

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
FEBRUARY 28, 2017, 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 February 25, 2017.

Allison Harnden, Office Manager

**AGENDA FOR REGULAR MEETING
February 28, 2017**

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

BOARD ITEMS:

4. **Minutes of the January 24 Regular Meeting.** **6-9**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **10-13**
RECOMMENDATION: Approve Report and authorize payment of the January 24-February 28, 2017 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).**
 - a. Revenue & Expenditure Reports. **14-33**
RECOMMENDATION: Note and file.
 - b. Lien update. **34**
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. 1418 houses occupied to date. 81% complete.

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9. Terramor Development (Forestar Toscana).	
a. Project Update.	(-)
b. 1443 estimated houses to be built.	
10. Water Utilization Reports.	35-47
RECOMMENDATION: Note and file.	
11. Committee Reports.	
a. Finance (Director Rodriguez).	(-)
b. Engineering (Director Destache).	(-)
c. Public Relations (Allison Harnden).	(-)
12. Office Manager's Report.	48-50
a. Update on new billing software.	
13. General Manager's Report.	
a. General Manager's Report.	51
1. SWRCB Update.	52
b. Joint Powers Agreement.	53-82
RECOMMENDATION: Approve agreement.	
1. Nominate representative to JPA Board.	
RECOMMENDATION: To be made by the Board.	
c. 2016 Water, Recycled Water, and Wastewater Capacity Fee Study.	83-117
1. Discussion of report.	
2. Schedule for implementation.	
d. Operations Report.	118-120
14. District Engineer's Report.	121-122
a. Status of Projects.	
15. District Counsel's Report.	(-)

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16. Seminars/Workshops.

17. Consideration of Correspondence. 123
An informational package containing copies of all pertinent correspondence for the Month of January will be distributed to each Director along with the Agenda.

18. Adjournment. (-)

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

January 24, 2017

PRESENT

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

ABSENT

GUESTS

T. Davis
J. Watson
J. Watson
B. Clingman
H. Isaac
J. Cleveland
B. Millward
S. Lenci

STAFF

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

1. Roll Call and Call to Order.

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

2. Presentations and Acknowledgments.

3. Public Comment.

BOARD ITEMS:

4. Open Public Hearing on potable water, sewer treatment and recycled/non-potable cost of service study and water service charges.

a. Discussion of Water, Recycled Water, and Wastewater Cost of Service Study.

ACTION: President Colladay opened the public hearing at 8:30 a.m. and called for discussion. The General Manager discussed at length the time and effort that went into preparing the cost of service study. Habib Isaac with Raftelis Financial Consultants, Inc. discussed the process for preparing the cost of service study.

b. Accept public comment.

ACTION: President Colladay called for public comment. Three residents Jim Cleveland, Bill Millward and Jannlee Watson asked for clarification on rate related items.

c. Close Public Hearing.

ACTION: President Colladay closed the public hearing at 9:11 a.m.

d. Adopt the Cost of Service Study as final.

ACTION: Director Rodriguez moved to adopt the Cost of Service Study as final. Director Butler seconded. Motion carried unanimously.

e. Certify number of written protests.

ACTION: Staff reported that 2 protest letters were received, which did not constitute a majority. Director Destache moved to certify the number of written protests. Director De Frates seconded. Motion carried unanimously.

f. Adopt Resolution No. R-17-01 Modifying Rules and Regulations.

ACTION: Director Rodriguez moved to adopt Resolution No. R-17-01 Modifying Rules and Regulations. Director Destache seconded. Motion carried unanimously.

5. Minutes of the December 20, 2016 Regular Meeting.

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

6. Payment Authorization Report.

ACTION: Director Rodriguez moved to approve the financial report and to authorize payment of the December 20, 2016-January 24, 2017 invoices. Director Destache seconded. Motion carried unanimously.

7. Revenue & Expenditure Reports (Unaudited).

a. Revenue & Expenditure Report.

ACTION: Note and file.

b. Lien update.

ACTION: Note and file.

8. Annual Financial Report for FY 2015/16.

ACTION: Director Rodriguez moved to approve the annual financial report for FY 2015/16. Director De Frates seconded. Motion carried unanimously.

9. Trilogy Development.

a. Homeowners Association update.

b. Golf Course update.

10. Sycamore Creek Development.

a. Project Update.

- b. 1738 homes to be built. 1414 houses occupied to date. 81% complete.
- 11. Terramor Development (Forestar Toscana).**
- a. Project Update.
 - b. 1443 estimated houses to be built.
- 12. Water Utilization Reports.**
ACTION: Note and file.
- 13. Committee Reports.**
- a. Finance (Director Rodriguez).
 - b. Engineering (Director Destache).
 - c. Public Relations (Allison Harnden).
- 14. General Manager's Report.**
- a. General Manager's Report.
 - 1. SWRCB Update.
 - 2. Arantine Hills Settlement Agreement and Release.
- ACTION:** Director Rodriguez moved to approve the Arantine Hills Settlement Agreement and Release. Director Butler seconded. Motion carried unanimously.
- b. Operations Report.
- 15. District Engineer's Report.**
- a. Status of Projects.
- 16. District Counsel's Report.**
- 17. Seminars/Workshops.**
- a. Special District Leadership Academy.
- 18. Consideration of Correspondence.**
An informational package containing copies of all pertinent correspondence for the Month of December was distributed to each Director along with the Agenda.

19. Adjournment.

There being no further business, the January 24, 2017 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 10:34 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
Payment Authorization Report
February 28, 2017

Check #	Date	Payee ID	Payee	Amount	
19117	1/20/17	WTI	WTI COMMUNICATIONS INC.	508.09	
19118	1/20/17	RO	PAUL RODRIGUEZ	147.82	
19119	1/20/17	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	4,891.55	
19120	1/20/17	BGM	BIG GIANT MEDIA	150.00	
19121	1/20/17	DSC	DATABASE SYSTEMS CORP.	116.06	
19122	1/20/17	IEI	INNERLINE ENGINEERING INC	1,100.00	
19123	1/21/17	ATT01	AT&T	935.23	
19124	1/21/17	ATTM	AT & T MOBILITY	570.90	
19125	1/24/17	CO	CHARLES W. COLLADAY	202.52	
19126	1/24/17	DD	DAMON DE FRATES	147.82	
19127	1/24/17	DES	GRANT DESTACHE	202.52	
19128	1/24/17	JB	JOHN B. BUTLER	147.82	
19129	1/24/17	RO	PAUL RODRIGUEZ	147.82	
19130	1/27/17	AD	PAYROLL	-	
19131	1/27/17	BE	PAYROLL	-	
19132	1/27/17	CG	PAYROLL	-	
19133	1/27/17	CL	PAYROLL	-	
19134	1/27/17	JH	PAYROLL	-	
19135	1/27/17	KC	PAYROLL	-	
19136	1/27/17	KN	PAYROLL	-	
19137	1/27/17	MM	PAYROLL	-	
19138	1/27/17	JH	PAYROLL	-	
19139	1/27/17	KN	PAYROLL	-	
19140	1/27/17		PAYROLL	-	
19141	1/27/17		PAYROLL	-	
19142	1/25/17	JB02	JUAN BENITEZ	6,219.00	CAP IMP-CARPET TILE 50%
19143	1/25/17	EL	EDUARDO LOPEZ-TRK MAINT	60.00	
19144	2/2/17	ACJS	MIKE ARAGON-CLEANING SERVICE	300.00	
19145	2/2/17	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	4,912.45	
19146	2/2/17	DO01	DOWNS OIL CO., INC.	272.82	
19147	2/2/17	ISC	IT SUPPORT CA INC.	1,419.00	
19148	2/2/17	SEMA	SEMA INC.	662.52	
19149	2/2/17	SO03	SOUTHERN CALIF EDISON CO.	25,522.99	
19150	2/2/17	ST02	STATE COMPENSATION INSUR.FUND	2,361.67	
19151	2/2/17	WE01	WESTERN MUNICIPAL WATER DISTR.	80.00	

TEMESCAL VALLEY WATER DISTRICT
Payment Authorization Report
February 28, 2017

Check #	Date	Payee ID	Payee	Amount	
19152	2/2/17	VLF	VAN LANT & FANKHANEL, LLP	13,500.00	2016 AUDIT
19153	2/2/17		JUAN BENITEZ	6,219.00	CAP IMP-CARPET TILE BALANCE
19154	2/2/17	SWRCB	STATE WATER RESOURCES CONTROL BOARD	130.00	
19155-19170	2/10/17	PR	VOID	-	
19171	2/10/17	AD	PAYROLL	-	
19172	2/10/17	BE	PAYROLL	-	
19173	2/10/17	CG	PAYROLL	-	
19174	2/10/17	CL	PAYROLL	-	
19175	2/10/17	JH	PAYROLL	-	
19176	2/10/17	KC	PAYROLL	-	
19177	2/10/17	KN	PAYROLL	-	
19178	2/10/17	MM	PAYROLL	-	
19179	2/10/17	CG	PAYROLL	-	
19180	2/10/17	CL	PAYROLL	-	
19181	2/10/17	KN	PAYROLL	-	
19182	2/10/17	MCC	MEL Mc CULLOUGH-INS REIMB	697.00	
19183	2/10/17	FI01	FIDELITY INVESTMENTS	910.80	
19184	2/10/17	GM	GLEN MUNCY (INSPECTION)	3,942.00	
19185	2/10/17		VOID	-	
19186	2/10/17	EL	EDUARDO LOPEZ-TRK MAINT	60.00	
19187	2/10/17	LHP	L & H PAINTING	1,980.00	CAP IMP-OFFICE PAINTING
19188	2/15/17	API	AAA ALUMINUM PATIOS INC	761.00	CAP IMP-ADMIN GUTTERS
19189	2/24/17	AD	PAYROLL	-	
19190	2/24/17	BE	PAYROLL	-	
19191	2/24/17	CG	PAYROLL	-	
19192	2/24/17	CL	PAYROLL	-	
19193	2/24/17	DB	PAYROLL	-	
19194	2/24/17	JH	PAYROLL	-	
19195	2/24/17	KC	PAYROLL	-	
19196	2/24/17	KN	PAYROLL	-	
19197	2/24/17	MM	PAYROLL	-	
19198	2/24/17	BE	PAYROLL	-	
19199	2/24/17	CL	PAYROLL	-	
19200	2/24/17	JH	PAYROLL	-	
19201	2/24/17	JH	JASON HODEL-MILEAGE	64.80	

TEMESCAL VALLEY WATER DISTRICT
Payment Authorization Report
February 28, 2017

Check #	Date	Payee ID	Payee	Amount	
19202	2/21/17	REFUND	ALFIO AQUINO	120.93	
19203	2/21/17	REFUND	KENJIE & ETUBA I NWOSU	221.71	
19204	2/21/17	REFUND	WOODSIDE HOMES	1,094.47	
19205	2/21/17	REFUND	STEPHEN M CARLETON	226.02	
19206	2/21/17	REFUND	LARA K CUPPETELLI	152.21	
19207	2/21/17	REFUND	ROBERT B KELLY	95.53	
19208	2/21/17	REFUND	STEPHANIE M WILLIAMS	222.76	
19209	2/21/17	REFUND	CHRISTINE T COLLINS	147.09	
19210	2/21/17	REFUND	DEBRA J JOHNSON	204.29	
19211	2/21/17	REFUND	NICHOLAS J COX	141.75	
19212	2/21/17	REFUND	SEUNGWOO CHOI	14.07	
19213	2/21/17	REFUND	PATRICIA MARTINEZ	264.53	
19214	2/21/17	REFUND	LINDA GRINDSTAFF	238.02	
19215	2/21/17	REFUND	ELIZABETH MARIE CALLEN	217.40	
19216	2/21/17	REFUND	KHANE RUSSELL	162.80	
19217	2/21/17	REFUND	STACIE ELIZABETH PARKER	216.57	
19218	2/21/17	REFUND	CHARLES FREDRICKSON	233.93	
19219	2/21/17	AGSI	AUTOMATED GATE SERVICES INC	488.40	
19220	2/21/17	ATT01	AT&T	1,031.95	
19221	2/21/17	BA01	BABCOCK LABORATORIES, INC	3,679.00	
19222	2/21/17	BR01	AREND BROUWER ELECTRICAL CONTRACTING IN	1,060.00	
19223	2/21/17	BT	BT PIPELINE INC.	18,415.50	REPAIR VARIOUS LEAKS/SINK HOLE/H
19224	2/21/17		VOID	-	
19225	2/21/17		VOID	-	
19226	2/21/17	BTS	BUSINESS TELECOMMUNICATION SYSTEMS, INC	123.14	
19227	2/21/17	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	2,947.64	
19228	2/21/17	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
19229	2/21/17	CE01	CENTRAL COMMUNICATIONS	54.22	
19230	2/21/17	CL01	CLAYSON, MANN, YAEGER & HANSEN	1,500.00	
19231	2/21/17	DSC	DATABASE SYSTEMS CORP.	239.12	
19232	2/21/17	DU01	DUDEK & ASSOCIATES-CONT MGT	18,095.40	
19233	2/21/17	DU02	DUDEK & ASSOCIATES-SPECIAL PROJECTS	3,700.00	
19234	2/21/17	DU03	DUDEK & ASSOCIATES-PASS THRU	3,181.34	
19235	2/21/17	DU04	DUDEK & ASSOCIATES-ENGINEERING	1,003.84	
19236	2/21/17	EASI	ENGINEERED AIR SERVICES, INC.	2,650.90	

TEMESCAL VALLEY WATER DISTRICT
Payment Authorization Report
February 28, 2017

Check #	Date	Payee ID	Payee	Amount	
19237	2/21/17	FM	MAIL FINANCE- 3 MO.	1,504.87	
19238	2/21/17	HDS	HD SUPPLY/WATERWORKS	683.70	
19239	2/21/17	HO01	HOME DEPOT CREDIT SERVICES	77.85	
19240	2/21/17	ISC	IT SUPPORT CA INC.	2,254.33	MONTHLY PLUS PARTS
19241	2/21/17	kae	K & A ENGINEERING	4,577.08	CAP IMP-PARK CYN RD NONPOT
19242	2/21/17	MU01	WILLDAN FINANCIAL SERVICES	6,580.22	
19243	2/21/17	NC	NORTHSTAR CHEMICAL	14,370.60	
19244	2/21/17	OVLLP	OPPER & VARCO LLP	1,250.00	
19245	2/21/17	PCE	PACIFIC COAST ENVELOPE INC	1,552.68	
19246	2/21/17	PLM01	PARRA LANDSCAPE MAINTENANCE	2,286.00	
19247	2/21/17	PO05	POLLARDWATER.COM	351.32	
19248	2/21/17	PO07	POLYDYNE, INC.	6,691.28	
19249	2/21/17	PPE	PRIVATE PEST EXTERMINATORS	150.00	
19250	2/21/17	RCR2	RIVERSIDE COUNTY ASSESSOR-COUNTY CLERK	138.00	
19251	2/21/17	RTL	RUTAN & TUCKER, LLP	3,734.22	CAP IMP- SUSTAINABLE GROUD WATE
19252	2/21/17	SA02	SAM'S CLUB	212.30	
19253	2/21/17	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	2,584.25	
19254	2/21/17		VOID		
19255	2/21/17	SCNG	SOUTHERN CALIFORNIA NEWS GROUP	554.40	
19256	2/21/17	SD01	STARR DESIGN	162.00	
19257	2/21/17	ST01	STAPLES CREDIT PLAN	391.71	
19258	2/21/17	TA01	DAVID TAUSSIG & ASSOC., INC.	1,146.74	
19259	2/21/17	TNP	TOP NOTCH PLUMBING	716.83	
19260	2/21/17	TR01	THANG TRAN	1,548.37	
19261	2/21/17	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	36,241.96	CAP IMP-PLC UPGRADE/RETREAT TAN
19262	2/21/17	UBB	USA BLUEBOOK	963.74	
19263	2/21/17	UN01	UNDERGROUND SERVICE ALERT	69.00	
19264	2/21/17	VA01	VALLEY CITIES/GONZALES FENCE	3,650.00	
19265	2/21/17	WA01	WASTE MANAGEMENT - INLAND EMPIRE	719.66	
19266	2/21/17	WE01	WESTERN MUNICIPAL WATER DISTR.	140,065.52	
19267	2/21/17	WTI	WTI COMMUNICATIONS INC.	509.31	
19268	2/21/17	USB	US BANK GOVERNMENT SERVICES-CC	7,944.09	CAP IMP-NEW HARD DRIVES /SERVERS
Total				<u>\$ 386,169.76</u>	

**TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
1/31/017**

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land	\$	902,118	
Treatment Plants		9,366,649	
Capacity Rights		13,503,639	
Water System, Reservoir & Wells		9,463,750	
Water & Sewer Mains		27,562,218	
General Equipment Sewer/Water/ Furniture		407,227	
Buildings & Entrance Improvements		381,485	
	\$	61,587,086	
Current Assets			
Cash - Wastewater	7,824,572		
Cash - Water	9,933,961		
Cash - ID #1	411,682		
Cash - ID #2	90,318		
Cash - Nonpotable	1,611,471		
Cash - Deposits	993,717	20,865,721	
Accounts Receivable-Services/Developers		816,280	
Assessment Receivable		66,621	
Interest Receivable		17,632	
Prepaid Expenses		14,164	
Inventory		77,656	
		21,858,072	
Other Assets			
Work-in-Process		119,440	
Deferred Outflows - Pension		\$ 158,570	
TOTAL ASSETS		\$ 83,723,168	

LIABILITIES

Current Liabilities			
Accounts Payable	\$	257,328	
Security Deposits		328,842	
Payroll & Payroll Taxes Payable		42,633	
Capacity & Meter Deposits		108,530	
Fiduciary Payments Payable		274,787	
Developer Deposits		284,351	
Other Deposits		10,285	
		1,306,755	
Long-term Liabilities			
TVRP Note		2,073,795	
Deferred Inflows - Pension		57,103	
TOTAL LIABILITIES		\$ 3,437,653	

FUND EQUITY

Fund Balances			
Waste Water Fund Balance		26,737,825	
Water Fund Balance		43,655,230	
ID #1 Fund Balance		566,095	
ID #2 Fund Balance		629,801	
Recycled Water Fund Balance		8,696,565	
TOTAL FUND EQUITY		\$ 80,285,516	
TOTAL LIABILITIES & FUND EQUITY		\$ 83,723,168	

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	JANUARY			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<i>WASTEWATER DEPARTMENT</i>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	175,511	167,000	8,511	1,202,418	1,168,000	34,418	2,002,000	(799,582)
MONTHLY SERVICE CHARGE-ID #1	10,767	10,767	-	75,366	75,369	(3)	129,200	(53,834)
MONTHLY SERVICE CHARGE-ID #2	12,180	12,180	-	85,249	85,260	(11)	146,150	(60,901)
MONTHLY SEWER SERVICE CHG-R COM	7,891	9,600	(1,709)	63,522	67,000	(3,478)	115,000	(51,478)
MISC UTILITY CHARGES/ REVENUE	3,779	4,400	(621)	38,862	30,800	8,062	52,000	(13,138)
STANDBY CHARGES	59,105	55,000	4,105	63,376	55,000	8,376	110,000	(46,624)
CFD REIMBURSEMENTS	-	-	-	10,000	10,000	-	20,000	(10,000)
INSPECTION CHARGES	-	-	-	13,414	5,000	8,414	10,000	3,414
TOTAL WASTEWATER REVENUE	269,233	258,947	10,286	1,552,207	1,496,429	55,778	2,584,350	(1,032,143)
OPERATING EXPENSES:								
PLANT WAGES EXPENSE	6,802	7,700	(898)	66,620	68,500	(1,880)	165,000	(98,380)
PAYROLL TAXES EXP	294	230	64	1,294	1,850	(556)	3,000	(1,706)
EMPLOYEE BENEFITS-INS	1,247	1,300	(53)	8,729	9,100	(371)	15,500	(6,771)
EMPLOYEE BENEFITS-RETIREMENT	1,272	1,550	(278)	8,420	8,950	(530)	22,500	(14,080)
OVERTIME EXP	638	750	(112)	2,970	3,250	(280)	9,000	(6,030)
MILEAGE EXP	129	75	54	281	500	(219)	800	(519)
VACATION EXP	624	700	(76)	4,369	4,900	(531)	8,300	(3,931)
ELECTRICIAN LABOR COSTS	-	625	(625)	2,074	4,375	(2,301)	7,500	(5,426)
SCADA SYSTEM ADMIN/MAINT	619	750	(131)	4,533	5,250	(717)	9,000	(4,467)
LABORATORY TESTING COSTS	1,955	2,700	(745)	12,488	18,900	(6,412)	32,000	(19,512)
SLUDGE DISPOSAL/PUMPING COSTS	544	2,000	(1,456)	13,406	14,500	(1,094)	25,000	(11,594)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	-	-	1,677	12,500	(10,823)	20,000	(18,323)
CHEMICALS, LUBRICANTS & FUELS	109	8,000	(7,891)	55,777	56,000	(223)	95,000	(39,223)
EQUIPMENT RENTAL COSTS	-	200	(200)	675	1,200	(525)	2,000	(1,325)
EQUIPMENT REPAIRS & MAINT.	1,002	16,000	(14,998)	154,857	112,000	42,857	190,000	(35,143)
SEWER LINE REPAIRS	-	-	-	-	5,000	(5,000)	10,000	(10,000)
SEWER CLEANING AND VIDEO EXP	-	1,500	(1,500)	4,101	9,000	(4,899)	15,000	(10,899)
SECURITY AND ALARM EXP	-	350	(350)	641	2,100	(1,459)	4,000	(3,359)
PROPERTY MAINTENANCE	1,826	1,750	76	26,065	12,250	13,815	20,000	6,065
ENGINEERING/ADMIN. STUDIES	-	-	-	-	5,000	(5,000)	20,000	(20,000)
ENERGY COSTS	9,749	13,000	(3,251)	101,791	110,500	(8,709)	195,000	(93,209)
CONSUMABLE SUPPLIES & CLEANING	-	850	(850)	1,053	5,950	(4,897)	10,000	(8,947)
SMALL EQUIPMENT & TOOLS COST	878	250	628	6,804	1,750	5,054	3,000	3,804
PERMITS, FEES & TAXES	-	2,200	(2,200)	17,205	15,400	1,805	25,000	(7,795)
SAWPA BASIN MONITORING EXP	-	-	-	20,240	15,000	5,240	15,000	5,240
MAP UPDATING/GIS EXP	-	-	-	572	1,000	(428)	2,000	(1,428)
MISC. OPERATING EXP	-	100	(100)	844	600	244	1,000	(156)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONTINGENCIES	-	3,500	(3,500)	-	24,500	(24,500)	36,000	(36,000)
TOTAL OPERATING EXPENSES	27,688	66,080	(38,392)	517,486	529,825	(12,339)	987,100	(469,614)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2016-2017	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	7,238	7,350	(112)	54,759	58,450	(3,691)	100,000	(45,241)
GENERAL ENGINEERING EXP	-	1,400	(1,400)	6,559	9,800	(3,241)	16,000	(9,441)
ANNUAL ASSESSMENT EXP	-	-	-	2,868	2,000	868	2,000	868
PLAN CHECK & INSPECTION EXP	-	400	(400)	-	2,900	(2,900)	5,000	(5,000)
EMPLOYEE BENEFITS-INS	2,167	2,500	(333)	10,167	11,200	(1,033)	19,000	(8,833)
EMPLOYEE BENEFITS-RETIREMENT	2,169	2,500	(331)	9,346	10,000	(654)	21,000	(11,654)
WAGES EXPENSE	10,462	11,000	(538)	80,324	87,800	(7,476)	142,000	(61,676)
VACATION EXP	797	800	(3)	5,580	5,600	(20)	9,600	(4,020)
OVERTIME EXP	373	85	288	373	595	(222)	1,000	(627)
MILEAGE EXP ADMIN	-	45	(45)	295	315	(20)	500	(205)
PAYROLL TAX EXPENSES	455	200	255	1,514	1,600	(86)	2,500	(986)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	600	650	(50)	3,972	4,550	(578)	7,600	(3,628)
AUDIT EXPENSES	4,500	5,000	(500)	5,400	5,000	400	5,000	400
BOARD COMMITTEE MEETING EXP.	404	625	(221)	2,853	4,375	(1,522)	7,500	(4,647)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	6,600	(6,600)
COMPUTER SYSTEM ADMIN	902	1,700	(798)	9,839	11,900	(2,061)	20,000	(10,161)
BANK CHARGES EXP	752	750	2	5,236	5,250	(14)	9,000	(3,764)
MISCELLANEOUS & EDUCATION EXP	-	85	(85)	825	595	230	1,000	(175)
TELEPHONE, FAX & CELL EXP	936	675	261	6,077	4,725	1,352	8,000	(1,923)
OFFICE SUPPLIES EXP	530	1,400	(870)	5,729	9,800	(4,071)	16,000	(10,271)
PRINTING EXPENSES	-	-	-	3,837	2,500	1,337	5,000	(1,163)
POSTAGE & DELIVERY EXPENSE	802	1,000	(198)	6,690	7,000	(310)	12,000	(5,310)
PUBLICATIONS, NOTICES & DUES	28	500	(472)	169	3,500	(3,331)	5,000	(4,831)
EQUIPMENT LEASE EXPENSES	867	500	367	4,245	3,500	745	6,000	(1,755)
INSURANCE EXPENSES	1,661	2,700	(1,039)	14,894	18,900	(4,006)	32,000	(17,106)
INVESTMENT EXP	-	-	-	2,400	-	2,400	4,800	(2,400)
COMMUNITY OUTREACH EXP	-	-	-	3,950	3,500	450	7,000	(3,050)
TOTAL ADMINISTRATIVE EXPENSES	35,643	41,865	(6,222)	247,901	275,355	(27,454)	473,100	(225,199)
TOTAL WASTEWATER EXPENSES	63,331	107,945	(44,614)	765,387	805,180	(39,793)	1,460,200	(694,813)
NET OPERATING REVENUE/EXPENSE	205,902	151,002	54,900	786,820	691,249	95,571	1,124,150	(337,330)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
CONNECTION FEES	-	-	-	29,073	-	29,073	-	29,073
INTEREST INCOME	2,665	1,000	1,665	13,854	7,000	6,854	12,000	1,854
PROPERTY TAX INCOME	22,134	32,500	(10,366)	72,751	32,500	40,251	65,000	7,751
TOTAL NON-OPER SOURCE OF FUNDS	24,799	33,500	(8,701)	115,678	39,500	76,178	77,000	38,678
TOTAL SEWER REVENUE/EXPENSE	230,701	184,502	46,199	902,498	730,749	171,749	1,201,150	(298,652)
TRANSFER TO CAPITAL FUND-REPLACEMENT				572,855				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				329,643				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2015-2016	8,846,278
TRANSFER FOR CAPITAL FUND REPLACEMENT	572,855
TRANSFER FOR CAPITAL IMPROVEMENTS	329,643
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(119,911)</u>
TOTAL FUNDS AVAILABLE	<u>9,628,865</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	JANUARY			YEAR TO DATE			BUDGET 2016-2017	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WATER DEPARTMENT</u>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	114,695	112,500	2,195	797,196	787,500	9,696	1,350,000	(552,804)
WATER USAGE CHARGES	127,081	108,000	19,081	1,918,906	1,539,000	379,906	2,700,000	(781,094)
WATER PUMPING CHARGE	4,548	3,000	1,548	61,428	42,750	18,678	75,000	(13,572)
FIRE PROTECTION CHARGES	2,567	2,400	167	17,930	16,800	1,130	28,000	(10,070)
MISC. UTILITY CHARGES	4,139	4,200	(61)	33,549	29,400	4,149	50,000	(16,451)
SERVICE METER INCOME	-	1,700	(1,700)	35,550	11,900	23,650	20,000	15,550
CELLULAR SITE LEASE	2,787	2,500	287	19,428	17,500	1,928	30,000	(10,572)
MWD READINESS TO SERVE CHARGE	19,777	18,750	1,027	136,714	131,250	5,464	225,000	(88,286)
STANDBY CHARGES	25,330	17,500	7,830	26,971	17,500	9,471	35,000	(8,029)
CFD REIMBURSEMENTS	-	-	-	-	10,000	(10,000)	20,000	(20,000)
INSPECTION CHARGES	-	-	-	-	5,000	(5,000)	10,000	(10,000)
TOTAL WATER REVENUE	300,924	270,550	30,374	3,047,672	2,608,600	439,072	4,543,000	(1,495,328)
OPERATING EXPENSES:								
WAGES EXPENSE	5,951	6,200	(249)	58,292	59,600	(1,308)	145,000	(86,708)
PAYROLL TAXES EXP	257	250	7	1,131	1,950	(819)	3,000	(1,869)
EMPLOYEE BENEFITS-INS	1,101	1,175	(74)	7,689	8,225	(536)	14,000	(6,311)
EMPLOYEE BENEFITS-RETIREMENT	1,114	1,535	(421)	7,806	8,325	(519)	20,000	(12,194)
OPERATION-MILEAGE EXP	81	70	11	275	490	(215)	750	(475)
OVERTIME EXPENSE/ ON CALL	559	650	(91)	2,598	3,250	(652)	9,000	(6,402)
VACATION EXP	780	610	170	5,461	4,270	1,191	7,300	(1,839)
CONTRACT STAFFING-METER READS	4,912	5,000	(88)	34,124	35,000	(876)	60,000	(25,876)
SCADA SYSTEM ADMIN/MAINT	541	600	(59)	7,461	4,200	3,261	7,000	461
LABORATORY TESTING COSTS	1,629	800	829	4,281	8,500	(4,219)	12,500	(8,219)
COMPLIANCE TESTING (ISDE/CROSS)	-	-	-	1,793	3,000	(1,207)	3,000	(1,207)
LEAK DETECTION EXPENSE	-	-	-	-	4,000	(4,000)	8,000	(8,000)
EPA WATER TESTING EXP	-	-	-	-	-	-	-	-
EQUIPMENT RENTAL COSTS	-	175	(175)	-	1,225	(1,225)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	8,035	6,250	1,785	41,136	43,750	(2,614)	75,000	(33,864)
WATER LINE REPAIRS	-	3,500	(3,500)	19,083	24,500	(5,417)	40,000	(20,917)
ALARM MONITORING COSTS	-	175	(175)	561	1,225	(664)	2,000	(1,439)
PROPERTY MAINTENANCE	-	500	(500)	-	3,500	(3,500)	6,000	(6,000)
ENGINEERING/ADMIN. STUDIES	-	650	(650)	-	4,750	(4,750)	8,000	(8,000)
ENERGY COSTS	4,974	5,000	(26)	73,223	71,250	1,973	125,000	(51,777)
CONSUMABLE SUPPLIES & CLEANING	-	700	(700)	712	4,900	(4,188)	8,000	(7,288)
CHEMICALS, LUBRICANTS & FUELS	482	425	57	4,958	2,975	1,983	5,000	(42)
SMALL EQUIPMENT & TOOLS COST	-	200	(200)	583	1,300	(717)	2,000	(1,417)
PERMITS, FEES & TAXES	-	1,450	(1,450)	6,854	11,200	(4,346)	18,500	(11,646)
MAP UPDATING/GIS EXP	-	625	(625)	726	4,375	(3,649)	7,500	(6,774)
SERVICE METERS & PARTS COSTS	-	2,500	(2,500)	58,313	17,500	40,813	30,000	28,313
WHOLESALE WATER PURCHASES	126,411	185,000	(58,589)	1,620,578	1,445,000	175,578	2,585,000	(964,422)
WATER-MWD CAPACITY CHARGE	3,733	6,700	(2,967)	33,254	46,900	(13,646)	80,000	(46,746)
WATER-READINESS TO SERVE/REFUSAL CHARGE	9,921	14,200	(4,279)	73,210	99,400	(26,190)	170,000	(96,790)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONSERVATION REBATE EXP	-	625	(625)	467	4,375	(3,908)	7,500	(7,033)
CONTINGENCIES	-	-	-	-	-	-	35,000	(35,000)
TOTAL OPERATING EXPENSES	170,481	245,565	(75,084)	2,064,569	1,928,935	135,634	3,497,550	(1,432,981)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2016-2017	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	6,333	7,300	(967)	47,914	51,100	(3,186)	87,500	(39,586)
GENERAL ENGINEERING EXP	-	1,400	(1,400)	2,911	9,800	(6,889)	16,000	(13,089)
PLAN CHECK & INSPECTION EXP	54	1,400	(1,346)	216	9,800	(9,584)	16,000	(15,784)
EMPLOYEE BENEFITS-INS	1,844	1,900	(56)	9,761	9,800	(39)	16,650	(6,889)
EMPLOYEE BENEFITS-RETIREMENT	1,670	1,795	(125)	11,690	12,375	(685)	18,350	(6,660)
ANNUAL ASSESSMENT EXP	-	-	-	2,868	2,000	868	2,000	868
WAGES EXPENSE	9,154	9,530	(376)	70,283	76,350	(6,067)	124,000	(53,717)
VACATION EXP	996	700	296	6,975	4,900	2,075	8,200	(1,225)
MILEAGE EXP ADMIN	-	45	(45)	404	315	89	500	(96)
OVERTIME EXPENSE	-	75	(75)	-	575	(575)	1,000	(1,000)
PAYROLL TAX EXPENSES	398	400	(2)	1,468	1,500	(32)	2,400	(932)
CONTRACT STAFFING OFFICE	-	-	-	-	1,000	(1,000)	2,000	(2,000)
LEGAL EXPENSES	525	1,250	(725)	4,650	8,750	(4,100)	15,000	(10,350)
AUDIT EXPENSES	4,500	5,000	(500)	4,725	5,000	(275)	5,000	(275)
BOARD COMMITTEE/ MEETING EXP.	354	525	(171)	2,234	3,675	(1,441)	6,300	(4,066)
COMPUTER SYSTEM EXP	789	1,000	(211)	6,416	7,000	(584)	12,000	(5,584)
BANK CHARGES EXP	658	600	58	4,583	4,200	383	7,000	(2,417)
MISCELLANEOUS & EDUCATION EXP	298	75	223	1,020	575	445	1,000	20
TELEPHONE EXP	679	600	79	4,804	4,200	604	7,000	(2,196)
OFFICE SUPPLIES EXP	493	1,100	(607)	5,262	7,700	(2,438)	13,000	(7,738)
PRINTING EXPENSES	-	-	-	1,267	2,500	(1,233)	5,000	(3,733)
POSTAGE & DELIVERY EXPENSE	701	750	(49)	5,778	5,250	528	9,000	(3,222)
PUBLICATIONS, NOTICES & DUES	24	500	(476)	37	3,500	(3,463)	5,000	(4,963)
EQUIPMENT LEASE EXPENSES	759	500	259	3,751	3,500	251	6,000	(2,249)
INSURANCE EXPENSES	1,453	2,400	(947)	13,033	16,800	(3,767)	28,000	(14,967)
INVESTMENT EXPENSE	-	-	-	2,100	-	2,100	4,200	(2,100)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	6,600	(6,600)
COMMUNITY OUT REACH EXP	-	-	-	3,950	3,500	450	7,000	(3,050)
TOTAL ADMINISTRATIVE EXPENSES	31,682	38,845	(7,163)	218,100	255,665	(37,565)	431,700	(213,600)
TOTAL WATER EXPENSES	202,163	284,410	(82,247)	2,282,669	2,184,600	98,069	3,929,250	(1,646,581)
NET OPERATING REVENUE/EXPENSE	98,761	(13,860)	112,621	765,003	424,000	341,003	613,750	151,253
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
CONNECTION FEES	-	-	-	77,236	-	77,236	-	77,236
INTEREST INCOME	1,840	1,600	240	15,968	11,200	4,768	19,000	(3,032)
PROPERTY TAX INCOME	10,805	15,000	(4,195)	35,735	15,000	20,735	30,000	5,735
TOTAL NON-OP SOURCE OF FUNDS	12,645	16,600	(3,955)	128,939	26,200	102,739	49,000	79,939
TOTAL REVENUE/EXPENSE	111,406	2,740	108,666	893,942	450,200	443,742	662,750	231,192
TRANSFER TO CAPITAL FUND-REPLACEMENT				304,651				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				589,291				
RESERVOIR CAPACITY FEES				523,600				
CAPACITY USAGE INCOME				171,525				
LONG TERM DEBT REDUCTION				(171,525)				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2015-2016	7,622,794
TRANSFER FOR CAPITAL FUND REPLACEMENT	304,651
TRANSFER FOR CAPITAL IMPROVEMENTS	1,112,891
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(88,114)</u>
TOTAL FUNDS AVAILABLE	<u>8,952,222</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	JANUARY			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	-	96,075	96,075	-	164,700	(68,625)
TOTAL ID #1 REVENUE	13,725	13,725	-	96,075	96,075	-	164,700	(68,625)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	10,766	10,766	-	75,366	75,366	-	129,200	(53,834)
TOTAL OPERATING COSTS	10,766	10,766	-	75,366	75,366	-	129,200	(53,834)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	2,847	3,000	(153)	2,847	3,000	(153)	3,000	(153)
TOTAL ADMINISTRATIVE EXPENSES	2,847	3,000	(153)	2,847	3,000	(153)	3,000	(153)
TOTAL ID#1 EXPENSES	10,766	13,766	(3,000)	78,213	78,366	(153)	132,200	(53,987)
NET OPERATING REVENUE/EXPENSE	2,959	(41)	3,000	17,862	17,709	153	32,500	(14,638)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	22	31	(9)	316		316	370	(54)
TOTAL NON-OPER SOURCE OF FUNDS	22	31	(9)	316	-	316	370	(54)
TOTAL REVENUE/EXPENSE	2,981	(10)	2,991	18,178	17,709	469	32,870	(14,692)
TRANSFER TO CAPITAL FUND-REPLACEMENT				14,853				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				3,325				
				-				
<u>ID #1 FUND BALANCE:</u>								
ENDING FUNDS AVAILABLE 2015-2016	407,229							
TRANSFER FOR CAPITAL FUND REPLACEMENT	14,853							
TRANSFER FOR CAPITAL IMPROVEMENTS	3,325							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	-							
TOTAL FUNDS AVAILABLE	425,407							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	JANUARY			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	-	108,675	108,675	-	186,300	(77,625)
TOTAL ID #2 REVENUE	15,525	15,525	-	108,675	108,675	-	186,300	(77,625)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	12,179	12,179	-	85,250	85,250	-	146,150	(60,900)
TOTAL OPERATING COSTS	12,179	12,179	-	85,250	85,250	-	146,150	(60,900)
ADMINISTRATIVE EXPENSES:								
GENERAL ENGINEERING EXP	-	-	-	-	-	-	2,500	(2,500)
ANNUAL ASSESSMENT PROCESSING	2,847	3,000	(153)	2,847	3,000	(153)	3,000	(153)
TOTAL ADMINISTRATIVE EXPENSES	2,847	3,000	(153)	2,847	3,000	(153)	5,500	(2,653)
TOTAL ID#2 EXPENSES	15,026	15,179	(153)	88,097	88,250	(153)	151,650	(63,553)
NET OPERATING REVENUE/EXPENSE	499	346	153	20,578	20,425	153	34,650	(14,072)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	44	61	(17)	-	-	-	732	(732)
TOTAL NON-OPER SOURCE OF FUNDS	44	61	(17)	-	-	-	732	(732)
TOTAL REVENUE/EXPENSE	543	407	136	20,578	20,425	153	35,382	(14,804)
TRANSFER TO CAPITAL FUND-REPLACEMENT				19,771				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				807				
				-				
<i>ID #2 FUND BALANCE:</i>								
ENDING FUNDS AVAILABLE 2015-2016	108,626							
TRANSFER FOR CAPITAL FUND REPLACEMENT	19,771							
TRANSFER FOR CAPITAL IMPROVEMENTS	807							
CAPITAL IMPROVEMENT-PLANT REMOVAL	(15,868)							
TOTAL FUNDS AVAILABLE	113,336							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	JANUARY			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	19,807	104,000	(84,193)	982,574	897,000	85,574	1,300,000	(317,426)
RECYCLED/ NON-POT WATER FIXED CHARGE	14,928	11,250	3,678	98,817	78,750	20,067	135,000	(36,183)
RECYCLED/NON-POTABLE PUMPING CHARGE	191	2,400	(2,209)	25,763	20,700	5,063	30,000	(4,237)
MISC INCOME	117	850	(733)	6,390	5,950	440	10,000	(3,610)
TOTAL NON-POTABLE REVENUE	35,043	118,500	(83,457)	1,113,544	1,002,400	111,144	1,475,000	(361,456)
OPERATING EXPENSES:								
RECYCLED/NON-POTABLE LABOR EXP	4,251	4,900	(649)	41,638	43,500	(1,862)	103,000	(61,362)
PAYROLL TAXES EXP	184	238	(54)	809	1,110	(301)	1,800	(991)
EMPLOYEE BENEFITS-INS	386	400	(14)	5,087	5,500	(413)	10,000	(4,913)
EMPLOYEE BENEFITS-RETIREMENT	1,192	1,200	(8)	8,344	8,615	(271)	14,000	(5,656)
MILEAGE EXP	-	15	(15)	81	135	(54)	200	(119)
OVERTIME EXP	399	475	(76)	1,856	2,300	(444)	5,700	(3,844)
VACATION EXP	156	450	(294)	1,094	3,150	(2,056)	5,200	(4,106)
SCADA SYS EXP	387	575	(188)	2,834	4,025	(1,191)	6,800	(3,966)
LABORATORY TESTING COSTS	95	1,250	(1,155)	190	8,750	(8,560)	15,000	(14,810)
EQUIPMENT REPAIRS & MAINT.	-	4,200	(4,200)	5,079	29,400	(24,321)	50,000	(44,921)
NONPOTABLE WATER LINE REPAIR	-	8,500	(8,500)	21,109	59,500	(38,391)	100,000	(78,891)
SECURITY AND ALARM EXP	-	85	(85)	401	595	(194)	1,000	(599)
PROPERTY MAINTENANCE	-	420	(420)	327	2,940	(2,613)	5,000	(4,673)
ENERGY COSTS	10,799	16,500	(5,701)	136,837	173,250	(36,413)	275,000	(138,163)
CONSUMABLE SUPPLIES EXP	-	30	(30)	-	210	(210)	350	(350)
CHEMICALS, LUBRICANTS & FUELS	68	850	(782)	692	5,950	(5,258)	10,000	(9,308)
PERMITS AND FEES EXP	695	500	195	4,715	3,500	1,215	6,000	(1,285)
SERVICE METERS AND PARTS COSTS	-	600	(600)	5,181	5,000	181	7,000	(1,819)
RECYCLED SIGN/TOOLS EXP	-	250	(250)	4,323	1,750	2,573	3,000	1,323
MISC OPERATING EXP	-	42	(42)	357	294	63	500	(143)
POTABLE WATER EXP	-	-	-	148,960	-	148,960	-	148,960
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
TOTAL OPERATING EXPENSES	18,612	41,480	(22,868)	389,914	359,474	30,440	621,150	(231,236)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2017**

	APRIL			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2016-2017	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	4,524	5,225	(701)	34,225	36,575	(2,350)	62,500	(28,275)
GENERAL ENGINEERING/ PLAN CHECK EXP	-	1,250	(1,250)	5,020	8,750	(3,730)	15,000	(9,980)
INSPECTION EXP	-	1,250	(1,250)	1,647	8,750	(7,103)	15,000	(13,353)
EMPLOYEE BENEFITS-INS	1,151	1,250	(99)	5,088	6,000	(912)	12,000	(6,912)
EMPLOYEE BENEFITS-RETIREMENT	1,192	1,300	(108)	8,344	8,000	344	13,000	(4,656)
WAGES EXPENSE	6,539	6,840	(301)	50,203	54,800	(4,597)	89,000	(38,797)
VACATION EXP	200	485	(285)	1,398	3,395	(1,997)	5,800	(4,402)
MILEAGE EXP	-	10	(10)	95	100	(5)	150	(55)
OVERTIME EXP	-	105	(105)	-	735	(735)	1,250	(1,250)
PAYROLL TAX EXPENSE	285	123	162	1,056	985	71	1,600	(544)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSE	375	1,000	-	4,197	7,000	(2,803)	12,000	(7,803)
AUDIT EXP	4,500	5,000	(500)	3,375	5,000	(1,625)	5,000	(1,625)
BOARD FEES EXP	253	375	(122)	1,596	2,625	(1,029)	4,500	(2,904)
ELECTION EXP	-	-	-	-	-	-	6,800	(6,800)
COMPUTER SYSTEMS EXP	564	750	(186)	6,487	5,250	1,237	9,000	(2,513)
BANK CHARGES	470	550	(80)	3,274	3,850	(576)	6,500	(3,226)
TELEPHONE EXP	485	420	65	3,297	2,940	357	5,000	(1,703)
OFFICE SUPPLIES	275	500	(225)	2,199	3,500	(1,301)	6,000	(3,801)
PRINTING EXP	-	-	-	895	1,250	(355)	2,500	(1,605)
POSTAGE EXP	501	540	(39)	5,024	3,790	1,234	6,500	(1,476)
PUBLICATION EXP	17	250	(233)	27	1,750	(1,723)	3,000	(2,973)
EQUIPMENT LEASE EXP	541	250	291	2,470	1,750	720	3,000	(530)
INSURANCE EXPENSE	1,038	1,700	-	9,309	11,900	(2,591)	20,000	(10,691)
ANNUAL ASSESSMENT EXP	-	-	-	-	2,100	(2,100)	2,100	(2,100)
INVESTMENT EXPENSE	-	-	-	1,500	-	1,500	3,000	(1,500)
COMMUNITY OUTREACH EXP	-	-	-	-	2,400	(2,400)	4,800	(4,800)
MISC & EDUCATION EXP	-	85	(85)	226	595	(369)	1,000	(774)
TOTAL ADMINISTRATIVE EXPENSES	22,910	29,258	(5,061)	150,952	183,790	(32,838)	318,000	(167,048)
TOTAL NON-POTABLE OPERATING EXPENSES	41,522	70,738	(29,216)	540,866	543,264	(2,398)	939,150	(398,284)
NET OPERATING REVENUE/EXPENSE	(6,479)	47,762	(54,241)	572,678	459,136	113,542	535,850	36,828
NON-OPERATING SOURCE OF FUNDS:								
CONNECTION FEES	-	-	-	9,773	-	9,773	-	9,773
INTEREST INCOME	242	350	(108)	3,483	2,450	1,033	4,100	(617)
TOTAL NON-OP SOURCE OF FUNDS	242	350	(108)	13,256	2,450	10,806	4,100	9,156
TOTAL REVENUE/EXPENSE	(6,237)	48,112	(54,349)	585,934	461,586	124,348	539,950	45,984
TRANSFER TO CAPITAL FUND-REPLACEMENT				147,420				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				438,514				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2015-2016	1,215,422							
TRANSFER FOR CAPITAL FUND REPLACEMENT	147,420							
TRANSFER FOR CAPITAL IMPROVEMENTS	438,514							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(196,674)							
TOTAL FUNDS AVAILABLE	1,604,682							

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

FY 2016/2017 Maintenance/ General Projects	Total Cost	Source of Funding			AS OF JAN 31, 2017 EXPENDITURES				Total YTD	Variance
		Sewer Fund	Water Fund	Recycled Fund	Previous YRS	Current				
						Sewer Fund	Water Fund	Recycled Fund		
Billing Software Update/HARDWARE	\$ 110,000	\$ 44,000	\$ 38,500	\$ 27,500	\$ 48,963	\$ 7,455	\$ 6,523	\$ 4,660	\$ 18,638	\$ 42,399
Rate study	\$ 130,000	\$ 52,000	\$ 45,500	\$ 42,500	\$ 15,782	\$ 29,985	\$ 26,237	\$ 18,741	\$ 74,963	\$ 39,255
General Building Improvements	\$ 40,000	\$ 16,000	\$ 14,000	\$ 10,000	\$ -	\$ 4,617	\$ 4,040	\$ 2,886	\$ 11,543	\$ 28,457
Convert to Recycled	\$ 135,000	\$ -	\$ -	\$ 135,000	\$ 16,363	-			\$ -	\$ 118,637
Replace VFD	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -	\$ 11,840			\$ 11,840	\$ 28,160
Upgrade PLCs	\$ 250,000	\$ 100,000	\$ 87,500	\$ 62,500	\$ 67,861	\$ 6,205	\$ 5,429	\$ 3,880	\$ 15,514	\$ 166,625
Upgrade Servers to 64b	\$ 70,000	\$ 28,000	\$ 24,500	\$ 17,500	\$ 42,848	\$ 7,180	\$ 7,022	\$ 5,952	\$ 20,154	\$ 6,998
Sewer Management Plan Update	\$ 45,000		\$ -	\$ -	\$ -				\$ -	\$ 45,000
SCADA Standardization	\$ 35,000	\$ 15,000	\$ 15,000	\$ 5,000	\$ 20,836	\$ 21,360	\$ 18,691	\$ 13,351	\$ 53,402	\$ (39,238)
New Generator design	\$ 54,150	\$ 54,150	\$ -	\$ -	\$ -	\$ 29,858			\$ 29,858	\$ 24,292
Park Canyon RW Ext.	\$ 90,000	\$ -	\$ -	\$ 90,000	\$ 8,267			\$ 7,213	\$ 7,213	\$ 74,520
Air Actuator valves	\$ 40,000	\$ 40,000	\$ -	\$ -	\$ -				\$ -	\$ 40,000
Subtotal Maintenance and General	\$ 1,039,150	\$ 349,150	\$ 225,000	\$ 300,000	\$ 220,921	\$ 118,500	\$ 67,942	\$ 56,683	\$ 243,125	\$ 575,104

Multiple Fiscal Year Projects

TWC Pipeline- Retrofit and Improvements	\$ 5,240,100	\$ 890,000	\$ 3,450,000	\$ 900,000	\$ 4,930,973			\$ 125,742	\$ 125,742	\$ 183,385
Dawson Canyon Recycled Water Storage Reserv	\$ 2,816,000	\$ 1,126,400	\$ 985,600	\$ 704,000	\$ 1,971,791	\$ 1,411	\$ 1,235	\$ 882	\$ 3,528	\$ 840,681
GIS Mapping - Water Sewer RW pipelines and fa	\$ 171,700	\$ 66,000	\$ 66,000	\$ 39,700	\$ 43,410				\$ -	\$ 128,290
Well Rehab	\$ 25,000	\$ -	\$ -	\$ 25,000	\$ -			\$ 6,450	\$ 6,450	\$ 18,550
SCADA Tower	\$ 60,000	\$ 30,000	\$ 30,000	\$ -	\$ -				\$ -	\$ 60,000
Non-Potable Groundwater Development	\$ 185,000	\$ -	\$ -	\$ 185,000	\$ 62,031			\$ 6,917	\$ 6,917	\$ 116,052
Potable Groundwater Study and Development	\$ 355,000	\$ -	\$ 250,000	\$ 85,000	\$ 105,646		\$ 11,991		\$ 11,991	\$ 237,363
Dawson Canyon Potable Reservoir Design	\$ 145,000	\$ -	\$ 145,000	\$ -	\$ -		\$ 6,946		\$ 6,946	\$ 138,054
Urban Water Management Plan	\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -				\$ -	\$ 100,000
Subtotal Multiple Year	\$ 9,097,800	\$ 2,112,400	\$ 5,026,600	\$ 1,938,700	\$ 7,113,850	\$ 1,411	\$ 20,172	\$ 139,991	\$ 161,574	\$ 1,822,376

TOTAL \$ 10,136,950 \$ 2,461,550 \$ 5,251,600 \$ 2,238,700 \$ 7,334,771 **\$ 119,911** **\$ 88,114** **\$ 196,674** **\$ 404,699** \$ 2,397,480

TEMESCAL VALLEY WATER DISTRICT

General Ledger

For the Period From Jul 1, 2016 to Jan 31, 2017

Filter Criteria includes: 1) IDs from 567500.3 to 567501.5. Report order is by ID. Report is printed with shortened descriptions and with Hide Period Subtotals on Multi-Period Report and in Detail Format.

Account ID Account Description	Date	Reference	Jrn	Trans Description	Debit Amt	Credit Amt	Balance
567500.3	7/1/16			Beginning Balance			
EQUIPMENT REPAIRS & MAIN	7/1/16	18352	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	7/5/16	25772	PJ	RICHARDSON TECHNOLOGIES INC. - SER	384.00		
	7/6/16	18225	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	7/12/16	13472	PJ	RS INSTRUMENTS & SERVICES - ENCLOS	666.66		
	7/20/16	18332	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	7/31/16	2016-068	PJ	DON PETERSON CONTRACTING, INC. - T+	6,115.00		
	7/31/16	14479	PJ	RS INSTRUMENTS & SERVICES - PROVID	953.50		
	8/1/16	82082	PJ	JWC ENVIRONMENTAL LLC - ROTOR	8,305.00		
	8/1/16	82082	PJ	JWC ENVIRONMENTAL LLC - QUOTE 3438	944.94		
	8/1/16	82082	PJ	JWC ENVIRONMENTAL LLC - TRANSPORT	1,743.62		
	8/1/16	82082	PJ	JWC ENVIRONMENTAL LLC - GASKET SE	59.93		
	8/16/16	18397	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	8/31/16	18501	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	8/31/16	10291	PJ	TRAN CONTROLS SCADA SOLUTIONS, - A	1,785.00		
	8/31/16	10291	PJ	TRAN CONTROLS SCADA SOLUTIONS, - H	1,099.00		
	8/31/16	10291	PJ	TRAN CONTROLS SCADA SOLUTIONS, - B	1,084.50		
	8/31/16	10291	PJ	TRAN CONTROLS SCADA SOLUTIONS, - U	986.93		
	8/31/16	10291	PJ	TRAN CONTROLS SCADA SOLUTIONS, - F	1,395.00		
	8/31/16	10291	PJ	TRAN CONTROLS SCADA SOLUTIONS, - 1	1,619.95		
	8/31/16	6155	PJ	EMS ELECTRIC MOTOR - REPAIR AND REI	8,476.57		
	8/31/16	6156	PJ	EMS ELECTRIC MOTOR - REPAIR AND REI	1,578.00		
	8/31/16	6168	PJ	EMS ELECTRIC MOTOR - FIELD SERVICE	1,578.00		
	8/31/16	1187	PJ	ENGINEERED AIR SERVICES, INC. - ANNU	535.06		
	8/31/16	2016-073	PJ	DON PETERSON CONTRACTING, INC. - R	1,378.00		
	8/31/16	S2338642.00	PJ	PIRTEK FLUID TRANSFER SOLUTION - RE	238.86		
	8/31/16	10143	PJ	DAKOTA PUMP INC - BARNES BA-314 1000	505.39		
	9/1/16	2842	PJ	APPLIED INDUSTRIAL TECHNOLOGIE - DR	214.12		
	9/19/16	0601584-IN	PJ	EXCELSIOR BLOWER SYSTEMS, INC. - BE	48.59		
	9/24/16	18615	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	30.00		
	9/29/16	2016-077	PJ	DON PETERSON CONTRACTING, INC. - IN	3,997.00		
	9/29/16	S105645	PJ	BRITHINEE ELECTRIC - INSTALL NEW MO	242.00		
	9/30/16	6197	PJ	EMS ELECTRIC MOTOR - FIELD SERVICE	1,578.00		
	9/30/16	25858	PJ	RICHARDSON TECHNOLOGIES INC. - PER	399.00		
	9/30/16	6201	PJ	EMS ELECTRIC MOTOR - field service to re	1,050.00		
	9/30/16	15607	PJ	RS INSTRUMENTS & SERVICES - QUOTE	2,191.15		
	9/30/16	15607-1	PJ	RS INSTRUMENTS & SERVICES - REPLAC	2,191.15		
	9/30/16	S2364956.00	PJ	PIRTEK FLUID TRANSFER SOLUTION - RE	360.83		
	9/30/16	48205799	PJ	CORTECH ENGINEERING - REPAIR SLUDGE	4,973.58		
	10/2/16	178001-16	PJ	NORTH AMERICAN INDUTRY TECH - LEVE	5,151.60		
	10/4/16	18652	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	10/4/16	76815	PJ	USA BLUEBOOK - SAMPLE TRANSFER PU	507.98		
	10/10/1	4337	PJ	UNITED POWER GENERATION - SERVICE	297.35		
	10/10/1	2619	PJ	EMS ELECTRIC MOTOR - REPAIR OF #5 IN	8,278.92		
	10/17/1	S00183	PJ	DALTON TRUCKING INC. - FIXED TRAILER	131.08		
	10/22/1	18734	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	10/27/1	101737	PJ	BARRETT ENGINEERED PUMPS - CU 352	1,810.56		
	10/31/1	6214	PJ	EMS ELECTRIC MOTOR - REPAIR INFLUE	8,478.57		
	10/31/1	S105530	PJ	BRITHINEE ELECTRIC - REPLACE VFO IN	484.00		
	10/31/1	S105737	PJ	BRITHINEE ELECTRIC - CHECK OPERATI	3,277.18		
	10/31/1	65403	PJ	R.W. LAWSON, INC. - PERFORM ROUTINE	450.00		
	11/1/16	4365	PJ	UNITED POWER GENERATION - CHECK A	592.29		
	11/1/16	1384	PJ	ENGINEERED AIR SERVICES, INC. - SERVI	473.23		
	11/1/16	2668	PJ	ENGINEERED AIR SERVICES, INC. - Troubl	626.08		
	11/1/16	S2396408.00	PJ	PIRTEK FLUID TRANSFER SOLUTION - RE	305.10		
	11/4/16	18772	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	11/15/1	18797	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	30.00		
	11/15/1	10/27/2016	PJ	NORTH AMERICAN INDUTRY TECH - SUB	2,575.80		
	11/29/1	18865	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	40.00		
	11/30/1	34	PJ	SUPER BUILDERS - PERK POND TAKE OU	25,390.00		
	11/30/1	122957	PJ	USA BLUEBOOK - 0-300 psi pressure pguge	81.83		
	11/30/1	11/22/2016	PJ	US BANK GOVERNMENT SERVICES	627.19		
	11/30/1	16628	PJ	INNERLINE ENGINEERING INC - REMOVE	1,100.00		
	12/6/16	3239	PJ	KASSEL CONTRACTING INC. - GRADING P	17,289.00		

TEMESCAL VALLEY WATER DISTRICT

General Ledger

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Account ID Account Description	Date	Reference	Jrn	Trans Description	Debit Amt	Credit Amt	Balance
	12/14/1	1503	PJ	ENGINEERED AIR SERVICES, INC.	465.50		
	12/15/1	5000	PJ	Maxim Security Services - SERVICE CALL IS	235.00		
	12/15/1	113856	PJ	AUTOMATED GATE SERVICES INC	313.40		
	12/17/1	18974	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	32.00		
	12/20/1	EXTRA	PJ	SUPER BUILDERS - NEW PAD FOR PUMP	1,250.00		
	12/30/1	4378	PJ	UNITED POWER GENERATION	427.50		
	12/31/1	2016-085	PJ	DON PETERSON CONTRACTING, INC. - R	400.00		
	12/31/1	6255	PJ	EMS ELECTRIC MOTOR - INSTALL 2 PUMP	2,278.00		
	12/31/1	23139	PJ	RICHARDSON TECHNOLOGIES INC. - PER	399.00		
	12/31/1	23153	PJ	RICHARDSON TECHNOLOGIES INC. - SER	858.00		
	12/31/1	2016-087	PJ	DON PETERSON CONTRACTING, INC. - IN	1,487.00		
	12/31/1	SI05952	PJ	BRITHINEE ELECTRIC - SERVICE CALL O	242.00		
	12/31/1	4379	PJ	UNITED POWER GENERATION	4,200.00		
	12/31/1	SI05996	PJ	BRITHINEE ELECTRIC	3,245.79		
	12/31/1	4627	PJ	AREND BROUWER ELECTRICAL CONTR -	1,060.00		
	1/3/17	19022	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	40.00		
	1/5/17	114244	PJ	AUTOMATED GATE SERVICES INC	175.00		
	1/10/17	19027	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	40.00		
	1/25/17	19143	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	30.00		
	1/31/17	15093832	PJ	TOP NOTCH PLUMBING - REPAIR SINKS I	716.83		
				Change	154,857.11		154,857.11
	1/31/17			Ending Balance			154,857.11
567500.4	7/1/16			Beginning Balance			
EQUIPMENT REPAIRS & MAIN	7/1/16	18352	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	7/6/16	18225	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	7/15/16	10001	PJ	DAKOTA PUMP INC - REPAIR PARTS	122.74		
	7/19/16	2334	PJ	BT PIPELINE INC. - DIG OUT LEAK ON 14"	6,764.50		
	7/19/16	2345	PJ	BT PIPELINE INC. - SET 2 METER BOXES	626.50		
	7/20/16	18332	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	7/29/16	JULY 2016	SJ	UTILITY BILLING CUSTOMERS		50.00	
	8/10/16	081601	SJ	DONALD RAY ATKISM - BT REPAIR BLOW		846.00	
	8/16/16	18397	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	8/31/16	18501	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	8/31/16	2355	PJ	BT PIPELINE INC. - WORK PERFORMED O	1,762.50		
	9/24/16	18615	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	30.00		
	9/26/16	9/22/2016	PJ	KIMMEL BODY WORKS	730.12		
	9/30/16	SEPT 2016	SJ	UTILITY BILLING CUSTOMERS		9,080.00	
	9/30/16	10295	PJ	TRAN CONTROLS SCADA SOLUTIONS, - S	6,132.12		
	10/4/16	18652	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	10/22/1	18734	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	10/31/1	OCT 2016	SJ	UTILITY BILLING CUSTOMERS	9,280.00		
	11/4/16	18772	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	11/15/1	18797	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	30.00		
	11/29/1	18865	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	40.00		
	11/30/1	2406	PJ	BT PIPELINE INC. - REPAIR 4" SERVICE LI	11,331.00		
	11/30/1	11/22/2016	PJ	US BANK GOVERNMENT SERVICES	548.78		
	12/17/1	18974	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	28.00		
	12/30/1	4378	PJ	UNITED POWER GENERATION	427.50		
	12/31/1	4379	PJ	UNITED POWER GENERATION	4,200.00		
	12/31/1	2412	PJ	BT PIPELINE INC. - PROVIDE LABER AND	799.00		
	1/3/17	19022	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	40.00		
	1/10/17	19027	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	40.00		
	1/25/17	19143	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	30.00		
	1/31/17	2413	PJ	BT PIPELINE INC.	7,925.00		
				Change	51,111.76	9,976.00	41,135.76
	1/31/17			Ending Balance			41,135.76
567500.5	7/1/16			Beginning Balance			
EQUIPMENT REPAIRS & MAIN	7/1/16	18352	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
	7/6/16	18225	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
	7/20/16	18332	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		

TEMESCAL VALLEY WATER DISTRICT
General Ledger
For the Period From Jul 1, 2016 to Jan 31, 2017

Filter Criteria includes: 1) IDs from 567500.3 to 567501.5. Report order is by ID. Report is printed with shortened descriptions and with Hide Period Subtotals on Multi-Period Report and in Detail Format.

Account ID Account Description	Date	Reference	Jrn	Trans Description	Debit Amt	Credit Amt	Balance
	8/16/16	18397	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
	8/31/16	18501	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
	8/31/16	2355	PJ	BT PIPELINE INC. - WORK PERFORMED O	2,211.00		
	9/30/16	SEPT 2016	SJ	UTILITY BILLING CUSTOMERS		200.00	
	10/4/16	18652	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
	10/22/1	18734	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
	11/4/16	18772	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
	11/30/1	11/22/2016	PJ	US BANK GOVERNMENT SERVICES	391.98		
	12/17/1	18974	CD	EDUARDO LOPEZ - EQUIPMENT REPAIRS	20.00		
				Change	2,782.98	200.00	2,582.98
	1/31/17			Ending Balance			2,582.98
567501.0 MAIN LINE REPAIRS	7/1/16			Beginning Balance			
	12/31/1	2411	PJ	BT PIPELINE INC.	5,352.00		
				Change	5,352.00		5,352.00
	1/31/17			Ending Balance			5,352.00
567501.4 WATER LINES REPAIR	7/1/16			Beginning Balance			
	7/19/16	2333	PJ	BT PIPELINE INC. - DIG UP LEAKING 12" S	6,386.50		
	8/31/16	2355	PJ	BT PIPELINE INC. - WORK ON 6/28/2016 IN	3,433.00		
	12/31/1	2414	PJ	BT PIPELINE INC. - REPAIR LEAK IN SERVI	3,911.50		
				Change	13,731.00		13,731.00
	1/31/17			Ending Balance			13,731.00
567501.5 RECYCLED WATER LINE REP	7/1/16			Beginning Balance			
	11/15/1	2394	PJ	BT PIPELINE INC. - LOCATE AND REPAIR	17,159.00		
	11/15/1	15080	PJ	HAITBRINK ASPHALT PAVING - GRIND AN	3,950.00		
				Change	21,109.00		21,109.00
	1/31/17			Ending Balance			21,109.00



**JOHN CHIANG
TREASURER
STATE OF CALIFORNIA**



PMIA Performance Report

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
01/23/17	0.76	0.75	180
01/24/17	0.76	0.75	181
01/25/17	0.76	0.75	180
01/26/17	0.76	0.75	179
01/27/17	0.76	0.75	184
01/28/17	0.76	0.75	184
01/29/17	0.76	0.75	184
01/30/17	0.76	0.75	181
01/31/17	0.76	0.75	180
02/01/17	0.77	0.75	188
02/02/17	0.77	0.75	193
02/03/17	0.77	0.75	194
02/04/17	0.77	0.75	194
02/05/17	0.77	0.76	194
02/06/17	0.77	0.76	194
02/07/17	0.77	0.76	194
02/08/17	0.77	0.76	194
02/09/17	0.77	0.76	192
02/10/17	0.78	0.76	192
02/11/17	0.78	0.76	192
02/12/17	0.78	0.76	192
02/13/17	0.78	0.76	190
02/14/17	0.78	0.76	189
02/15/17	0.78	0.76	194
02/16/17	0.78	0.76	193
02/17/17	0.78	0.76	192
02/18/17	0.78	0.76	192
02/19/17	0.78	0.76	192
02/20/17	0.78	0.76	192
02/21/17	0.78	0.76	187
02/22/17	0.78	0.76	185

*Daily yield does not reflect capital gains or losses

[View Prior Month Daily Rates](#)

LAIF Performance Report

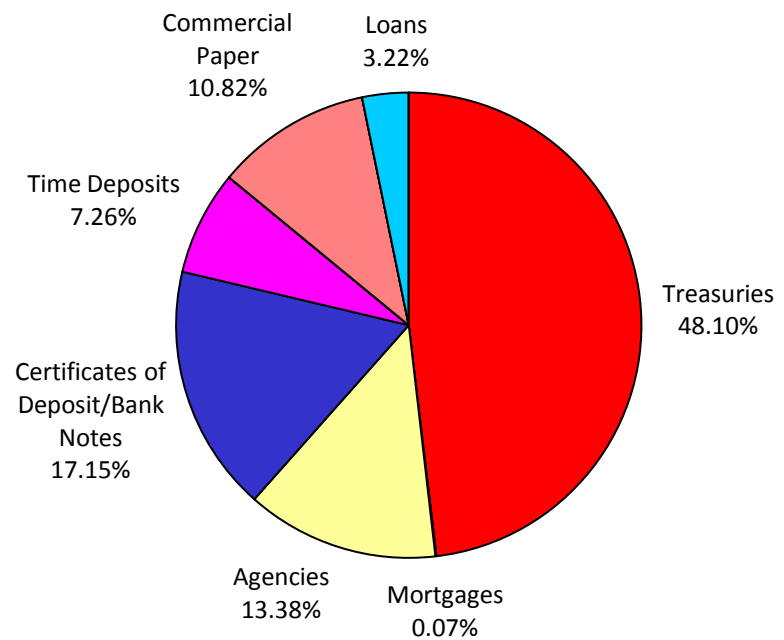
Quarter Ending 12/31/16

Apportionment Rate: 0.68%
 Earnings Ratio: 0.00001851848158529
 Fair Value Factor: 0.999423823
 Daily: 0.74%
 Quarter to Date: 0.68%
 Average Life: 171

PMIA Average Monthly Effective Yields

Jan 2017 0.751%
 Dec 2016 0.719%
 Nov 2016 0.678%

**Pooled Money Investment Account
Portfolio Composition
01/31/17
\$73.8 billion**



TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
1/31/2017

Special Tax Fund (Acct #105636-009)
Account Balance at Wilmington Trust \$ 1,415,856.72

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

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

Surplus Fund (Acct #105636-012)
Account Balance at Wilmington Trust 1,591,821.81

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

TOTAL \$ 3,007,680.20

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
1/31/2017

Special Tax Fund (Acct #105636-014)
Account Balance at Wilmington Trust \$ 191,498.18

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

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

Surplus Fund (Acct #105636-017)
Account Balance at Wilmington Trust 464,802.46

TOTAL \$ **656,301.97**

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
1/31/2017

Special Tax Fund (Acct #105636-019)
Account Balance at Wilmington Trust \$ 958,284.96

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

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

Surplus Fund (Acct #105636-022)
Account Balance at Wilmington Trust 1,263,802.83

TOTAL **\$ 2,222,089.21**

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
1/31/2017

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.02
- Lien Interest A/C (Acct #105636-001)		591.76
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,265,528.72
- Reserve Fund CFD #2 (Acct #105636-005)		276,062.59
- Reserve Fund CFD #3 (Acct #105636-006)		1,495,511.95
Junior Lien Bonds - Revenue Fund (Acct #105639-000)		0.01
- Lien Interest A/C (Acct #105639-001)		231.48
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		789,402.92
- Reserve Fund CFD #2 (Acct #105639-005)		100,174.23
- Reserve Fund CFD #3 (Acct #105639-006)		540,859.70
TOTAL		
	\$	5,468,363.38

Active Lien Board Update

Balance as of 1/24/17: \$11,851.59

Payments received: \$82.62

New liens recorded: \$0.00

ACTIVE

Active liens value \$647.34

Number of active liens 4

WRITTEN OFF

Written off liens value \$11,121.63

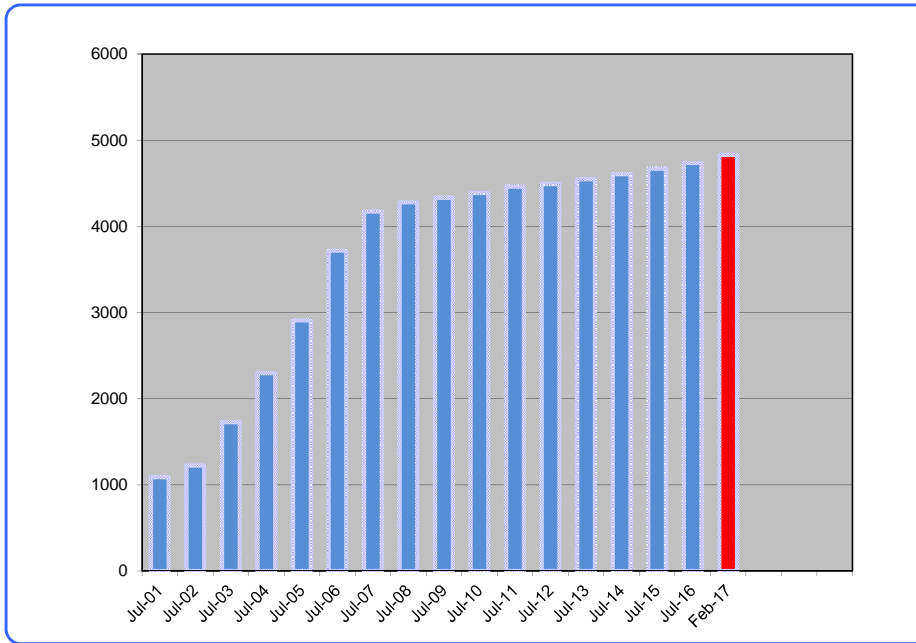
Number of written off liens 56

Released liens 6/13/07 - 2/28/17: \$170,721.99

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	Feb-17
CUSTOMERS	1090	1223	1729	2295	2910	3718	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	4830



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	1418	81%
The Retreat	525	517	98%
Toscana Hills	1443	0	0%
	<u>6611</u>	<u>4830</u>	73%

TOTAL CUSTOMER COUNT REPORT
January 31, 2017

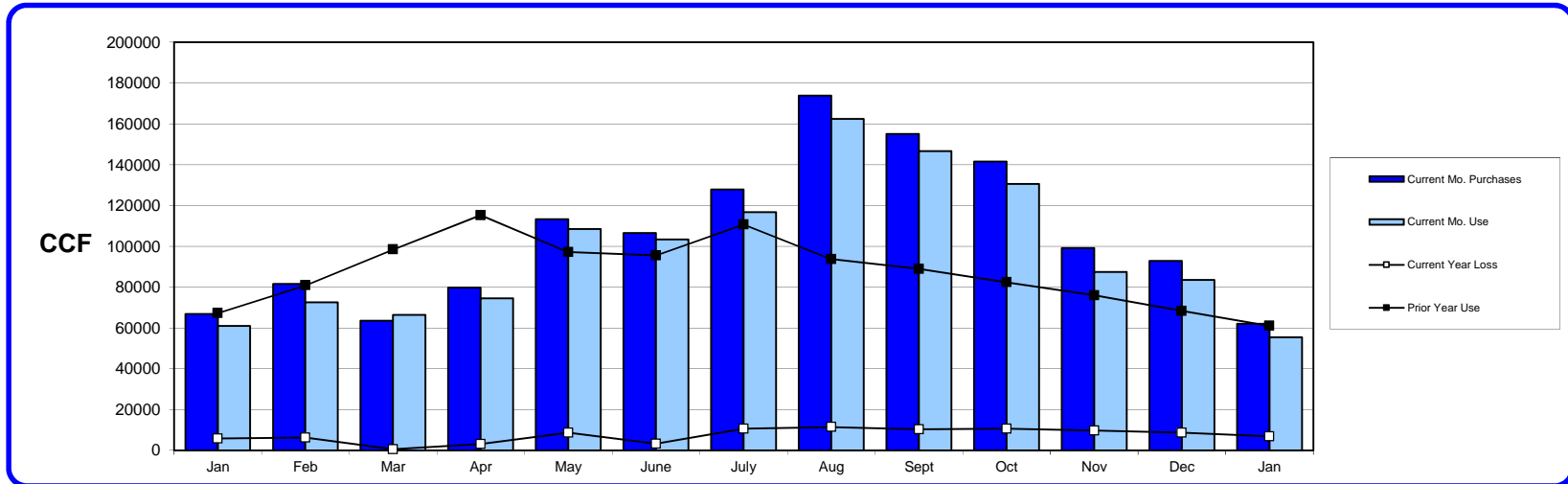
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 0 Accts closed/transferred 71 Empty Homes 8			Butterfield (305) Calif. Meadows (345)	
Residential	4966	2	650	5618
Commercial	84	0	2	86
Commercial-fireheld inactive	41			41
Public Govt	3	1	0	4
Irrigation-Industrial	0	66	0	66
Non-Potable Water other	0	137	0	137
Construction-Bulk Sales	0	6	0	6
Total Active Customers				

DELINQUENT REPORT

Meters Read - Customers Billed	5265	
Received Delinquent Notice on current bill	502	9.53%
Turned Off for lack of payment	31	0.59%
Customers turned back on, amount paid	30	0.57%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	TOTAL
Beg Water Levels	8157	8223	11024	7649	9846	8387	8502	9117	9865	7982	8320	10346	11057	
Ending Water Levels	8223	11024	7649	9846	8387	8502	9117	9865	7982	8320	10346	11057	10830	
Cur Yearly Purchases	66752	81421	63424	79673	113267	106499	127829	173678	154992	141397	99087	92774	61904	1362697
Cur Yr Monthly Use	60973	72419	66313	74479	108426	103216	116641	162272	146618	130468	87384	83501	55396	1268106
Prior Yr Monthly Use	67177	80811	98395	115197	97158	95479	110679	93626	88794	82309	75904	68282	60973	1134784



SUMMARY

CCF

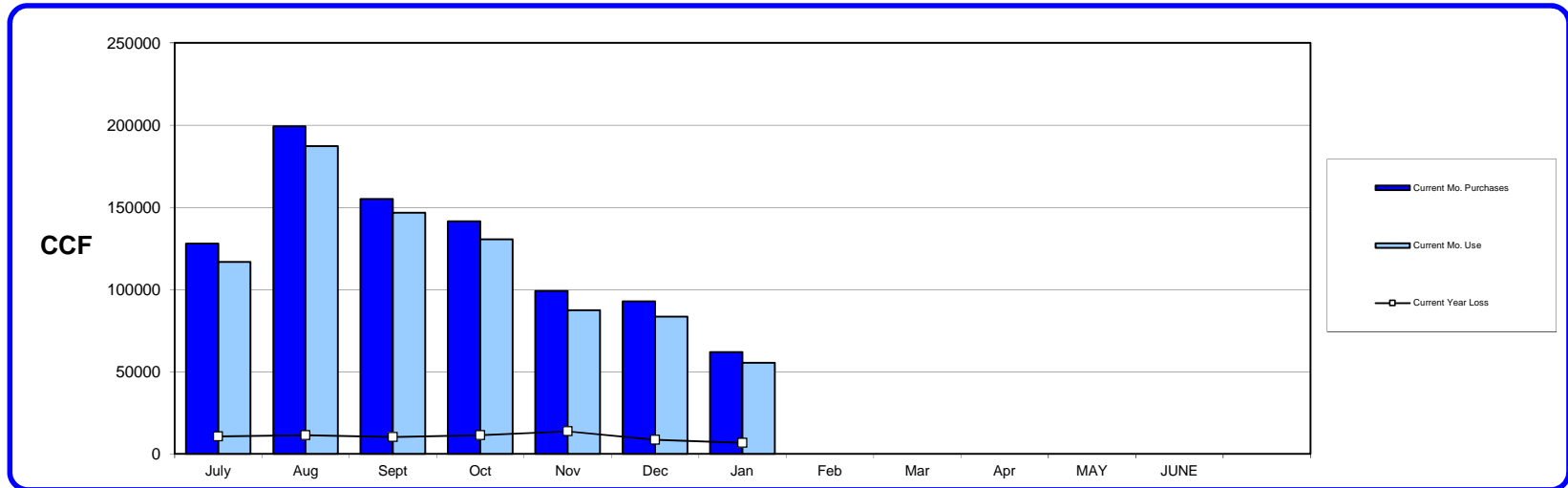
Beginning Water in System 8157 CCF
Water Purchased in last 13 months 1362697 CCF
Water Used in last 13 months 1268106 CCF
Water Remaining in System 10830 CCF
(Loss)/Gain over last 13 months (91918) CCF

-6.75%

KEY
2014-2015
2015-2016
2016-2017

WATER USAGE REPORT FOR FY 2016-2017

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	TOTAL
Beg Water Levels	8502	9117	9865	7982	8320	10346	11057						
Ending Water Levels	9117	9865	7982	8320	10346	11057	10830						851661
Cur Yearly Purchases	127829	173678	154992	141397	99087	92774	61904						782280
Cur Yr Monthly Use	116641	162272	146618	130468	87384	83501	55396						72433
GAIN/LOSS (UNITS)	10573	11310	10257	11267	13729	8562	6735						



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

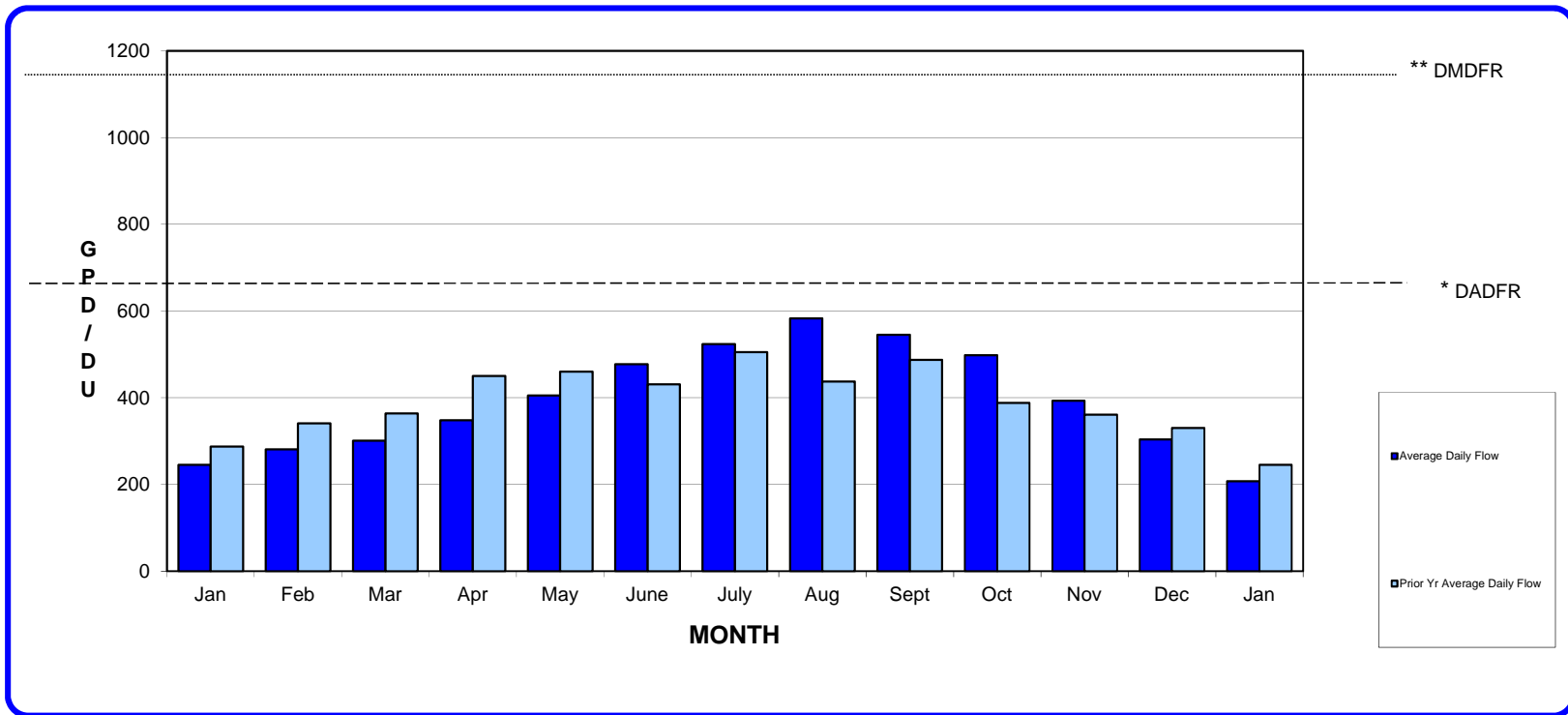
SUMMARY	CCF
Beginning Water in System	8502 CCF
Water Purchased	851661 CCF
Water Used	782280 CCF
Water Remaining in System	10830 CCF
(Loss)/Gain FY to date	(67053) CCF
	-7.87%

RESIDENTIAL WATER USAGE

AVERAGE DAILY FLOW

(GALLONS per DAY per RESIDENTIAL DWELLING UNIT CONNECTED)

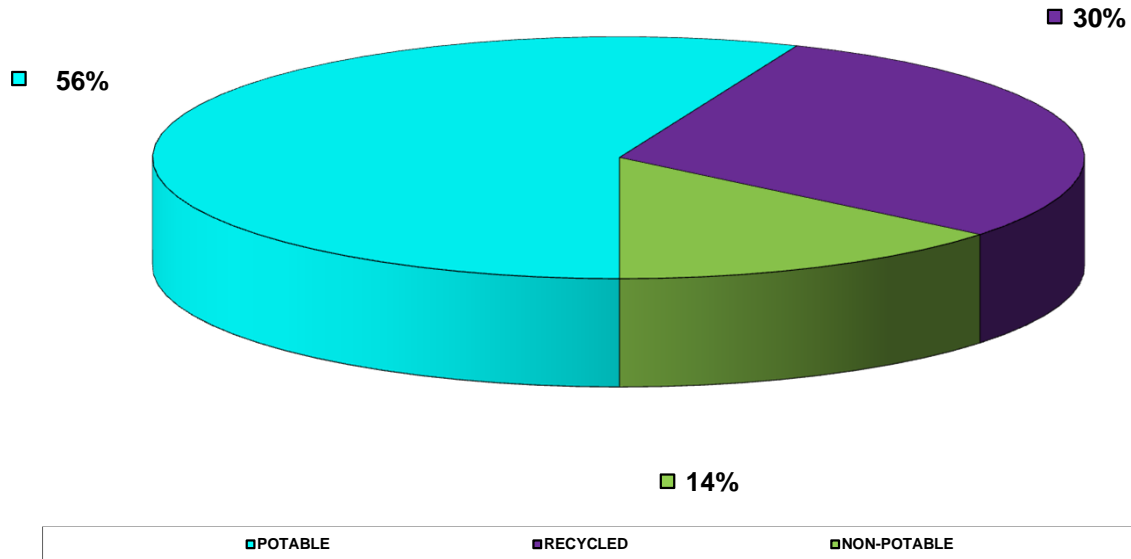
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	YEARLY AVERAGE
Average Daily Flow	245	281	301	348	405	477	524	583	545	498	393	304	208	406
Prior Yr Average Daily Flow	287	341	364	450	460	431	505	437	487	388	361	330	245	400



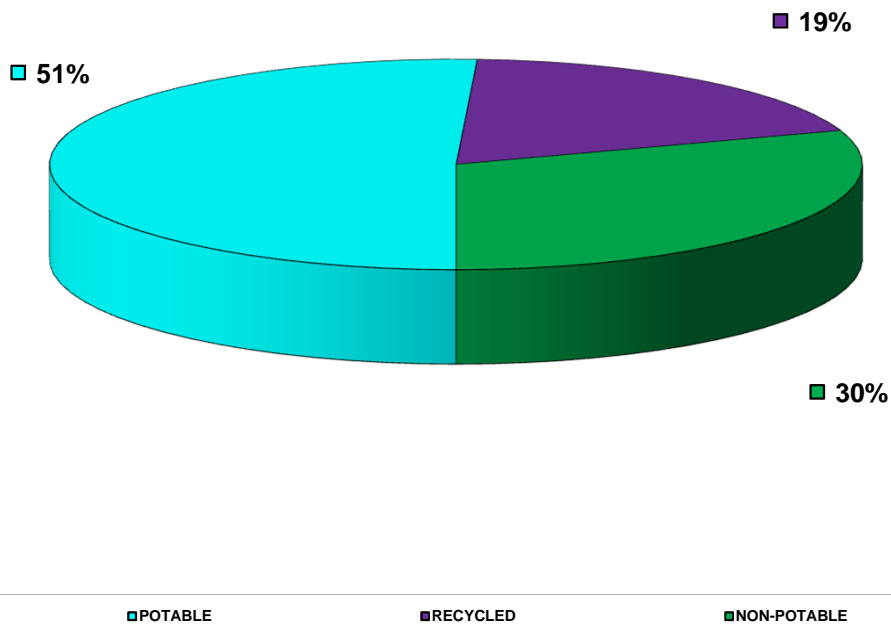
Key
 2014-2015
 2015-2016
 2016-2017

* 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 Seven Months Ending January 31, 2017
F/Y 2016-2017**

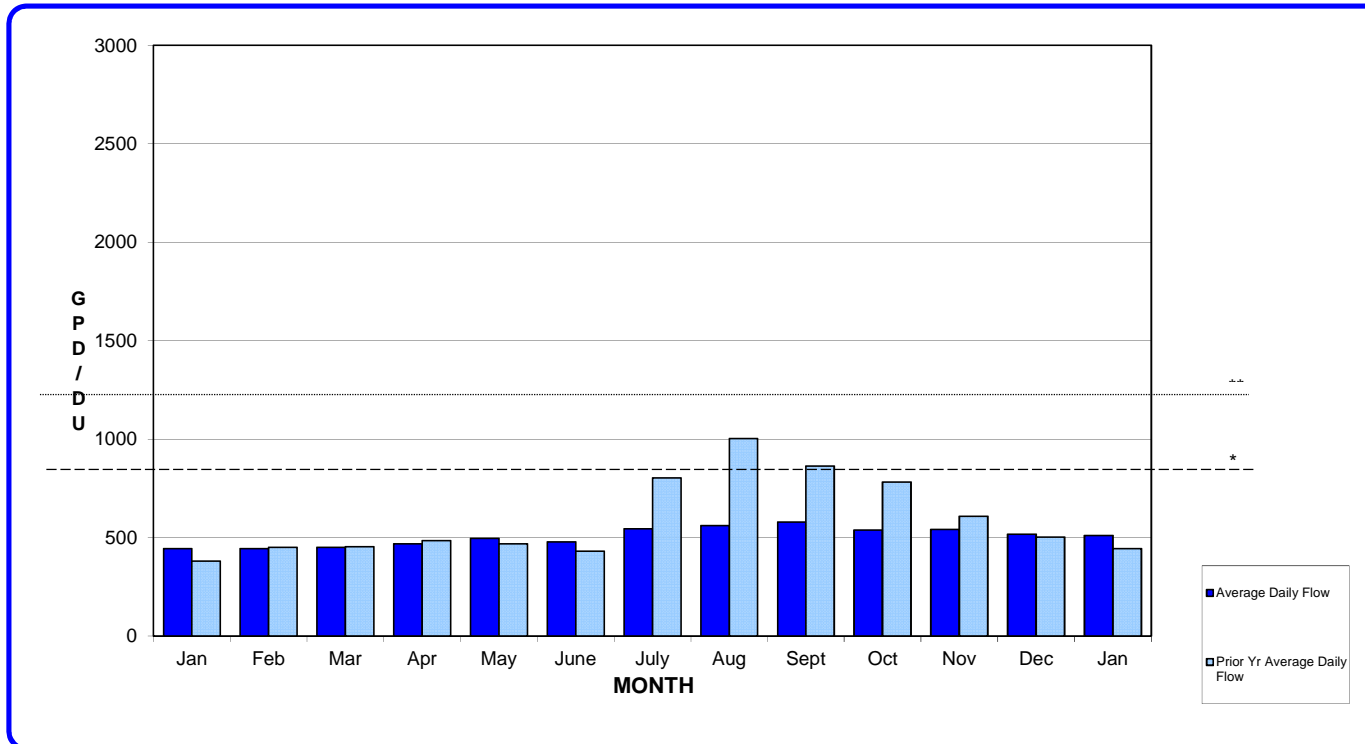


**Temescal Valley Water District
Water Volume Sold
For F/Y 2015-2016
Twelve Months**



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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	YEARLY AVERAGE
Average Daily Flow	444	444	451	469	496	478	546	561	579	539	542	518	512	511
Prior Yr Average Daily Flow	381	451	454	485	469	431	803	1004	863	782	608	503	444	1042



Key
 2014-2015
 2015-2016
 2016-2017

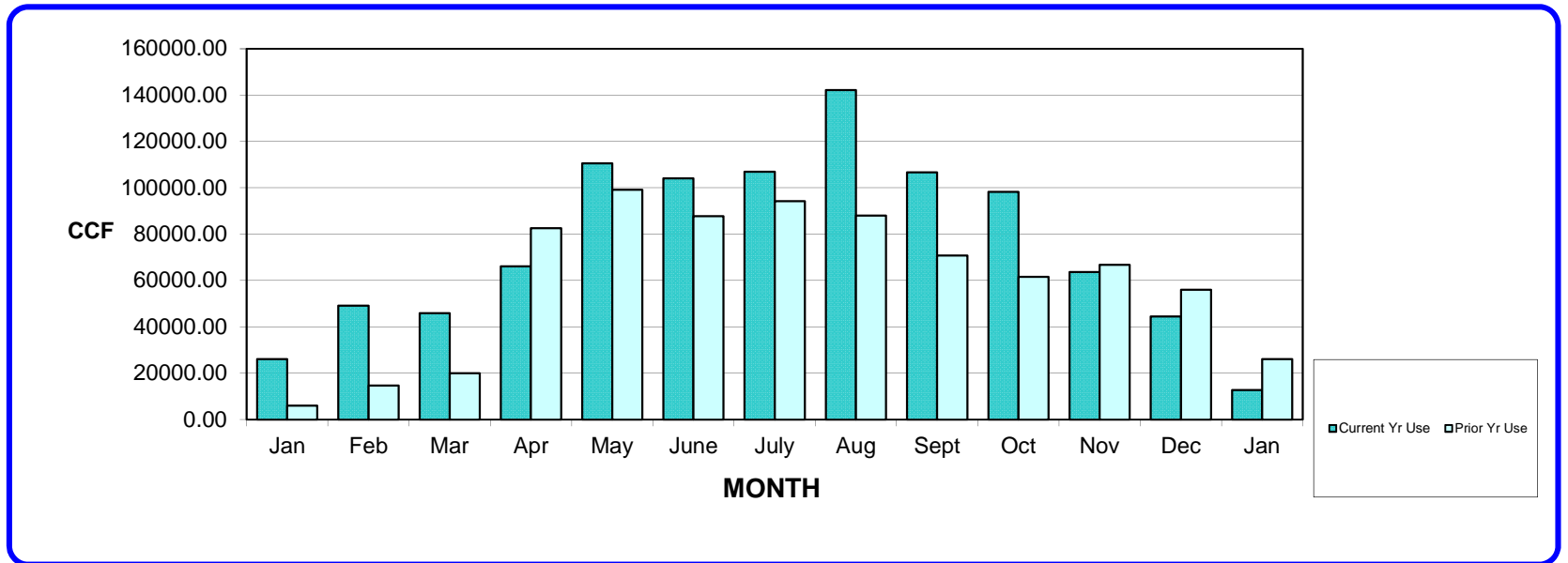
* DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)

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

NOTE: EMISSARIES STARTED USING WATER

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

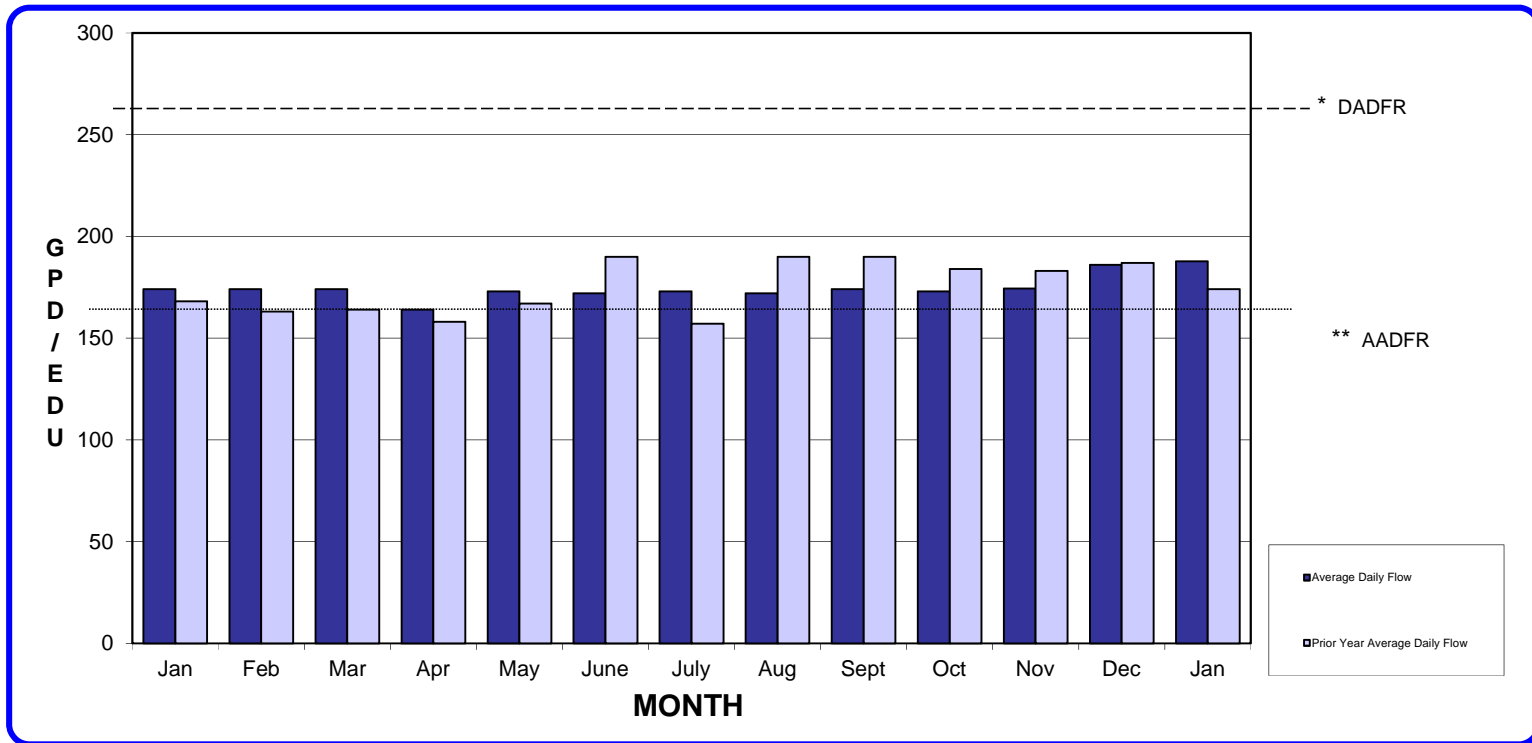
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Current Yr Use	26122.81	49169.19	45887.67	66124.51	110560.21	104019.74	106957.12	142210.12	106718.90	98261.40	63655.96	44418.02	12663.02
Prior Yr Use	6042.52	14725.03	19938.46	82604.83	99197.00	87702.00	94170.28	88058.82	70781.92	61621.08	66739.00	56050.32	26122.81
Revenue	\$44,147	\$84,561	\$77,550	\$77,550	\$190,723	\$179,425	\$183,977	\$240,312	\$184,646	\$169,073	\$112,792	\$76,130	\$21,401



Key
2014-2015
2015-2016
2016-2017

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	12-Month Average
Average Daily Flow	174	174	174	164	173	172	173	172	174	173	174	186	188	189
Prior Year Average Daily Flow	168	163	164	158	167	190	157	190	190	184	183	187	174	176



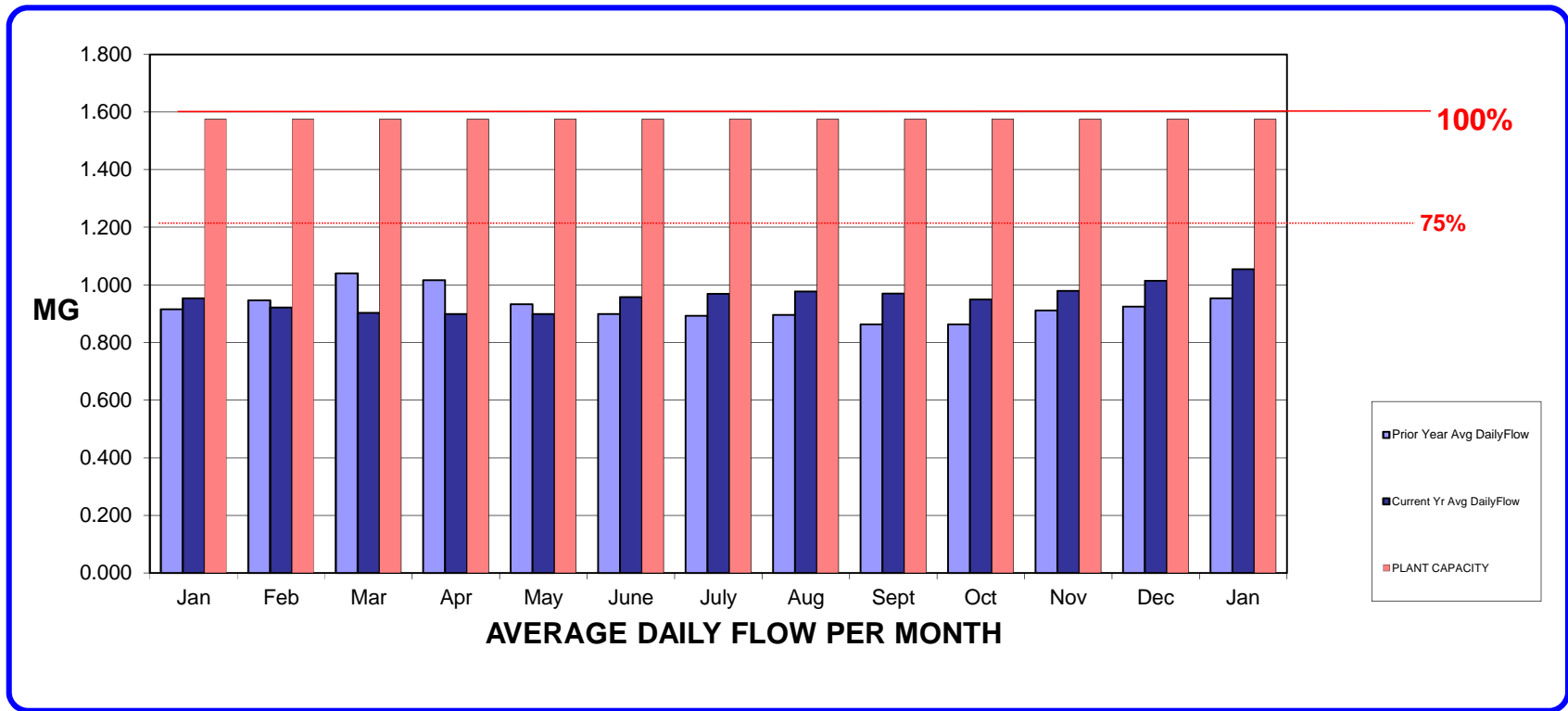
Key
2014-2015
2015-2016
2016-2017

** ACTUAL AVERAGE DAILY FICCF

RECLAMATION PLANT FLOW REPORT AVERAGE DAILY FLOW (Million Gallons)

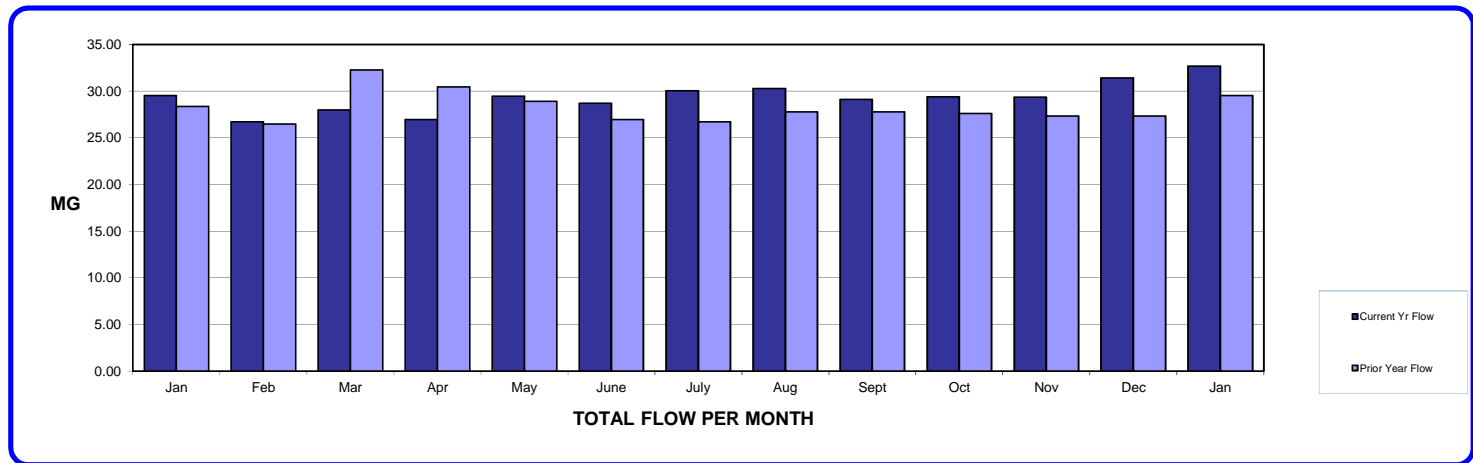
Key	
2013-2014	
2014-2015	
2015-2016	

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Current Yr Avg DailyFlow	0.9530	0.9210	0.9030	0.8990	0.8990	0.9570	0.9690	0.9770	0.9700	0.9490	0.9790	1.0140	1.0540
Prior Year Avg DailyFlow	0.9150	0.9460	1.0400	1.0160	0.9330	0.8990	0.8930	0.8960	0.8630	0.8630	0.9110	0.9240	0.9530
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)

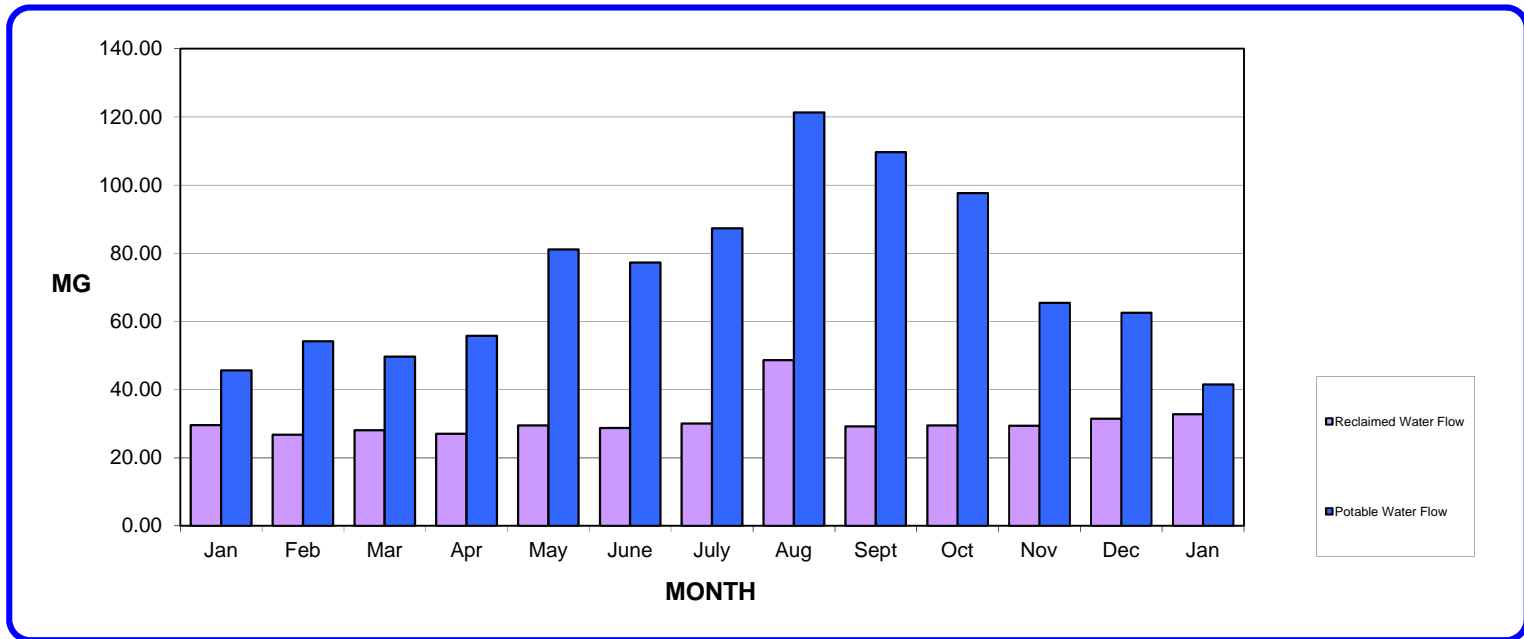
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Total/yr
Current Yr Flow	29.54	26.71	27.99	26.96	29.47	28.70	30.03	30.30	29.11	29.41	29.36	31.42	32.68	352.14
Prior Year Flow	28.35	26.48	32.26	30.47	28.92	26.97	26.72	27.78	27.78	27.60	27.32	27.32	29.54	339.16
Potential Revenue	\$66,740	\$84,561	\$63,220	\$60,894	\$66,582	\$64,842	\$67,836	\$68,448	\$65,748	\$66,439	\$66,324	\$70,978	\$73,831	\$819,703
Current Month Revenue	\$18,687	\$55,530	\$56,976	\$60,894	\$66,582	\$64,842	\$67,836	\$68,448	\$65,748	\$66,439	\$66,324	\$66,324	\$19,313	\$725,256
Additional Potential Rev	\$48,052	\$29,031	\$6,245	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,654	\$54,517	\$94,448



Key	
■	2014-2015
■	2015-2016
■	2016-2017

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
No. of Sewer Dwelling Units Connected	5470	5480	5493	5492	5513	5507	5515	5541	5559	5568	5602	5610	5618
Reclaimed Water Flow	29.54	26.71	27.99	26.96	29.47	28.70	30.03	48.60	29.11	29.41	29.36	31.42	32.68
Potable Water Flow	45.61	54.17	49.60	55.71	81.10	77.21	87.25	121.30	109.67	97.59	65.36	62.45	41.44



Month	AVG								TOTAL		
	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Avg All Resid	IND-BK / IRR	RECYCLED- Inc Retreat Golf	NONPOT- Other	NONPOT-Trilogy Golf
AVG '07-'08	18.1	32.7	15.9	32.2	21.7	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	28.5	42.5	28.2	42.2	27.1	43.1	31.1	375.7	76,504.9	2,689.2	17,143.1
Sep-16	28.5	42.5	39.1	42.2	27.1	43.1	31.1	375.7	60,099.0	31,347.0	15,211.0
Oct-16	19.5	32.8	21.1	25.6	19.0	27.8	21.8	121.4	57,201.0	27,684.8	12,592.0
Nov-16	15.7	26.1	13.6	19.9	15.5	21.8	16.6	404.4	43,645.0	5,068.0	14,943.0
Dec-16	15.1	25.3	11.8	17.6	15.3	21.0	15.6	226.6	31,939.0	4,273.4	8,173.0
Jan-17	11.5	16.4	6.3	10.6	11.5	13.2	10.6	9.2	11,428.1	937.4	165.0
Feb-17											
Mar-17											
Apr-17											
May-17											
Jun-17											
AVG '16-'17											

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



Temescal Valley Water District

You spoke and we listened!

Temescal Valley Water District is pleased to announce our new Water & Sewer billing software. The new bills are designed to give you more information and can be one of your best water conservation tools. Knowing how to read it can help you understand your consumption, detect possible leaks, and save you money!

How to Read Your New Water & Sewer Bill

- A. **ACCOUNT INFORMATION** - The name registered to the account, the service address, your account number and service location number.
- B. **METER INFORMATION** - Your service meter number, the billing period, # of days in billing cycle, your meter readings, and the total water usage for your billing period.
- C. **ACCOUNT SUMMARY** - Shows your invoice date and payment activity - your current charges and any due balances or adjustments.
- D. **BILLING MESSAGE** - Special account information regarding your account balance. Any past due balance and scheduled for disconnection, or if you are enrolled in Autopay, Autopay message will be displayed here.
- E. **USAGE HISTORY** - This graph of historical usage provides you with a visual indication of how your current consumption compares to previous months and years.
- F. **FEES & CHARGES** - Balance breakdown for water charges for current billing period and any balance that is past due.
- G. **PAYMENT STUB** - The portion you return with your payment. To expedite processing, your account number, name, service address, as well as the payment mailing address are pre-printed on it.
- H. **PAYMENT INFORMATION** - Invoice due date and balance due.
- I. **CONTACT INFORMATION** - Office hours excluding holidays, phone number for customer service, emergencies, as well as our website address.

TEMESCAL VALLEY WATER DISTRICT
 22646 Temescal Canyon Road
 Temescal Valley, CA 92883-4106
 Office Hours: Monday-Thursday 7:30 am - 5:00 pm
 Friday 7:30 am - 4:00 pm
 Phone (951) 277-1414
 Fax (951) 277-1419
 www.temescalvwd.com

Invoice Date: 3/1/2017
 Prior Balance: 125.00
 Prior Adjustments: 0.00
 Payments Received: 50.00
 Balance Forward: \$75.00
THIS BALANCE IS PAST DUE & SCHEDULED FOR DISCONNECTION ON 4/15/2017

ACCOUNT INFORMATION
 Customer Name: JOHN DOE Account Number: 123456
 Service Address: 4607 WEBBER STREET Location Number: 06-123456

METER INFORMATION

Meter Number	Read Date		Billing Days	Meter Readings		Usage (Units) 1 Unit = 748 Gallons
	Previous	Present		Previous	Present	
29309366	1/27/2017	2/24/2017	28	87851.00	87876.54	25.54

USAGE HISTORY

FEES & CHARGES

Water Service Fee	20.87	
Water Usage	Units	
Tier 1-\$2.55	7.00	17.85
Tier 2-\$2.89	10.00	28.90
Tier 3-\$3.19	10.54	33.62
Zone Pump Charge	3.32	
Sewer Service Fee	35.30	
MWD RTS Fee	2.27	
Late Fee	7.50	
Current Charges:	149.63	
Past Due Balance (Due now):	75.00	
TOTAL DUE:	\$224.63	

PLEASE KEEP THIS COPY FOR YOUR RECORDS
 PLEASE RETURN THIS PORTION WITH PAYMENT

If a past due balance is reflected, please remit payment immediately to avoid disconnection and additional fees.

Invoice Date: 3/1/2017
 Account Number: 123456
 Location Number: 06-123456
 Name On Account: JOHN DOE
 Service Address: 4607 WEBBER STREET

AMOUNT DUE IF PAID BY: 3/30/2017 \$224.63
 10% PENALTY ADDED TO AMOUNT DUE IF PAID AFTER 3/31/2017

Amount Enclosed \$

View your account detail and pay online with credit or debit card at www.temescalvwd.com

For your convenience an after hours lock box is located outside our front gate.

MAKE CHECKS PAYABLE AND REMIT TO:
 Temescal Valley Water District
 22646 Temescal Canyon Road
 Temescal Valley, CA 92883

Office Hours: Monday - Thursday 7:30 am - 5:00 pm, Friday 7:30 am - 4:00 pm





Go Paperless!

Pay Your Bill Online

Visit us at www.temescalvwd.com

View, Pay and Print Your Bill with TVWD's New Online Features!

The District is proud to offer the following time saving conveniences:

Interactive Web Response System... **New Features!**

- Access your account from any computer, 24/7.
- **NEW!** Electronic Bill Presentation features.
- 12 Months of billing & payment history.
- **NEW!** Update your contact information.
- No extra fees for Visa, MasterCard payments.
- **NEW!** View 12 months of water usage history.
- **NEW!** View 24 months of electronic statements.

Electronic Bill Presentation... **New Features!**

- **NEW!** No more Paper Bill.
- Email notification when your bill is ready.
- Secure access to view your bill.
- Saves money on postage.
- Convenient and great for the environment.
- More reliable and secure than regular mail.

Auto Pay... **New Features!**

- **New!** Sign up online.
- Your bill is deducted automatically from your checking account every month on bill due date.
- **Avoid late fees.**
- Payments are never deducted before the due date of your bill.
- No need to write a check again.

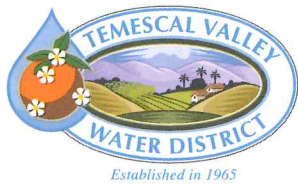
Questions?

We're here to help online or by phone:
Monday - Thursday 7:30 a.m. to 5:00 p.m.
Fridays - 7:30 a.m. to 4:00 p.m.
Admin@temescalvwd.com

➤ Call (951) 277-1414 to speak with a Customer Care Representative.



Temescalvwd.com



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Friday 7:30 am - 4:00 pm
Phone (951) 277-1414
Fax (951) 277-1419
www.temescalvwd.com

BAL FORWARD IS PAST DUE AND SCHEDULED FOR TERMINATION ON 10/15/16



AUTO
JOHN DOE
4607 WEBBER STREET
TEMESCAL VALLEY, CA 92883-9267

Account #	Location #	Service Address	From	To	
123456	06-123456	4607 WEBBER STREET	7/25/2016	8/22/2016	
Type	Desc	Present	Previous	Usage	Amount
ARR	BAL FORWARD				125.00
PAY	PAYMENT				-50.00
WAT	WAT USG~TIER 1-\$2.07	607.34	602.34	5.00	10.35
WAT	WAT USG~TIER 2-\$2.26	617.34	607.34	10.00	22.60
WAT	WAT USG~TIER 3-\$2.65	627.88	617.34	10.54	27.93
MWD	MWD RTS				3.88
SEW	SEWER SVC				20.87
WAT	WATER SVC				35.30
ZON	ZONE PUMP CHG				3.32
LTF	LATE CHARGE				7.50

Payment Late After	After Due Date Pay	Pay On Time And Save	Pay This Amount
8/24/2016	227.43	20.68	206.75

Date Meter Read: 8/22/2016

Please Return This Stub With Payment

Check here if you have completed the "Address Change Notice" on the back of this form.

Account: 123456
Location: 06-123456

Customer: JOHN DOE
Service At: 4607 WEBBER STREET

JOHN DOE
4607 WEBBER STREET
TEMESCAL VALLEY, CA 92883-9267

Amount Now Due: 206.75
Late After: 9/24/2016
After Due Date: 227.43

Circle Payment Type: Check# _____ Cash Money Order Credit Card Date Received _____

Please check for unpaid BAL FORWARD to avoid termination of water service.

MAKE CHECK(S) PAYABLE TO TEMESCAL VALLEY WATER DISTRICT



22646 Temescal Canyon Road
Temescal Valley, CA 92883-4106

Office Hours: Monday-Thursday 7:30 am - 5:00 pm
Friday 7:30 am - 4:00 pm
Phone (951) 277-1414
Fax (951) 277-1419
www.temescalvwd.com

Invoice Date: 9/1/2016

Prior Balance: 125.00
Prior Adjustments: 0.00
Payments Received: 50.00
Balance Forward: \$75.00

THIS BALANCE IS PAST DUE & SCHEDULED FOR DISCONNECTION ON 10/15/2016



AUTO
JOHN DOE
4607 WEBBER STREET
TEMESCAL VALLEY, CA 92883-9267

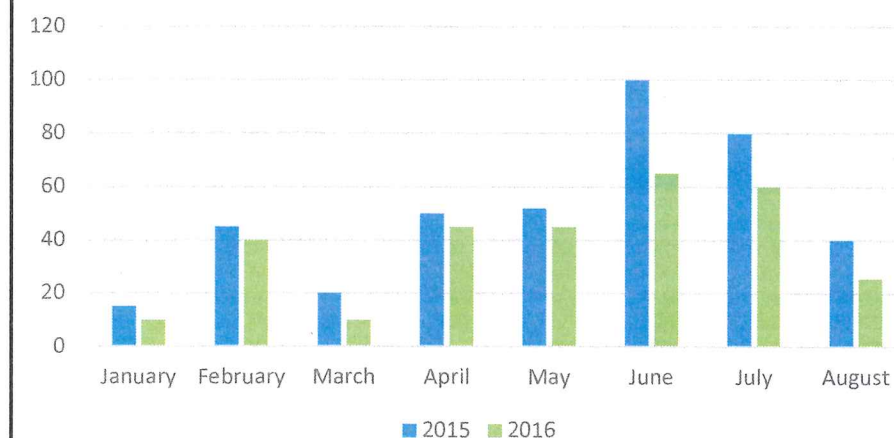
ACCOUNT INFORMATION

Customer Name: JOHN DOE Account Number: 123456
Service Address: 4607 WEBBER STREET Location Number: 06-123456

METER INFORMATION

Meter Number	Read Date	Billing Days	Meter Readings	Usage (Units)		
Previous	Present		Previous	Present		
29309366	7/25/2016	8/22/2016	28	8785100	8787654	25.54

USAGE HISTORY



FEES & CHARGES

Water Service Fee		19.67
Water Usage	Units	
Tier 1-\$2.55	7.00	17.85
Tier 2-\$2.89	10.00	28.90
Tier 3-\$3.19	8.54	27.25
Zone Pump Charge		4.60
Sewer Service Fee		35.30
MWD RTS Fee		2.27
Late Fee		7.50

Current Charges: 143.34
Past Due Balance (Due now): 75.00

TOTAL DUE: \$218.34

PLEASE KEEP THIS COPY FOR YOUR RECORDS
PLEASE RETURN THIS PORTION WITH PAYMENT

If a past due balance is reflected, please remit payment immediately to avoid disconnection and additional fees.

Invoice Date: 9/1/2016
Account Number: 123456
Location Number: 06-123456
Name On Account: JOHN DOE
Service Address: 4607 WEBBER STREET

AMOUNT DUE IF PAID BY: 9/24/2016 \$218.34
10% PENALTY ADDED TO AMOUNT DUE IF PAID AFTER 9/24/2016

Amount Enclosed \$

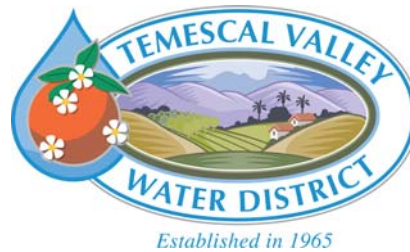
View your account detail and pay online with credit or debit card at www.temescalvwd.com

For your convenience an after hours lock box is located outside our front gate.

MAKE CHECKS PAYABLE AND REMIT TO:

Temescal Valley Water District
22646 Temescal Canyon Road
Temescal Valley, CA 92883

Office Hours: Monday - Thursday 7:30 am - 5:00 pm, Friday 7:30 am - 4:00 pm



February 28, 2017

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 – New Well Pump – **In and operational**
 - Terramor Basin Park Perk Piping – **Design approved**
 - Park Canyon Drive RW line – **Easement have been delivered to Craig Deleo**
 -
- Working on Conservation opportunities and RW conversion locations -
- Working with Land Developers on water and sewer fees for multiple infill projects.
 - Deleo adjacent to Tom's Farms – **No Activity**
 - Forest Boundary – Plan Checking design plans - **Signed**
 - Retreat Infill – **Kiley Court – Plans signed**
 - Temescal Canyon Road at Campbell Ranch Road – **No Activity**
 - Kiley Family Trust Property – **Tract Map Stage**
- Terramor CFD – **No activity**
- Terramor Review:
 - New sewer lift station – **In Construction**
 - RW and Potable Tank Siting – **In Design**
- Terramor Onsite Water, Sewer and RW improvements
 - 1320 Water line - **In Construction**
 - 1509 Water line - **In Construction**
 - Back Bone Gravity Sewer –**In Construction**
 - Potable Water Booster Upgrade – **In operation**
 - RW Water Booster - **In operation**
- Sycamore Creek:
 - TM 36317 Water Sewer and RW improvement plans **Signed**
 - TM 36317 Potable Booster – **In Design**

Temescal Valley Water District

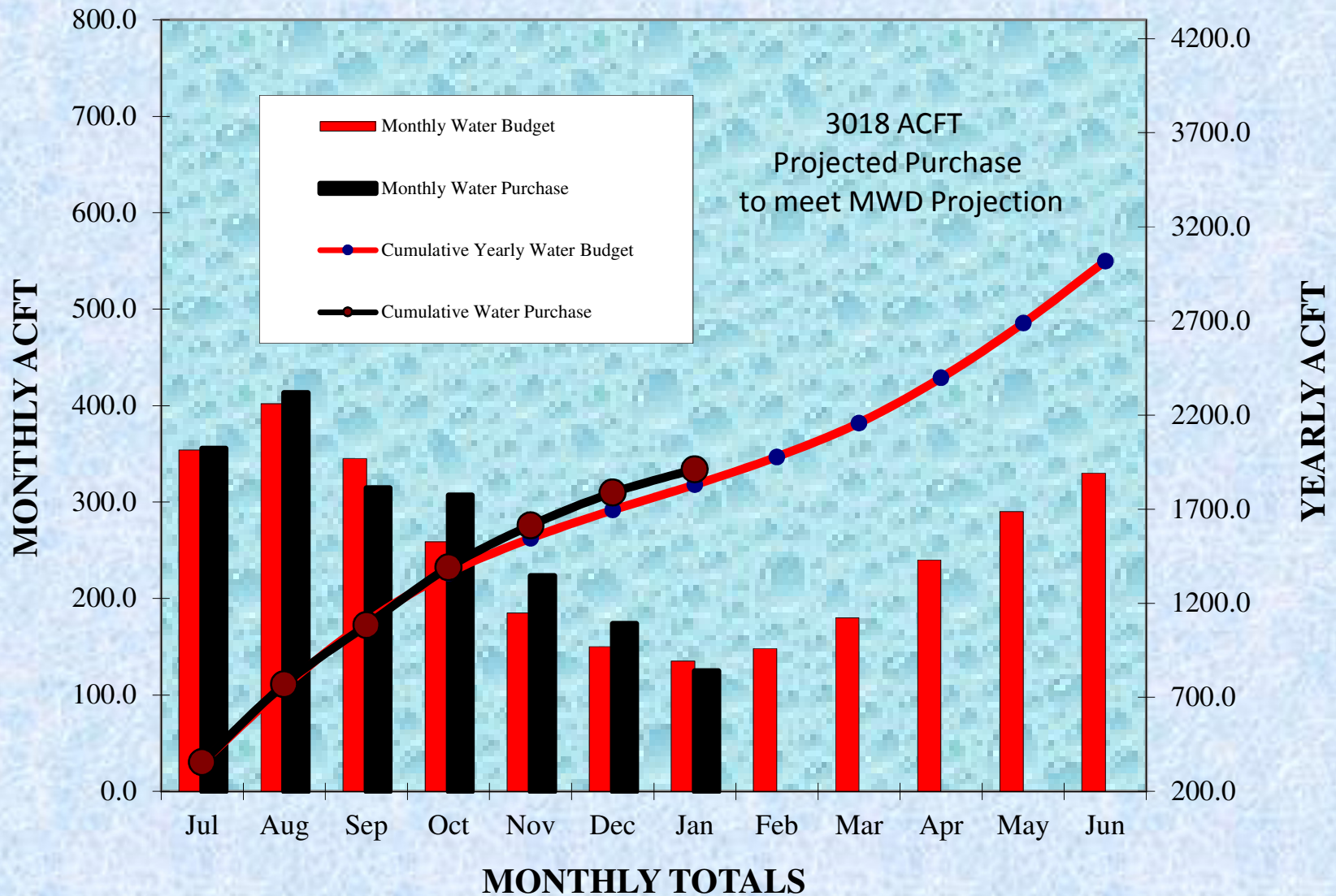
22646 Temescal Canyon Road | Temescal Valley, CA 92883-4106 | tel: 951.277.1414 | fax: 951.277.1419

www.temescalvwd.com

WHOLESALE BUDGET vs PURCHASE

Water Year July 2016 through June 2017

3018 ACFT PROJECTION



MEMORANDUM

DATE: January 24, 2017

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: Resolution on the formation of a JPA to form a GSA for the Bedford/ Coldwater Sub-Basin

BACKGROUND

Over many months Jeremy Jungreis (Special Water Legal Counsel) and I have been working on the formation of a JPA between TVWD, the City of Corona (CITY) and the Elsinore Valley Water District (EVMWD). This JPA will be the governing body of a Groundwater Sustainable Agency (GSA). The GSA formation is required by certain legislative action taken by the Governor to protect groundwater.

In September 2014 the Governor signed SB 1168, SB 1319, and AB 1739 into law creating the Sustainable Groundwater Management Act of 2014 (“SGMA”). SGMA requires the formation of GSA’s that are responsible for implementing sustainable groundwater management in medium and high priority basins (and sub-basins) as designated by the California Department of Water Resources (“DWR”) in the Bulletin 118 inventory of California’s groundwater basins. The Bedford-Coldwater Sub-Basin has been designated a “Medium Priority Basin”.

SGMA requires that each GSA develop a Groundwater Sustainability Plan (GSP). The GSP will determine the sustainable yield from the Sub-Basin and evaluate the need for any modifications of pumping in the Sub-Basin. In addition, the GSP can outline projects that contribute to sustainability, such as groundwater recharge projects. The deadline for the GSP varies depending on DWR’s designation of the basin. The GSP for the Bedford-Coldwater Sub-basin is due to DWR on January 31, 2022.

TVWD, CITY and EVMWD each serve customers and operate wells in the Bedford-Coldwater Sub-Basin and the three agencies have a long history of cooperation to ensure the proper management of the Sub-Basin. On that basis it was determined the best approach would be to enter into a joint powers agreement to form a joint powers authority to serve as the GSA.

The basic components of the JPA include, but are not limited to:

- Formation of a joint powers authority, to be known as the Bedford-Coldwater Groundwater Sustainability Authority (“Authority”), to serve as the GSA for the Bedford-Coldwater Sub-Basin
- Authority Board of Directors comprised of three members – one from each agency
- Quarterly meetings of the Board of Directors or as-needed in order to meet the needs of the GSA
- One vote per agency
- Unanimous vote required on items of concern, including adopting the GSP
- Equal cost sharing among the three agencies
- Ability to hire a third party Administrator to operate the day-to-day functions of the GSA
- Authority will have the power to implement SGMA
- Ability to do special projects
- Expectation that each agency will contribute certain “in-kind” staff services for the JPA

Once the JPA is formed and has conducted its first meeting an application will be submitted to the Department of Water Resources as a notice of its intent to be the GSA for the Bedford-Coldwater Sub-Basin. The deadline for the notice is June 30, 2017.

The schedule for GSA formation is as follows:

- February – CITY, TVWD, and EVMWD present the JPA to their respective Council/Board for approval;
- March – the Authority holds its first meeting and submits its Notice of Intent to DWR.
- March through June – required 90 day posting period
- Late June – if no other applications are received for the Sub-Basin after 90 days, the Authority becomes the exclusive GSA for the Bedford-Coldwater Sub-Basin

This agreement has been reviewed by:

Jeff Pape: General Manager

Jeremy Jungreis: Special Water Legal Counsel

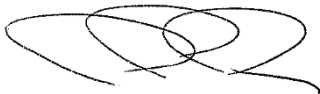
Dave Saunders: General Counsel – As to Form

Charlie Colladay and Grant Destache: Bedford- Coldwater Basin Advisory Committee

FISCAL IMPACT: Unknown at this time but will include costs for Legal Counsel, Administration, GSP development and implementation.

Recommendation: To be made by the Board

Respectfully submitted,

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke at the end.

Jeff Pape
General Manager

RESOLUTION NO. R-17-02

RESOLUTION OF THE TEMESCAL VALLEY WATER DISTRICT AUTHORIZING THE EXECUTION AND DELIVERY OF THE JOINT POWERS AGREEMENT WITH ELSINORE VALLEY MUNICIPAL WATER DISTRICT AND CITY OF CORONA FOR THE FORMATION OF THE BEDFORD-COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY

WHEREAS, in September 2014, the Governor signed three bills (SB 1168, SB 1319, and AB 1739) into law creating the Sustainable Groundwater Management Act of 2014 (“SGMA”), which generally requires the formation of one or more Groundwater Sustainability Agencies (“GSA”) responsible for implementing sustainable groundwater management and preventing “undesirable results” in groundwater basins and sub-basins designated as a medium or high or priority basin by the California Department of Water Resources (“DWR”); and

WHEREAS, DWR has designated the Bedford-Coldwater Sub-Basin of the Elsinore Basin (the “Sub-Basin”), as a medium priority groundwater basin; and

WHEREAS, the Temescal Valley Water District (“TVWD”), Elsinore Valley Municipal Water District (“EVMWD”) and City of Corona (“CITY”) each overlay a portion of the Sub-Basin and each exercise water management, water supply or land use authority within a portion of the Sub-Basin; and

WHEREAS, under SGMA, a combination of local agencies may elect to form a joint powers authority to serve as the GSA for all or portions of the Sub-Basin through a joint powers agreement; and

WHEREAS, TVWD, CITY and EVMWD have negotiated that certain Joint Powers Agreement by and between the City of Corona, Elsinore Valley Municipal Water District, and Temescal Valley Water District for the Formation of a Joint Powers Authority and Management of the Bedford-Coldwater Sub-Basin of the Elsinore Basin (“Joint Powers Agreement”) to create a joint powers authority to be known as the Bedford-Coldwater Groundwater Sustainability Authority in order to implement SGMA in the entire Sub-Basin; and

WHEREAS, TVWD, CITY and EVMWD are authorized to enter into the Joint Powers Agreement pursuant to the Joint Exercise of Powers Act, Government Code §§ 6500 et seq., for the purpose of acting as a separate public agency that can carry out all obligations, and exercise all powers, of a GSA in all areas of the Sub-Basin.

NOW, THEREFORE, BE IT RESOLVED, by Temescal Valley Water District, Temescal Valley, California, as follows:

SECTION 1. Approval of Agreement. TVWD hereby approves the Joint Powers Agreement in substantially the form attached hereto as Exhibit “A” and incorporated herein by reference.

SECTION 2. Implementation. The President and the General Manager are hereby authorized and directed to execute and deliver the Joint Powers Agreement for and on behalf of TVWD, and the General Manager is authorized to take any actions and execute any documents necessary to carry out the stated purposes of this Resolution, including authorizing non-substantive changes to the Joint Powers Agreement.

SECTION 3. Severability. If any provision of this Resolution or the application of any such provision to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of this Resolution that can be given effect without the invalid provision or application, and to this end the provisions of this Resolution are severable.

SECTION 4. Effective Date. This Resolution shall become effective immediately upon its adoption.

ADOPTED, SIGNED and APPROVED this 28th day of February 2017.

ATTEST:

APPROVED:

By: _____
Secretary, Board of Directors
Temescal Valley Water District

By: _____
President, Board of Directors
Temescal Valley Water District

Date: _____

Date: _____

I, Paul Rodriguez hereby certify that I am the duly appointed and presently acting Secretary of Temescal Valley Water District, a California Water District; that the foregoing is a full and correct copy of Resolution No. R-17-02 of said District; that said Resolution was duly adopted on February 28, 2017 at a regular meeting of the Board of Directors of said District by the following roll call vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

IN WITNESS WHEREOF, I have hereunto set my hand this 28th day of February 2017.

Paul Rodriguez, Secretary
Temescal Valley Water District

EXHIBIT "A"

**JOINT POWERS AGREEMENT BY AND AMONG THE CITY OF CORONA,
ELSINORE VALLEY MUNICIPAL WATER DISTRICT, AND TEMESCAL VALLEY
WATER DISTRICT FOR THE FORMATION OF A JOINT POWERS AUTHORITY
AND MANAGEMENT OF THE BEDFORD-COLDWATER SUB-BASIN OF THE
ELSINORE BASIN**

[SEE ATTACHED 24 PAGES]

JOINT POWERS AGREEMENT

by and among

**THE CITY OF CORONA,
a California general law city,**

**ELSINORE VALLEY MUNICIPAL
WATER DISTRICT,
a municipal water district**

and

**TEMESCAL VALLEY WATER DISTRICT,
a California water district**

for the formation of a joint powers authority and management of

**THE BEDFORD-COLDWATER SUB-BASIN
OF THE ELSINORE BASIN**

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**JOINT POWERS AGREEMENT BY AND AMONG THE CITY OF CORONA,
ELSINORE VALLEY MUNICIPAL WATER DISTRICT, AND TEMESCAL VALLEY
WATER DISTRICT FOR THE FORMATION OF A JOINT POWERS AUTHORITY
AND MANAGEMENT OF THE BEDFORD-COLDWATER SUB-BASIN OF THE
ELSINORE BASIN**

THIS JOINT POWERS AGREEMENT (“Agreement”) is entered into as of _____ 2017, by and between the CITY OF CORONA (“Corona”), a California General Law City organized and existing under the laws of the State of California, ELSINORE VALLEY MUNICIPAL WATER DISTRICT (“EVMWD”), a Municipal Water District organized under Water Code §§ 71000 et seq., and the TEMESCAL VALLEY WATER DISTRICT (“TVWD”), a California Water District organized under California Water Code §§ 34000 et seq., hereinafter collectively referred to as “Members”, with reference to the following:

A. WHEREAS, in September 2014, the Governor signed three bills (SB 1168, SB 1319, and AB 1739) into law creating the Sustainable Groundwater Management Act of 2014 (“SGMA”); and

B. WHEREAS, SGMA generally requires the formation of one or more Groundwater Sustainability Agencies (“GSA” or “GSAs”) responsible for implementing sustainable groundwater management and preventing “undesirable results” in groundwater basins and sub-basins designated as a medium or high priority basin by the California Department of Water Resources (“DWR”) in its Bulletin 118 inventory of California groundwater basins; and

C. WHEREAS, DWR has designated the Bedford-Coldwater Sub-Basin (the “Sub-Basin”), as a medium priority groundwater basin under Bulletin 118; and

D. WHEREAS, each of the Members overlies a portion of the Sub-Basin and exercises water management, water supply or land use authority within a portion of the Sub-Basin; and

E. WHEREAS, the Members are local agencies that can exercise powers related to groundwater management within their jurisdictional boundaries and qualify individually to serve as a GSA within portions of the Sub-Basin per Water Code Section 10723; and

F. WHEREAS, under SGMA, a combination of local agencies may elect to form a joint powers authority (“JPA”) to serve as the GSA for all or portions of the Sub-Basin through a joint powers agreement; and

G. WHEREAS, the Members intend by this Agreement to create a JPA to implement SGMA in the entire Sub-Basin, and are authorized to enter into this Agreement pursuant to the Joint Exercise of Powers Act, Government Code §§ 6500 et seq., for the purpose of acting as a separate public agency that can carry out all obligations, and exercise all powers, of a GSA in all areas of the Sub-Basin; and

H. WHEREAS, under SGMA, a GSA, including a JPA composed of one or more SGMA-eligible local agencies, must file a notice of intent with DWR by June 30, 2017 indicating the GSA’s intent to undertake sustainable groundwater management within all or portions of a groundwater basin; and

I. WHEREAS, the governing boards of each of the three Members have formally agreed to: (1) enter into this Agreement; (2) form a JPA that can jointly exercise the powers common to the Members and fulfill all legal obligations imposed by SGMA; and (3) authorize the JPA to promptly file all necessary documentation with DWR so as to permit the JPA to become the exclusive GSA for the entire Sub-Basin; and

J. WHEREAS, the Members further intend by this Agreement to provide for the management and funding commitments reasonably anticipated to be necessary for the above purposes and for the purpose of ensuring that the Sub-Basin is sustainably managed in accordance with the timelines established by SGMA; and

K. WHEREAS, the Members understand that Corona has entered into a Water Enterprise Management Agreement and a Wastewater Enterprise Management Agreement, both dated as of February 6, 2002, with the Corona Utility Authority (“CUA”) for the maintenance, management and operation of those utility systems (collectively “the CUA Management Agreements”). To the extent that this Agreement is deemed to be a “material contract” under either of the CUA Management Agreements, Corona enters into this Agreement on behalf of the CUA and subject to the terms of the applicable CUA Management Agreements.

ACCORDINGLY, IT IS AGREED BY ALL MEMBERS:

1. **RECITALS:** The foregoing recitals are incorporated as terms of this Agreement.
2. **DEFINITIONS:** Unless otherwise required by the context, the following terms shall have the following meanings:
 - a. “Administering Member” shall mean the Member designated by the Authority Board to provide administration, operation and staffing of the Authority so as to ensure the Authority complies with this Agreement and all legal requirements. The Board is not required to designate an Administering Member, and a Member so designated is not required to accept the designation.
 - b. “Administrator” shall mean the individual selected to act as the chief executive of the Authority, and the person responsible for its day to day operations. The Administrator may, but it is not required to be, an employee of one of the Members.
 - c. “Authority” and “JPA” as used herein shall, unless otherwise noted, mean the “Bedford-Coldwater Groundwater Sustainability Authority,” the separate public agency created by this Agreement and Government Code Sections 6507 and 6508, and the entity charged by this Agreement with becoming the exclusive GSA for the Sub-Basin.
 - d. “Board” or “Board of Directors,” shall, unless otherwise indicated, mean the Board of Directors of the Authority.
 - e. “DWR” shall mean the California Department of Water Resources.
 - f. “Effective Date” shall mean the date on which all Members have signed this Agreement.

- g. “Fiscal Year” shall run from July 1 through June 30.
- h. “Groundwater Sustainability Agency” or “GSA” shall mean a groundwater sustainability agency as defined in SGMA, Water Code § 10721.
- i. “Groundwater Sustainability Plan,” “Plan,” or “GSP” shall have the same meaning as provided in SGMA, Water Code § 10721.
- j. “Member” shall mean any of the individual signatories to this Agreement, and “Members” shall collectively mean two or more of the signatories to this Agreement.
- k. “SGMA” shall mean the Sustainable Groundwater Management Act of 2014, as amended, and any regulations of DWR or the State Water Resources Control Board that implement SGMA.
- l. “Special Projects” shall mean projects that are consistent with, and within the scope of activities, authorized by this Agreement, but which are undertaken by fewer than all the Members in the name of the Authority in accordance with the procedures outlined in Sections 10 and 14.
- m. “Sub-Basin” shall mean the Bedford-Coldwater Sub-Basin of the Elsinore Groundwater Basin, Sub-Basin No. 8-004.2, as identified in the most recent modifications of Bulletin 118 by DWR.
- n. “SWRCB” shall mean the California State Water Resources Control Board.

3. CERTIFICATION: Each Member, as a signatory to this Agreement, certifies and declares that it is a public agency, as defined by Government Code § 6500, that is authorized to enter into a joint powers agreement to contract with each other for the joint exercise of any common power under Article 1, Chapter 5, Division 7, Title 1 of the Government Code or any power otherwise granted to one or more of the Members by SGMA.

4. CREATION OF SEPARATE AGENCY: There is hereby created, per Government Code §§ 6507 and 6508, an agency separate from the parties to the Agreement, and which is responsible for the administration of this Agreement, to be known as the “**BEDFORD-COLDWATER GROUNDWATER SUSTAINABILITY AUTHORITY.**” Within thirty (30) days of the Effective Date of this Agreement, the Members, and/or the Authority shall: (a) cause a notice of this Agreement to be prepared and filed with the office of the California Secretary of State as required by Government Code § 6503.5; (b) file a copy of this Agreement with the State Controller per Government Code § 6503.6; and (c) file a copy of this Agreement with the Local Agency Formation Commission (“LAFCO”) for Riverside County per Government Code § 6503.6.

5. PURPOSES AND MEMBER RESPONSIBILITIES: The Authority is formed with the purpose and intent of jointly creating a separate legal entity to fulfill the role and legal obligations of a GSA required by SGMA, to include complying with SGMA and ensuring sustainable groundwater management throughout the Sub-Basin, so that the Members may collaboratively and cost effectively develop, adopt, and implement a GSP for the Sub-Basin in

accordance with pertinent regulatory timelines. The geographic boundaries of the GSA that will be formed by the Authority, which will encompass the entire Sub-Basin, are as depicted in the map attached hereto as Exhibit "A," which is incorporated herein by reference. The Authority may also represent the Members, as appropriate, in discussions and transactions with other local agencies, to include (but not limited to) the development of inter-basin coordination agreements with other GSAs in Riverside County, and agreements with other local agencies or groundwater sustainability agencies as may be required to ensure compliance with SGMA for the Sub-Basin.

6. POWERS: The Members intend that the Authority provide for the joint exercise of powers common to the Members as such powers relate to the management of the Sub-Basin, and for the exercise of such additional powers as are conferred by law in order to meet the requirements of SGMA. The Members are each SGMA-eligible local agencies empowered by the laws of the State of California to exercise the powers specified in this Agreement, and such other powers as are granted to GSAs by SGMA. These common powers shall be exercised for the benefit of any one or more of the Members or otherwise in the manner set forth in this Agreement. Subject to the limitations set forth in this Agreement, the Authority shall have the powers to perform all acts necessary to accomplish its purposes as stated in this Agreement, as authorized by law, including but not limited to the following:

a. To make and/or assume contracts and to employ agents, employees, consultants and such other persons or firms as the Board may deem necessary, to the full extent of the Authority's power, including, but not limited to, engineering, hydrogeological, and other consultants, and with attorneys and accountants and financial advisors, for the purpose of providing any service required by the Authority to accomplish its purposes, or to otherwise take such actions as are necessary to ensure the Sub-Basin is managed in accordance with the requirements of SGMA;

b. To conduct all necessary research and investigations, and to compile appropriate reports and collect data from all available sources to assist in preparation and implementation of a GSP, and to support the development of such other agreements as may be necessary to ensure the Sub-Basin can be sustainably managed;

c. To cooperate, act in conjunction with, and contract with the United States, the State of California, or any agency thereof, the County of Riverside, or such other entities or persons as the Board may deem necessary to ensure that the Authority fulfills its obligations under SGMA;

d. To apply for, accept and receive licenses, permits, water rights, approvals, agreements, grants, loans, gifts, contributions, donations or other aid from any agency of the United States, the State of California or other public or private person or entity necessary for fulfilling the purposes of SGMA in the Sub-Basin;

e. To acquire by grant, purchase, lease, gift, devise, contract, construction, eminent domain or otherwise, and hold, use, enjoy, sell, let, and dispose of, real and personal property of every kind, including lands, water rights, structures, buildings, rights-of-way, easements, and privileges, and construct, maintain, alter, and operate any and all works or

improvements, within or outside the agency, necessary or proper to carry out any of the purposes of the Authority as specified in this Agreement and/or the requirements of SGMA;

f. To enforce the requirements of SGMA within the Sub-Basin to the extent authorized by law including, but not limited to, the imposition and collection of civil penalties as authorized by SGMA;

g. To sue and be sued in its own name;

h. To provide for the prosecution of, defense of, or other participation in actions or proceedings at law or in public meetings in which the Members, pursuant to this Agreement or otherwise pertaining to management of the Sub-Basin, may have an interest, and to employ counsel or other expert assistance for that purpose;

i. To adopt an initial operating budget and initial Member contributions within ninety (90) days of the execution of this Agreement, and an annual budget and Member contributions, by March 31 of each subsequent Fiscal Year;

j. To incur debts, liabilities or obligations, subject to the limitations provided in this Agreement;

k. To impose fees authorized by SGMA (Water Code §§ 10730-10731), without any limitation on a Member's separate ability to impose fees within its jurisdiction, to fund the cost of furthering the purposes of this Agreement, complying with SGMA, and sustainably managing groundwater within the Sub-Basin;

l. To adopt rules, regulations, policies and procedures for governing the operation of the GSA and adoption and implementation of the GSP consistent with the powers and purposes of the Authority and as authorized by SGMA;

m. To investigate legislation and proposed legislation affecting SGMA and the Sub-Basin and make appearances regarding such matters;

n. Subject to the limitations imposed by this Agreement, to take such actions as are deemed necessary by the Board to achieve the purposes stated above and to provide for the sustainable management of the Sub-Basin; and

o. To adopt and revise bylaws, rules, ordinances, and resolutions in a manner authorized by law and not inconsistent with the terms of this Agreement.

Any power necessary or incidental to the foregoing powers shall be exercised by the Authority in the manner provided for under the legal authority applicable to the City of Corona except as otherwise provided by law or in this Agreement.

7. OBLIGATIONS OR LIABILITIES OF AUTHORITY: No debt, liability or obligation of the Authority shall constitute a debt, liability or obligation of any of the Members, except as otherwise provided in this Agreement or unless otherwise required by law.

8. DESIGNATION OF ADMINISTERING MEMBER/ADMINISTRATOR:

The powers of the Authority provided in this Agreement shall be exercised in the manner provided by this Agreement. The Board may designate an Administering Member and/or an Administrator to provide all or a portion of the administrative (or other) services required by this Agreement, SGMA, or other legal authority. However, whether or not the Board decides to designate an Administering Member, each Member shall nevertheless be responsible, when requested by the Board, for designating staff from their agency to coordinate with the Board and other Members, and for otherwise ensuring the Authority has sufficient staffing and administrative support to comply with this Agreement and other legal obligations.

9. ORGANIZATION:

a. Additional Members: The Board may allow additional members to join the Authority. Additional Members must be local agencies capable of being designated as a GSA under SGMA. The Board may set whatever conditions it deems necessary as a precondition to addition of the new Member, to include requiring the additional Members to reimburse the other Members for a proportionate share of the costs already incurred by the existing Members.

b. Bylaws: The Board shall adopt bylaws governing the management of the Authority within 180 days of the Effective Date. The bylaws shall require the Board to develop a conflict of interest code for the Authority compliant with California law, and to otherwise ensure that the Board operates in a manner that is fully compliant with the Brown Act, the Joint Exercise of Powers Act, Government Code §§ 6500 et seq., SGMA, and all other applicable legal requirements.

c. Committees: The Board may create committees as authorized by law.

d. Governing Board: The Authority shall be governed by a Board of Directors which shall be composed of one (1) elected representative of each Member, appointed by each Member. The governing body of each Member shall determine in its sole discretion the person it will appoint to the Authority Board of Directors. The Board of Directors shall receive no compensation from the JPA for serving on the Board of the JPA.

e. Meetings: Regular meetings of the Board may be held quarterly, or as the Board determines necessary, on such dates and times and at such locations as the Board shall fix by resolution. Special meetings of the Board shall be called in accordance with Government Code § 54956. All meetings of the Board shall comply with the provisions of the Ralph M. Brown Act (Government Code §§ 54950 et seq.).

f. Officers: The officers of the Authority shall be a Chairperson, and Vice-Chairperson, and such other officers as the Board shall designate. The election of officers will take place at the first meeting of the JPA Board, and subsequently in the first Board meeting of each new Fiscal Year unless the time of election is otherwise designated in the Authority bylaws. The officers or persons who have charge of, handle or have access to any property of the Authority shall be designated in the bylaws, and such officers and persons shall comply with all applicable requirements of Government Code § 6505.1.

g. Quorum: Two-thirds (2/3) of the Board of Directors shall constitute a quorum in order to conduct business.

h. Rules: The Board may adopt such other rules, policies, and regulations as it deems proper consistent with all applicable laws, this Agreement, and the Authority's bylaws.

i. Term: The Authority Board Members shall serve without terms and at the pleasure of the legislative body which appointed them.

j. Treasurer: The Treasurer of the Board shall be formally designated by a resolution adopted by the Board of Directors stating the effective date of the appointment and the term of the appointment.

k. Voting: Each Director shall have one vote. A simple majority of the quorum shall be required for the adoption of a motion, resolution, contract authorization or other action of the Board, except that:

- (1) A majority vote of less than a quorum may vote to adjourn;
- (2) Any of the following actions shall require a unanimous vote of the entire Board:
 - (a) Adoption, modification or alteration of the GSP, or of the GSA boundaries;
 - (b) Adoption of assessments, charges or fees;
 - (c) Adoption or modification of ramp-downs or curtailments;
 - (d) Initiation/settlement of enforcement actions;
 - (e) Adoption of an initial budget;
 - (f) Adoption or modification of the annual budget, as further described in Section 14, below;
 - (g) Initiation/termination or settlement of any litigation or threatened litigation that involves the Authority;
 - (h) Admission of additional Members to the Authority;
 - (i) Appointment, employment, or dismissal of the Authority's Administrator and/or Legal Counsel;
 - (j) Designating an Administrator or Administering Member;
 - (k) Setting the amounts of any contributions or fees to be made or paid to the Authority by any Member, including extraordinary costs as defined in Section 15;

- (l) Acquisition by grant, purchase, lease, gift, devise, contract, construction, or otherwise, and hold, use, enjoy, sell, let, and dispose of, real and personal property of every kind, including lands, water rights, structures, buildings, rights-of-way, easements, and privileges, and construct, maintain, alter, and operate any and all works or improvements, within or outside the agency, necessary or proper to carry out any of the purposes of the Authority;
- (m) Replacement of the annual special audit required by Government Code § 6505(f) with an audit covering a two year period;
- (n) Amendments or modifications of this Agreement;
- (o) Adoption or modification of bylaws or other binding rules governing the operations of the JPA Board;
- (p) Adoption of ordinances;
- (q) Issuance of bonds or other indebtedness;
- (r) Allocating funding received from grants, loans, or from other alternative sources, in a manner that does not result in equal sharing of alternative funding among the Members;
- (s) To apply for, accept and receive licenses, permits, water rights, approvals, agreements, grants, loans, gifts, contributions, donations or other aid from any agency of the United States, the State of California or other public or private person or entity necessary for fulfilling the purposes of SGMA in the Sub-Basin.

10. SPECIAL PROJECTS AND PROJECT COMMITTEES:

a. With the prior approval of the entire Board, Members may undertake Special Projects in the name of the Authority, utilizing the legal powers granted to the Authority under SGMA, the Joint Exercise of Powers Act, or other applicable legal authorities. All Members shall be given the opportunity to participate in Special Projects, but shall not be required to participate.

b. A Member considering a new project, other than a groundwater extraction project, where the project is reasonably likely to affect groundwater management in the Sub-Basin shall consult with the other Members before individually undertaking the project to determine whether that individual project might otherwise be better accomplished as an Authority Special Project.

c. Members electing to participate in a Special Project shall enter into a Special Project Agreement in accordance with Section 14.a(4) of this Agreement. Such Special Project Agreement shall provide that: (a) no Special Project undertaken pursuant to such agreement shall conflict with the terms of this Agreement or the GSP; (b) the Members to the Special Project Agreement shall indemnify, defend and hold harmless the Authority, and Members

of the Authority who are not participating in the Special Project, against any costs liabilities, or expenses of any kind arising as a result of the Special Project; (c) all benefits and liabilities attributable to a Special Project shall solely be the benefits and liabilities of the Members that have entered into the Special Project Agreement, and non-participating Members shall have no rights, and incur no obligations or liabilities, in the Special Project.

11. FISCAL AGENT, DEPOSITORY AND ACCOUNTING: The “Treasurer” appointed by the Board is designated as the fiscal agent and depository for the Authority per Government Code §§ 6505.5 and 6505.6. The Treasurer of the Authority shall be the treasurer of one of the Authority’s Members, or a certified public accountant designated by the Board, or an officer or employee designated per Government Code § 6505.6. The Treasurer shall be the depository and have custody of all money of the Authority, from whatever source, subject to the applicable provisions of any indenture or resolution providing for a trustee or other fiscal agent. All funds of the Authority shall be held in the operating fund established by Section 14, or such other separate accounts as may be necessary, in the name of the Authority and not commingled with the funds of any Member or any other person or entity. Full books and accounts shall be maintained for the Authority in accordance with generally accepted accounting principles applicable to governmental entities per Government Code §§ 6505 et seq., and any other applicable laws of the State of California.

12. ACCOUNTABILITY, REPORTS AND AUDITS: There shall be strict accountability of all funds, and an auditor designated by the Board shall report any and all receipts and disbursements to the Board with such frequency as shall reasonably be required by the Board. The Authority will utilize the services of an outside independent certified public accountant to make an annual audit of the accounts and records of the Authority as required by Government Code § 6505, unless the Members, elect to conduct the audit for a two (2) year period. In each case, the minimum requirements of the audit shall be those prescribed by the State Controller for special districts pursuant to Government Code § 26909, and shall conform to generally accepted accounting principles. The outside independent certified public accountant selected by the Authority as auditor shall be formally designated by a resolution adopted by the Board of Directors stating the effective date of the appointment and the term of the appointment.

13. OPERATING BUDGET AND EXPENDITURES: The Board shall adopt a budget as specified in the bylaws and as set forth in Section 14, below. Unless otherwise required by this Agreement or applicable law, the Authority’s Treasurer shall draw checks or warrants or make payments as specified in the bylaws of the Authority. The Authority may, consistent with the bylaws, invest any money in the treasury that is not needed for its immediate necessities.

14. CONTRIBUTIONS/BUDGETS: Unless otherwise provided in this Agreement, the Members shall equally share in the costs of the JPA. The Authority shall establish an operating fund. The fund shall be used to pay all administrative, operating and other expenses incurred by the Authority, and shall be funded by equal Member’s contributions for payment of costs of the Authority. The Board may direct that any surplus funds be returned to the Members, per Government Code § 6512, in proportion to the contributions made by each Member.

- a. Authority Budgets: Authority budgets shall be established as follows:

(1) General Operating Budget. No more than ninety (90) days following the first meeting of the Board, and annually thereafter in the month of March or other mutually agreed upon timeframe, a general operation budget (the “Operating Budget”) shall be adopted by the Board. The Operating Budget shall be prepared in sufficient detail to constitute an operating outline for the purpose of establishing rates and/or contributions to be billed to and paid by the Members. The operating rates and/or contributions to be billed to and paid by each Member shall be based upon an equal contribution by each Member. The Operating Budget shall outline anticipated revenues and planned expenditures to be made during the ensuing Budget year by functional category such as operations and maintenance, administration, projects, programs, planning, study and any applicable contributions to operate related reserves. For the purpose of the Operating Budget, operating shall mean any financial activity related to exchange transactions, as defined by applicable generally accepted accounting principles (“GAAP”) associated with the principal activity of the JPA. The Operating Budget shall be adopted by unanimous approval of the Board. The rates and contributions approved by the Board shall be paid by the Members pursuant to Section 14.c below.

(2) Non-Operating Budget. No more than ninety (90) days following the first meeting of the Board, and annually thereafter in the month of March or other mutually agreed upon timeframe, a non-operating budget (the “Non-Operating Budget”) shall be adopted by the Board. The Non-Operating Budget shall be prepared in sufficient detail to constitute a non-operating outline for the purpose of establishing rates and/or contributions to be billed to and paid by the Members. These rates and/or contributions shall be based upon equal contributions by each Member. At a minimum, the Non-Operating Budget shall outline anticipated revenues and planned expenditures for non-operating financial activities for the ensuing Fiscal Year, inclusive of any amount necessary for servicing debt. For the purpose of the budget, Non-Operating shall mean any financial activity related to non-exchange transactions, as defined by applicable GAAP. Examples of non-exchange transactions include investment income, contributed capital from Members for capital debt service, interest expense, and return of capital to Members. The Non-Operating Budget shall be adopted by unanimous approval of the Board. The rates and contributions approved by the Board shall be paid by the Members pursuant to Section 14.c below.

(3) Capital Project Budget. No more than ninety (90) days following the first meeting of the Board, and annually thereafter in the month of March, or other mutually agreed upon timeframe, a capital project budget (the “Capital Project Budget”) shall, if applicable, be adopted by the Board. The Capital Project Budget, if applicable, shall be prepared in sufficient detail to constitute a capital project outline to assess contributions to be paid by the Members and expenditures to be paid by the Members during the ensuing year for capital projects needed for major repair, replacement, expansion and efficiency of any capital improvements constructed or installed by or on behalf of the Authority. These contributions shall be based upon equal contribution by each Member, subject to unequal contribution amounts for Special Projects, as addressed in Sections 10 and 14.a.(4). The Capital Project Budget shall be adopted by unanimous approval of the Board. The contributions approved by the Board shall be paid by the Members pursuant to Section 14.c below.

(4) Special Project Budgets. In addition to the Operating Budgets, the Non-Operating Budgets, and the Capital Project Budget, the Board may budget at any time for the study, implementation or construction of any Special Project, program or study proposed to be undertaken by the Authority for matters not deemed to be of general benefit to all Members. A Special Project budget and written Special Project Agreement of the Members who consented to participation in the Special Project shall be established for each Special Project, which budget and agreement shall determine the respective obligations, functions, and rights of the Members involved and of the Authority. The directors of the Board representing the Members who will be involved in financing and implementing the Special Project shall be and constitute a “Special Project Committee,” for purposes of administration and implementation of the Special Project. No Special Project shall be acquired or constructed by the Board without the consent of each of the governing boards of the participating Members. Ratification of the Special Project budget by each of the participating Members shall constitute consent for the acquisition and construction of the Special Project. Notwithstanding the foregoing, no debt shall be incurred by the Authority for a Special Project without the unanimous consent of the Board. Any rates and contributions approved by the Special Project Committee and approved by the participating Members shall be paid by the participating Members pursuant to Section 14.c below.

Where the Board has approved one or more Special Projects, annually thereafter in the month of March (or other mutually agreed upon timeframe), a Special Project budget shall be developed by each Special Project Committee if required by the applicable Special Project Agreement, Each Special Project budget shall include, without limitation, the following:

- (i) Administrative expenses;
- (ii) Studies and planning costs;
- (iii) Engineering and construction costs;
- (iv) The allocation of costs, including debt service costs, if any, among participating Members;
- (v) Annual maintenance and operating expenses for the project; and
- (vi) A formula for allocating annual maintenance and operating expenses, if any.

All actions by a Special Project Committee shall be deemed actions of the Authority and shall be taken in the name of the Authority, provided, only the participating Members shall have rights and obligations in the Special Project as herein provided.

b. Failure to Obtain Budget Approvals. In the event a budget acceptable to the Board is not approved prior to the start of a Fiscal Year the Authority shall continue to operate at the level of expenditure as authorized below:

(1) General Operating Budget. The Operating Budget shall be at the expenditure level authorized by the last approved Operating Budget increased by the Consumer Price Index (“CPI”) with a minimum increase of no less than two percent (2%). The CPI shall mean the change in CPI for Urban Wage Earners and Clerical Workers for the Los Angeles County, Orange County, and Riverside County areas for the all items category for the 12-month period ending the February prior to the beginning of the Fiscal Year budgeted as determined by the U.S. Department of Labor, Bureau of Labor Statistics, or other mutually agreeable source if such a CPI is no longer available. This factor will be applied to the Operating Budget until such time as a new Operating Budget is approved by the Authority. Any shortfall in revenues will be made up from available reserves dedicated by the Board for such a purpose, and if insufficient to cover the shortfall, any available reserve funds not designated by the Board for other purposes or otherwise legally restricted for other purposes by external parties. Reserves shall mean any available cash or investments.

(2) Non-Operating Budget. The Non-Operating Budget shall automatically be established at the required level necessary to meet annual debt service requirements including any revenue coverage covenants. Each Member shall contribute to the Authority such amounts which will yield during each Fiscal Year net revenues payable to the Authority sufficient for the Authority to satisfy all covenants in any indentures, loan agreements or other documents entered into by the Authority and to enter into such other agreements as are necessary for the Authority to secure financing to pay the acquisition price for any facilities authorized by the Authority.

(3) Capital Project Budget. The Capital Project Budget shall automatically be established at the required level necessary to implement capital projects previously approved by the Authority.

c. Payments of Amounts Due. The payments owed for contributions from each Member to the Authority shall be due, payable, and delivered by the Members to the Authority within forty-five (45) days after receipt of a billing therefor from the Authority. To the extent permitted by state law, unpaid and past due contributions shall bear interest at ten percent (10%) per annum, calculated daily, from the date due to the date payment is received by the Authority.

15. ASSESSMENTS FOR EXTRAORDINARY COSTS: In the event the Authority should experience an unanticipated need to pay for extraordinary costs (e.g., those costs that are unanticipated and not otherwise funded through the budget), including, but not limited to the costs of litigation or indemnification as provided in this Agreement, and to the extent that such costs cannot otherwise be reasonably funded through use of reserves on hand or through the other revenue sources authorized by this Agreement, the Board may allocate the additional costs to the Members, whether such extraordinary costs are actually incurred or estimated to be necessary. Unless otherwise specifically allocated to one or more Members by the unanimous vote of the Board, all allocations of extraordinary costs shall be shared equally by each Member. The Members agree that they will then contribute their proportionate share of the extraordinary costs within a reasonable period of time as determined by the Board, or as otherwise specified in the Bylaws.

16. STAFFING: The Board shall provide for staffing of the Authority in accordance with procedures established in the bylaws. Such staffing shall ensure the Authority is able to accomplish all requirements imposed by SGMA, this Agreement, and/or any other requirements imposed by law. Legal counsel shall be appointed by the Board and shall serve at the pleasure of the Board. Legal counsel may be an attorney that also performs work for one of the Members, provided appropriate waivers suitable to the Board, and counsel for all of the Members, are first obtained.

17. DISPUTE RESOLUTION: The Members desire to informally resolve all disputes related to this Agreement and/or SGMA, whenever possible, at the lowest possible level, and triggering of the dispute resolution procedures described herein shall only occur where the Members and/or the Board have reached impasse and are unable to resolve matters without invoking formal dispute resolution procedures. Should informal resolution of any dispute prove unsuccessful, the Parties agree to neutral facilitation/mediation of the dispute as a next step prior to filing a lawsuit or otherwise seeking judicial intervention. The appointed facilitator/mediator, who need not be a licensed attorney, shall be a person who is not a current or former employee or agent of any Member, and someone who has knowledge of the rules governing public agencies, and who has experience with the management of groundwater resources in Southern California. The facilitator shall be compensated by the Authority.

The facilitator shall be a third party neutral assigned by the Center for Collaborative Policy (“CCP”) of Sacramento State University, or such other neutral as is unanimously decided upon by the Members involved in the dispute. In the event that the Members involved in the dispute are unable to agree upon the facilitator or mediator, then each Member involved in the dispute shall provide the name of one recommended facilitator or mediator to the Authority’s legal counsel. The facilitator/mediator shall then be selected by the Authority’s legal counsel, based upon whichever recommended facilitator/mediator is the most qualified facilitator/mediator for the type of dispute involved. The selected facilitator/mediator shall diligently seek to achieve a consensus based solution to the dispute. Upon the request of one of the Members involved in the dispute, the facilitator shall render a recommended resolution of the dispute after five facilitated negotiation sessions between the Members involved in the dispute where an acceptable resolution has not yet been reached. The facilitator/mediator’s recommended resolution shall not be admissible in any judicial proceedings. Where facilitation/mediation as described herein is unable to successfully resolve the dispute, then a Member involved in the dispute, upon providing 60 days-notice to the other Members and the Authority, may initiate judicial proceedings in the Superior Court for Riverside County.

This Section shall not bar a Member or Member(s) from initiating legal action in another appropriate forum with jurisdiction over the matter as necessary to comply with an applicable statute of limitation, provided such legal action, where authorized, is stayed pending completion of the dispute resolution process described herein. Members involved in a dispute governed by this Section are encouraged to enter a tolling agreement, if legally authorized, in order to allow sufficient time for completion of the process required by this Section.

18. WITHDRAWAL:

a. Notice to Members: Any Member may withdraw from the Authority by delivery of written notice to withdraw to each of the Members at least two years prior to the date of withdrawal (“Withdrawal Notice Period”), unless the Members unanimously agree to allow the withdrawing Member to withdraw sooner than two years, in which case the date of withdrawal shall be the date unanimously agreed upon by the Board. The withdrawing Member shall continue to be a full Member during the pendency of the Withdrawal Notice Period and shall retain all rights and obligations during such period unless otherwise agreed to by unanimous vote of the Board.

b. Effect of Withdrawal: Should a Member choose to withdraw from the Authority in accordance with the terms of this Agreement, that Member retains any legal right it has under SGMA to serve as the GSA for the groundwater basin underlying its jurisdictional boundaries, provided such withdrawal will not cause the Authority (or its remaining Members) to default on financial obligations or to otherwise fail to comply with the legal obligations imposed by SGMA. The Authority and the non-withdrawing Members shall retain whatever legal rights they have under SGMA, and the withdrawal of the Member shall have no effect on the continuance of this Agreement among the remaining Members. The withdrawing Member shall not take any action after withdrawal that would be reasonably anticipated to frustrate the ability of the Authority to comply with SGMA. After providing written notice of withdrawal, the withdrawing Member shall act at all times in good faith in the best interests of the Authority until such time as the withdrawal process is complete.

c. Continuing Fiscal Obligations: Any Member that withdraws as provided herein shall remain proportionately liable during the Withdrawal Notice Period for its proportionate share of the budget. If the Members elect to incur extraordinary costs in accordance with Section 15, the withdrawing Member shall be proportionately liable during the Withdrawal Notice Period for the obligations or debts approved and incurred by the Authority for those extraordinary costs, unless the Members agree otherwise. Any Member that withdraws shall remain proportionately liable for any unfunded capital expenditures or debt service obligations incurred or approved by the Board prior to the date of written notice of withdrawal of such Member until such time as the obligation is fully satisfied.

d. Continuing Claims Obligations: Members will remain obligated to contribute their proportionate share (based upon the membership roll as of the date of the claim), including without limitation legal defense costs, for any occurrences incurred during the Member’s membership, but not presented as a claim against the Authority until after the Member’s withdrawal.

e. Divisions of Property Assets: The real and/or personal property assets contributed by the withdrawing Member or the value of the real and/or personal property assets at the date of withdrawal will be returned to the withdrawing Member to the extent such assets are not required for the Authority to meet its continuing obligations as a GSA under SGMA. If such real and/or personal property assets are needed to meet the continuing obligations of the Authority to comply with SGMA, then the remaining Members of the Authority and the withdrawing Member shall negotiate a purchase or lease of such assets for a price not to exceed the fair market value of those assets.

19. TERM AND TERMINATION: This Agreement shall become effective, and the Authority shall come into existence, on the Effective Date. The Agreement, and the Authority, shall thereafter continue in full force and effect until the governing bodies of the Members unanimously elect to terminate the Agreement. Upon unanimous election to terminate this Agreement, the Board shall continue to act as a board to wind up and settle the affairs of the Authority. The Board shall adequately provide for the known debts, liabilities and obligations of the Authority, and shall then distribute the assets of the Authority among the Members, as follows:

a. The assets contributed by each Member, or the value thereof as of the date of termination, shall be distributed to that Member.

b. The remaining assets shall then be distributed to each Member in equal proportions.

The distribution of assets shall be made in-kind to the extent possible by returning to each Member those assets contributed by such parties to the Authority; however, no party shall be required to accept transfer of an asset in kind.

Notwithstanding any other provision by the Board for payment of all known debts, liabilities and obligations of the Authority, each Member shall remain liable for any and all such debts, liabilities, and obligations in equal proportions, or in the proportion specified by unanimous action of the Board if alternative proportions are so specified for particular actions or activities that give rise to such debts, liabilities, and obligations.

Termination of this Agreement shall not occur, and the Members shall continue to fund the operations of the Authority as a GSA for the Sub-Basin, until the Authority determines by a unanimous vote of the Board that: (a) a GSA is no longer required for the Sub-Basin; or (b) one or more of the individual Members will undertake the legal obligations of a GSA previously performed by the Authority, and such termination of the Authority will not result in the Sub-Basin being placed in a probationary status by the SWRCB.

20. INDEMNIFICATION/CONTRIBUTION: Members, directors, officers, agents and employees of the Authority shall use ordinary care and reasonable diligence in the exercise of their powers, and in the performance of their duties pursuant to this Agreement. The Authority shall hold harmless, defend and indemnify the Members, the Authority Board, and the Members' directors, agents, officers and employees from and against any liability, claims, actions, costs, damages or losses of any kind, including death or injury to any person and/or damage to property (including property owned by any Member), arising out of the activities or omissions of the Authority, or its agents, officers and employees related to this Agreement or SGMA ("Claims").

a. To the extent authorized by California law, no Member shall be liable for the actions or omissions of any other Member or the Authority related to this Agreement.

b. The indemnification obligations described herein shall continue beyond the term of this Agreement as to any acts or omissions occurring during this Agreement or any extension of this Agreement.

c. To the extent that the Authority is unable or unwilling (because of comparative fault of Member(s), or other good faith legal basis) to hold harmless, defend and/or indemnify any Member to this Agreement as provided in this Section, such Member shall be entitled to contribution from the other Members in equal proportion to the extent one Member pays more than its equal share of such obligation. Provided, however, that where one or more Members is determined by a court (or in a settlement approved by a court) to be responsible for a greater proportion for the Claims, each Member will only be responsible for contribution to the other Member (or Members) up to the extent of the contributing Member's proportional responsibility.

21. INSURANCE: The Authority shall obtain insurance for the Board members and general liability insurance containing liability in such amounts as the Board shall determine will be necessary to adequately insure against the risks of liability (including compliance with the indemnification provisions in Section 20 above) that may be incurred by the Authority. The Members, their officers, directors and employees, shall be named as additional insureds.

22. CLAIMS: All claims against the Authority, including, but not limited to, claims by public officers and employees for fees, salaries, wages, mileage, or any other expenses, shall be filed within the time and in the manner specified in Chapter 2 (commencing with Section 910) of Part 3, Division 3.6 of Title I of the Government Code, which describes the appropriate content of a claim.

23. ENTIRE AGREEMENT REPRESENTED: This Agreement represents the entire agreement among the parties as to its subject matter and no prior oral or written understanding shall be of any force or effect. No part of this Agreement may be modified without the written consent of all of the parties.

24. HEADINGS: Section headings are provided for organizational purposes only and do not in any manner affect the scope, meaning or intent of the provisions under the headings.

25. NOTICES: Except as may be otherwise required by law, any notice to be given shall be written and shall be either personally delivered sent by facsimile transmission, emailed or sent by first class mail, postage prepaid and addressed as follows:

MEMBERS:

City of Corona
Attn: General Manager,
Department of Water and Power
Address: 755 Public Safety Way
Corona, CA 92880

Elsinore Valley Municipal Water District
Attn: General Manager
Address: 31315 Chaney Street
Lake Elsinore, CA 92530

Temescal Valley Water District
Attn: General Manager
Address: 22646 Temescal Canyon Rd
Corona, CA 92883

Notice delivered personally is deemed to be received upon delivery. Notice sent by first class mail shall be deemed received on the fourth day after the date of mailing. Any party may change the above address by giving written notice pursuant to this Section.

26. CONSTRUCTION: This Agreement reflects the contributions of all parties and accordingly the provisions of Civil Code § 1654 shall not apply to address and interpret any uncertainty.

27. NO THIRD PARTY BENEFICIARIES INTENDED: Unless specifically set forth, the parties to this Agreement do not intend to provide any other party with any benefit or enforceable legal or equitable right or remedy.

28. WAIVERS: The failure of any party to insist on strict compliance with any provision of this Agreement shall not be considered a waiver of any right to do so, whether for that breach or any subsequent breach.

29. CONFLICT WITH LAWS OR REGULATIONS/SEVERABILITY: This Agreement is subject to all applicable laws and regulations. If any provision of this Agreement is found by any court or other legal authority, or is agreed by the parties, to be in conflict with any code or regulation governing its subject, the conflicting provision shall be considered null and void. If the effect of nullifying any conflicting provision is such that a material benefit of the Agreement to any party is lost, the Agreement may be terminated at the option of the affected party. In all other cases the remainder of the Agreement shall continue in full force and effect.

30. FURTHER ASSURANCES AND OBLIGATION OF GOOD FAITH DEALING: Each party agrees to execute any additional documents and to perform any further acts which may be reasonably required to affect the purposes of this Agreement. Moreover,

consent or approval, where reasonably requested in furtherance of the purposes of this Agreement or compliance with SGMA, shall not be unreasonably withheld by a Member.

31. COUNTERPARTS: This Agreement may be signed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

32. AMENDMENT: This document may only be amended with a vote by all of its Members.

33. CUA ASSIGNMENT: To the extent that this Agreement is deemed to be a “material contract” under either of the CUA Management Agreements, the Members have no right to terminate this Agreement, either or without cause, based upon the existence or non-existence of either or both of the CUA Management Agreements. Therefore, if an applicable CUA Management Agreement expires or terminates for any reason, the Members shall remain fully obligated to perform under this Agreement contracting directly with the CUA or another third party contracted by the CUA for the maintenance, management and operation of the applicable utility systems.

**CITY OF CORONA SIGNATURE PAGE
FOR
JOINT POWERS AGREEMENT BY AND AMONG THE CITY OF CORONA,
ELSINORE VALLEY MUNICIPAL WATER DISTRICT AND TEMESCAL VALLEY
WATER DISTRICT FOR THE FORMATION OF A JOINT POWERS AUTHORITY
AND MANAGEMENT OF THE BEDFORD-COLDWATER SUB-BASIN OF THE
ELSINORE BASIN**

EACH OF THE UNDERSIGNED, having read and considered the above provisions,
indicate their agreement by their authorized signatures.

CITY OF CORONA,
a California General Law City organized and
existing under the laws of the State of California

By: _____
Dick Haley
Mayor

Attest:

Lisa Mobley
City Clerk

Approved as to Form:

Dean Derleth
City Attorney

Consent:

Darrell Talbert
Executive Director
Corona Utility Authority

**ELSINORE VALLEY MUNICIPAL WATER DISTRICT SIGNATURE PAGE
FOR
JOINT POWERS AGREEMENT BY AND AMONG THE CITY OF CORONA,
ELSINORE VALLEY MUNICIPAL WATER DISTRICT AND TEMESCAL VALLEY
WATER DISTRICT FOR THE FORMATION OF A JOINT POWERS AUTHORITY
AND MANAGEMENT OF THE BEDFORD-COLDWATER SUB-BASIN OF THE
ELSINORE BASIN**

EACH OF THE UNDERSIGNED, having read and considered the above provisions,
indicate their agreement by their authorized signatures.

ELSINORE VALLEY MUNICIPAL WATER
DISTRICT, a Municipal Water District organized
under Water Code §§ 71000

By: _____
Harvey R. Ryan
President, Board of Directors

ATTEST

Terese Quintanar
Secretary to the Board

APPROVED AS TO FORM

John E. Brown
General Counsel

**TEMESCAL VALLEY WATER DISTRICT SIGNATURE PAGE
FOR
JOINT POWERS AGREEMENT BY AND AMONG THE CITY OF CORONA,
ELSINORE VALLEY MUNICIPAL WATER DISTRICT AND TEMESCAL VALLEY
WATER DISTRICT FOR THE FORMATION OF A JOINT POWERS AUTHORITY
AND MANAGEMENT OF THE BEDFORD-COLDWATER SUB-BASIN OF THE
ELSINORE BASIN**

EACH OF THE UNDERSIGNED, having read and considered the above provisions,
indicate their agreement by their authorized signatures.

TEMESCAL VALLEY WATER DISTRICT,
a California Water District organized under
California Water Code §§ 34000 et seq.

By: _____
C.W. Colladay
President, Board of Directors

Attest:

Paul Rodriguez
Board Secretary

Approved as to Form:

Dave Saunders
General Counsel

MEMORANDUM

DATE: January 24, 2017

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: Water, Recycled Water, and Wastewater Capacity Fee Study

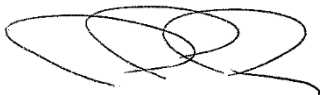
BACKGROUND

At the December 2016 Board meeting Staff distributed and discussed the 2016 Draft Report on Water, Recycled Water, and Wastewater Capacity Fee Study (Study). During the discussion Staff confirmed that we would reach out to interested parties and discuss the proposed fee increases and subsequent impacts to parties interested in connecting to the District's facilities. On January 18th, 2017 Staff and Board Member Rodriguez met with representatives from the BIA, presented the Study and discussed the history of water, recycled water and sewer capacity fees. At that time we solicited questions or input on the study and the timing for implementing the new fee structure. Since most of the development within the District has been via large subdivisions and a majority of the water, recycled water and sewer capacity has been purchased or funded via Master Developer initiated Community Facility Districts (CFD) the capacity fees were negotiated and were a combination of fees and offsets for new infrastructure. We have identified what we believe are the final buildout projects within the Study and have incorporated the cost of these projects in the new fee structure. Once adopted and implemented, these fees will allow the District to recover the cost to provide the necessary infrastructure.

Proposed schedule for implementation:

- March – continue outreach to potential developers and interested stakeholders.
- March 28th Board Meeting Adopt Fee Study as Final, First reading of a Capacity Fee Ordinance setting the new fee schedule and posting required notices.
- April 25th Board Meeting Adopt Capacity Fee Ordinance and Implement new fees

Respectfully submitted,



Jeff Pape
General Manager

TEMESCAL VALLEY WATER DISTRICT

2016 Water, Recycled Water, and Wastewater Capacity Fee Study

December 27, 2016 Draft Report



November 14, 2016

Jeff Pape
General Manager
Temescal Valley Water District
22646 Temescal Canyon Road
Temescal Valley, CA 92883

Subject: Water, Recycled Water, and Wastewater Capacity Fee Study

Dear Mr. Pape,

Raftelis Financial Consultants, Inc. (RFC) is pleased to provide this Water, Recycled Water, and Wastewater Capacity Fees Study Report (Report) to the Temescal Valley Water District (District or TVWD). This report details the methodology used to update the District's capacity fees and summarizes the key findings and recommendations.

It has been a pleasure working with you, and we thank you and the District staff for the support provided during the course of this study.

Sincerely,

RAFTELIS FINANCIAL CONSULTANTS, INC.



Habib Isaac
Manager



Andrea Boehling
Consultant

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1. EXECUTIVE SUMMARY

The Temescal Valley Water District contracted with Raftelis Financial Consultants, Inc. (RFC) to conduct a Water, Recycled Water, and Wastewater Capacity Fee Study (Study). This report describes how RFC calculated new capacity fees in accordance with the rules and regulations of California State Government Code Section 66013. This report is formal technical documentation in support of modifications to the capacity fees within the District's service area. Currently, the District's Water Capacity Fee is \$4,875.32 per Equivalent Dwelling Unit (EDU). The District's Recycled Water Capacity Fee is 90% of the Water Capacity fee or \$4,387.79 per EDU and the current Wastewater Capacity Fee is \$6,772.50 per EDU or \$26.05 per gallons per day (gpd).

The analysis herein utilizes a hybrid method that includes a buy-in component and incremental component for modifying the Water Capacity Fee to \$8,866 per EDU. The analysis also includes a Buy-In Method to justify the new Recycled Water Capacity Fee of \$7,587 per EDU and a hybrid method for the Wastewater Capacity Fee of \$27.68 per gpd or \$7,587 for a single-family residence.

For the purpose of the study, 650 gpd represents the average daily demand per EDU from the District's facility planning documents that is placed on the water system. And, 260 gpd represents the average daily demand that is placed on the wastewater system per EDU. The Incremental Component of the Water Capacity Fee and Recycled Water Capacity Fee for larger meters is determined by multiplying the charge for the ¾" meter by the equivalent American Water Works Association (AWWA) capacity meter ratio associated with each meter size¹. The Water Incremental Component of 1" meters and larger is based solely on capacity needs and a rate per gallon of \$2.20 will be used for determining each new meter's incremental portion. **Table 1-1** displays the proposed Capacity Fees by enterprise.

¹ See Section 3.1.2 for the safe operating capacity for each meter size and the details concerning the calculation of the equivalent capacity meter ratio.

Table 1-1: Proposed Capacity Fees

	Proposed FY 2016-2017 Buy-In Component	Proposed FY 2016-2017 Incremental Component	Proposed FY 2016-2017 Total Capacity Fee
Water			
SFR	\$7,440	\$1,427	\$8,866
3/4" or less	\$7,440	\$1,427	\$8,866
1"	\$7,440	\$2.20 per gallon	-
1 1/2"	\$24,799	\$2.20 per gallon	-
2"	\$39,678	\$2.20 per gallon	-
3"	\$86,796	\$2.20 per gallon	-
4"	\$156,232	\$2.20 per gallon	-
6"	\$322,384	\$2.20 per gallon	-
8"	\$694,366	\$2.20 per gallon	-
Recycled Water			
3/4" or less	\$7,587	N/A	\$7,587
1"	\$12,645	N/A	\$12,645
1 1/2"	\$25,289	N/A	\$25,289
2"	\$40,463	N/A	\$40,463
3"	\$88,512	N/A	\$88,512
4"	\$159,322	N/A	\$159,322
6"	\$328,760	N/A	\$328,760
8"	\$708,097	N/A	\$708,097
Wastewater			
Per EDU	\$1,148	\$6,049	\$7,197
Per gallon	\$4.41	\$23.27	\$27.68

As shown in **Table 1-1**, the amount of the Water and Recycled Water Capacity Fee increases by meter size, which reflects the increased demand placed on the water system by larger connections/meters. For non-residential properties, wastewater EDU's will be assigned on a case-by-case basis and reflect their expected flow as determined by the District.

1.1 OVERVIEW

TVWD was formed in 1965 and provides potable and reclaimed water the residents in the Temescal Valley. The District provides wastewater collection, treatment and disposal for the Temescal Valley area. The District is located in the foothills of the Cleveland National Forest. As part of the District's review of rates and fees, the capacity fees are being updated to ensure new system users or existing users requiring increased system capacity recover their fair share of the costs associated with the water and wastewater facilities required to serve them.

Capacity fees are one-time fees, collected as a condition of establishing a new connection to the District's water, recycled and wastewater systems or the expansion of an already existing connection. The purpose of these fees is to pay for development's share of the costs of existing and/or new water, recycled and wastewater facilities. These fees are designed to be proportional to the demand placed on the systems by the new or expanded connections. The recommended Capacity Fees for the District do not exceed the

estimated reasonable costs of providing the facilities for which they are collected and are of proportional benefit to the property being charged. This report documents the data, methodology, and results of the Capacity Fees Study.

1.2 ECONOMIC AND LEGAL FRAMEWORK

For publicly owned water systems, most of the assets are typically paid for by the contributions of existing customers through rates, charges, securing debt, and taxes. In service areas that incorporate new customers, the infrastructure developed by previous customers is generally extended towards the service of new customers. Existing customers' investment in the existing system capacity allows newly connecting customers to take advantage of unused surplus capacity. To further economic equality among new and existing customers, new connectors will typically "buy-in" to the existing and pre-funded facilities based on the percentage of remaining available system capacity, effectively putting them on par with existing customers. In other words, the new users (including annexed property) are buying into the existing system through a payment for the portion of facilities that has already been constructed in advance of new development.

1.2.1 Economic Framework

The basic economic philosophy behind Capacity Fees is that the costs of providing service should be paid for by those that receive utility from the product. In order to effect fair distribution of the value of the system, the charge should reflect a reasonable estimate of the cost of providing capacity to new users, and not unduly burden existing users through a comparable rate increase. Accordingly, many utilities make this philosophy one of their primary guiding principles when developing their Capacity Fee structure.

The philosophy that service should be paid for by those that receive utility from the product is often referred to as "growth-should-pay-for-growth." The principal is summarized in the American Water Works Association (AWWA) Manual M26, Water Rates and Related Charges:

"The purpose of designing customer-contributed-capital system charges is to prevent or reduce the inequity to existing customers that results when these customers must pay the increase in water rates that are needed to pay for added plant costs for new customers. Contributed capital reduces the need for new outside sources of capital, which ordinarily has been serviced from the revenue stream. Under a system of contributed capital, many water utilities are able to finance required facilities by use of a 'growth-pays-for-growth' policy."

This principle, in general, also applies to wastewater systems. In this excerpt, customer-contributed-capital system charges are equivalent to Capacity Fees.

1.2.2 Legal Framework²

In establishing Capacity Fees, it is important to understand and comply with local laws and regulations governing the establishment, calculation, and implementation of Capacity Fees. The following sections summarize the regulations applicable to the development of Capacity Fees for the District.

² RFC does not practice law nor does it provide legal advice. The above discussion means to provide a general review of apparent state institutional constraints and is labeled "legal framework" for literary convenience only.

1.2.3 California Government Code Requirements

Capacity Fees must be established based on a reasonable relationship to the needs and benefits brought about by the development or expansion. Courts have long used a standard of reasonableness to evaluate the legality of development charges. The basic statutory standards governing Capacity Fees are embodied by California Government Code Sections 66013, 66016, 66022 and 66023. Government Code Section 66013, in particular, contains requirements specific to determining utility development charges:

“Notwithstanding any other provision of law, when a local agency imposes fees for water connections or sewer connections, or imposes capacity charges, those fees or charges shall not exceed the estimated reasonable cost of providing the service for which the fee or charge is imposed, unless a question regarding the amount the fee or charge in excess of the estimated reasonable cost of providing the services or materials is submitted to, and approved by, a popular vote of two-thirds of those electors voting on the issue.”

Section 66013 also includes the following general requirements:

- Local agencies must follow a process set forth in the law, making certain determinations regarding the purpose and use of the charge; they must establish a nexus or relationship between a development project and the public improvement being financed with the charge.
- The Capacity Charge revenue must be segregated from the general fund in order to avoid commingling of Capacity Fees and the General Fund.

The District should consult with its counsel for clarification and/or specific review of any of the above or other matters

2 METHODOLOGIES

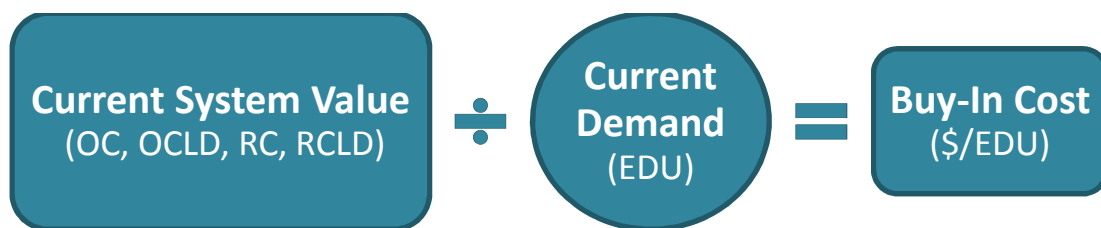
There are two primary steps in calculating Capacity Fees: (1) determining the cost of capital related to either new service connections or expansions that increase density or require the installation of a larger meter, and (2) allocating those costs equitably to various types of connections. There are several available methodologies for calculating Capacity Fees. The various approaches have evolved largely around the basis of changing public policy, legal requirements, and the unique and special circumstances of every local agency. However, there are four general approaches that are widely accepted and appropriate for water and wastewater Capacity Fees. They are the “system buy-in”, “capacity buy-in”, “incremental-cost” and “hybrid” method.

2.1 SYSTEM BUY-IN APPROACH

The system buy-in approach rests on the premise that new customers are entitled to service at the same price as existing customers. However, existing customers have already developed the facilities that will serve new customers. Under this approach, new customers pay only an amount equal to the current system value, either using the original cost or replacement cost as the valuation basis and either netting the value of depreciation or not. This net investment, or value of the system, is then divided by the current demand of the system – number of customers (or equivalent units) – to determine the buy-in cost per EDU.

For example, if the existing system has 100 units of average usage and the new connector uses an equivalent unit, then the new customer would pay 1/100 of the total value of the existing system. By contributing this Capacity Fee, the new connector has bought into the existing system. The user has effectively acquired a financial position on par with existing customers and will face future capital challenges on equal financial footing with those customers. This approach is suited for agencies that have built a majority of their facilities and only a small portion of future facilities are needed for build-out. **Figure 2-1** shows the framework for calculating the system Buy-in Capacity Fee.

Figure 2-1: Formula for Equity Buy-In Approach



2.1.1 Asset Valuation Approaches

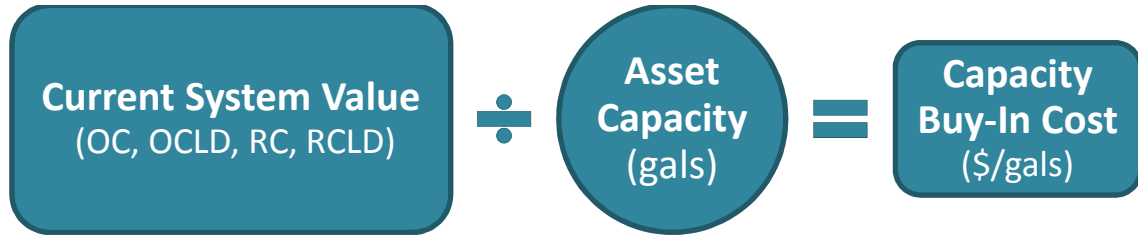
As stated earlier, the first step is to determine the asset value of the capital improvements required to furnish services to new users. However, under the system buy-in approach, the facilities have already been constructed, therefore the goal is to determine the value of the existing system/facilities. To estimate the asset value of the existing facilities required to furnish services to new users, various methods are employed. The principal methods commonly used to value a utility's existing assets are original cost and replacement cost.

- 1. Original Cost (OC).** The principal advantages of the original cost method lie in its relative simplicity and stability, since the recorded costs of tangible property are held constant. The major criticism levied against original cost valuation pertains to the disregard of changes in the value of money, which are attributable to inflation and other factors. As evidenced by history, prices tend to increase rather than to remain constant. Because the value of money varies inversely with changes in price, monetary values in most recent years have exhibited a definite decline; a fact not recognized by the original cost approach. This situation causes further problems when it is realized that most utility systems are developed over time on a piecemeal basis as demanded by service area growth. Consequently, each property addition was paid for with dollars of different purchasing power. When these outlays are added together to obtain a plant value the result can be misleading.
- 2. Replacement Cost (RC).** Changes in the value of the dollar over time, at least as considered by the impacts of inflation, can be recognized by replacement cost asset valuation. The replacement cost represents the cost of duplicating the existing utility facilities (or duplicating its function) at current prices. Unlike the original cost approach, the replacement cost method recognizes price level changes that may have occurred since plant construction. The most accurate replacement cost valuation would involve a physical inventory and appraisal of plant components in terms of their replacement costs at the time of valuation. However, with original cost records available, a reasonable approximation of replacement cost plant value can most easily be ascertained by trending historical original costs. This approach employs the use of cost indices to express actual capital costs experienced by the utility in terms of current dollars. An obvious advantage of the replacement cost approach is that it gives consideration to changes in the value of money over time.
- 3. Original Cost Less Depreciation (OCLD) or Replacement Cost Less Depreciation (RCLD).** Considerations of the current value of utility facilities may also be materially affected by the effects of age and depreciation. Depreciation takes into account the anticipated losses in plant value caused by wear and tear, decay, inadequacy, and obsolescence. To provide appropriate recognition of the effects of depreciation on existing utility facilities, both the original cost and replacement cost valuation measures can also be expressed on an OCLD and RCLD basis. These measures are identical to the aforementioned valuation methods, with the exception that accumulated depreciation is computed for each asset account based upon its age or condition, and deducted from the respective total original cost or replacement cost to determine the OCLD or RCLD measures of plant value.

2.2 CAPACITY COST APPROACH

The capacity buy-in approach is based on the same premise as that for the system buy-in approach – that new customers are entitled to service at the same rates as existing customers. The difference between the two approaches is that for the capacity buy-in approach, for each major asset, the value is divided by its capacity. This approach presents a major challenge as determining the capacity of each major asset may be problematic or not available. The system is designed for peak use and customer behavior fluctuates based on economic and weather conditions. **Figure 2-2** shows the framework for calculating the Capacity Buy-In Fee.

Figure 2-2: Formula for Capacity Buy-In Approach

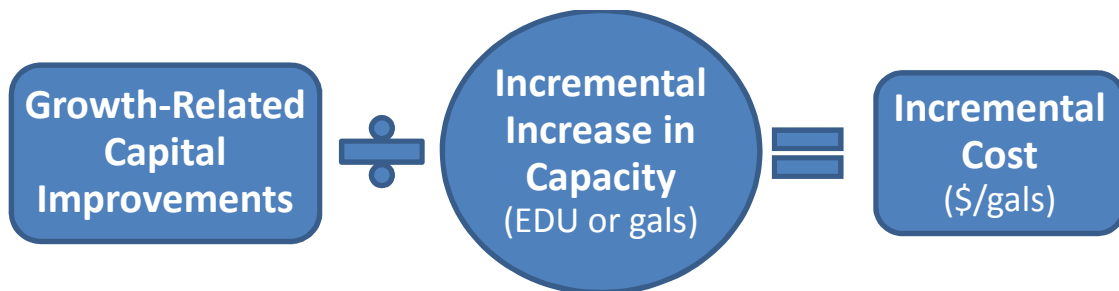


2.3 INCREMENTAL COST APPROACH

The incremental method is based on the premise that new development (new users) should pay for the additional capacity and expansions necessary to serve the new development. This method is typically used when there are specific capital improvements that are needed to accommodate growth for development to occur. Under the incremental method, growth-related capital improvements are allocated to new development based on their estimated usage or capacity requirements, irrespective of the value of past investments made by existing customers.

For instance, if it costs X dollars (\$X) to provide 100 additional equivalent units of capacity for average usage and a new connector uses one of those equivalent units, then the new user would pay \$X/100 to connect to the system. In other words, new customers pay the incremental cost of capacity. Incorporating the use of this method is generally included when detailed facilities are identified for the capacity required to serve new customers. **Figure 2-3** shows the framework for calculating the incremental cost capacity fee.

Figure 2-3: Formula for Incremental Cost Approach



2.4 HYBRID APPROACH

The hybrid approach is typically used where some capacity is available to serve new growth but additional expansion is still necessary to accommodate new development. Under the hybrid approach the Capacity Fee is based on the summation of the existing capacity and any necessary expansions.

In utilizing this methodology, it is important that system capacity costs are not double-counted when combining costs of the existing system with future costs from the Capital Improvement Program (CIP). CIP costs associated with repair and replacement of the existing system should not be included in the calculation, unless specific existing facilities which will be replaced through the CIP can be isolated and removed from the existing asset inventory and cost basis. In this case, the rehabilitative costs of the CIP

essentially replace the cost of the relevant existing assets in the existing cost basis. Capital improvements that expand system capacity to serve future customers may be included proportionally to the percentage of the cost specifically required for expansion of the system. **Figure 2-4** summarizes the framework for calculating the hybrid Capacity Fee.

Figure 2-4: Formula for Hybrid Approach



2.5 PROPOSED METHOD: HYBRID APPROACH

The District's water and wastewater systems both have some capacity within the existing system to serve future growth; however, there are also specific growth-related capital projects necessary for growth to occur. Therefore, the Hybrid approach was used to determine the Capacity Fees for both the water and wastewater utilities. For the Recycled Water System, only the buy-in component was used as future facilities needs may substantially vary based on the number of potential customers that may connect to the recycled system.

3 PROPOSED WATER CAPACITY FEE

3.1 BUY-IN COMPONENT

3.1.1 Value of the System

The first step in determining the buy-in component of the hybrid capacity fee is to determine the value of the existing system. As mentioned above, there are several methods of determining the current value of assets, but, for the purposes of this Study, **RCLD was used to account for today's replacement cost for system improvements, while acknowledging the remaining useful life of system facilities.** To accomplish this, the District provided fixed asset records on the original cost of the system. Replacement cost is estimated by adjusting the original costs to reflect what might be expected if a similar asset were constructed today. This was achieved by escalating the original construction costs by a construction cost index. RFC utilized the Engineering News-Record's average Construction Cost Index for 20-cities (ENR CCI) which reflects the average costs of a particular basket of construction goods. RFC used a CCI value of 10,280 for 2016 to estimate the replacement costs. Using straight-line depreciation, RFC determined the accumulated replacement cost depreciation. The accumulated depreciation was subtracted from the replacement cost to determine the current value of the assets using the RCLD methodology and appropriately reflects the use of the system by the existing customers. **Table 3-1** shows the water assets escalated into 2016 dollars (i.e. assets at replacement cost), accumulated depreciation, and assets adjusted for depreciation (RCLD). **Table 3-2** shows the Water Enterprise portion of the assets shared by all three enterprises. The Water portion of the shared assets and Water only asset total RCLD is \$36,618,937 (Sum of **Table 3-1** and **Table 3-2** totals).

Table 3-1: Water Assets Only/System Value

Asset Category	Replacement Cost (A)	Acc. Depreciation (B)	RCLD (A-B)
Fire	\$52,205	\$37,824	\$14,381
Meters	\$171,507	\$86,251	\$85,256
Transmission	\$10,174,994	\$3,936,176	\$6,238,817
Distribution	\$17,908,590	\$4,436,608	\$13,471,981
Treatment	\$1,147	\$1,147	\$0
Pumping	\$143,758	\$0	\$143,758
Storage	\$7,661,579	\$2,824,651	\$4,836,928
General	\$55,935	\$55,935	\$0
Supply	\$16,936,967	\$5,766,082	\$11,170,884
Total Water Only System Value (RCLD)	\$53,106,681	\$17,144,674	\$35,962,007

Table 3-2: Shared Water Assets/System Value³

Asset Category	Replacement Cost (A)	Acc. Depreciation (B)	RCLD (A-B)
Distribution	\$38,315	\$31,106	\$7,210
Treatment	\$548,227	\$61,472	\$486,755
General	\$537,921	\$374,956	\$162,965
Total Shared Water System Value (RCLD)	\$1,124,463	\$467,534	\$656,930

3.1.2 Current Demand

The second step in calculating the Capacity Fee is to determine the current demand or capacity of the system. Dividing the value of the system by the capacity provides a unit cost for the Capacity Fee. An Equivalent Dwelling Unit (EDU) represents the demand placed on the water system by a single-family residence. A single-family residence’s demand is estimated at 650 gpd. For water systems, capacity is usually expressed in meter equivalents rather than the number of service connections since different meter sizes place varying levels of demand on the system. The benefit of using meter equivalents is that it relates the relative capacity of service connections with meters of various sizes i.e. accounts for larger meters generating more demand.

RFC utilized consumption data provided by the District to determine the current number of meters by meter size for the service area. Next, the AWWA Standards for Maximum Rated Safe Operating Flow in gallons per minute (gpm) were used to determine the equivalent meter ratios. The typical single-family residential base meter for the District is a ¾” or less meter. As shown in **Table 3-3**, the safe operating capacity of a ¾” meter is 30 gpm. For each size of meter there is a corresponding maximum safe operating capacity which provides the basis for calculating the meter equivalency ratios (AWWA Meter Ratio). For example, the safe operating capacity for a 4” meter is 630 gpm. Comparing the 4” meter and the ¾” meter on a capacity basis, a 4” meter is equivalent to twenty-one (21) ¾” meters. This was determined by dividing the 4” meter capacity of 630 gpm by the ¾” meter capacity of 30 gpm. Therefore, the base meter receives an equivalent meter ratio of 1 whereas the 4” meter receives an equivalent meter ratio of 21. Note, the meter ratios should reflect each meter’s capacity in relation to the ¾” meter capacity. Finally, the number of meters (by size) was multiplied by the respective equivalent meter ratio to obtain the Meter Equivalent (MEs). **Table 3-3** summarizes the data used to determine the total equivalent meters of 5,587, which is reflective of the current demand of the system.

³ 35% of shared assets were counted towards the water enterprise.

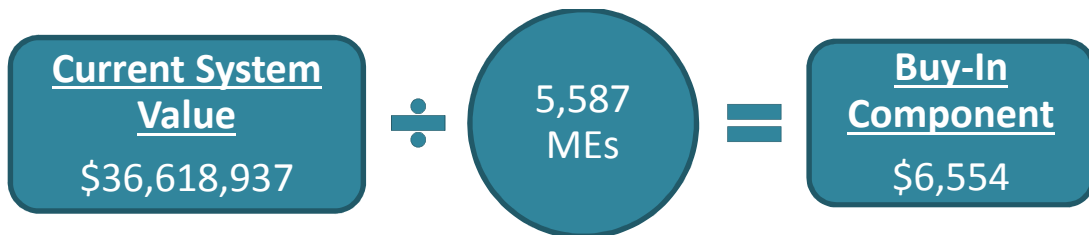
Table 3-3: Water Meter Equivalents (MEs)

Meter Size	Meter Type	Capacity (gpm) [A]	AWWA Meter Ratio [B]	Number of Current Meters [C]	Meter Equivalents [B x C]
3/4" or less	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	30	1.00	4,647	4,647
1"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	50	1.67	244	407
1-1/2"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	100	3.33	8	27
2"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	160	5.33	81	432
3"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	350	11.67	1	12
4"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	630	21.00	3	63
6"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	1300	43.33	0	0
8"	Turbine Type, Class II, In-Line	2,800	93.33	0	0
10"	Turbine Type, Class II, In-Line	4,200	140.00	0	0
Total Current Demand Existing Meter Equivalents (ME)				4,984	5,587

3.1.3 Buy-In Component (\$/ME)

The final step in determining the Buy-In Component of the Capacity Fee is to divide the total current value of the water system from Section 3.1.1 by the total equivalent meters from Section 3.1.2. In 2016 dollars, the total net value of the water system is \$36,618,937. The value of the system is then divided by the total system capacity (or demand) expressed in total equivalent meters (5,587) to determine the per equivalent meter (or EDU) cost of \$6,554. **Figure 3-1** summarizes the calculation of the Buy-In Component cost per EU (or equivalent meter).

Figure 3-1: Buy-In Component (Water)



3.2 INCREMENTAL COMPONENT

3.2.1 Growth-Related Capital Improvements

The first step in calculating the Incremental Cost Component of the Capacity Fee is to determine the total growth-related capital improvements necessary to provide service to the projected future users. The Districts Water Master Plan forecasts future growth and demand in the southern area of the District. The Dawson Canyon Potable Reservoir & Pipelines will add 3.0 MGD capacity to the existing system. The two-year project is scheduled to begin construction in 2017. The total project budget related to expansion or growth is summarized below in Table 3-4.

Table 3-4: Dawson Canyon Potable Reservoir & Pipelines Capital Project (Water)

Project Phase	Total Cost
Construction	\$6,000,000
CM	\$400,000
Inspection	\$60,000
Environmental	\$25,000
Contingency	\$100,000
Total Growth-Related Future Improvements	\$6,585,000

3.2.2 Incremental Component

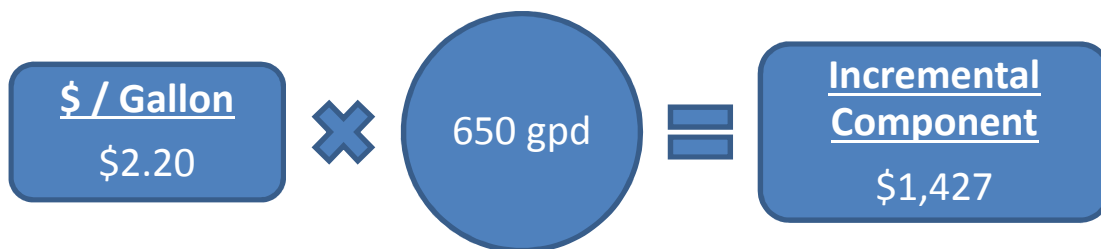
The next step in determining the Incremental Component of the Hybrid Capacity Fee is to divide the cost of each growth-related capital project from Section 3.2.1 by the incremental increase in capacity associated with each project from Section 3.2.1. **Table 3-5** summarizes the Incremental Component calculation.

Table 3-5: Incremental \$ / gallon of Capacity

Growth-Related CIP	Est. Cost (2016 \$)	Incremental Capacity (gallons)	(\$ / gal)
Dawson Canyon Project	\$6,585,000	3,000,000	\$2.20

From Section 3.1.2, an EDU represent the demand placed on the water system by a single-family residence or 650 gallons per day (gpd). The cost per gallon from **Table 3-5** is multiplied by 650 to arrive at an incremental component cost of \$1,427 per 3/4" meter or less or a single family residence. **Figure 3-2** summarizes the calculation of the Incremental Component.

Figure 3-2: Incremental Component (Water)



4 PROPOSED RECYCLED WATER CAPACITY FEE

4.1 BUY-IN COMPONENT

4.1.1 Value of the System

The first step in determining the buy-in component of the hybrid capacity fee is to determine the value of the existing system. As mentioned above, there are several methods of determining the current value of assets, but, for the purposes of this Study, **RCLD was also used for the Recycled System to account for today's replacement cost for system improvements, while acknowledging the remaining useful life of system facilities.** The accumulated depreciation was subtracted from the replacement cost to determine the current value of the assets using the RCLD methodology and appropriately reflects the use of the system by the existing customers. **Table 4-1** shows the recycled water assets escalated into 2016 dollars (i.e. assets at replacement cost), accumulated depreciation, and assets adjusted for depreciation (RCLD).

Table 4-2 shows the Recycled Water Enterprise portion of the assets shared by all three enterprises. The Recycled Water portion of the shared assets and Recycled Water only asset total RCLD is \$5,796,739 (Sum of **Table 4-1** and

Table 4-2 totals).

Table 4-1: Recycled Water Assets Only/System Value

Asset Category	Replacement Cost (A)	Acc. Depreciation (B)	RCLD (A-B)
Fire	\$0	\$0	\$0
Meters	\$78,007	\$27,957	\$50,050
Transmission	\$2,771,805	\$2,771,805	\$0
Distribution	\$3,736,003	\$376,710	\$3,359,293
Treatment	\$682,577	\$74,232	\$608,344
Pumping	\$1,450,897	\$141,081	\$1,309,816
Storage	\$0	\$0	\$0
General	\$0	\$0	\$0
Supply	\$0	\$0	\$0
Total Recycled Water Only System Value (RCLD)	\$8,719,289	\$3,391,786	\$5,327,503

Table 4-2: Shared Recycled Water Assets/System Value⁴

Asset Category	Replacement Cost (A)	Acc. Depreciation (B)	RCLD (A-B)
Distribution	\$27,368	\$22,218	\$5,150
Treatment	\$391,591	\$43,909	\$347,682
General	\$384,229	\$267,826	\$116,403

⁴ 25% of shared assets were counted towards the recycled water enterprise.

Total Recycled Water Only System Value (RCLD)	\$803,188	\$333,953	\$469,236
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4.1.2 Current Demand

The second step in calculating the Capacity Fee is to determine the current demand or capacity of the system. Dividing the value of the system by the capacity provides a unit cost for the Capacity Fee. A single-family residence’s demand is estimated at 360 gallons per day.

RFC utilized consumption data provided by the District to determine the current number of meters by meter size for the service area. Next, the AWWA Standards for Maximum Rated Safe Operating Flow in gallons per minute (gpm) were used to determine the equivalent meter ratios. Finally, the number of meters (by size) was multiplied by the respective equivalent meter ratio to obtain the Meter Equivalents (MEs). **Table 4-3** summarizes the data used to determine the total equivalent meters of 865, which is reflective of the current demand of the system.

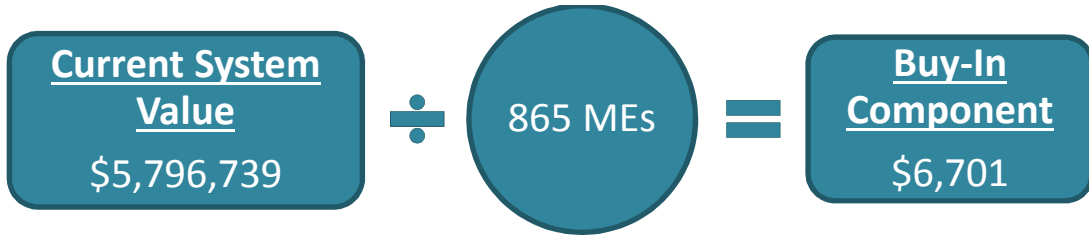
Table 4-3: Recycled Water Meter Equivalents (MEs)

Meter Size	Meter Type	Capacity (gpm) (A)	AWWA Meter Ratio (B)	Number of Current Meters (C)	Meter Equivalents (B x C)
3/4" or less	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	30	1.00	6	6
1"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	50	1.67	6	10
1-1/2"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	100	3.33	7	23
2"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	160	5.33	81	432
3"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	350	11.67	3	35
4"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	630	21.00	2	42
6"	Singlejet Type / Turbine Type, Class I, Vertical Shaft Type	1300	43.33	3	130
8"	Turbine Type, Class II, In-Line	2800	93.33	2	187
10"	Turbine Type, Class II, In-Line	4200	140.00	0	0
Total Current Demand Existing Meter Equivalents (ME)				110	865

4.1.3 Buy-In Component (\$/ ME) – Recycled Water without Storage Component

The final step in determining the Buy-In Component of the Capacity Fee is to divide the total current value of the recycled water system from Section 4.1.1 by the total equivalent meters from Section 4.1.2. In 2016 dollars, the total net value of the recycled water system is \$5,796,739 (without storage assets). The value of the system is then divided by the total system capacity (or demand) expressed in total equivalent meters (865) to determine the per equivalent meter (or EDU) cost of \$6,701. **Figure 4-1** summarizes the calculation of the Buy-In Component cost per EU (or equivalent meter).

Figure 4-1: Buy-In Component – Recycled Water without Storage Component



4.1.4 Buy-In Component (\$/ ME) – Recycled Water Storage Component

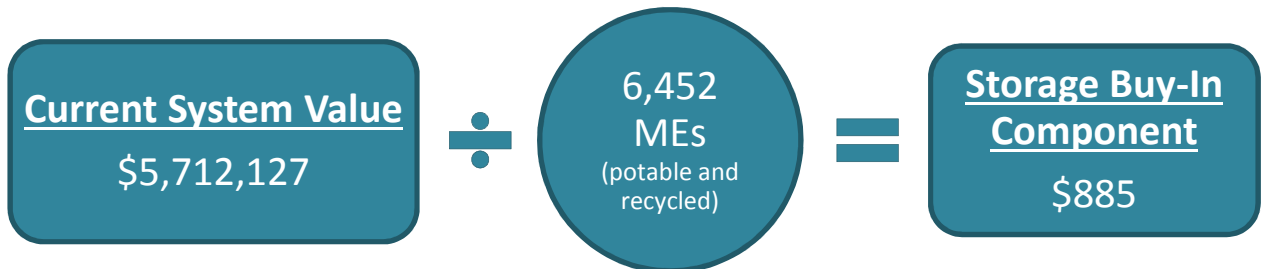
The Recycled Water Storage assets were accounted for as a separate component because these assets are apportioned to all water service connections because these storage facilities also provide a benefit to the Potable Water system by reducing the required peak capacity of the Potable Water system. Therefore, Recycled Water Storage Assets is a Buy-in component to both the Water Capacity Fee and the Recycled Capacity Fee. **Table 4-4** shows the Recycled Water Storage system value used to calculate the Recycled Water Storage Buy-in Fee.

Table 4-4: Recycled Water Storage System Value

Asset Category	Replacement Cost (A)	Acc. Depreciation (B)	RCLD (A-B)
Storage	\$5,964,292	\$252,165	\$5,712,127
Total Recycled Water Storage System Value (RCLD)	\$5,964,292	\$252,165	\$5,712,127

Calculating the Buy-In Component of the Recycled Water Storage Capacity Fee is similar to the procedure in Section 4.1.3. In 2016 dollars, the total net value of the recycled water storage system is \$5,712,127. The value of the system is then divided by the total potable water system capacity plus the recycled water system capacity (5,587 + 865 = 6,452). The per equivalent meter or EDU cost is \$885.33. **Figure 4-2** summarizes the calculation of the Recycled Water Storage Buy-In Component cost per equivalent meter.

Figure 4-2: Buy-In Component – Recycled Water Storage Component



5 PROPOSED WASTEWATER CAPACITY FEE

5.1 BUY-IN COMPONENT

5.1.1 Value of the System

The first step in determining the buy-in component of the hybrid capacity fee is to determine the value of the existing system. Similar to the District's water facilities, RCLD was used. The shared and Wastewater only asset total RCLD is \$6,931,219 (Sum of **Table 5-1** and **Table 5-2** totals).

Table 5-1: Wastewater Assets Only/System Value

Asset Category	Replacement Cost (A)	Acc. Depreciation (B)	RCLD (A-B)
Distribution	\$132,331	\$106,381	\$25,950
Treatment	\$16,605,543	\$13,874,857	\$2,730,686
Pumping	\$28,202,066	\$24,865,004	\$3,337,063
Storage	\$252,735	\$184,794	\$67,941
Supply	\$58,390	\$39,588	\$18,802
Total Water Only System Value (RCLD)	\$45,251,066	\$39,070,623	\$6,180,442

Table 5-2: Shared Wastewater Assets/System Value⁵

Asset Category	Replacement Cost (A)	Acc. Depreciation (B)	RCLD (A-B)
Distribution	\$43,789	\$35,549	\$8,240
Treatment	\$626,545	\$70,254	\$556,292
General	\$614,766	\$428,521	\$186,246
Total Shared Water System Value (RCLD)	\$1,285,101	\$534,324	\$750,777

5.1.2 Capacity / Demand

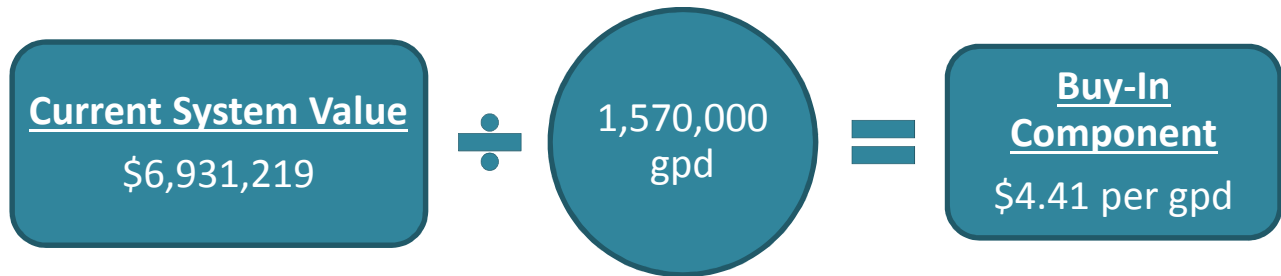
The second step in calculating the Buy-In component of the Wastewater Capacity Fee is to determine the demand or capacity of the system. Dividing the value of the system by the capacity provides a unit cost for the Capacity Fee. Here, the treatment plant capacity of 1,570,000 gpd will be used for the Capacity Buy-In Component.

⁵ 40% of shared assets were counted towards the wastewater enterprise.

5.1.3 Buy-In Component (\$/ EDU)

The next step in determining the Buy-In component of the Wastewater Capacity Fee is to divide the current values determined in Section 5.1.1 by the capacities from Section 5.1.2. shows the calculation of the Buy-In Component (\$/gpd).

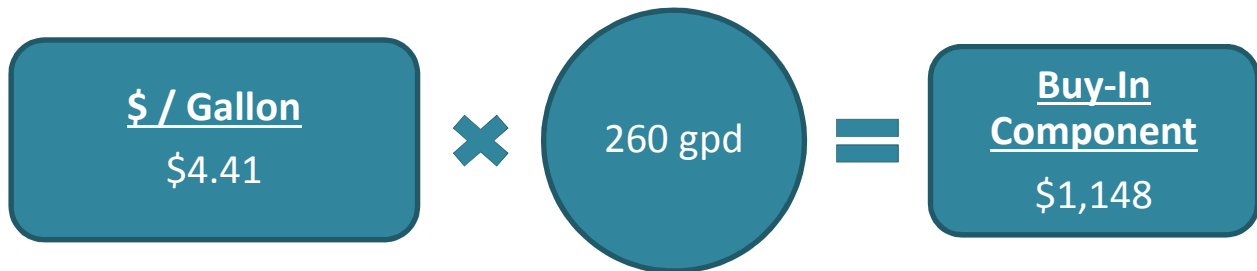
Figure 5-1: Buy-In Component (\$ / gpd)



For ease of comparison and reference, RFC converted the fee from a cost per gallon of flow into a cost per EDU (similar to the water capacity fee). an EDU represents the demand placed on the wastewater system by a single-family residence. A single-family residence’s flow is estimated at 260 gpd.

Figure 5-2 shows the calculation of the buy-In component of the Wastewater Capacity Fee.

Figure 5-2: Buy-In Component (\$ / EDU)



5.2 INCREMENTAL COMPONENT

5.2.1 Growth-related Capital Improvements

The first step in calculating the incremental cost component of the Wastewater Capacity Fee is to determine the total growth-related capital improvements necessary to provide service to the projected future users. The District’s Master Plan forecasts a 225,000 gpd expansion of the existing system. The expansion will be built at the same time as the Teramor Development expansion. The cost of the growth-related capital projects are summarized below in **Table 5-3**.

Table 5-3: Growth-Related Capital Projects (Wastewater)

Project Phase	Total Cost
Design	\$100,000
Construction	\$4,950,000
CM	\$100,000
Environmental	\$40,000
Contingency	\$45,000
Total Growth-Related Future Improvements	\$5,235,000

5.2.2 Incremental Component

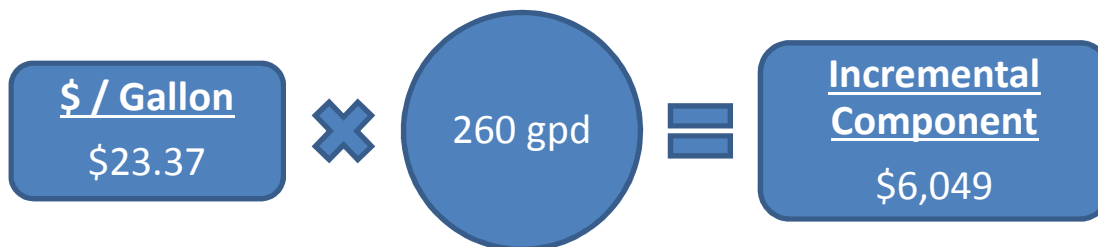
The next step in determining the Incremental Component of the Hybrid Capacity Fee is to divide the cost of growth-related capital projects of \$5,235,000 (from Section 5.2.1) by the incremental increase in capacity of 225,000 gpd (from Section 5.2.1).

Table 5-4: Incremental \$ / gallon of Capacity

Growth-Related CIP	Est. Cost (2016 \$)	Incremental Capacity (gallons)	(\$ / gal)
Expansion Project	\$5,235,000	225,000	\$23.37

From Section 5.1.3, an EDU represents the demand placed on the wastewater system by a single-family residence or 260 gallons per day. The cost per gallon was multiplied by 260 to arrive at an incremental component cost of \$6,049 per EDU. **Figure 5-3** summarizes the calculation of the Incremental Component.

Figure 5-3: Incremental Component (Wastewater)



6 TOTAL CAPACITY FEES

6.1 WATER CAPACITY FEE

As described in Section 4.1.4 the total Water Buy-In Fee includes a Recycled Storage Buy-in Fee. The Total Water Buy-in Fee is shown in **Figure 6-1**.

Figure 6-1: Total Water Buy-In Including Recycled Storage



For meter sizes above ¾" the Buy-In component is escalated by corresponding AWWA multipliers. For 1" meter and above the incremental component will not depend on meter size. Instead, the incremental component is based solely on usage. **Table 6-1** summarizes the proposed Water Capacity Fee.

Table 6-1: Proposed Water Capacity Fees

	Proposed FY 2016-2017 Buy-In Component	Proposed FY 2016-2017 Incremental Component	Proposed FY 2016-2017 Total Capacity Fee
Water			
SFR	\$7,440	\$1,427	\$8,866
3/4" or less	\$7,440	\$1,427	\$8,866
1"	\$7,440	\$2.20 per gallon	-
1 1/2"	\$24,799	\$2.20 per gallon	-
2"	\$39,678	\$2.20 per gallon	-
3"	\$86,796	\$2.20 per gallon	-
4"	\$156,232	\$2.20 per gallon	-
6"	\$322,384	\$2.20 per gallon	-
8"	\$694,366	\$2.20 per gallon	-
10"	\$1,041,549	\$2.20 per gallon	-

6.2 RECYCLED WATER CAPACITY FEE

The total Recycled Water Buy-in Capacity Fee is the described in **Figure 6-2**.

Figure 6-2: Total Recycled Water Buy-In Including Recycled Storage



For meter sizes above ¾" the Recycled Water Buy-In component is escalated by corresponding AWWA multipliers.

Table 6-2: Proposed Recycled Water Capacity Fees

	Proposed FY 2016-2017 Buy-In Component	Proposed FY 2016-2017 Incremental Component	Proposed FY 2016-2017 Total Capacity Fee
Recycled Water			
3/4" or less	\$7,587	N/A	\$7,587
1"	\$12,645	N/A	\$12,645
1 1/2"	\$25,289	N/A	\$25,289
2"	\$40,463	N/A	\$40,463
3"	\$88,512	N/A	\$88,512
4"	\$159,322	N/A	\$159,322
6"	\$328,760	N/A	\$328,760
8"	\$708,097	N/A	\$708,097

6.3 WASTEWATER CAPACITY FEE

Table 6-3 summarizes the Buy-in and Incremental components of the Wastewater Capacity Fee.

Table 6-3: Proposed Wastewater Capacity Fees

	Proposed FY 2016-2017 Buy-In Component	Proposed FY 2016-2017 Incremental Component	Proposed FY 2016-2017 Total Capacity Fee
Wastewater			
Per SFR	\$1,148	\$6,049	\$7,197
Per gallon	\$4.41	\$23.27	\$27.68

APPENDIX A – CONSTRUCTION COST INDEX

Table A-1: Engineering News Record Construction Cost Index – 20 Cities

Year	20-city CCI	Year	20-city CCI	Year	20-city CCI
1920	251	1953	600	1986	4,295
1921	202	1954	628	1987	4,406
1922	174	1955	660	1988	4,519
1923	214	1956	692	1989	4,615
1924	215	1957	724	1990	4,732
1925	207	1958	759	1991	4,835
1926	208	1959	797	1992	4,985
1927	206	1960	824	1993	5,210
1928	207	1961	847	1994	5,408
1929	207	1962	872	1995	5,471
1930	203	1963	901	1996	5,620
1931	181	1964	936	1997	5,826
1932	157	1965	971	1998	5,920
1933	170	1966	1,019	1999	6,059
1934	198	1967	1,074	2000	6,221
1935	196	1968	1,155	2001	6,343
1936	206	1969	1,269	2002	6,538
1937	235	1970	1,381	2003	6,694
1938	236	1971	1,581	2004	7,115
1939	236	1972	1,753	2005	7,446
1940	242	1973	1,895	2006	7,751
1941	258	1974	2,020	2007	7,966
1942	276	1975	2,212	2008	8,310
1943	290	1976	2,401	2009	8,570
1944	299	1977	2,576	2010	8,802
1945	308	1978	2,776	2011	9,070
1946	346	1979	3,003	2012	9,311
1947	413	1980	3,237	2013	9,547
1948	461	1981	3,535	2014	9,806
1949	477	1982	3,825	2015	10,025
1950	510	1983	4,066	2016	10,280
1951	543	1984	4,146		
1952	569	1985	4,195		

APPENDIX B – WATER & SHARED ASSETS RCLD

Table B-1: Water Asset Listing & RC less Depreciation Calculation

Asset Type	Asset Description	Acquisition Date	Estimated Life	Original Cost [A]	Replacement Cost [A*10,280/Original CCI] [B]	RC Depreciation [C]	RCLD [C-B]
4- Mains	WATER LINES - THE RETREAT	7/31/2008	50	\$4,611,624	\$5,704,873	\$798,682	\$4,906,191
5- Capac	WMWD capacity F	1/1/1992	50	\$2,507,400	\$5,170,726	\$2,378,534	\$2,792,192
5- Capac	WMWD capacity A-E, F 3cfs	8/19/2003	50	\$2,280,367	\$3,501,968	\$840,472	\$2,661,495
5- Capac	WMWD capacity A-E	1/1/1992	50	\$1,737,535	\$3,583,121	\$1,648,236	\$1,934,886
4- Mains	Phase 1b Waterline	12/6/1992	50	\$1,664,153	\$3,431,794	\$1,578,625	\$1,853,169
4- Mains	Phase 1a Waterline	1/1/1992	50	\$1,594,187	\$3,287,511	\$1,512,255	\$1,775,256
4- Mains	Waterlines Sycamore Tr. 29320 Backbone	6/11/2004	50	\$1,477,578	\$2,134,856	\$469,668	\$1,665,188
3- Wat	Sycamore Creek Reservoir 3.77 MG	6/11/2004	40	\$1,550,350	\$2,240,000	\$616,000	\$1,624,000
5- Capac	WMWD capacity A-E & F	6/30/2014	50	\$1,563,640	\$1,639,223	\$32,784	\$1,606,439
5- Capac	WMWD capacity A-E	9/17/2004	50	\$1,266,729	\$1,830,214	\$402,647	\$1,427,567
3- Wat	Wildrose Reservoir	1/1/1992	41.67	\$1,437,825	\$2,965,062	\$1,636,584	\$1,328,479
3- Wat	Trilogy Reservoir 2.28 MG	3/5/2003	41.67	\$1,144,991	\$1,758,367	\$506,369	\$1,251,998
4- Mains	Waterlines Trilogy Tr. 29416 & -1	6/30/2002	50	\$1,000,000	\$1,572,346	\$408,810	\$1,163,536
3- Wat	Sycamore Creek Booster Stn	6/11/2004	40	\$865,535	\$1,250,555	\$343,903	\$906,652
3- Wat	Trilogy Intermediate Pump Stn	8/26/2003	40	\$821,975	\$1,262,310	\$378,693	\$883,617
4- Mains	Waterlines Sycamore Tr. 29320 Offsite	6/11/2004	50	\$712,265	\$1,029,105	\$226,403	\$802,702
4- Mains	Waterlines Trilogy Tr. 29416 & -1	12/1/2004	50	\$687,485	\$993,302	\$218,527	\$774,776
3- Wat	Trilogy Hydro pneumatic Pump Stn	8/26/2003	40	\$632,015	\$970,588	\$291,176	\$679,411
5- Capac	WMWD capacity A-E	1/1/1996	50	\$392,756	\$718,422	\$273,000	\$445,422
1- Land	Sycamore Water Tank Site	1/8/2004	0	\$338,679	\$421,105	\$0	\$421,105
4- Mains	Waterlines MR Tr. 29644-3	2/13/2004	50	\$362,200	\$523,319	\$115,130	\$408,189
4- Mains	Wildrose Water	1/1/1992	50	\$349,411	\$720,550	\$331,453	\$389,097
4- Mains	WATER LINES - LEINEN	2/12/2009	50	\$349,738	\$419,522	\$50,343	\$369,180
4- Mains	Waterlines MR Tr. 29644-1	2/13/2004	50	\$320,865	\$463,597	\$101,991	\$361,606
3- Wat	Montecito Ranch Booster Stn	6/11/2004	40	\$296,798	\$428,824	\$117,927	\$310,897
5- Capac	WMWD capacity A-E	1/1/1995	50	\$236,267	\$443,946	\$177,578	\$266,367
4- Mains	Waterlines MR Tr. 29644	2/13/2004	50	\$236,140	\$341,183	\$75,060	\$266,123
4- Mains	Waterlines MR Tr. 29644-2	2/13/2004	50	\$225,175	\$325,341	\$71,575	\$253,766
4- Mains	Waterline Reach F Tie In	6/30/2001	50	\$186,497	\$302,252	\$84,631	\$217,622
4- Mains	Wildrose Water System	1/1/1996	50	\$177,919	\$325,445	\$123,669	\$201,776
4- Mains	Tr. 27943 Waterlines	6/30/2000	50	\$129,290	\$213,648	\$64,094	\$149,553
4- Mains	Waterlines Tr.27991	6/30/2001	50	\$125,000	\$202,586	\$56,724	\$145,862
4- Mains	Waterlines Tr.22338	6/30/2001	50	\$122,954	\$199,270	\$55,795	\$143,474
4- Mains	Waterlines Shea Tr. 29416-1/12	7/17/2005	50	\$116,551	\$160,911	\$32,182	\$128,729
4- Mains	Waterlines Tr.22339	6/30/2001	50	\$101,908	\$165,161	\$46,245	\$118,916
7- Eqpt	Inter-tie Pump with Corona	4/1/2007	20	\$152,120	\$196,309	\$78,524	\$117,785
4- Mains	Tr. 24756 Waterlines	6/30/2000	50	\$98,884	\$163,403	\$49,021	\$114,382
4- Mains	Tr. 22335 Waterlines	6/30/2000	50	\$91,187	\$150,684	\$45,205	\$105,478
3- Wat	Wildrose Reservoir-new lining	6/30/2005	28.5	\$114,029	\$157,429	\$55,238	\$102,190
4- Mains	Tr. 27944 Waterlines	6/30/2000	50	\$83,533	\$138,036	\$41,411	\$96,625
7- Eqpt	3G METERS-RESIDENTIAL	6/30/2012	7	\$133,818	\$147,744	\$63,319	\$84,425
1- Land	Montecito TR22335 Lot 19-WRII	6/17/2004	0	\$66,975	\$83,275	\$0	\$83,275
4- Mains	Tr. 27945 Waterlines	6/30/2000	50	\$66,120	\$109,261	\$32,778	\$76,482
4- Mains	Waterlines WR Tr. 27947 & -1	6/30/2002	50	\$59,296	\$93,234	\$24,241	\$68,993
4- Mains	Waterlines Tr.27946-1	6/30/2001	50	\$58,264	\$94,427	\$26,440	\$67,988
1- Land	Trilogy Reservoir Parcel	3/5/2003	0	\$53,150	\$67,407	\$0	\$67,407
3- Wat	Trilogy Res. Chlorate System	3/5/2003	42	\$51,900	\$79,703	\$22,772	\$56,931
4- Mains	Waterlines Tr.27946	6/30/2001	50	\$39,214	\$63,554	\$17,795	\$45,759
1- Land	Wildrose Reservoir Parcel	11/22/1994	0	\$27,545	\$41,749	\$0	\$41,749
5- Capac	WMWD capacity A-E	10/17/2002	50	\$31,384	\$49,347	\$12,830	\$36,516
3- Wat	Aux Jockey pump station (NEW)	6/30/2010	40	\$24,648	\$28,786	\$3,598	\$25,188
1- Land	Montecito Booster Stn Lot	2/13/2004	0	\$18,513	\$23,019	\$0	\$23,019
4- Mains	Waterlines Tr.28703	6/30/2001	50	\$19,264	\$31,220	\$8,742	\$22,478
1- Land	Sycamore Booster Stn Lot	1/8/2004	0	\$17,688	\$21,992	\$0	\$21,992
7- Eqpt	VFDS STATION	6/30/2009	10	\$35,909	\$43,074	\$25,845	\$17,230
1- Land	Trilogy Int.Booster Stn Lot	3/5/2003	0	\$12,200	\$15,473	\$0	\$15,473

Table B-1: Water Asset Listing & RCLD (Continued)

Asset Type	Asset Description	Acquisition Date	Estimated Life	Original Cost [A]	Replacement Cost [A*10,280/Original CCI] [B]	RC Depreciation [C]	RCLD [C-B]
7- Eqpt	PRESSURE RED STST-RIDGE	12/31/2007	10	\$33,995	\$43,870	\$35,096	\$8,774
7- Eqpt	VFDS STATION (NEW)	6/30/2010	7	\$22,440	\$26,208	\$18,720	\$7,488
2- WWRF	Chlorination System	1/1/1996	20	\$32,145	\$58,799	\$55,859	\$2,940
7- Eqpt	Meter 4" Fire Hydrant (3)	1/28/2004	27	\$2,436	\$3,520	\$1,434	\$2,086
7- Eqpt	Meters 4" Fire Hydrant (2)	3/19/2003	27	\$1,626	\$2,497	\$1,110	\$1,387
7- Eqpt	Meters 4" Fire Hydrant (2)	8/7/2002	27	\$1,577	\$2,479	\$1,194	\$1,285
7- Eqpt	Meter 6" Fire Hydrant	9/7/2001	27	\$1,292	\$2,094	\$1,086	\$1,008
7- Eqpt	Water Meters	1/1/1992	27	\$3,244	\$6,690	\$5,699	\$991
7- Eqpt	Meter 6" Fire Hydrant	12/21/1998	27	\$1,295	\$2,249	\$1,416	\$833
7- Eqpt	McCrometer Meters (2ea)	12/31/1997	27	\$1,412	\$2,491	\$1,661	\$830
7- Eqpt	Meter 4" Fire Hydrants (2 ea)	8/4/1997	27	\$1,410	\$2,488	\$1,658	\$829
7- Eqpt	Meter 4" Fire Hydrant	5/11/2004	27	\$815	\$1,177	\$480	\$698
7- Eqpt	Meter 4" Fire Hydrant	4/9/2004	27	\$815	\$1,177	\$480	\$697
7- Eqpt	Meter 4" Fire Hydrant	5/13/2004	27	\$815	\$1,177	\$479	\$697
7- Eqpt	Meter 4" Fire Hydrant	1/30/2003	27	\$814	\$1,251	\$556	\$695
7- Eqpt	Meter 4" Fire Hydrant	11/14/2003	27	\$814	\$1,250	\$556	\$695
7- Eqpt	Meter 4" Fire Hydrant	1/23/2002	27	\$790	\$1,242	\$598	\$644
7- Eqpt	Meter 4" Fire Hydrant	4/23/2002	27	\$790	\$1,242	\$598	\$644
7- Eqpt	Meter 4" Fire Hydrant	7/26/2002	27	\$790	\$1,242	\$598	\$644
7- Eqpt	Meter 4" Fire Hydrant	2/18/1999	27	\$743	\$1,261	\$747	\$514
7- Eqpt	Meter 4" Fire Hydrant	6/10/1997	27	\$706	\$1,246	\$830	\$415
7- Eqpt	Meter 4" Fire Hydrant	1/1/1995	27	\$670	\$1,259	\$932	\$326
7- Eqpt	Meter 4" Fire Hydrant	1/1/1994	27	\$670	\$1,273	\$990	\$283
3- Wat	Wildrose Res. Instrumentation	12/1/1998	10	\$9,381	\$16,290	\$16,290	\$0
3- Wat	Wildrose Res. Entry Gate	7/27/1999	10	\$1,292	\$2,192	\$2,192	\$0
3- Wat	Wildrose Res. Fencing	2/6/2001	10	\$3,500	\$5,672	\$5,672	\$0
3- Wat	Reservoir Reach F Controls	2/14/2005	10	\$5,784	\$7,985	\$7,985	\$0
3- Wat	Security Imp Reservoir	6/29/2007	7	\$2,011	\$2,596	\$2,596	\$0
7- Eqpt	Valve Operator	5/25/1993	7	\$4,349	\$8,581	\$8,581	\$0
7- Eqpt	Hydraulic Handgun	1/1/1994	7	\$912	\$1,733	\$1,733	\$0
7- Eqpt	Slo-Flow Hydrogen	1/1/1994	7	\$603	\$1,147	\$1,147	\$0
7- Eqpt	Water System Eng.Model	1/31/1997	7	\$29,670	\$52,353	\$52,353	\$0
7- Eqpt	Goldak Leak Detector	1/21/2000	5	\$1,253	\$2,070	\$2,070	\$0
7- Eqpt	Light Tower (40%)	4/13/2000	9	\$2,220	\$3,668	\$3,668	\$0
7- Eqpt	Portable Chlorinator	8/20/2000	10	\$22,753	\$37,599	\$37,599	\$0
7- Eqpt	Portable Chlorinator-Trailer	11/13/2000	10	\$364	\$602	\$602	\$0
7- Eqpt	Pollard Line Dechlorinator	11/17/2000	10	\$620	\$1,024	\$1,024	\$0
7- Eqpt	Meter 4" Fire Hydrant	8/16/2004	5	\$815	\$1,177	\$1,177	\$0
7- Eqpt	Meter 4" Fire Hydrant	11/10/2004	5	\$895	\$1,294	\$1,294	\$0
7- Eqpt	Meter 4" Fire Hydrant	11/24/2004	5	\$896	\$1,294	\$1,294	\$0
7- Eqpt	Meter 4" Fire Hydrant	12/21/2004	5	\$895	\$1,294	\$1,294	\$0
7- Eqpt	Meter 4" Fire Hydrant	3/31/2005	5	\$896	\$1,237	\$1,237	\$0
7- Eqpt	Meter 4" Fire Hydrant	4/27/2005	5	\$896	\$1,237	\$1,237	\$0
7- Eqpt	Meter 4" Fire Hydrant	6/28/2005	5	\$896	\$1,237	\$1,237	\$0
7- Eqpt	Master Plan-Water System	11/10/2004	7	\$48,420	\$69,959	\$69,959	\$0
7- Eqpt	Master Meter elec sending units	12/31/2005	7	\$81,750	\$112,865	\$112,865	\$0
7- Eqpt	Meter 4" Fire Hydrant	7/25/2005	5	\$896	\$1,237	\$1,237	\$0
7- Eqpt	Meter 4" Fire Hydrant	8/16/2005	5	\$896	\$1,237	\$1,237	\$0
7- Eqpt	Meter 4" Fire Hydrant(3 UNITS)	8/17/2005	5	\$2,607	\$3,600	\$3,600	\$0
7- Eqpt	Meter 4" Fire Hydrant (2 UNITS)	9/13/2005	5	\$1,789	\$2,470	\$2,470	\$0
7- Eqpt	Meter 4" Fire Hydrant	9/30/2005	5	\$896	\$1,237	\$1,237	\$0
7- Eqpt	Meter 4" Fire Hydrant	9/30/2005	5	\$895	\$1,235	\$1,235	\$0
7- Eqpt	Meter 4" Fire Hydrant (2 UNITS)	9/13/2005	5	\$1,664	\$2,297	\$2,297	\$0
7- Eqpt	Large water meters	6/30/2008	5	\$17,194	\$21,271	\$21,271	\$0
7- Eqpt	Mt Rch HYD pump stat VFD	6/30/2008	7	\$13,272	\$16,418	\$16,418	\$0
7- Eqpt	DIST ATLAS WATER MAP BOOK	6/30/2006	5	\$39,408	\$52,266	\$52,266	\$0
Total Assets				\$33,292,131	\$53,106,681	\$17,144,674	\$35,962,007

Table B-2: Shared Assets Listing & RCLD

Asset Type	Asset Description	Acquisition Date	Estimated Life	Original Cost [A]	Replacement Cost [A*10,280/Original CC]		RC Depreciation [C]	RCLD [C-B]
					[B]			
2- WWRF	LEVY FLOOD CONTROL BERM (NEW)	6/30/2010	50	\$1,025,417	\$1,197,601	\$119,760	\$1,077,841	
1- Land	Wastewater Facility Parcels(*)	6/30/1990	0	\$189,994	\$311,706	\$0	\$311,706	
8- Room	BOARD ROOM/ADMIN BUILDING	7/1/2005	27	\$215,949	\$298,141	\$110,423	\$187,719	
8- Room	BOARD ROOM/ADMIN BUILDING	7/1/2005	27	\$215,879	\$298,045	\$110,387	\$187,658	
8- Room	STORAGE /GARAGE	6/30/2013	27	\$48,063	\$51,753	\$3,834	\$47,919	
9- Off	ASI Remodel Contractor	6/30/2000	22	\$54,520	\$90,093	\$61,427	\$28,666	
9- Off	ENT & PLANT FENCING	6/30/2013	10	\$25,811	\$27,792	\$5,558	\$22,234	
7- Eqpt	SCADA SYS	12/31/2007	10	\$79,813	\$102,998	\$82,398	\$20,600	
8- Room	Steel Building (w/s only)	6/19/2003	15	\$46,889	\$72,008	\$57,607	\$14,402	
7- Eqpt	SHORE TELL PHONE SYSTEM	6/30/2012	7	\$18,809	\$20,766	\$8,900	\$11,866	
7- Eqpt	GSI MAPPING	6/30/2011	5	\$41,333	\$46,847	\$37,477	\$9,369	
7- Eqpt	Fencing	6/30/2008	10	\$23,895	\$29,560	\$20,692	\$8,868	
7- Eqpt	OFFICE COMP UPGRADE/SERVERS	4/30/2009	7	\$40,727	\$48,853	\$41,874	\$6,979	
7- Eqpt	2008 Ford F-350 G (NEW)	6/8/2010	7	\$19,598	\$22,889	\$16,349	\$6,540	
7- Eqpt	GSI MAPPING	6/30/2011	5	\$20,391	\$23,112	\$18,489	\$4,622	
9- Off	Architect's Fee-office remodel	6/30/2000	22	\$6,273	\$10,365	\$7,067	\$3,298	
7- Eqpt	BOARD I-PADS	10/31/2011	5	\$5,715	\$6,477	\$5,182	\$1,295	
2- WWRF	Storage Building Imp	6/1/2007	10	\$4,580	\$5,910	\$4,728	\$1,182	
9- Off	T.Tran Wiring Contractor	6/30/2000	22	\$1,950	\$3,222	\$2,197	\$1,025	
7- Eqpt	COMPUTER SERVERS	8/31/2011	5	\$4,387	\$4,972	\$3,978	\$994	
2- WWRF	Various Admin Furniture	1/1/1992	7	\$5,473	\$11,286	\$11,286	\$0	
2- WWRF	GE Refrigerator	1/1/1992	7	\$550	\$1,134	\$1,134	\$0	
2- WWRF	Operations Computer	1/1/1996	5	\$2,139	\$3,912	\$3,912	\$0	
2- WWRF	HVAC Unit - Sea Air H&A	1/31/1998	10	\$2,822	\$4,900	\$4,900	\$0	
2- WWRF	Y2K Instrumentation Improvement	7/31/1999	10	\$18,000	\$30,540	\$30,540	\$0	
2- WWRF	Perimeter Fencing	6/16/2000	10	\$10,927	\$18,057	\$18,057	\$0	
2- WWRF	SCADA IMPROVEMENTS	6/29/2007	7	\$21,346	\$27,547	\$27,547	\$0	
7- Eqpt	Office Furniture	5/1/1991	7	\$973	\$2,069	\$2,069	\$0	
7- Eqpt	Boardroom Furniture	5/22/1992	7	\$1,035	\$2,134	\$2,134	\$0	
7- Eqpt	Computer Battery	5/22/1992	5	\$375	\$773	\$773	\$0	
7- Eqpt	Various Office Furniture	1/4/1992	7	\$3,581	\$7,385	\$7,385	\$0	
7- Eqpt	(4) 4-Drawer File	1/14/1992	7	\$897	\$1,850	\$1,850	\$0	
7- Eqpt	486 Computer	5/4/1993	5	\$2,250	\$4,439	\$4,439	\$0	
7- Eqpt	476DX50 Computer	1/1/1994	5	\$1,636	\$3,109	\$3,109	\$0	
7- Eqpt	Drawing/Print File Cabinet	1/1/1995	7	\$630	\$1,184	\$1,184	\$0	
7- Eqpt	Canon BJC-610 Color Printer	1/1/1996	5	\$500	\$914	\$914	\$0	
7- Eqpt	Utility Software - MMI	1/1/1996	5	\$19,508	\$35,683	\$35,683	\$0	
7- Eqpt	AMC Pentium 120 mH Computer	1/1/1997	5	\$963	\$1,700	\$1,700	\$0	
7- Eqpt	(2)Drawing/Print File Cabinet	1/1/1997	7	\$1,018	\$1,797	\$1,797	\$0	
7- Eqpt	HP Laser Printer	8/14/1997	5	\$835	\$1,473	\$1,473	\$0	
7- Eqpt	Chain Wrench Tongs	8/25/1997	7	\$697	\$1,230	\$1,230	\$0	
7- Eqpt	Chain Hoist - Grainger	1/31/1997	7	\$314	\$553	\$553	\$0	
7- Eqpt	Honda Trash Pump-Ace	10/31/1997	7	\$2,101	\$3,707	\$3,707	\$0	
7- Eqpt	Williams Phone System	10/13/1998	7	\$6,927	\$12,029	\$12,029	\$0	

Table B-2: Shared Assets Listing & RCLD (Continued)

7- Eqpt	Compaq Pentium 350	3/11/1999	5	\$1,544	\$2,619	\$2,619	\$0	
7- Eqpt	Shindawa C350 Blower	6/4/1999	5	\$560	\$951	\$951	\$0	
7- Eqpt	HP2000 Laser Printer	9/27/1999	5	\$539	\$914	\$914	\$0	
7- Eqpt	Dell Computer System 500MHz	12/22/1999	5	\$2,950	\$5,006	\$5,006	\$0	
7- Eqpt	Compressor/Paint Sprayer	3/13/2000	7	\$1,347	\$2,226	\$2,226	\$0	
7- Eqpt	Nextel Phone i1000	4/5/2000	5	\$567	\$937	\$937	\$0	
7- Eqpt	Williams Phone System(add-ons)	5/23/2000	7	\$617	\$1,019	\$1,019	\$0	
7- Eqpt	Blueprint Flat Files-stacking (3)	6/22/2000	7	\$1,901	\$3,141	\$3,141	\$0	
7- Eqpt	Goldak Line Locator	8/3/2000	7	\$550	\$909	\$909	\$0	
7- Eqpt	HP4050 Laser Printer	9/22/2000	5	\$1,764	\$2,916	\$2,916	\$0	
7- Eqpt	Gateway Computer (office mgr)	12/22/2000	5	\$1,617	\$2,672	\$2,672	\$0	
7- Eqpt	Tucker Confined Space Kit	3/19/2001	7	\$1,644	\$2,664	\$2,664	\$0	
7- Eqpt	Digital Camera w/hookup	3/26/2001	5	\$734	\$1,189	\$1,189	\$0	
7- Eqpt	Hach Conductivity Meter	2/24/2003	7	\$721	\$1,108	\$1,108	\$0	
7- Eqpt	Credit Card Machine	4/22/2003	5	\$669	\$1,028	\$1,028	\$0	
7- Eqpt	Pentium 4 Computer	9/16/2003	5	\$1,980	\$3,041	\$3,041	\$0	
7- Eqpt	HP2100 Laser Printer	11/23/2003	5	\$997	\$1,531	\$1,531	\$0	
7- Eqpt	Aficio 2045e S/P Copier/Fax/Scanner/Printer	5/27/2004	5	\$18,652	\$26,949	\$26,949	\$0	
7- Eqpt	ACCOUNTING COMPUTER	10/31/2004	5	\$1,363	\$1,970	\$1,970	\$0	
7- Eqpt	BILLING SERVICE-COMP SEAGATE DRIVES	7/31/2004	5	\$1,091	\$1,576	\$1,576	\$0	
7- Eqpt	OFFICE FURN NEW BUILDING	7/1/2005	10	\$41,583	\$57,410	\$57,410	\$0	
7- Eqpt	INTEL P4 COMPUTER	9/1/2005	5	\$3,196	\$4,413	\$4,413	\$0	
7- Eqpt	DELL COMPUTER - SERVER	6/30/2006	5	\$2,776	\$3,682	\$3,682	\$0	
7- Eqpt	US NETCOM CORP-DIALER	6/30/2006	5	\$5,241	\$6,952	\$6,952	\$0	
7- Eqpt	Breathing Unit	4/30/1992	7	\$1,751	\$3,611	\$3,611	\$0	
7- Eqpt	Light Tower (40%)	4/13/2000	9	\$2,220	\$3,668	\$3,668	\$0	
7- Eqpt	Document Imaging Sys (1/2)	12/16/2002	7	\$17,554	\$27,601	\$27,601	\$0	
7- Eqpt	Storage containers plant	10/18/2005	5	\$5,400	\$7,455	\$7,455	\$0	
7- Eqpt	Utility Billing Software Upgrade	2/16/1999	5	\$2,514	\$4,266	\$4,266	\$0	
7- Eqpt	Document Imaging Sys (1/2)	12/16/2002	7	\$17,554	\$27,601	\$27,601	\$0	
7- Eqpt	TRG - Pentium3 Server	8/31/2002	5	\$4,437	\$6,976	\$6,976	\$0	
7- Eqpt	Tran-Pentium4 (Allison)	3/14/2003	5	\$1,850	\$2,841	\$2,841	\$0	
7- Eqpt	GREENTREE-LAP TOP	10/31/2005	5	\$2,500	\$3,452	\$3,452	\$0	
7- Eqpt	McCLURE - SERVER COMPUTER	10/31/2005	5	\$2,190	\$3,023	\$3,023	\$0	
7- Eqpt	DELL INSP 6000(SCADA LAPTOP)	4/28/2006	5	\$1,229	\$1,630	\$1,630	\$0	
7- Eqpt	DIST MASTER PLAN BOOK	6/30/2006	5	\$15,468	\$20,514	\$20,514	\$0	
7- Eqpt	2004 Ford F-350 D	8/10/2004	7	\$22,884	\$33,063	\$33,063	\$0	
7- Eqpt	2004 Ford F-350 D	8/10/2004	7	\$22,884	\$33,063	\$33,063	\$0	
7- Eqpt	2-Toyota 2007 Trks	7/1/2007	7	\$15,653	\$20,199	\$20,199	\$0	
7- Eqpt		7/1/2007	7	\$22,422	\$28,935	\$28,935	\$0	
7- Eqpt	TOYOTA TRK 2008	7/1/2008	7	\$23,204	\$28,705	\$28,705	\$0	
8- Room	Storage Container	1/1/1996	15	\$2,696	\$4,931	\$4,931	\$0	
9- Off	Window Blinds Installed	8/4/2000	5	\$666	\$1,101	\$1,101	\$0	
9- Off	Office Building Awnings	1/1/2001	10	\$2,099	\$3,401	\$3,401	\$0	
9- Off	Gate & Entrance Imprs (1/2)	1/29/2003	10	\$11,171	\$17,155	\$17,155	\$0	
9- Off	Sign Light (1/2)	10/20/2003	10	\$296	\$454	\$454	\$0	
9- Off	Gate & Entrance Imprs (1/2)	1/29/2003	10	\$11,171	\$17,155	\$17,155	\$0	
9- Off	Sign Light (1/2)	10/20/2003	10	\$296	\$454	\$454	\$0	
1- Land	Sale of 12.05 ac of item #4(*)	8/25/2006	0	(\$77,841)	(\$77,841)	\$0	(\$77,841)	
				Total Assets	\$2,422,359	\$3,212,753	\$1,335,810	\$1,876,942

APPENDIX C – WASTEWATER REPLACEMENT COST VALUE

Table C-1: Wastewater Asset Listing & RC less Depreciation Calculation

Asset Type	Asset Description	Acquisition Date	Estimated Life	Original Cost [A]	Replacement Cost [A*10,280/Original CCI] [B]	RC Depreciation [C]	RCLD [C-B]
2- WWRF	Wastewater Rec. Plant	1/1/1992	25	\$11,079,754	\$22,848,521	\$21,020,639	\$1,827,882
4- Mains	Phase 1b Sewerline	12/6/1992	50	\$1,556,286	\$3,209,352	\$1,476,302	\$1,733,050
2- WWRF	EQ WW Treatment	6/30/2014	40	\$571,990	\$599,639	\$14,991	\$584,648
2- WWRF	Sycamore Sewage Lift Station	6/11/2004	40	\$836,636	\$1,208,801	\$332,420	\$876,381
6- ID Sew	Butterfield - ID1	7/1/1990	30	\$515,355	\$1,119,579	\$932,982	\$186,596
7- Eqpt	BAR SCREEN PLT	6/30/2009	10	\$290,146	\$348,040	\$208,824	\$139,216
7- Eqpt	SEWER PUMP STATION-LEROY RD	6/30/2011	40	\$118,870	\$134,728	\$13,473	\$121,255
1- Land	Butterfield - ID1	7/1/1990	0	\$57,505	\$94,343	\$0	\$94,343
6- ID Sew	Contributed - ID2 Disp Sys	10/1/1990	30	\$204,950	\$445,242	\$371,035	\$74,207
1- Land	WWRF Adjacent Parcel	1/1/1997	0	\$43,253	\$61,776	\$0	\$61,776
2- WWRF	2 RPLC AIR ACUATORS	6/30/2012	10	\$64,313	\$71,006	\$21,302	\$49,704
2- WWRF	SLUDGE DRYING BED MOD.	11/30/2011	7	\$101,432	\$114,964	\$65,694	\$49,270
2- WWRF	2 MOTIVE PUMPS SBR 5 & 6	6/30/2013	7	\$59,400	\$63,961	\$18,274	\$45,686
1- Land	Contributed - ID2	1/10/1990	0	\$25,000	\$41,015	\$0	\$41,015
1- Land	Contributed - ID1	1/1/1984	0	\$16,000	\$29,561	\$0	\$29,561
2- WWRF	2 EXCELSIOR BLOWERS	6/30/2013	7	\$37,062	\$39,907	\$11,402	\$28,505
6- ID Sew	Conversion costs-pump station	6/30/2008	10	\$63,656	\$78,747	\$55,123	\$23,624
6- ID Sew	Conversion costs-gravity feed to plt	6/30/2009	10	\$48,706	\$58,425	\$35,055	\$23,370
2- WWRF	PUMPS-CLEANOUT	6/30/2011	7	\$45,974	\$52,107	\$29,776	\$22,332
6- ID Sew	Conversion costs-gravity feed to plt	6/30/2008	10	\$54,861	\$67,867	\$47,507	\$20,360
2- WWRF	CHEMICAL TANK	9/30/2014	7	\$20,400	\$21,386	\$3,055	\$18,331
7- Eqpt	SCADA SYSTEM	6/30/2007	10	\$70,571	\$91,070	\$72,856	\$18,214
2- WWRF	INFLUENT PUMP	6/30/2011	7	\$35,200	\$39,896	\$22,798	\$17,098
2- WWRF	Hypochlorite System	12/31/1998	20	\$63,616	\$110,468	\$93,898	\$16,570
2- WWRF	PLANT DRYING BEDS	6/30/2009	7	\$83,861	\$100,594	\$86,223	\$14,371
7- Eqpt	SLUDGE DUMP TRAILER	6/30/2013	7	\$18,000	\$19,382	\$5,538	\$13,844
2- WWRF	SBR OVERFLOW PUMP	6/30/2011	7	\$28,319	\$32,097	\$18,341	\$13,756
2- WWRF	INSTURMENT UPGRADE PLANT	6/30/2011	10	\$11,524	\$13,061	\$5,224	\$7,837
7- Eqpt	BAR SCREEN PLATFORM (NEW)	6/30/2010	7	\$20,736	\$24,218	\$17,298	\$6,919
6- ID Sew	Sludge Pump Station	12/1/2002	30	\$6,639	\$10,438	\$4,523	\$5,915
2- WWRF	FENCING-EAST SIDE OF PLANT	6/30/2011	10	\$8,000	\$9,067	\$3,627	\$5,440
7- Eqpt	FORK LIFT	9/4/2012	7	\$6,500	\$7,176	\$3,076	\$4,101
2- WWRF	FEB Flow Meter	2/22/1999	20	\$4,549	\$7,717	\$6,174	\$1,543
2- WWRF	FEB/Influent Pump Modifications	1/1/1997	20	\$8,200	\$14,469	\$13,022	\$1,447
7- Eqpt	DUMP TRK - USED	6/30/2009	7	\$5,000	\$5,998	\$5,141	\$857
2- WWRF	Add'l SBR Impeller - counterclock	1/1/1997	20	\$4,700	\$8,292	\$7,463	\$829
6- ID Sew	Conversion costs-pump station	6/30/2009	10	\$1,224	\$1,468	\$881	\$587
7- Eqpt	Sewer System Eng.Model	1/31/1997	7	\$25,410	\$44,836	\$44,836	\$0
7- Eqpt	Syc Canyon Std By Pump & Trailer	12/9/2004	10	\$64,162	\$92,703	\$92,703	\$0
2- WWRF	Influent Sampler	1/1/1993	10	\$1,519	\$2,998	\$2,998	\$0
2- WWRF	Generator Fuel Tank-650 gal	1/1/1994	20	\$10,414	\$19,796	\$19,796	\$0
2- WWRF	Pulsar EX 20 & 7 Power Systems	9/14/1998	5	\$1,881	\$3,267	\$3,267	\$0
6- ID Sew	Contributed - ID1 Plant	1/1/1984	8	\$200,080	\$496,098	\$496,098	\$0
6- ID Sew	Contributed - ID1 Disp Sys	1/1/1984	30	\$72,790	\$180,483	\$180,483	\$0
6- ID Sew	Phone Auto Dialer	1/1/1994	7	\$1,018	\$1,935	\$1,935	\$0
6- ID Sew	Roots 33 URAI Blower	1/1/1994	7	\$5,577	\$10,602	\$10,602	\$0
6- ID Sew	Generator Trailer	1/1/1995	10	\$998	\$1,874	\$1,874	\$0
6- ID Sew	Generator	1/1/1995	10	\$3,852	\$7,238	\$7,238	\$0
6- ID Sew	Gen. Trailer Upgrade	1/1/1996	9	\$1,000	\$1,829	\$1,829	\$0

February 23, 2017

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – January 2017

Dear Board Members:

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

- Managed 142.11 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 5265 water meters.
- Maintained aesthetic appearance of all District facilities.
- 31 shut-offs.
- Responded 145 service calls.
- Installed 0 meters for the various developers
- Responded to 46 USA Dig Alerts to mark District underground utilities.

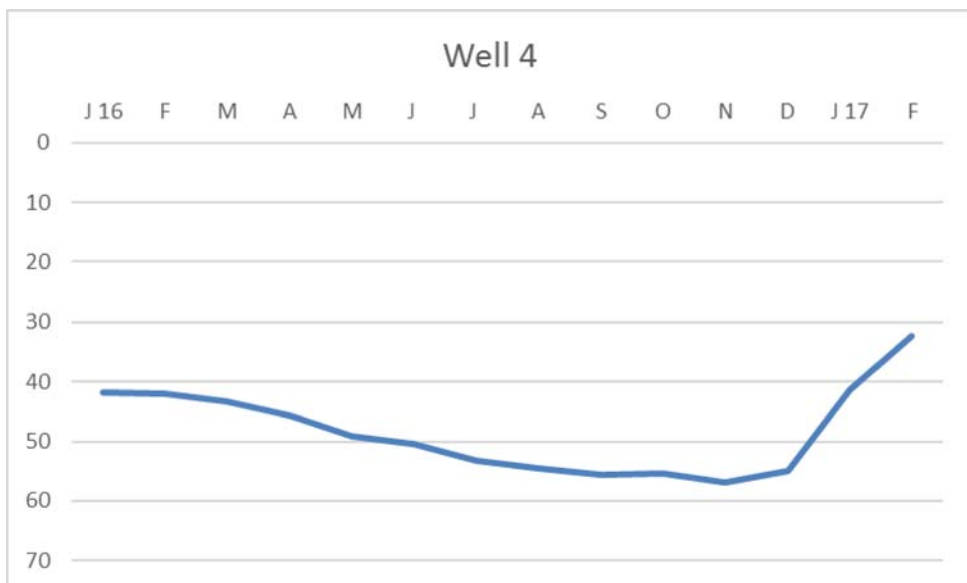
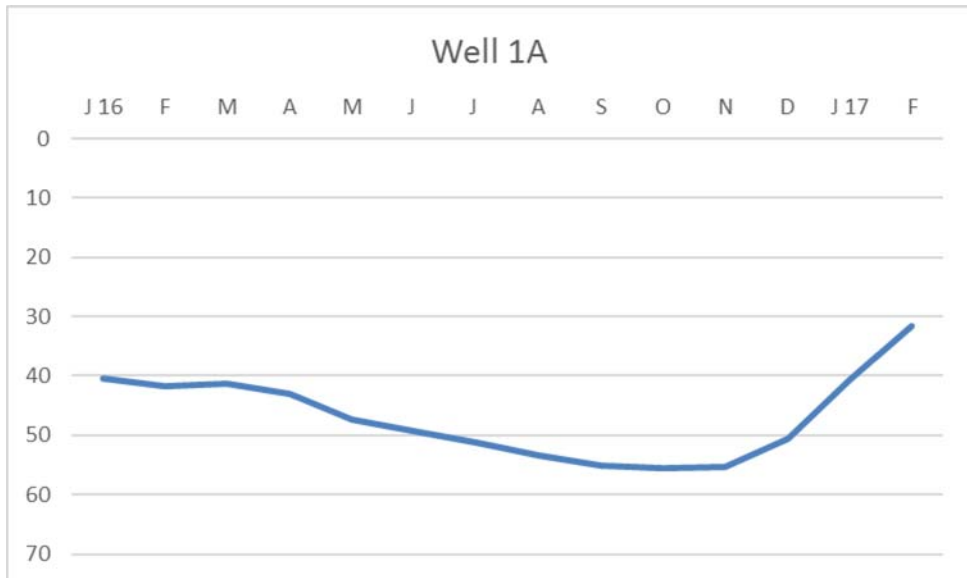
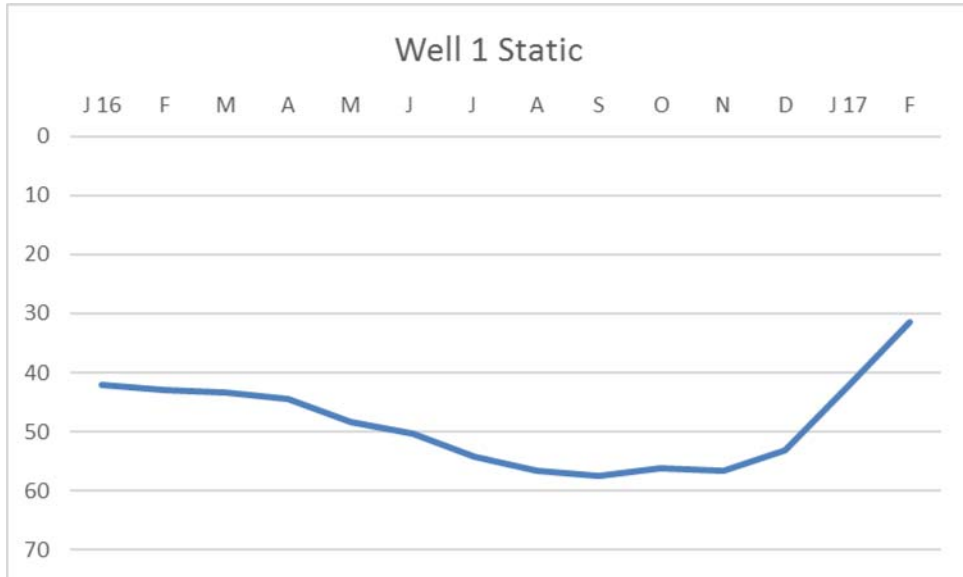
In addition to the above regular and routine tasks we also performed the following operational tasks.

- Upgrade of Sycamore Creek potable water booster pump station, provided by Terramor development, is complete.
- Filling all reservoirs to the maximum in anticipation of a planned shut down by MWD.
- Reworked the drainage in our easement in alley way off Knabe road to mitigate damage to our pipeline and a wash out of slope into neighboring properties.
- Responded to a call-out from Riverside County to repair a sink hole on Temescal Canyon road during a heavy rain event. It was determined that the sink hole was not caused by the District underground utility. Repair was made by others.
- Submitted January report to the State Water Resources Control Board via CWIQS.

Sincerely,

Kenneth R. Caldwell, Operations Superintendent

14 month data of wells 1A, 4, and static. All measurements are from ground level to water surface. Top of each chart (0) is ground level.



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: February 22, 2017
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of February 2017

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) – Engineering review previously completed, currently under construction.

Terramor Water, Sewer, & RW Improvements In-Tract Laterals (8773) – Engineering review of tracts 36593, 36593-1/6 previously completed, currently under construction.

Terramor Regional Sewer LS (8957) – Engineering review completed, currently under construction.

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

TVWD Water Reclamation Facility Expansion (9830) – Currently reviewing PDR and 30% plans developed by Dexter Wilson Engineering. Review includes coordination of process modifications with operations staff.

CAPITAL IMPROVEMENT PROJECTS

Provided a proposal to develop a siting study and preliminary engineering report for a new 1320 zone reservoir. Proposal under review by District's General Manager and Board of Directors.

AS-NEEDED ENGINEERING SERVICES

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

Phase 1603: Wastewater Related Services for FY 2016/17. No engineering activity this month.

Phase 1604: Potable Water Related Services for FY 2016/17. Prepare District Engineer's report.

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

Phase 1606: Wastewater Mapping Updates for FY 2016/17. Integration of new facilities into District GIS for development of new District maps.

Phase 1607: Potable Water Mapping Updates for FY 2016/17. Integration of new facilities into District GIS for development of new District maps.