin.
2. Lateral boundaries of the proposed basin, including:
 - A. Geologic features that significantly impede or impact groundwater flow.
 - B. Aquifer characteristics that significantly impede or impact groundwater flow.
 - C. Significant geologic and hydrologic features and conditions of the principle aquifer units, as appropriate, including information regarding the confined or unconfined nature of the aquifer, facies changes, truncation of units, the presence of faults or folds that impede groundwater flow, or other groundwater flow restricting features.
 - D. Key surface water bodies, groundwater divides and significant recharge sources.
3. Recharge and discharge areas within the basin.
4. Definable bottom of the basin or subbasin.

The department may waive this requirement for an internal boundary modification if the requesting agency is able to demonstrate that the proposed boundary modification is unlikely to affect sustainable groundwater management.

Descriptions of the hydrogeologic conceptual models for the affected basins are provided in the attached file. Separate files have been provided presenting the conceptual models for the proposed new Bedford-Coldwater Basin and the modified Elsinore Basin. The conceptual model descriptions in the attached files are supported by a series of maps and figures, which follow the text in each of the files. Relevant studies relied upon to support these descriptions are attached to this request in Sections J and L. Because the new Bedford-Coldwater Basin also modifies slightly the southern adjoining boundary with the Temescal Subbasin, relevant information on the conceptual model for the Temescal Subbasin is also included in the new Bedford-Coldwater conceptual model for completeness. However, the description of the Temescal Subbasin contains less detail because the modifications are minor and do not affect primary areas of recharge or discharge. A full conceptual model of the Temescal Subbasin is provided in the Corona GWMP, attached in Section J.

Attachment(s):

- [Elsinore Basin Boundary Modification Request - Section I Bedford-Coldwater Conceptual Model.pdf \(5.5MB\)](#) Uploaded on 03/31/2016 at 04:34PM
[Elsinore Basin Boundary Modification Request - Section I Elsinore Conceptual Model.pdf \(7.8MB\)](#) Uploaded on 03/31/2016 at 04:35PM

J. Technical Studies for External Scientific Modifications

Requests for a scientific modification must include a document containing information that demonstrates the extent of the aquifer. Provide the following:

1. A qualified map that depicts the lateral boundaries of the aquifers that define the basin or subbasin.

The extent of the alluvium and the consolidated bedrock as mapped by the USGS is shown on Figures 3 and 4, attached.

Attachment(s):

- [Figure 3 - Alluvial vs Bedrock and Basin Boundaris.pdf \(814.7kB\)](#) Uploaded on 03/31/2016 at 04:35PM
[Figure 4 - Proposed Elsinore Basin Boundary Modifications.pdf \(3.7MB\)](#) Uploaded on 03/31/2016 at 04:35PM

2. A technical study that provides subsurface data that demonstrates the vertical thickness and relevant physical properties of the alluvial aquifer or stacked series of alluvial aquifers.

Technical studies providing subsurface data about the alluvial aquifer within the new Bedford-Coldwater Basin and the Elsinore Basin are summarized below and attached. If available, a URL is also provided. New Bedford-Coldwater Basin Todd Engineers and AKM Consulting Engineers (Todd and AKM), 2008, AB3030 Groundwater Management Plan, prepared for City of Corona, June. USGS, 2004, Preliminary Digital Geologic Map of the Santa Ana 30? x 60? Quadrangle, Southern California, Version 2.0 compiled by D.M. Morton, Open-File Report 99-172. USGS, 2006, Geologic Map of the San Bernardino and Santa Ana 30? x 60? Quadrangles, California, Version 1.0 compiled by Douglas M. Morton and Fred K. Miller, Open-File Report 2006-1217. Wildermuth Environmental, Inc. (WEI), 2015, Draft Feasibility Investigation (Phase I) to Develop a Potable Water-Supply from the Bedford Basin, prepared for the City of Corona, Elsinore Valley Water District, and Lee Lake Water District, August. Modified Elsinore Basin California Department of Water Resources (DWR), 2006, Elsinore Groundwater Basin, California?s Groundwater Bulletin 118, groundwater basin descriptions, updated January 20, 2006. Elsinore Valley Municipal Water District (EVMWD), 2014a, Memorandum: Analysis of last 20 years of historical pumping and depth to water levels in the Elsinore Valley Groundwater Basin. April 17. MWH, 2005, Elsinore Basin Groundwater Management Plan, prepared for Elsinore Valley Municipal Water District. March. Thomas Harder & Co., 2014, Water Budget for the Lee Lake Groundwater Basin, prepared for VA Consulting, December 17. USGS, 2004, Preliminary Digital Geologic Map of the Santa Ana 30? x 60? Quadrangle, Southern California, Version 2.0 compiled by D.M. Morton, Open-File Report 99-172. USGS, 2006, Geologic Map of the San Bernardino and Santa Ana 30? x 60? Quadrangles, California, Version 1.0 compiled by Douglas M. Morton and Fred K. Miller, Open-File Report 2006-1217. Wildermuth Environmental, Inc. (WEI), 2000, TIN/TDS Study ? Phase 2A of the Santa Ana Watershed, Development of Groundwater Management Zones, Estimation of Historical and Current TDS and Nitrogen Concentrations in Groundwater, Final Technical Memorandum, prepared for the TIN/TDS Task Force. July.

URL: http://www.water.ca.gov/groundwater/groundwater_management/GWM_Plans_inCA.cfm, <http://pubs.usgs.gov/of/1999/of99-172/>, <http://pubs.usgs.gov/of/2006/1217/>, <http://www.water.ca.gov/groundwater/bulletin118/gwbasins.cfm>, <http://www.water.ca.gov/groundwater/gr>

Attachment(s):

- [WEI, 2015, Draft Feasibility Investigation, Potable Water-Supply from Bedford.pdf \(3.9MB\)](#) Uploaded on 03/28/2016 at 11:58AM
[Todd and AKM, 2008, Corona AB3030 Groundwater Management Plan.pdf \(10.3MB\)](#) Uploaded on 03/28/2016 at 10:24AM
[USGS, 2004, Preliminary Digital Geologic Map of Santa Ana, Open File Report 99-172.pdf \(19MB\)](#) Uploaded on 03/28/2016 at 10:24AM
[USGS, 2006, Geologic Map of San Bernardino and Santa Ana, Open-File Report 2006-1217.pdf \(37.6MB\)](#) Uploaded on 03/28/2016 at 10:25AM
[USGS, 2006, Geologic Map of San Bernardino and Santa Ana, Open-File Report 2006-1217.pdf \(37.6MB\)](#) Uploaded on 03/28/2016 at 10:25AM
[DWR, 2006, Elsinore Groundwater Basin, California Groundwater Bulletin 118.pdf \(26.6kB\)](#) Uploaded on 03/28/2016 at 12:00PM
[EVMWD, 2014a, Pumping and Depth to Water.pdf \(1.2MB\)](#) Uploaded on 03/28/2016 at 12:00PM

WEI, 2000, [Development of Groundwater Management Zones, Santa Ana Watershed.pdf \(693.1kB\)](#) Uploaded on 03/28/2016 at 12:01PM
 Thomas Harder & Co, 2014, [Water Budget for the Lee Lake Groundwater Basin.pdf \(2.9MB\)](#) Uploaded on 03/28/2016 at 12:01PM
 MWH, 2005, [Elsinore Basin Groundwater Management Plan.pdf \(8.4MB\)](#) Uploaded on 03/28/2016 at 12:01PM

K. Technical Studies for Internal Scientific Modifications

Requests for an internal scientific modification involving a hydrogeologic barrier must include a document or text that demonstrates the presence or absence of subsurface restrictions on lateral groundwater flow. Provide the following:

1. A qualified map depicting structural geologic features that could significant impact or impede lateral groundwater flow.

The boundary between the new Bedford-Coldwater Basin and the Elsinore Basin is an area of very thin alluvial sediments, as indicated in the cross section on Figure 3-3d of WEI, 2015, which is attached.

Attachment(s):

[Figure 3 - Alluvial vs Bedrock and Basin Boundaris.pdf \(814.7kB\)](#) Uploaded on 03/31/2016 at 04:35PM
[WEI 2015 Figure 3-2.pdf \(1MB\)](#) Uploaded on 03/28/2016 at 12:04PM
[Figure 2 - Geology abd Basin Boundaris.pdf \(1.7MB\)](#) Uploaded on 03/28/2016 at 12:03PM
[WEI 2015 Figure 3-3d.pdf \(187.8kB\)](#) Uploaded on 03/28/2016 at 12:04PM

2. Geologic and hydrologic evidence of groundwater conditions by attaching or providing a URL to any of the following:

- A. Historical and current potentiometric surface maps, groundwater levels, groundwater recharge and discharge areas of the aquifer system within the vicinity of the proposed boundary modification.
- B. Aquifer performance testing results demonstrating basin boundary condition response.
- C. Water quality information of the aquifer system including but not limited to general water quality parameters and isotopic analysis.
- D. Supporting certified geophysical studies.
- E. Any other pertinent information.

The southern boundary of the new Bedford-Coldwater Basin represents an internal boundary supported by technical studies, geologic mapping, and hydrogeologic principals. The boundary is not considered an absolute hydrogeologic barrier to groundwater flow, but evidence supports very little to no groundwater inflow across the new boundary. This evidence is described in the attached file.

Attachment(s):

[Elsinore Basin Boundary Modification Request - Section K-2.pdf \(1.1MB\)](#) Uploaded on 03/28/2016 at 02:39PM

L. Technical Studies for All Jurisdictional Modifications

Requests for a jurisdictional boundary must attach or provide a URL or upload a file for the following:

1. A water management plan that covers or is in the immediate vicinity of the proposed basin or portion of the proposed basin and satisfies the requirement of Water Code sections 10753.7(a) or 10727 by attaching one of the following:
 - A. An adopted groundwater management plan, a basin wide management plan, or other integrated regional water management program or plan.
 - B. Management pursuant to an adjudication action.
 - C. One or more technical studies that cover the relevant portion of a basin or subbasin and adjacent areas.

URL: http://www.water.ca.gov/groundwater/groundwater_management/GWM_Plans_inCA.cfm,
<http://www.water.ca.gov/groundwater/bulletin118/gwbasins.cfm>,
http://www.waterboards.ca.gov/santaana/water_issues/programs/basin_plan/index.shtml, <http://pubs.usgs.gov/of/1999/>

Attachment(s):

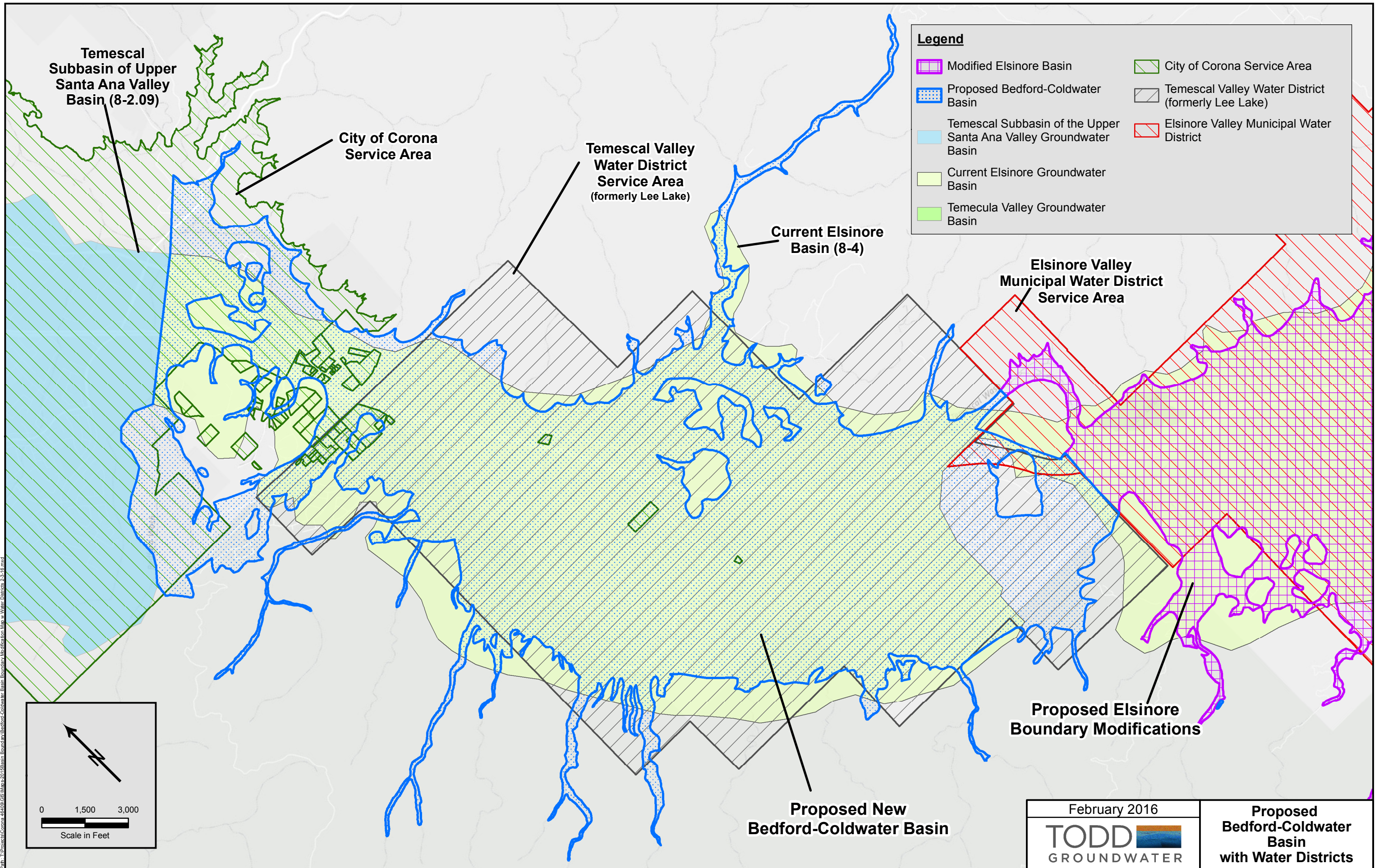
[DWR, 2006, Elsinore Groundwater Basin, California Groundwater Bulletin 118.pdf \(26.6kB\)](#) Uploaded on 03/28/2016 at 12:10PM
[Corona-EVMWD, 2008, Agreement Concerning Water Production from Coldwater.pdf \(1.3MB\)](#) Uploaded on 03/28/2016 at 12:10PM
[EVMWD, 2014a, Pumping and Depth to Water.pdf \(1.2MB\)](#) Uploaded on 03/28/2016 at 12:10PM
[EVMWD, 2014b, Safe Yield Estimation.pdf \(215.9kB\)](#) Uploaded on 03/28/2016 at 12:10PM
[MWH, 2005, Elsinore Basin Groundwater Management Plan.pdf \(8.4MB\)](#) Uploaded on 03/28/2016 at 12:10PM
[MWH, 2009, Imported Water Recharge Modeling Study, Elsinore Basin.pdf \(7.3MB\)](#) Uploaded on 03/28/2016 at 12:10PM
[RWQCB, 2008, Water Qaulity Control Plan, Santa Ana River Basin.pdf \(13MB\)](#) Uploaded on 03/28/2016 at 12:11PM
[Thomas Harder & Co, 2014, Water Budget for the Lee Lake Groundwater Basin.pdf \(2.9MB\)](#) Uploaded on 03/28/2016 at 12:11PM
[Todd and AKM, 2008, Corona AB3030 Groundwater Management Plan.pdf \(10.3MB\)](#) Uploaded on 03/28/2016 at 12:12PM
[WEI, 2000, Development of Groundwater Management Zones, Santa Ana Watershed.pdf \(693.1kB\)](#) Uploaded on 03/28/2016 at 12:12PM
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[USGS, 2006, Geologic Map of San Bernardino and Santa Ana, Open-File Report 2006-1217.pdf \(37.6MB\)](#) Uploaded on 03/28/2016 at 12:12PM

2. A statement of the existing and planned coordination of sustainable groundwater management activities and responsibilities where required.

Corona, EVMWD, and TVWD will coordinate to form a Groundwater Sustainability Agency (GSA) for the new Bedford-Coldwater Basin. This purpose of this GSA will be to comply with SGMA and to prepare and implement a Groundwater Sustainability Plan (GSP) for the new Bedford-Coldwater Basin. EVMWD will form a GSA for the Elsinore Basin with the express purpose of complying with SGMA to prepare and implement a GSP.

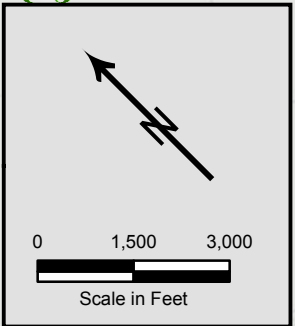


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Legend

Modified Elsinore Basin	City of Corona Service Area
Proposed Bedford-Coldwater Basin	Temescal Valley Water District (formerly Lee Lake)
Temescal Subbasin of the Upper Santa Ana Valley Groundwater Basin	Elsinore Valley Municipal Water District
Current Elsinore Groundwater Basin	
Temecula Valley Groundwater Basin	



February 2016
TODD
 GROUNDWATER

Proposed Bedford-Coldwater Basin with Water Districts

Path: T:\Projects\Corona_44409_GIS\Mapa_2016\Bain_Boundary\Bedford-Coldwater_Basin_Boundary_Absolutes\Corona_Map_w_Water_Districts_2-3-16.mxd

August 17, 2016

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – July 2016

Dear Board Members:

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

- Managed 293.46 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 5156 water meters.
- Maintained aesthetic appearance of all District facilities.
- 25 shut-offs.
- Responded 141 service calls.
- Installed 6 meters for the various developers
- Responded to 39 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 column extension of 15' has been added. Well # 4 pump and motor failed and have been removed for repair/replacement.
- Drying and removing biosolids at a rapid rate due to high heat of summer.
- Overflow storage basin (north end of TVWRF) is completely empty. Awaiting design of modifications.
- Submitted July 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: August 17, 2016
To: Jeff Pape, General Manager
From: Neil A. Harper, District Engineer
Subject: Engineering Activities Update for the Month of July 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) – Commence plan check with review of PDR and 30% plans.

CAPITAL IMPROVEMENT PROJECTS

None Currently.

AS-NEEDED ENGINEERING SERVICES

General Engineering Initiated During FY 2015/16 (1401-15XX)

Phase 1503: Wastewater Related Services for FY 2015/16. Prepare District Engineer's report and attend monthly board meeting.

Phase 1504: Potable Water Related Services for FY 2015/16. No engineering activity this month.

Phase 1505: Non-Potable Water Related Services for FY 2015/16. No engineering activity this month.

Phase 1506: Wastewater Mapping Updates for FY 2015/16. No engineering activity this month.

Phase 1507: Potable Water Mapping Updates for FY 2015/16. No engineering activity this month.