

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
FEBRUARY 25, 2020, 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 before February 22, 2020.

Allison Harnden, Office Manager

AGENDA FOR REGULAR MEETING
February 25, 2020

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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 28, 2020 Regular Meeting.** **6-9**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **10-14**
RECOMMENDATION: Approve Report and authorize payment of the January 28 - February 25, 2020 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** **15-32**
 - a. Revenue & Expenditure Reports.
RECOMMENDATION: Note and file.
 - b. Lien update. **33**
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. 1713 houses occupied to date. 99% complete.

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9. Retreat Development.	(-)
a. Project Update.	
10. Terramor Development (Forestar Toscana).	
a. Project Update.	(-)
b. 1443 homes to be built. 417 houses occupied to date. 29% complete.	
11. Harmony Grove (Griffin Homes).	(-)
a. Project Update.	
b. 50 homes to be built. 24 houses released to date.	
12. Water Utilization Reports.	34-46
RECOMMENDATION: Note and file.	
13. Sustainable Groundwater Management Act.	(-)
a. Project Update.	
14. Committee Reports.	
a. Finance/Legislation (Director Rodriguez).	(-)
b. Engineering/Operations (Director Myers).	(-)
c. Public Relations (Allison Harnden).	(-)
15. General Manager's Report.	
a. General Manager's Report.	47
c. Solar Ready Carports.	48-53
RECOMMENDATION: To be made by the Board.	& to be distributed
d. Financial Plan Update and Presentation by IB Consulting Inc.	54-62
RECOMMENDATION: To be made by the Board.	

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e. Second Amendment to Potable Water, Sanitary Sewer and Non-Potable Water Facilities and Services Agreement (Toscana). RECOMMENDATION: Authorize the General Manager to execute subject to minor corrections or as directed by the Board.	Distributed via email
16. Operations Report. a. Water and Sewer Operations.	63-64
17. District Engineer's Report. a. Status of Projects.	65-66
18. District Counsel's Report.	(-)
19. Seminars/Workshops.	(-)
20. Consideration of Correspondence. An informational package containing copies of all pertinent correspondence for the Month of January will be distributed to each Director along with the Agenda.	67
21. Adjournment.	(-)

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

January 28, 2020

PRESENT

C. Colladay
P. Rodriguez
J. Butler
D. Harich

ABSENT

F. Myers

GUESTS

J. Watson
J. Watson
T. Davis

STAFF

J. Pape
A. Harnden
M. McCullough
J. Scheidel
P. Bishop
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 – Tracy Davis reported on planting acorns at Seven Oaks Nursery.

BOARD ITEMS:

4. Minutes of the December 17, 2019 Regular Meeting.

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

5. Payment Authorization Report.

ACTION: Director Rodriguez moved to approve the December 17, 2019-January 28, 2020 invoices. Director Harich seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: Note and file.

The Board asked staff to include an EVMWD summary of use to the package next month.

b. Lien update.

ACTION: 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. 1699 houses occupied to date. 98% complete.
9. **Retreat Development.**
 - a. Project Update.
10. **Terramor Development (Forestar Toscana).**
 - a. Project Update.
 - b. 1443 homes to be built. 402 houses occupied to date. 28% complete.
11. **Harmony Grove (Griffin Homes).**
 - a. Project Update.
 - b. 50 estimated homes to be built. 18 houses released to date.
12. **Water Utilization Reports.**

ACTION: Note and file.
13. **Sustainable Groundwater Management Act.**
 - a. Project Update.
14. **Committee Reports.**
 - a. Finance/Legislative (Director Rodriguez) – Director Rodriguez reported on the January 16th meeting with Jeff.
 - b. Engineering/Operations (Director Myers).
 - c. Public Relations (Allison Harnden) – Allison reported that the Board must complete Ethics training online by March 15th and that Conflict of Interest Form 700 will be distributed at the next meeting.

15. General Manager's Report.

a. General Manager's Report – The General Manager reported on current projects.

b. Pacific Hydrotech Corporation Payment Request #2.

ACTION: Director Rodriguez moved to authorize the payment of \$288,971.00 to Pacific Hydrotech, as well as a retention payment of \$15,209.00 into escrow for a total of \$304,180.00. Director Butler seconded. Motion carried unanimously.

c. Baja Construction Solar Ready Carports.

ACTION: This item was tabled for review by an ad hoc committee of Director Rodriguez and Director Myers.

16. Operations Report.

a. Water and sewer operations.

17. District Engineer's Report.

a. Status of Projects.

18. District Counsel's Report.**19. Seminars/Workshops.****20. Consideration of Correspondence.**

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

21. Adjournment.

There being no further business, the January 28, 2020 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 10:16 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 FEBRUARY 25, 2020

Check #	Date	Payee ID	Payee	Amount	
23578	1/24/20	AD	PAYROLL	-	
23579	1/24/20	BE	PAYROLL	-	
23580	1/24/20	CG	PAYROLL	-	
23581	1/24/20	CL	PAYROLL	-	
23582	1/24/20	CO	CHARLES W. COLLADAY	301.07	
23583	1/24/20	DB	PAYROLL	-	
23584	1/24/20	DH	DAVID HARICH	243.87	
23585	1/24/20	JB	JOHN B. BUTLER	246.37	
23586	1/24/20	JH	PAYROLL	-	
23587	1/24/20	KN	PAYROLL	-	
23588	1/24/20	LK	PAYROLL	-	
23589	1/24/20	MM	PAYROLL	-	
23590	1/24/20	PB	PAYROLL	-	
23591	1/24/20	RO	PAUL RODRIGUEZ	246.37	
23592	1/24/20	JH	PAYROLL	-	
23593	1/24/20		EDUARDO LOPEZ	100.00	
23594	1/24/20	BT	BT PIPELINE INC.	750.00	
23595	1/24/20	CE01	CENTRAL COMMUNICATIONS	91.50	
23596	1/24/20	CIC	CRAWFORD INLAND COMPRESSOR	375.00	
23597	1/24/20	CM01	CORE & MAIN	2,974.83	2" METERS
23598	1/24/20	deg	DOUGLAS ENVIRONMENTAL GROUP	9,340.38	CHLORINE ANALYZER
23599	1/24/20	DHWS	D&H WATER SYSTEMS	430.58	
23600	1/24/20	DPCI	DON PETERSON CONTRACTING, INC.	1,841.00	
23601	1/24/20	EW01	EWING IRRIGATION PRODUCTS	477.84	
23602	1/24/20	GR02	GRAINGER INC.	37.55	
23603	1/24/20	HWS	HYDROCURRENT WELL SERVICES LLC	6,094.97	CAP-WELL REFUR -1/2
23604	1/24/20	MH01	MCFADDEN-DALE HARDWARE CO.	112.60	
23605	1/24/20	MITI	MORR-IS TESTED IN	2,080.00	
23606	1/24/20	NC	NORTHSTAR CHEMICAL	13,026.60	BULK CHEM
23607	1/24/20	PLM01	PARRA LANDSCAPE MAINTENANCE	3,177.00	
23608	1/24/20	PR11	PRESS ENTERPRISE-CIRCULATION	443.38	
23609	1/24/20	SU	SULZER	1,428.49	
23610	1/24/20	UBB	USA BLUEBOOK	5,077.88	
23611	1/24/20	UPG	UNITED POWER GENERATION	3,043.79	
23612	1/24/20	USA	UTILITY SERVICES ASSOCIATES	6,095.00	LEAK DETECTION
23613	1/24/20	WE01	WESTERN MUNICIPAL WATER DISTR.	1,106.16	
23614	1/24/20	REFUND	AARON WICKARD	62.83	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 FEBRUARY 25, 2020

Check #	Date	Payee ID	Payee	Amount
23615	1/24/20	REFUND	FORESTAR TOSCANA DEV	1,074.84
23616	1/24/20	REFUND	KERRY DROST	87.49
23617	1/24/20	REFUND	CHARLES LEE-JOHNSON	525.70
23618	1/24/20	REFUND	FORESTAR TOSCANA DEV	1,074.84
23619	1/24/20	REFUND	FORESTAR TOSCANA DEV	1,074.84
23620	1/24/20	REFUND	SHARANA HARRIS	92.26
23621	1/24/20	REFUND	WILLIAM MCFARLAND	496.83
23622	1/24/20	REFUND	FORESTAR TOCANA DEV	1,074.84
23623	1/24/20	REFUND	ROGER BARRETT	205.66
23624	1/24/20	REFUND	FORESTAR TOSCANA DEV	2,041.46
23625	1/24/20	REFUND	MONICA POLLITT	239.44
23626	1/24/20	REFUND	JASON NAVARRETTE	59.95
23627	1/24/20	REFUND	NINFA ALVAREZ	142.30
23628	1/24/20	REFUND	VIVIANA GONZALEZ	184.15
23629	1/24/20	REFUND	AHMAD SAFAA	93.82
23630	1/24/20	REFUND	QUADRATULLAH NOORI	176.69
23631	1/24/20	REFUND	VANESSA BAIN	108.12
23632-23659	1/24/20		VOID	-
23660	2/7/20	AD	PAYROLL	-
23661	2/7/20	BE	PAYROLL	-
23662	2/7/20	CG	PAYROLL	-
23663	2/7/20	CL	PAYROLL	-
23664	2/7/20	DB	PAYROLL	-
23665	2/7/20	JH	PAYROLL	-
23666	2/7/20	KN	PAYROLL	-
23667	2/7/20	LK	PAYROLL	-
23668	2/7/20	MM	PAYROLL	-
23669	2/7/20	PB	PAYROLL	-
23670	2/7/20	FI01	FIDELITY INVESTMENTS	700.00
23671	2/7/20	FI01	FIDELITY INVESTMENTS	911.39
23672	2/7/20	FI01	FIDELITY INVESTMENTS	747.00
23673	2/7/20	FI01	FIDELITY INVESTMENTS	700.00
23674	2/7/20		EDUARDO LOPEZ-TRUCK MAINT	80.00
23675	2/12/20	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	5,528.05
23676	2/12/20	ATT01	AT&T	324.90
23677	2/12/20	BA01	BABCOCK LABORATORIES, INC	3,110.00
23678	2/12/20	CAMWC	CALIFORNIA ASSOCIATIONS OF MUTUAL WATER	500.00

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 FEBRUARY 25, 2020

Check #	Date	Payee ID	Payee	Amount	
23679	2/12/20	CFP	CINTAS FIRE PROTECTION	1,485.36	
23680	2/12/20	DSC	DATABASE SYSTEMS CORP.	224.68	
23681	2/12/20	ECS	ECS IMAGING INC	3,743.00	SCANNING SUPPORT/UPDATE
23682	2/12/20	GMDM	GUTIRREZ MAINTENANCE/ DANIEL GUTIERREZ	350.00	
23683	2/12/20	HES	HOLLOWAY ENVIRONMENTAL SOLUTIONS	11,834.55	HAUL SLUDGE
23684	2/12/20	HO01	HOME DEPOT CREDIT SERVICES	1,708.78	
23685	2/12/20	HWS	HYDROCURRENT WELL SERVICES LLC	6,094.97	CAP-WELL REFUR-1/2
23686	2/12/20	IW	ICONIX WATERWORKS INC	5,895.44	14" GATE VALVE
23687	2/12/20	Maxim	MAXIM SECURITY SERVICES	1,862.00	
23688	2/12/20	NC	NORTHSTAR CHEMICAL	6,186.21	
23689	2/12/20	RDO01	RDO EQUIPMENT	192.84	
23690	2/12/20	RMAG	RMA GROUP	5,720.00	CAP-PLT EXPAN
23691	2/12/20	SAWPA	SANTA ANA WATERSHED PROJECT AUTHORITY	3,077.00	
23692	2/12/20	SEMA	SEMA INC.	1,000.08	
23693	2/12/20	SO03	SOUTHERN CALIF EDISON CO.	32,143.79	
23694	2/12/20	ST01	STAPLES CREDIT PLAN	178.56	
23695	2/12/20	UN01	UNDERGROUND SERVICE ALERT	126.07	
23696	2/12/20	VPB	VOGEL'S PLUMBING & BACKFLOW	55.00	
23697	2/12/20	WA01	WASTE MANAGEMENT - INLAND EMPIRE	285.22	
23698	2/12/20	WE01	WESTERN MUNICIPAL WATER DISTR.	13,704.00	
23699	2/12/20	WTFC	WILMINGTON TRUST FEE COLLECTIONS	1,500.00	
23700	2/12/20		EDUARDO LOPEZ-TRK MAINT	80.00	
23701	2/21/20	AD	PAYROLL	-	
23702	2/21/20	BE	PAYROLL	-	
23703	2/21/20	CG	PAYROLL	-	
23704	2/21/20	CL	PAYROLL	-	
23705	2/21/20	CO	CHARLES W. COLLADAY	301.07	
23706	2/21/20	DB	PAYROLL	-	
23707	2/21/20	FM	FRED H. MYERS	243.87	
23708	2/21/20	JB	JOHN B. BUTLER	246.37	
23709	2/21/20	JH	PAYROLL	-	
23710	2/21/20	KN	PAYROLL	-	
23711	2/21/20	LK	PAYROLL	-	
23712	2/21/20	MM	PAYROLL	-	
23713	2/21/20	PB	PAYROLL	-	
23714	2/21/20	RO	PAUL RODRIGUEZ	246.37	
23715	2/21/20	AS01	ASJ INDUSTRIAL HOSE & FITTING INC.	612.82	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 FEBRUARY 25, 2020

Check #	Date	Payee ID	Payee	Amount	
23716	2/21/20	ATTM	AT & T MOBILITY	677.84	
23717	2/21/20	BA01	BABCOCK LABORATORIES, INC	51.31	
23718	2/21/20	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,374.69	
23719	2/21/20	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
23720	2/21/20	CEDI	CONSOLIDATED ELECTRICAL DISTRIBUTORS IN	83.69	
23721	2/21/20	CM01	CORE & MAIN	9,145.17	4" CLA VAL\2" METERS
23722	2/21/20	deg	DOUGLAS ENVIRONMENTAL GROUP	1,655.00	
23723	2/21/20	DPCI	DON PETERSON CONTRACTING, INC.	2,569.00	
23724	2/21/20	DU02	DUDEK & ASSOCIATES-SPECIAL PROJECTS	2,800.00	
23725	2/21/20	DU03	DUDEK & ASSOCIATES-PASS THRU	2,705.00	
23726	2/21/20	DU04	DUDEK & ASSOCIATES-ENGINEERING	20,051.09	EMER AG LINE\TRILOGY RES\KNABE LINE
23727	2/21/20	DWEI	DEXTER WILSON ENGINEERING INC	12,978.13	
23728	2/21/20	EASI	ENGINEERED AIR SERVICES, INC.	262.50	
23729	2/21/20	GI	GORM INC.	205.35	
23730	2/21/20	ICL	IB CONSULTING, LLC	3,900.00	
23731	2/21/20	MCCO	MUROW CM	31,651.25	CAP-PLT EXPAN
23732	2/21/20	MH01	MCFADDEN-DALE HARDWARE CO.	179.50	
23733	2/21/20	MITI	MORR-IS TESTED IN	900.00	
23734	2/21/20	PLM01	PARRA LANDSCAPE MAINTENANCE	998.50	
23735	2/21/20	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	3,043.81	
23736	2/21/20	ST02	STATE COMPENSATION INSUR.FUND	2,281.25	
23737	2/21/20	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	3,150.00	
23738	2/21/20	TWC	SPECTRUM BUSINESS	1,023.09	
23739	2/21/20	UBB	USA BLUEBOOK	341.40	
23740	2/21/20	WA01	WASTE MANAGEMENT - INLAND EMPIRE	730.53	
23741	2/21/20	WE01	WESTERN MUNICIPAL WATER DISTR.	182,269.43	
23742	2/21/20	XI	XALOGY INC	3,435.25	
23743	2/21/20	USB01	US BANK GOVERNMENT SERVICES	1,465.43	
Total				<u>\$ 474,585.89</u>	

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT
FEBRUARY 25, 2020

Check #	Date	Payee ID	Payee	Amount
THESE INVOICES ARE SUBMITTED TO THE TEMESCAL VALLEY BOARD OF DIRECTORS FOR APPROVAL AND AUTHORIZATION FOR PAYMENT				
<i>Mel McCullough - Finance Manager</i>				
Mel McCullough - Finance Manager				
2/25/2020				
Date				

TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
31-Jan-20

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			13,396,031
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,531,531
Water & Sewer Mains			31,268,334
General Equipment Sewer/Water/ Furniture			678,695
Buildings & Entrance Improvements			349,249
			\$ 68,629,596
Current Assets			
Cash - Wastewater	11,553,109		
Cash - Water	13,604,406		
Cash - ID #1	626,304		
Cash - ID #2	356,730		
Cash - Nonpotable	3,005,537		
Cash - Deposits	4,290,816		33,436,902
Accounts Receivable-Services/Developers			690,949
Assessment Receivable			71,071
Interest Receivable			38,135
Prepaid Expenses			16,978
Inventory			50,459
			34,304,494
Other Assets			
Work-in-Process			653,661
Deferred Outflows - Pension		\$	197,154
TOTAL ASSETS			\$ 103,784,905

LIABILITIES

Current Liabilities			
Accounts Payable		\$	315,053
Security Deposits			243,727
Payroll & Payroll Taxes Payable			38,972
Capacity & Meter Deposits			105,030
Fiduciary Payments Payable			3,514,474
Developer Deposits			344,042
Other Deposits			83,543
			4,644,841
Long-term Liabilities			
TVRP Note			1,152,458
Deferred Inflows - Pension			83,543
TOTAL LIABILITIES			\$ 5,880,842

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			34,926,237
Water Fund Balance			48,315,893
ID #1 Fund Balance			619,869
ID #2 Fund Balance			540,192
Recycled Water Fund Balance			13,501,873
TOTAL FUND EQUITY			\$ 97,904,063
TOTAL LIABILITIES & FUND EQUITY			\$ 103,784,905

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	203,845	206,250	(2,405)	1,420,672	1,443,750	(23,078)	\$ 2,475,000	(1,054,328)
MONTHLY SERVICE CHARGE-ID #1	10,766	10,766	-	75,365	75,365	-	137,000	(61,635)
MONTHLY SERVICE CHARGE-ID #2	12,178	12,178	-	85,249	85,249	-	155,000	(69,751)
MONTHLY SEWER SERVICE CHG-R COM	9,868	9,583	285	66,039	67,081	(1,042)	115,000	(48,961)
MISC UTILITY CHARGES/ REVENUE	72	417	(345)	613	2,919	(2,306)	5,000	(4,387)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	10,000	10,000	-	20,000	(10,000)
INSPECTION CHARGES	2,750	4,167	(1,417)	24,264	29,169	(4,905)	50,000	(25,736)
TOTAL WASTEWATER REVENUE	239,479	243,361	(3,882)	1,682,202	1,713,533	(31,331)	3,067,000	(1,384,798)
OPERATING EXPENSES:								
PLANT WAGES EXPENSE	10,121	10,592	(471)	77,116	77,908	(792)	150,700	(73,584)
INSPECTION WAGES EXPENSE	2,631	2,615	16	20,114	21,200	(1,086)	34,000	(13,886)
PAYROLL TAXES EXP	412	231	181	1,788	1,750	38	3,000	(1,212)
EMPLOYEE BENEFITS-INS	883	900	(17)	6,546	6,650	(104)	18,250	(11,704)
EMPLOYEE BENEFITS-RETIREMENT	1,203	1,480	(277)	8,288	8,780	(492)	20,200	(11,912)
OVERTIME EXP	3,662	833	2,829	18,142	5,831	12,311	10,000	8,142
MILEAGE EXP	106	100	6	652	700	(48)	1,200	(548)
VACATION EXP	624	742	(118)	4,369	5,194	(825)	8,900	(4,531)
ELECTRICIAN LABOR COSTS	-	417	(417)	-	3,919	(3,919)	5,000	(5,000)
SCADA SYSTEM ADMIN/MAINT	-	833	(833)	3,696	5,831	(2,135)	10,000	(6,304)
LABORATORY TESTING COSTS	-	1,833	(1,833)	9,693	12,831	(3,138)	22,000	(12,307)
SLUDGE DISPOSAL/PUMPING COSTS	12,850	4,167	8,683	32,148	29,169	2,979	50,000	(17,852)
SLUDGE DISPOSAL BAG EXP	-	-	-	18,102	25,000	(6,898)	25,000	(6,898)
SLUDGE CHEMICAL EXP	-	2,917	(2,917)	-	20,419	(20,419)	35,000	(35,000)
EQUIPMENT RENTAL COSTS	-	167	(167)	-	1,169	(1,169)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	16,482	16,667	(185)	152,074	116,669	35,405	200,000	(47,926)
SEWER LINE REPAIRS/CLEANING	-	833	(833)	-	5,831	(5,831)	10,000	(10,000)
SEWER CLEANING AND VIDEO EXP	2,980	833	2,147	39,360	5,831	33,529	10,000	29,360
SECURITY AND ALARM EXP	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
PROPERTY MAINTENANCE	5,905	6,300	(395)	21,938	23,331	(1,393)	40,000	(18,062)
ENGINEERING/ADMIN. STUDIES	-	1,667	(1,667)	8,855	11,669	(2,814)	20,000	(11,145)
ENERGY COSTS	13,698	17,500	(3,802)	139,179	122,500	16,679	210,000	(70,821)
CONSUMABLE SUPPLIES & CLEANING	683	833	(150)	3,644	5,831	(2,187)	10,000	(6,356)
CHEMICALS, LUBRICANTS & FUELS	7,868	8,333	(465)	103,917	58,331	45,586	100,000	3,917
SMALL EQUIPMENT & TOOLS COST	454	1,250	(796)	18,055	8,750	9,305	15,000	3,055
PERMITS, FEES & TAXES (WTR BRD FEE)	-	2,083	(2,083)	14,219	14,581	(362)	25,000	(10,781)
SAWPA BASIN MONITORING EXP	-	-	-	14,165	25,000	(10,835)	25,000	(10,835)
MAP UPDATING/GIS EXP	-	167	(167)	-	1,169	(1,169)	2,000	(2,000)
MISC. OPERATING EXP	-	83	(83)	-	581	(581)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONTINGENCIES	-	3,423	(3,423)	-	23,961	(23,961)	41,075	(41,075)
TOTAL OPERATING EXPENSES	80,562	88,049	(7,487)	716,060	652,136	63,924	1,108,825	(392,765)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	10,478	10,500	(22)	57,974	59,500	(1,526)	102,000	(44,026)
GENERAL ENGINEERING EXP	-	1,250	(1,250)	7,497	18,750	(11,253)	15,000	(7,503)
EMPLOYEE BENEFITS-INS	1,136	1,642	(506)	7,715	8,500	(785)	19,700	(11,985)
EMPLOYEE BENEFITS-RETIREMENT	2,023	2,042	(19)	14,443	14,294	149	24,500	(10,057)
ANNUAL ASSESSMENT EXP	-	-	-	2,842	5,000	(2,158)	5,000	(2,158)
PLAN CHECK & INSPECTION EXP	-	833	(833)	-	5,831	(5,831)	10,000	(10,000)
WAGES EXPENSE	12,153	13,462	(1,309)	92,479	100,964	(8,485)	175,000	(82,521)
VACATION EXP	797	1,027	(230)	5,580	7,189	(1,609)	12,320	(6,740)
PAYROLL TAX EXPENSES	349	215	134	1,718	1,505	213	2,800	(1,082)
OVERTIME EXP	-	83	(83)	-	581	(581)	1,000	(1,000)
MILEAGE EXP ADMIN	-	42	(42)	-	294	(294)	500	(500)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	-	833	(833)	1,300	5,831	(4,531)	10,000	(8,700)
AUDIT EXPENSES	-	-	-	-	-	-	5,700	(5,700)
BOARD COMMITTEE MEETING EXP.	570	1,000	(430)	4,699	7,000	(2,301)	12,000	(7,301)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	4,000	(4,000)
COMPUTER SYSTEM ADMIN	1,374	1,500	(126)	9,922	10,500	(578)	18,000	(8,078)
BANK CHARGES EXP	2,124	2,083	41	16,656	14,581	2,075	25,000	(8,344)
MISCELLANEOUS & EDUCATION EXP	-	250	(250)	1,393	1,750	(357)	3,000	(1,607)
TELEPHONE, FAX & CELL EXP	1,663	1,000	663	9,789	7,000	2,789	12,000	(2,211)
OFFICE SUPPLIES EXP	1,791	1,250	541	9,143	8,750	393	15,000	(5,857)
PRINTING EXPENSES	-	417	(417)	3,729	2,919	810	5,000	(1,271)
POSTAGE & DELIVERY EXPENSE	1,060	1,167	(107)	7,449	8,169	(720)	14,000	(6,551)
PUBLICATIONS, NOTICES & DUES	106	63	43	926	441	485	750	176
EQUIPMENT LEASE EXPENSES	-	583	(583)	4,050	4,081	(31)	7,000	(2,950)
INSURANCE EXPENSES	1,778	2,333	(555)	12,450	16,331	(3,881)	28,000	(15,550)
COMMUNITY OUTREACH EXP	-	667	(667)	3,950	4,000	(50)	8,000	(4,050)
INVESTMENT EXP	400	400	-	2,433	2,800	(367)	4,800	(2,367)
TOTAL ADMINISTRATIVE EXPENSES	37,802	44,642	(6,840)	278,137	316,561	(38,424)	542,070	(263,933)
TOTAL WASTEWATER EXPENSES	118,364	132,691	(14,327)	994,197	968,697	25,500	1,650,895	(656,698)
NET OPERATING REVENUE/EXPENSE	121,115	110,670	10,445	688,005	744,836	(56,831)	1,416,105	(728,100)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
INTEREST INCOME/UNREALIZED GAIN ON INV	10,640	6,667	3,973	94,964	46,669	48,295	80,000	14,964
PROPERTY TAX INCOME	-	-	-	-	-	-	70,000	(70,000)
TOTAL NON-OPER SOURCE OF FUNDS	10,640	6,667	3,973	94,964	46,669	48,295	150,000	(55,036)
TOTAL SEWER REVENUE/EXPENSE	131,755	117,337	14,418	782,969	791,505	(8,536)	1,566,105	(783,136)
TRANSFER TO CAPITAL FUND-REPLACEMENT				312,247				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				470,722				
CONNECTION FEES				-				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2018-2019	12,413,541
TRANSFER FOR CAPITAL FUND REPLACEMENT	312,247
TRANSFER FOR CAPITAL IMPROVEMENTS	470,722
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(1,144,481)</u>
TOTAL FUNDS AVAILABLE	<u>12,052,029</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
<i>WATER DEPARTMENT</i>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	142,075	138,333	3,742	949,658	968,331	(18,673)	1,660,000	(710,342)
WATER USAGE CHARGES	180,927	191,000	(10,073)	2,490,683	2,530,000	(39,317)	4,340,000	(1,849,317)
WATER PUMPING CHARGE	7,494	7,750	(256)	97,745	96,250	1,495	165,000	(67,255)
FIRE PROTECTION CHARGES	3,014	2,917	97	21,649	20,419	1,230	35,000	(13,351)
MISC. UTILITY CHARGES	3,442	2,917	525	22,029	20,419	1,610	35,000	(12,971)
SERVICE METER INCOME	10,500	8,333	2,167	65,800	58,331	7,469	100,000	(34,200)
CELLULAR SITE LEASE	6,091	4,500	1,591	21,230	31,500	(10,270)	54,000	(32,770)
MWD READINESS TO SERVE CHARGE	10,152	12,500	(2,348)	70,198	87,500	(17,302)	150,000	(79,802)
STANDBY CHARGES	-	-	-	-	-	-	41,000	(41,000)
CFD REIMBURSEMENTS	-	-	-	10,000	10,000	-	20,000	(10,000)
INSPECTION CHARGES	2,407	3,750	(1,343)	21,231	26,250	(5,019)	45,000	(23,769)
TOTAL WATER REVENUE	366,102	372,000	(5,898)	3,770,223	3,849,000	(78,777)	6,645,000	(2,874,777)
OPERATING EXPENSES:								
WAGES EXPENSE	8,856	10,154	(1,298)	67,477	71,078	(3,601)	132,000	(64,523)
INSPECTION WAGES EXPENSE	2,303	2,480	(177)	17,600	17,400	200	29,800	(12,200)
PAYROLL TAXES EXP	360	200	160	1,567	1,400	167	2,600	(1,033)
EMPLOYEE BENEFITS-INS	1,088	1,333	(245)	6,212	6,330	(118)	16,000	(9,788)
EMPLOYEE BENEFITS-RETIREMENT	1,360	1,475	(115)	9,275	10,325	(1,050)	17,700	(8,425)
OPERATION-MILEAGE EXP	93	63	30	571	441	130	750	(179)
OVERTIME EXPENSE/ ON CALL	3,204	833	2,371	15,875	5,831	10,044	10,000	5,875
VACATION EXP	780	650	130	5,461	4,550	911	7,800	(2,339)
CONTRACT STAFFING-METER READS	5,528	5,417	111	38,107	37,919	188	65,000	(26,893)
SCADA SYSTEM ADMIN/MAINT	-	833	(833)	2,709	5,831	(3,122)	10,000	(7,291)
LABORATORY TESTING COSTS	-	1,333	(1,333)	8,649	9,331	(682)	16,000	(7,351)
COMPLIANCE TESTING (ISDE/CROSS)	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
LEAK DETECTION EXPENSE	6,095	667	5,428	6,095	4,669	1,426	8,000	(1,905)
EPA WATER TESTING EXP	-	708	(708)	-	4,956	(4,956)	8,500	(8,500)
EQUIPMENT RENTAL COSTS	-	167	(167)	-	1,169	(1,169)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	290	6,667	(6,377)	17,194	46,669	(29,475)	80,000	(62,806)
WATER LINE REPAIRS	-	3,333	(3,333)	-	23,331	(23,331)	40,000	(40,000)
ALARM MONITORING COSTS	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
PROPERTY MAINTENANCE	-	417	(417)	2,190	2,919	(729)	5,000	(2,810)
ENGINEERING/ADMIN. STUDIES	3,900	4,000	(100)	3,900	4,000	(100)	8,000	(4,100)
ENERGY COSTS	6,748	14,167	(7,419)	73,937	99,169	(25,232)	170,000	(96,063)
CONSUMABLE SUPPLIES & CLEANING	598	167	431	2,610	1,169	1,441	2,000	610
CHEMICALS, LUBRICANTS & FUELS	1,217	417	800	4,312	2,919	1,393	5,000	(688)
SMALL EQUIPMENT & TOOLS COST	-	83	(83)	3,417	581	2,836	1,000	2,417
PERMITS, FEES & TAXES	530	2,833	(2,303)	32,957	19,831	13,126	34,000	(1,043)
MAP UPDATING/GIS EXP	-	417	(417)	-	2,919	(2,919)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	8,417	8,333	84	47,626	58,331	(10,705)	100,000	(52,374)
WHOLESALE WATER PURCHASES	182,269	160,000	22,269	1,933,932	2,018,100	(84,168)	3,459,600	(1,525,668)
WATER-MWD CAPACITY CHARGE	3,666	4,167	(501)	26,886	29,169	(2,283)	50,000	(23,114)
WATER-READINESS TO SERVE/REFUSAL CHARGE	10,037	9,583	454	63,624	67,081	(3,457)	115,000	(51,376)
WMWD-MGLMR EXP	-	-	-	116,314	117,000	(686)	117,000	(686)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONSERVATION REBATE EXP	-	417	(417)	1,090	2,919	(1,829)	5,000	(3,910)
CONTINGENCIES	-	3,792	(3,792)	-	26,544	(26,544)	45,500	(45,500)
TOTAL OPERATING EXPENSES	247,339	245,606	1,733	2,509,587	2,707,381	(197,794)	4,575,750	(2,066,163)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	9,168	9,400	(232)	50,726	52,066	(1,340)	89,250	(38,524)
GENERAL ENGINEERING EXP	-	1,667	(1,667)	23,225	11,669	11,556	20,000	3,225
PLAN CHECK & INSPECTION EXP	-	833	(833)	-	5,831	(5,831)	10,000	(10,000)
EMPLOYEE BENEFITS-INS	1,831	1,442	389	10,775	10,094	681	17,300	(6,525)
EMPLOYEE BENEFITS-RETIREMENT	2,238	1,792	446	11,020	12,544	(1,524)	21,500	(10,480)
ANNUAL ASSESSMENT EXP	-	333	(333)	2,842	2,331	511	4,000	(1,158)
WAGES EXPENSE	10,634	11,769	(1,135)	81,207	88,268	(7,061)	153,000	(71,793)
VACATION EXP	996	900	96	6,975	6,300	675	10,800	(3,825)
MILEAGE EXP ADMIN	-	42	(42)	-	294	(294)	500	(500)
OVERTIME EXPENSE	-	83	(83)	-	581	(581)	1,000	(1,000)
PAYROLL TAX EXPENSES	305	192	113	1,503	1,344	159	2,500	(997)
CONTRACT STAFFING OFFICE	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	-	625	(625)	1,137	4,375	(3,238)	7,500	(6,363)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	499	875	(376)	3,590	6,125	(2,535)	10,500	(6,910)
COMPUTER SYSTEM EXP	1,202	1,000	202	8,682	7,000	1,682	12,000	(3,318)
BANK CHARGES EXP	1,859	1,667	192	14,576	11,669	2,907	20,000	(5,424)
MISCELLANEOUS & EDUCATION EXP	-	167	(167)	555	1,169	(614)	2,000	(1,445)
TELEPHONE EXP	1,454	833	621	8,315	5,831	2,484	10,000	(1,685)
OFFICE SUPPLIES EXP	1,180	833	347	7,285	5,831	1,454	10,000	(2,715)
PRINTING EXPENSES	-	417	(417)	3,035	2,919	116	5,000	(1,965)
POSTAGE & DELIVERY EXPENSE	850	1,000	(150)	6,134	7,000	(866)	12,000	(5,866)
PUBLICATIONS, NOTICES & DUES	-	208	(208)	941	1,456	(515)	2,500	(1,559)
EQUIPMENT LEASE EXPENSES	-	500	(500)	3,543	3,500	43	6,000	(2,457)
INSURANCE EXPENSES	1,542	2,042	(500)	10,795	14,294	(3,499)	24,500	(13,705)
INVESTMENT EXPENSE	350	350	-	2,129	2,450	(321)	4,200	(2,071)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	3,500	(3,500)
COMMUNITY OUT REACH EXP	-	-	-	3,950	4,000	(50)	7,000	(3,050)
TOTAL ADMINISTRATIVE EXPENSES	34,108	38,970	(4,862)	262,940	268,941	(6,001)	474,050	(211,110)
TOTAL WATER EXPENSES	281,447	284,576	(3,129)	2,772,527	2,976,322	(203,795)	5,049,800	(2,277,273)
NET OPERATING REVENUE/EXPENSE	84,655	87,424	(2,769)	997,696	872,678	125,018	1,595,200	(597,504)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
INTEREST INCOME/UNREALIZED GAIN ON INV	13,440	-	13,440	119,955	-	119,955	100,000	19,955
PROPERTY TAX INCOME	-	-	-	-	-	-	40,000	(40,000)
TOTAL NON-OP SOURCE OF FUNDS	13,440	-	13,440	119,955	-	119,955	140,000	(20,045)
TOTAL REVENUE/EXPENSE	98,095	87,424	10,671	1,117,651	872,678	244,973	1,735,200	(617,549)
TRANSFER TO CAPITAL FUND-REPLACEMENT				332,146				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				785,505				
CONNECTION FEES				13,404				
CAPACITY USAGE INCOME				235,180				
LONG TERM DEBT REDUCTION				235,180				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2018-2019	13,057,975
TRANSFER FOR CAPITAL FUND REPLACEMENT	332,146
TRANSFER FOR CAPITAL IMPROVEMENTS	798,909
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(316,690)</u>
TOTAL FUNDS AVAILABLE	<u>13,872,340</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
<i>ID#1 DEPARTMENT</i>								
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	-	75,362	75,362	-	133,078	(57,716)
TOTAL OPERATING COSTS	10,766	10,766	-	75,362	75,362	-	133,078	(57,716)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	2,842	3,000	(158)	3,000	(158)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	2,842	3,000	(158)	3,000	(158)
TOTAL ID#1 EXPENSES	10,766	10,766	-	78,204	78,362	(158)	136,078	(57,874)
NET OPERATING REVENUE/EXPENSE	2,959	2,959	-	17,871	17,713	158	28,622	(10,751)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	280	175	105	2,499	1,225	1,274	2,100	399
TOTAL NON-OPER SOURCE OF FUNDS	280	175	105	2,499	1,225	1,274	2,100	399
TOTAL REVENUE/EXPENSE	3,239	3,134	105	20,370	18,938	1,432	30,722	(10,352)
TRANSFER TO CAPITAL FUND-REPLACEMENT				13,935				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				6,435				
				-				
<i>ID #1 FUND BALANCE:</i>								
ENDING FUNDS AVAILABLE 2018-2019	528,559							
TRANSFER TO CAPITAL FUND-REPLACEMENT	13,935							
TRANSFER FOR CAPITAL IMPROVEMENTS	6,435							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	-							
TOTAL FUNDS AVAILABLE	548,929							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
ID#2 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	108,675	108,675	-	191,820	(83,145)
TOTAL ID #2 REVENUE	15,525	15,525	-	108,675	108,675	-	191,820	(83,145)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	12,179	12,179	-	85,249	85,249	-	150,530	(65,281)
TOTAL OPERATING COSTS	12,179	12,179	-	85,249	85,249	-	150,530	(65,281)
ADMINISTRATIVE EXPENSES:								
GENERAL ENGINEERING EXP	-	-	-	-	-	-	2,500	(2,500)
ANNUAL ASSESSMENT PROCESSING	-	-	-	2,842	3,000	(158)	3,000	(158)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	2,842	3,000	(158)	5,500	(2,658)
TOTAL ID#2 EXPENSES	12,179	12,179	-	88,091	88,249	(158)	156,030	(67,939)
NET OPERATING REVENUE/EXPENSE	3,346	3,346	-	20,584	20,426	158	35,790	(15,206)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	560	350	210	5,000	-	5,000	4,150	850
TOTAL NON-OPER SOURCE OF FUNDS	560	350	210	5,000	-	5,000	4,150	850
TOTAL REVENUE/EXPENSE	3,906	3,696	210	25,584	20,426	5,158	39,940	(14,356)
TRANSFER TO CAPITAL FUND-REPLACEMENT				42,972				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				(17,388)				
				-				
ID #2 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2018-2019	222,772							
TRANSFER TO CAPITAL FUND-REPLACEMENT	42,972							
TRANSFER FOR CAPITAL IMPROVEMENTS	(17,388)							
CAPITAL IMPROVEMENT-PLANT REMOVAL	-							
TOTAL FUNDS AVAILABLE	248,356							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
<i>NON-POTABLE WATER DEPARTMENT</i>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	36,601	141,667	(105,066)	989,169	991,669	(2,500)	1,700,000	(710,831)
RECYCLED/ NON-POT WATER FIXED CHARGE	17,084	16,667	417	143,120	116,669	26,451	200,000	(56,880)
RECYCLED/NON-POTABLE PUMPING CHARGE	3,827	3,333	494	32,501	23,331	9,170	40,000	(7,499)
MISC INCOME	1,300	1,000	300	7,002	7,000	2	12,000	(4,998)
INSPECTION REVENUE	1,719	2,417	(698)	15,165	16,919	(1,754)	29,000	(13,835)
TOTAL NON-POTABLE REVENUE	60,531	165,084	(104,553)	1,186,957	1,155,588	31,369	1,981,000	(794,043)
OPERATING EXPENSES:								
RECYCLED/NON-POTABLE LABOR EXP	6,326	7,246	(920)	48,196	50,345	(2,149)	94,200	(46,004)
INSPECTION WAGES EXPENSE	1,645	1,775	(130)	12,569	13,325	(756)	21,300	(8,731)
PAYROLL TAXES EXP	257	146	111	1,119	1,095	24	1,900	(781)
EMPLOYEE BENEFITS-INS	62	950	(888)	3,723	6,650	(2,927)	11,400	(7,677)
EMPLOYEE BENEFITS-RETIREMENT	968	1,050	(82)	6,601	7,350	(749)	12,600	(5,999)
MILEAGE EXP	67	17	50	408	119	289	200	208
OVERTIME EXP	2,289	517	1,772	11,339	3,619	7,720	6,200	5,139
VACATION EXP	156	467	(311)	1,094	3,269	(2,175)	5,600	(4,506)
SCADA SYS EXP	-	1,250	(1,250)	1,936	8,750	(6,814)	15,000	(13,064)
LABORATORY TESTING COSTS	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
EQUIPMENT REPAIRS & MAINT.	6,781	8,333	(1,552)	53,606	58,331	(4,725)	100,000	(46,394)
NONPOTABLE WATER LINE REPAIR	-	8,333	(8,333)	-	58,331	(58,331)	100,000	(100,000)
SECURITY AND ALARM EXP	-	158	(158)	-	1,106	(1,106)	1,900	(1,900)
PROPERTY MAINTENANCE	-	417	(417)	2,608	2,919	(311)	5,000	(2,392)
ENERGY COSTS	11,697	20,833	(9,136)	151,297	145,831	5,466	250,000	(98,703)
CONSUMABLE SUPPLIES EXP	427	83	344	1,870	581	1,289	1,000	870
CHEMICALS, LUBRICANTS & FUELS	870	292	578	3,082	2,044	1,038	3,500	(418)
PERMITS AND FEES EXP	-	500	(500)	6,800	6,000	800	6,000	800
SERVICE METERS AND PARTS COSTS	-	583	(583)	-	4,081	(4,081)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	3,524	333	3,191	7,626	2,331	5,295	4,000	3,626
MISC OPERATING EXP	-	42	(42)	-	294	(294)	500	(500)
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
CONTINGENCIES	-	2,250	(2,250)	-	15,750	(15,750)	27,000	(27,000)
TOTAL OPERATING EXPENSES	35,069	55,825	(20,756)	313,874	393,871	(79,997)	678,900	(365,026)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Seven Months ending January 31, 2020**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	6,549	6,300	249	36,482	37,000	(518)	63,750	(27,268)
GENERAL ENGINEERING/ PLAN CHECK EXP	-	833	(833)	1,327	5,831	(4,504)	10,000	(8,673)
INSPECTION / PLAN CHECK EXP	-	500	(500)	-	3,500	(3,500)	6,000	(6,000)
EMPLOYEE BENEFITS-INS	1,307	1,025	282	8,021	7,175	846	12,300	(4,279)
EMPLOYEE BENEFITS-RETIREMENT	1,598	1,275	323	9,804	8,925	879	15,300	(5,496)
WAGES EXPENSE	7,595	8,385	(790)	57,511	62,887	(5,376)	109,000	(51,489)
VACATION EXP	199	642	(443)	1,397	4,497	(3,100)	7,700	(6,303)
MILEAGE EXP	-	17	(17)	-	119	(119)	200	(200)
OVERTIME EXP	-	42	(42)	-	294	(294)	500	(500)
PAYROLL TAX EXPENSE	218	150	68	1,074	1,050	24	1,800	(726)
CONTRACT STAFFING EXP	-	167	(167)	-	1,169	(1,169)	2,000	(2,000)
LEGAL EXPENSE	-	417	(417)	812	2,919	(2,107)	5,000	(4,188)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	356	625	(269)	1,969	4,375	(2,406)	7,500	(5,531)
ELECTION EXP	-	208	(208)	-	1,456	(1,456)	2,500	(2,500)
COMPUTER SYSTEMS EXP	858	833	25	6,201	5,831	370	10,000	(3,799)
BANK CHARGES	1,327	1,250	77	10,412	8,750	1,662	15,000	(4,588)
MISC & EDUCATION EXP	-	83	(83)	397	581	(184)	1,000	(603)
TELEPHONE EXP	1,039	583	456	5,940	4,081	1,859	7,000	(1,060)
OFFICE SUPPLIES	156	417	(261)	4,068	2,919	1,149	5,000	(932)
PRINTING EXP	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
POSTAGE EXP	606	833	(227)	4,382	5,831	(1,449)	10,000	(5,618)
PUBLICATION EXP	-	167	(167)	23	1,169	(1,146)	2,000	(1,977)
EQUIPMENT LEASE EXP	-	375	(375)	2,531	2,625	(94)	4,500	(1,969)
INSURANCE EXPENSE	1,100	1,458	(358)	7,704	10,206	(2,502)	17,500	(9,796)
ANNUAL ASSESSMENT EXP	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
INVESTMENT EXPENSE	250	250	-	1,521	1,750	(229)	3,000	(1,479)
COMMUNITY OUTREACH EXP	-	400	(400)	-	2,800	(2,800)	4,800	(4,800)
TOTAL ADMINISTRATIVE EXPENSES	23,158	27,735	(4,577)	161,576	191,240	(29,664)	333,850	(172,274)
TOTAL NON-POTABLE OPERATING EXPENSES	58,227	83,560	(25,333)	475,450	585,111	(109,661)	1,012,750	(537,300)
NET OPERATING REVENUE/EXPENSE	2,304	81,524	(79,220)	711,507	570,477	141,030	968,250	(256,743)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	3,080	1,900	1,180	27,488	13,300	14,188	23,000	4,488
TOTAL NON-OP SOURCE OF FUNDS	3,080	1,900	1,180	27,488	13,300	14,188	23,000	4,488
TOTAL REVENUE/EXPENSE	5,384	83,424	(78,040)	738,995	583,777	155,218	991,250	(252,255)
TRANSFER TO CAPITAL FUND-REPLACEMENT				197,491				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				541,504				
CONNECTION FEES				18,967				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2018-2019	3,424,313							
TRANSFER FOR CAPITAL FUND REPLACEMENT	197,491							
TRANSFER FOR CAPITAL IMPROVEMENTS	560,471							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(512,414)							
TOTAL FUNDS AVAILABLE	3,669,861							

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

In Process
Not Started

Capital Projects FY 2019/2020 Maintenance/ General Projects	CIP #	Eng #1401.*	Total Cost	Source of Funding			Previous YR	AS OF JANUARY 2019 EXPENDITURES			Total YTD	Variance
				Sewer Fund	Water Fund	Recycled Fund		YEAR TO DATE				
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Computer and Software Upgrades	G-1-2019		\$ 25,000	\$ 10,000	\$ 8,750	\$ 6,250		\$ 1,552	\$ 1,358	\$ 969	\$ 3,879	\$ 21,121
General Building Improvements	G-2-2019		\$ 80,000	\$ 32,000	\$ 28,000	\$ 20,000	\$ -	\$ 8,292	\$ -	\$ -	\$ 8,292	\$ 71,708
Backhoe	P-1-2019		\$ 105,000	\$ 30,000	\$ 30,000	\$ 30,000		\$ 35,000	\$ 35,000	\$ 34,935	\$ 104,935	\$ 65
Trilogy Reservoir Rehab Interior/Exterior	W-1-2019	1907	\$ 524,400	\$ -	\$ 524,400	\$ -	\$ 2,200	\$ -	\$ 24,422	\$ -	\$ 24,422	\$ 497,778
Urban Water Management Plan 2020	G-23-2019		\$ 100,000			\$ 100,000		\$ -	\$ -	\$ -	\$ -	\$ 100,000
WRF Compliance Instrumentation Replacement			\$ 40,000	\$ 25,000	\$ -	\$ 15,000		\$ 22,241	\$ -	\$ -	\$ 22,241	\$ 17,759
Convert to Recycled			\$ 135,000	\$ -	\$ 75,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
Forest Boundary Potable Water Looping	W-2-2019	1906	\$ 480,000	\$ -	\$ 480,000			\$ -	\$ -	\$ -	\$ -	\$ 480,000
Recycled and Non-potable Pipeline extentions	NP-2018		\$ 775,000	\$ -	\$ -	\$ 775,000	\$ -	\$ -	\$ -	\$ 26,510	\$ 26,510	\$ 748,490
I-15 AG Line Repair			\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 189,560	\$ 189,560	\$ 10,440
SUBTOTAL			\$ 2,464,400	\$ 97,000	\$ 1,146,150	\$ 1,206,250	\$ 2,200	\$ 67,085	\$ 60,780	\$ 251,974	\$ 379,839	\$ 2,082,361

Multiple Fiscal Year Projects	CIP #	Eng #1401.*	Total Cost	Source of Funding			Previous YR	YEAR TO DATE			Total YTD	Variance
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Well Cleaning and Rehab			\$ 125,000	\$ -	\$ 50,000	\$ 75,000	\$ 106,030	\$ -	\$ -	\$ -	\$ -	\$ 18,970
Park Canyon RW Design and Easements			\$ 90,000	\$ -	\$ -	\$ 90,000	\$ 17,074	\$ -	\$ -	\$ -	\$ -	\$ 72,926
Water System Master Plan		1811	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ 15,595	\$ -	\$ -	\$ -	\$ -	\$ 4,405
Sewer System Master Plan		1815	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 12,670	\$ 43,552	\$ -	\$ -	\$ 43,552	\$ 43,778
Non-Potable Recycled Water Master Plan		1812	\$ 30,000	\$ -	\$ -	\$ 30,000	\$ 29,985	\$ -	\$ -	\$ -	\$ -	\$ 15
New Energy Saving Plant Lighting			\$ 52,000	\$ 52,000	\$ -	\$ -	\$ 42,185	\$ -	\$ -	\$ -	\$ -	\$ 9,815
Air Actuator valves			\$ 42,000	\$ 42,000	\$ -	\$ -	\$ 21,984	\$ -	\$ -	\$ -	\$ -	\$ 20,016
Upgrade STP PLCs			\$ 250,000	\$ 100,000	\$ 87,500	\$ 62,500	\$ 229,729	\$ -	\$ -	\$ -	\$ -	\$ 20,271
WRF 225,000 GPD Upgrade (SBR Controls)	S-1-2015		\$ 1,230,000	\$ 1,230,000	\$ -	\$ -	\$ 283,140	\$ 609,585	\$ -	\$ -	\$ 609,585	\$ 337,275
WRF 225,000 GPD Expansion (District Share)	S-1-2015		\$ 5,506,613	\$ 5,506,613	\$ -	\$ -	\$ 82,334	\$ 415,698	\$ -	\$ -	\$ 415,698	\$ 5,008,581
GIS Mapping - Water Sewer RW pipelines and facilities		1904/1905	\$ 171,700	\$ 66,000	\$ 66,000	\$ 39,700	\$ 136,086	\$ 8,561	\$ 2,392	\$ -	\$ 10,953	\$ 24,661
Well Replacement			\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 75,663	\$ 75,663	\$ 224,337
Groundwater Study and Development (inc GSA)			\$ 503,000	\$ -	\$ 135,000	\$ 368,000	\$ 131,140	\$ -	\$ 184,777	\$ 184,777	\$ 369,554	\$ 2,306
Alternate Tertiary Percolation Area			\$ 320,000	\$ 300,000	\$ -	\$ 20,000	\$ 190,682	\$ -	\$ -	\$ -	\$ -	\$ 129,318
Dawson Canyon Potable Reservoir Design	W-1-2015	1810	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 131,540	\$ -	\$ 68,741	\$ -	\$ 68,741	\$ (281)
Dawson Canyon 5 MG Potable Reservoir Construction	W-1-2015		\$ 5,770,000		\$ 5,770,000							\$ 5,770,000
COR Temescal Cyn Rd widening - pipeline relocation.			\$ 500,000	\$ -	\$ 250,000	\$ 250,000	\$ 388,316	\$ -	\$ -	\$ -	\$ -	\$ 111,684
SUBTOTAL			\$ 15,210,313	\$ 7,396,613	\$ 6,578,500	\$ 1,235,200	\$ 1,818,490	\$ 1,077,396	\$ 255,910	\$ 260,440	\$ 1,593,746	\$ 11,798,077

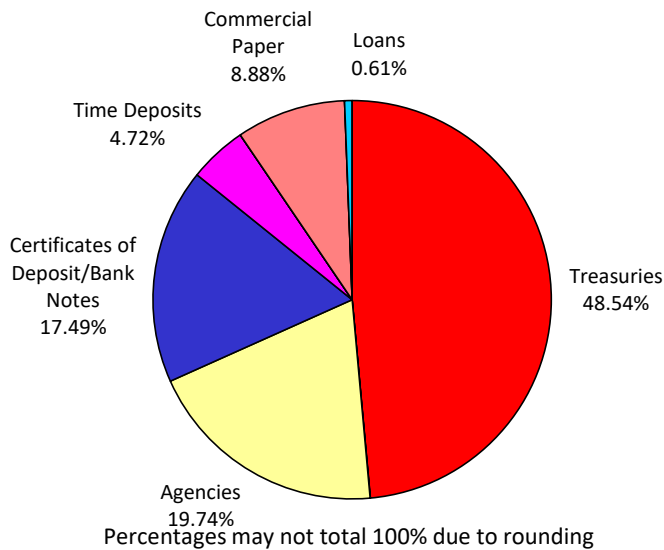
TOTAL	\$ 17,674,713	\$ 7,493,613	\$ 7,724,650	\$ 2,441,450	\$ 1,820,690	\$ 1,144,481	\$ 316,690	\$ 512,414	\$ 1,973,585	\$ 13,880,438
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PMIA/LAIF Performance Report as of 02/12/2020



Pooled Money Investment Account Portfolio Composition ⁽¹⁾ 01/31/20 \$100.6 billion



PMIA Average Monthly Effective Yields ⁽¹⁾

Jan 2020	1.967
Dec 2019	2.043
Nov 2019	2.103

LAIF Quarterly Performance Quarter Ended 12/31/19

Apportionment Rate ⁽²⁾ :	2.29
Earnings Ratio ⁽²⁾ :	0.0000625008577897
Fair Value Factor ⁽¹⁾ :	1.001770298
Daily ⁽¹⁾ :	2.02%
Quarter to Date ⁽¹⁾ :	2.11%
Average Life ⁽¹⁾ :	226

PMIA Daily Rates ⁽¹⁾

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
01/13/20	1.98	1.99	220
01/14/20	1.97	1.99	221
01/15/20	1.96	1.99	228
01/16/20	1.95	1.99	226
01/17/20	1.95	1.99	224
01/18/20	1.95	1.98	224
01/19/20	1.95	1.98	224
01/20/20	1.95	1.98	224
01/21/20	1.95	1.98	219
01/22/20	1.95	1.98	218
01/23/20	1.94	1.98	216
01/24/20	1.94	1.98	218
01/25/20	1.94	1.97	218
01/26/20	1.94	1.97	218
01/27/20	1.94	1.97	216
01/28/20	1.94	1.97	215
01/29/20	1.94	1.97	216
01/30/20	1.93	1.97	215
01/31/20	1.93	1.97	215
02/01/20	1.93	1.97	215
02/02/20	1.93	1.96	215
02/03/20	1.92	1.96	213
02/04/20	1.92	1.96	211
02/05/20	1.92	1.96	212
02/06/20	1.92	1.96	211
02/07/20	1.92	1.96	210
02/08/20	1.92	1.96	210
02/09/20	1.92	1.96	210
02/10/20	1.92	1.96	209
02/11/20	1.92	1.96	208
02/12/20	1.92	1.95	206

*Daily yield does not reflect capital gains or losses

[View Prior Month Daily Rates](#)

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

Source:

(1) State of California, Office of the Treasurer

(2) State of California, Office of the Controller

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
1/31/2020

<u>Special Tax Fund (Acct #105636-009)</u> Account Balance at Wilmington Trust	\$	2.41
<hr/>		
<u>BONDS PR ACCT (Acct # 105636-010)</u> Account Balance at Wilmington Trust		0.03
<hr/>		
<u>Administrative Expense Fund(Acct #105636-011)</u> Account Balance at Wilmington Trust		8.23
<hr/>		
<u>Surplus Fund (Acct #105636-012)</u> Account Balance at Wilmington Trust		1,475,467.84
<hr/>		

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
1/31/2020

<u>Special Tax Fund (Acct #105636-014)</u> Account Balance at Wilmington Trust	\$	0.32
<hr/>		
<u>BONDS PR ACCT (Acct # 105636-015)</u> Account Balance at Wilmington Trust		-
<hr/>		
<u>Administrative Expense Fund(Acct #105636-016)</u> Account Balance at Wilmington Trust		4.72
<hr/>		
<u>Surplus Fund (Acct #105636-017)</u> Account Balance at Wilmington Trust		345,453.29
<hr/>		
Prepayment Fund (Acct #105636-026) Account Balance at Wilmington Trust		-
<hr/>		
	TOTAL	\$ 345,458.33

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
1/31/2020

<u>Special Tax Fund (Acct #105636-019)</u> Account Balance at Wilmington Trust	\$	1.79
<hr/>		
<u>BONDS PR ACCT (Acct # 105636-020)</u> Account Balance at Wilmington Trust		0.03
<hr/>		
<u>Administrative Expense Fund(Acct #105636-021)</u> Account Balance at Wilmington Trust		8.23
<hr/>		
<u>Surplus Fund (Acct #105636-022)</u> Account Balance at Wilmington Trust		902,511.74
<hr/>		
Prepayment Fund (Acct #105636-027) Account Balance at Wilmington Trust		44,043.16
<hr/>		
TOTAL	\$	946,564.95

**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority**

1/31/2020

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	-
- Lien Interest A/C (Acct #105636-001)		19,753.04
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,264,844.87
- Reserve Fund CFD #2 (Acct #105636-005)		276,262.88
- Reserve Fund CFD #3 (Acct #105636-006)		1,496,597.19
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		6,168.98
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		619,489.67
- Reserve Fund CFD #2 (Acct #105639-005)		100,246.00
- Reserve Fund CFD #3 (Acct #105639-006)		541,247.49
TOTAL	\$	5,324,610.13

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4
Financing Authority
(Terramor)
1/31/2020

<u>Special Tax Fund (Acct #133306-001)</u> Account Balance at Wilmington Trust	\$ 2.71
<hr/>	
<u>Interest Acct (Acct #133306-002)</u> Account Balance at Wilmington Trust	17,851.35
<hr/>	
<u>BONDS PR ACCT (Acct #133306-003)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #133306-004)</u> Account Balance at Wilmington Trust	45,919.67
<hr/>	
<u>Reserve fund Fund (Acct #133306-005)</u> Account Balance at Wilmington Trust	1,407,716.68
<hr/>	
<u>Surplus Fund (Acct #133306-006)</u> Account Balance at Wilmington Trust	20,540.84
<hr/>	
<u>Redemption fund (Acct #133306-007)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Construction fund (Acct #133306-008)</u> Account Balance at Wilmington Trust	9,541,875.37
<hr/>	
<u>Cost of Issuance (Acct #133306-009)</u> Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 11,033,906.62

Active Lien Board Update

Balance as of 1/28/2020: \$11,324.80

Payments received: \$260.85

New liens recorded: \$0.00

ACTIVE

Active liens value \$927.31

Number of active liens 5

WRITTEN OFF

Written off liens value \$10,380.63

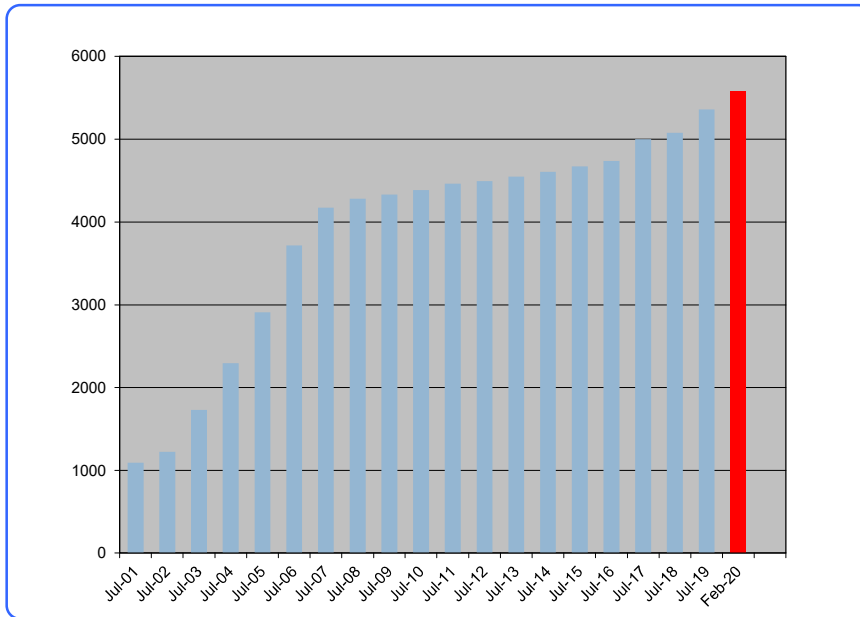
Number of written off liens 51

Released liens 6/13/07 - 2/25/20: \$178,378.25

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	Jul-17	Jul-18	Jul-19	Feb-20
CUSTOMERS	1090	1223	1729	2295	2910	3718	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	5000	5076	5358	5575



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	306	306	100%
Sycamore Creek	1738	1713	99%
The Retreat	525	525	100%
Terramor	1443	417	29% 15 MODELS
Harmony Grove	50	24	48%
	<u>6652</u>	<u>5575</u>	84%

TOTAL CUSTOMER COUNT REPORT
January 31, 2019

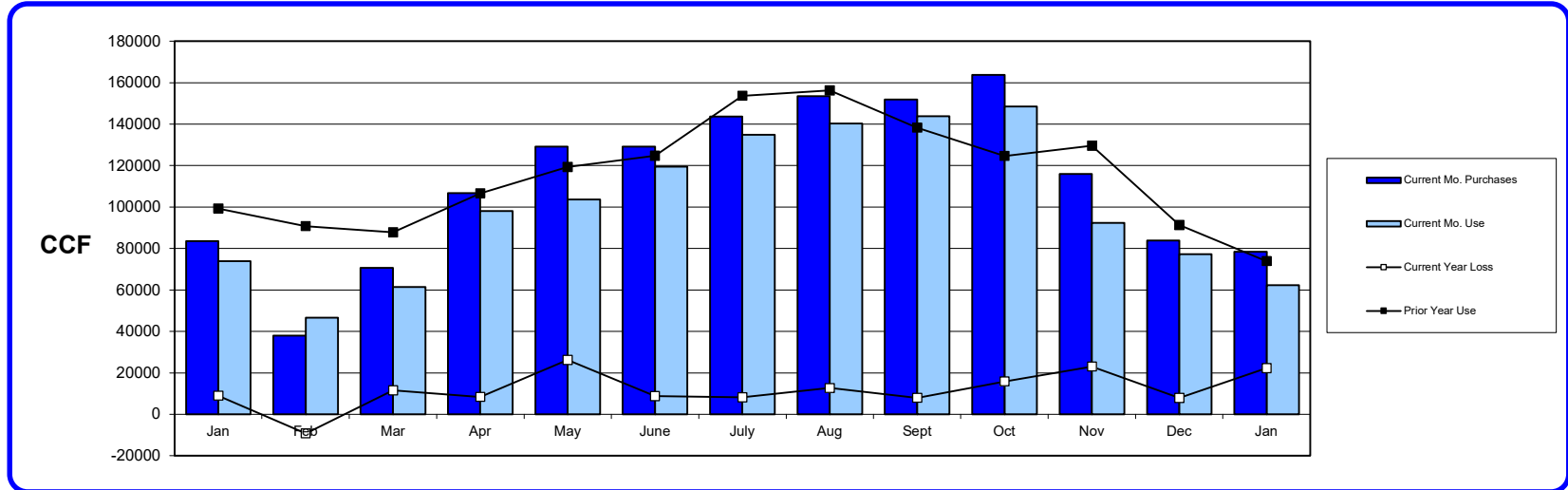
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 35 Accts closed/transf 28 Empty Homes 11			Butterfield (305) Calif. Meadows (345)	
Residential	5480	2	650	6132
Commercial	89	0	2	91
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	68	0	68
Non-Potable Water other	0	150	0	150
Construction-Bulk Sales	0	21	0	21
Total Active Customers	5614	242	652	6508

DELINQUENT REPORT

Meters Read - Customers Billed	5815	
Received Delinquent Notice on current bill	378	6.50%
Turned Off for lack of payment	14	0.24%
Customers turned back on, amount paid	14	0.24%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	TOTAL
Beg Water Levels	10429	11083	11571	9302	9628	9628	9628	9628	9628	9628	9628	9628	9628	
Ending Water Levels	11083	11571	9302	9628	8895	9746	10279	10771	10908	10430	11025	9761	11884	
Cur Yearly Purchases	83505	37941	70688	106748	129147	129147	143604	153486	151898	163770	116068	83803	78380	1448185
Cur Yr Monthly Use	73902	46657	61401	98045	103672	119497	134958	140366	143820	148423	92435	77239	62210	1302625
Prior Yr Monthly Use	99305	90737	87771	106589	119302	124735	153700	156286	138302	124684	129569	91254	73902	1496136

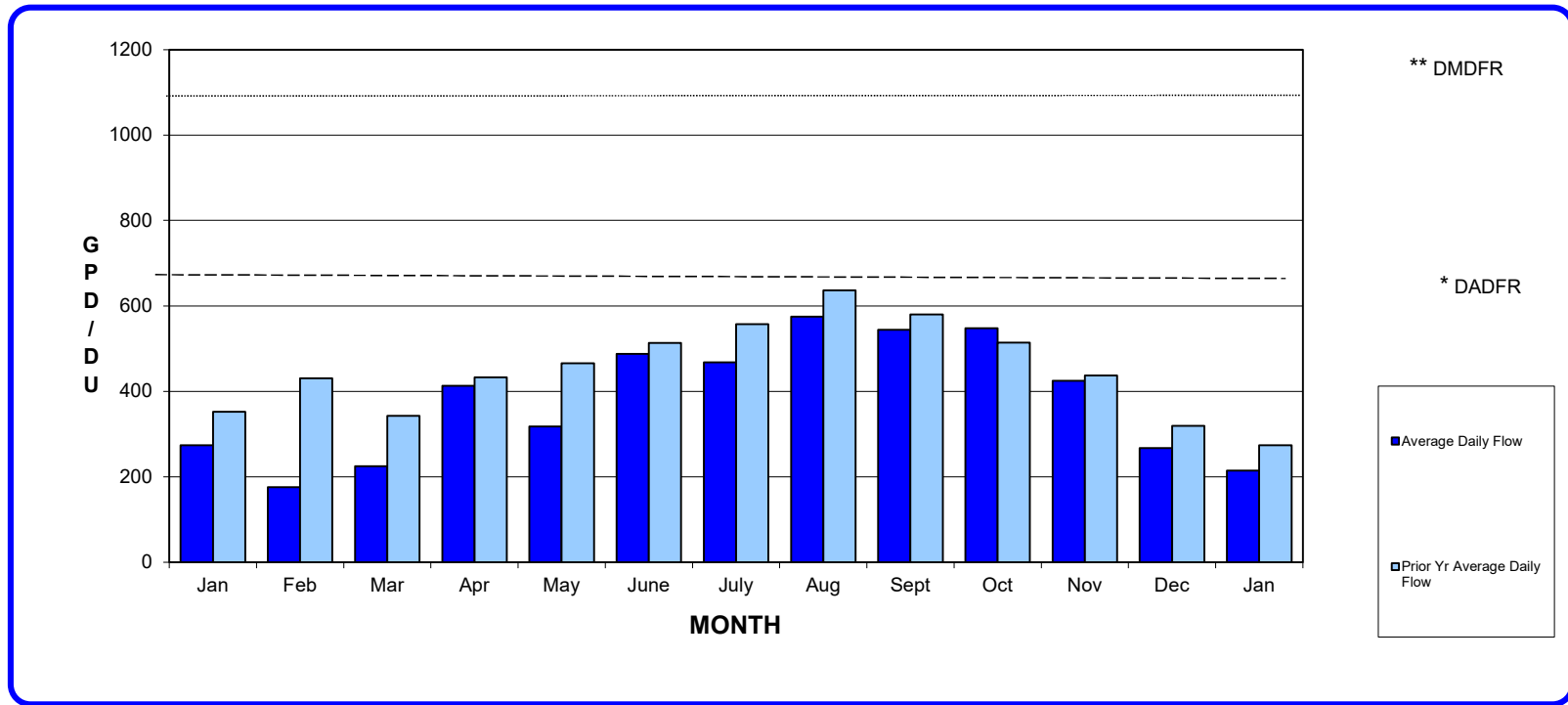


KEY
2017-2018
2018-2019
2019-2020

SUMMARY	CCF
Beginning Water in System	10429 CCF
Water Purchased in last 13 months	1448185 CCF
Water Used in last 13 months	1302625 CCF
Water Remaining in System	11884 CCF
(Loss)/Gain over last 13 months	(144105) CCF
	-9.95%

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

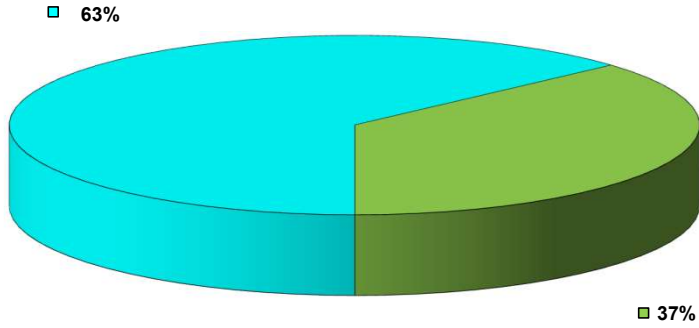
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	YEARLY AVERAGE
Average Daily Flow	274	176	225	413	318	488	468	575	544	547	424	267	215	388
Prior Yr Average Daily Flow	352	430	343	433	466	513	557	636	580	514	437	319	274	459



Key
2016-2017
2017-2018
2018-2019
2019-2020

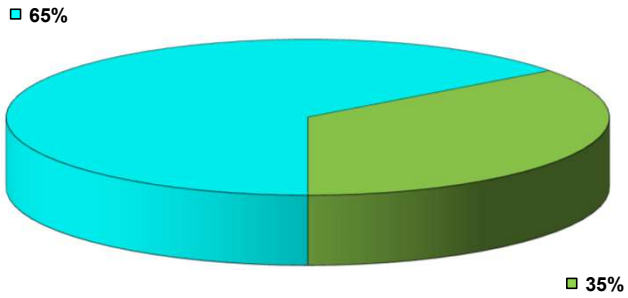
* DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)
 ** DESIGN MAXIMUM DAILY FLOW RATE IN GPD (1140)

**Temescal Valley Water District
Volume of Water Sold
For Seven Months Ending January 31, 2020
F/Y 2019-2020**



POTABLE NON-POTABLE

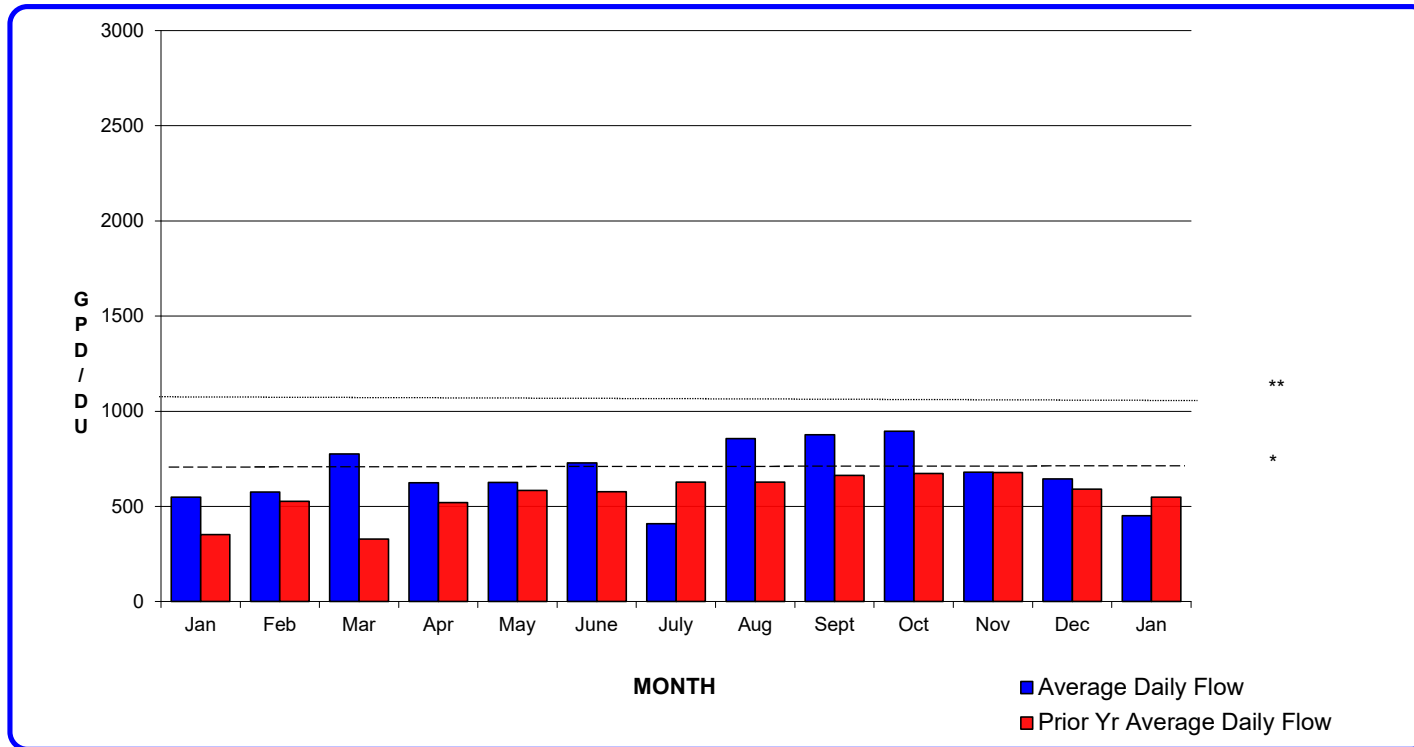
**Temescal Valley Water District
Water Volume Sold
For F/Y 2018-2019
Twelve Months**



POTABLE NON-POTABLE

**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	548	576	776	624	626	729	408	856	877	896	679	644	451	678
Prior Yr Average Daily Flow	352	527	329	521	583	577	627	627	663	673	678	591	548	992

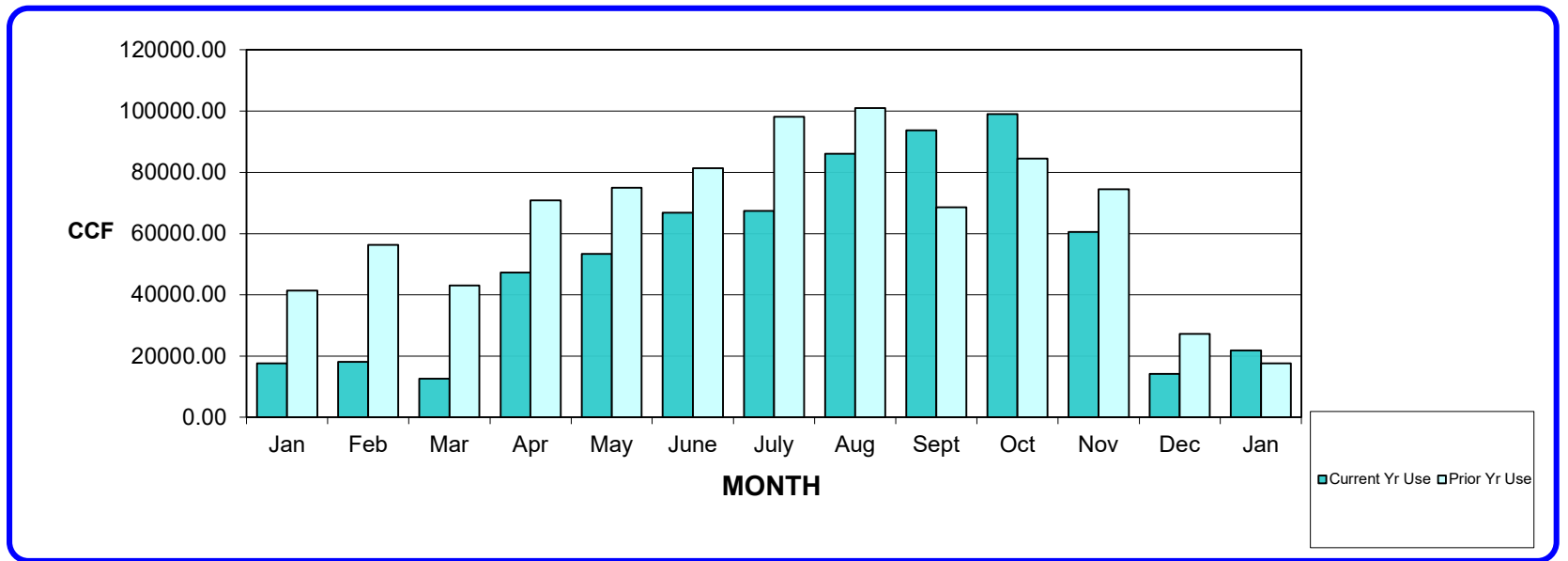


Key
2016-2017
2017-2018
2018-2019
2019-2020

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

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

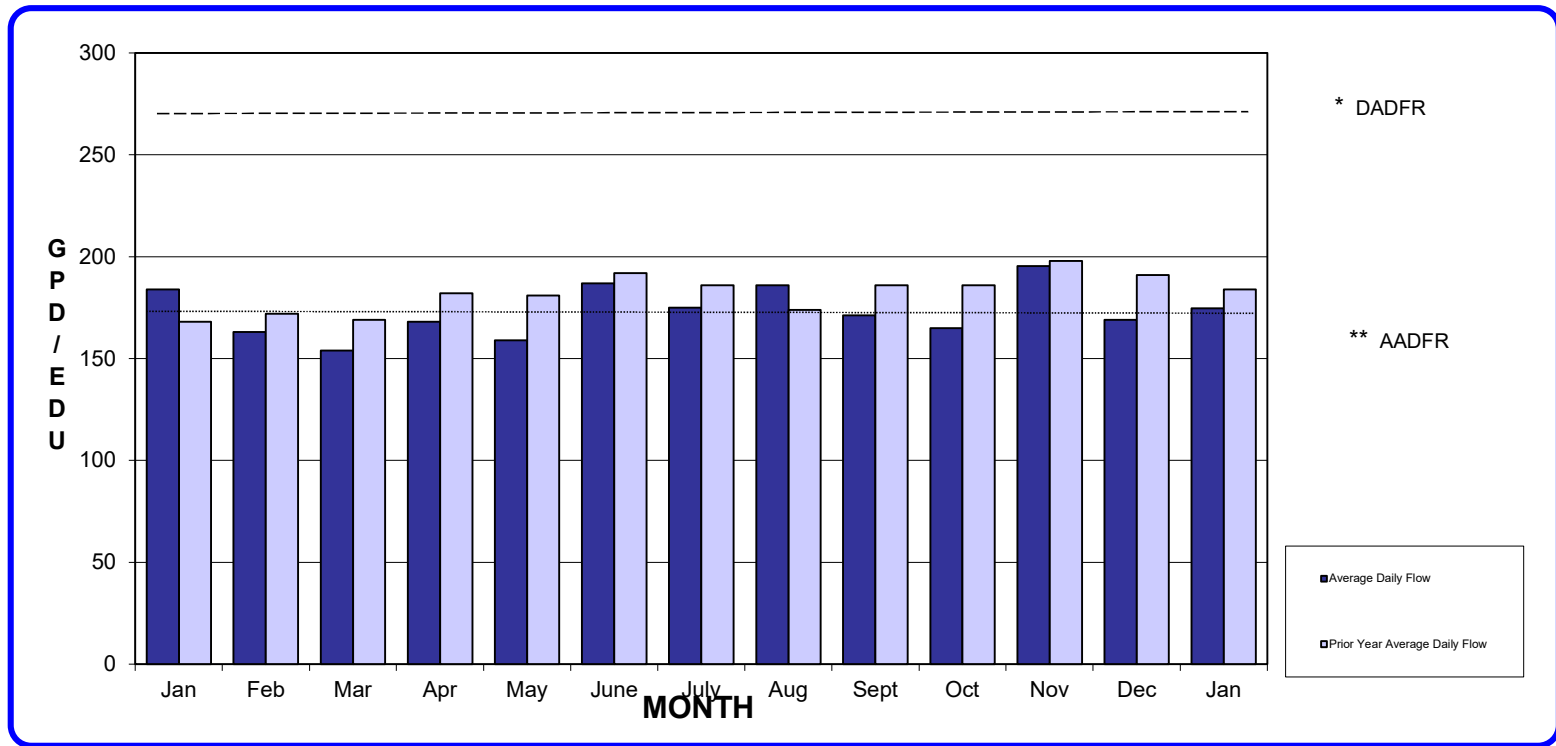
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Current Yr Use	17558.51	18076.74	12612.78	47287.45	53401.21	66847.21	67458.40	86056.00	93701.87	99015.59	60473.74	14232.16	21818.51
Prior Yr Use	41374.89	56321.00	43054.20	70816.32	74999.30	81380.55	98207.89	101012.78	68554.80	84552.12	74461.87	27296.00	17558.51
Revenue	\$58,997	\$60,614	\$48,432	\$135,906	\$143,871	\$179,818	\$181,463	\$186,783	\$234,758	\$256,161	\$185,101	\$62,123	\$57,630



Key
2017-2018
2018-2019
2019-2020

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	184	163	154	168	159	187	175	186	171	165	195	169	175	188
Prior Year Average Daily Flow	168	172	169	182	181	192	186	174	186	186	198	191	184	183



Key
2017-2019
2018-2019
2019-2020

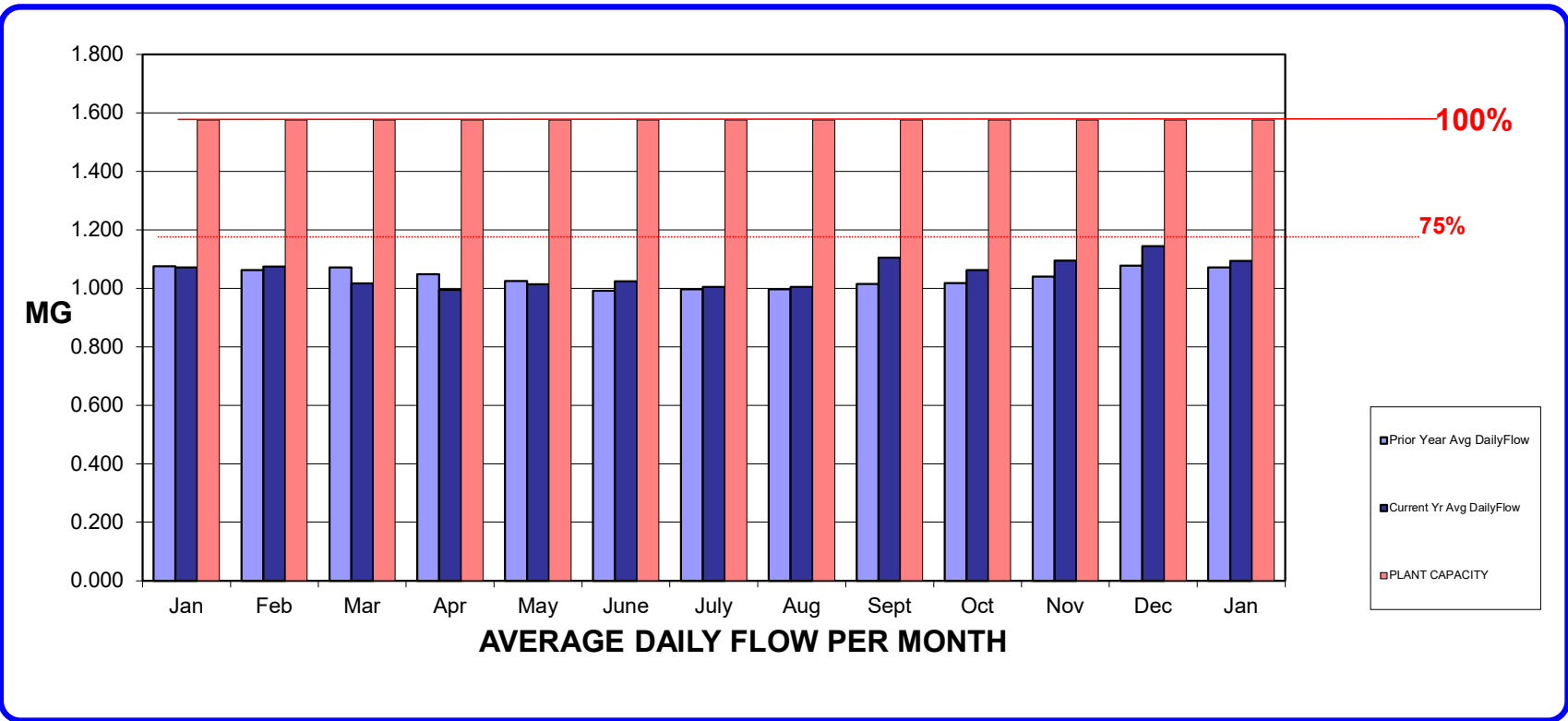
** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

RECLAMATION PLANT FLOW REPORT

AVERAGE DAILY FLOW (Million Gallons)

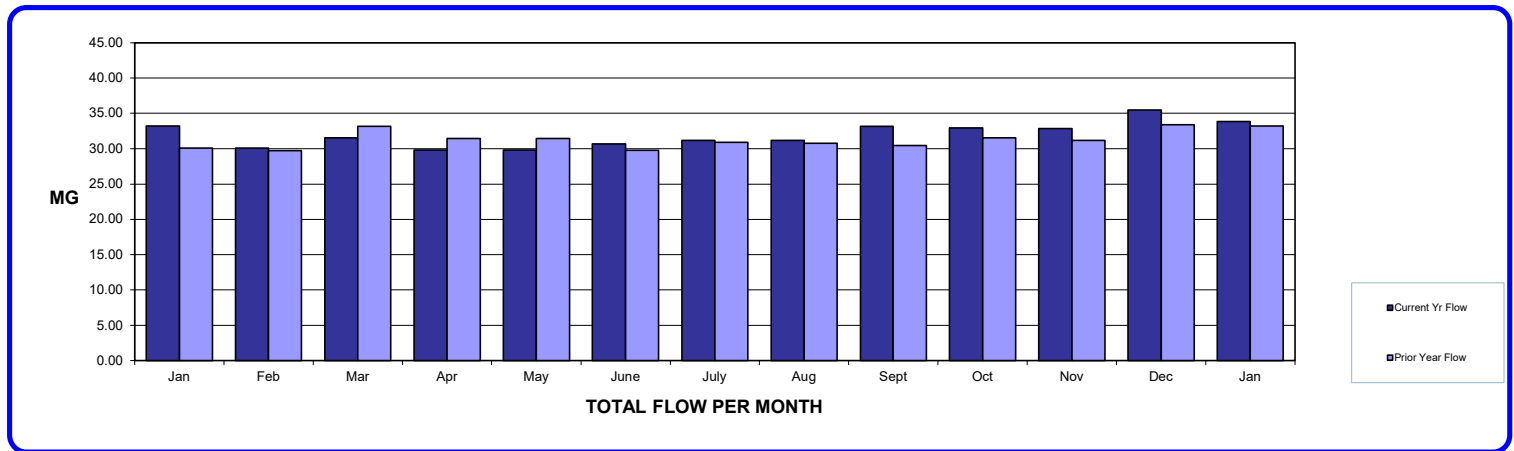
Key	
2017-2018	
2018-2019	
2019-2020	

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Current Yr Avg DailyFlow	1.0720	1.0750	1.0170	0.9940	1.0140	1.0240	1.0050	1.0050	1.1050	1.0620	1.0950	1.1440	1.0930
Prior Year Avg DailyFlow	1.0760	1.0620	1.0710	1.0490	1.0250	0.9920	0.9970	0.9970	1.0150	1.0180	1.0400	1.0770	1.0720
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	33.21	30.11	31.53	29.82	29.82	30.71	31.17	31.16	33.15	32.92	32.84	35.47	33.87	382.57
Prior Year Flow	30.07	29.73	33.19	31.46	31.46	29.75	30.90	30.75	30.46	31.55	31.19	33.38	33.21	377.03
Potential Revenue	\$147,820	\$142,984	\$88,961	\$93,156	\$88,104	\$119,190	\$122,747	\$124,586	\$132,500	\$131,581	\$131,261	\$141,177	\$141,177	\$1,457,424

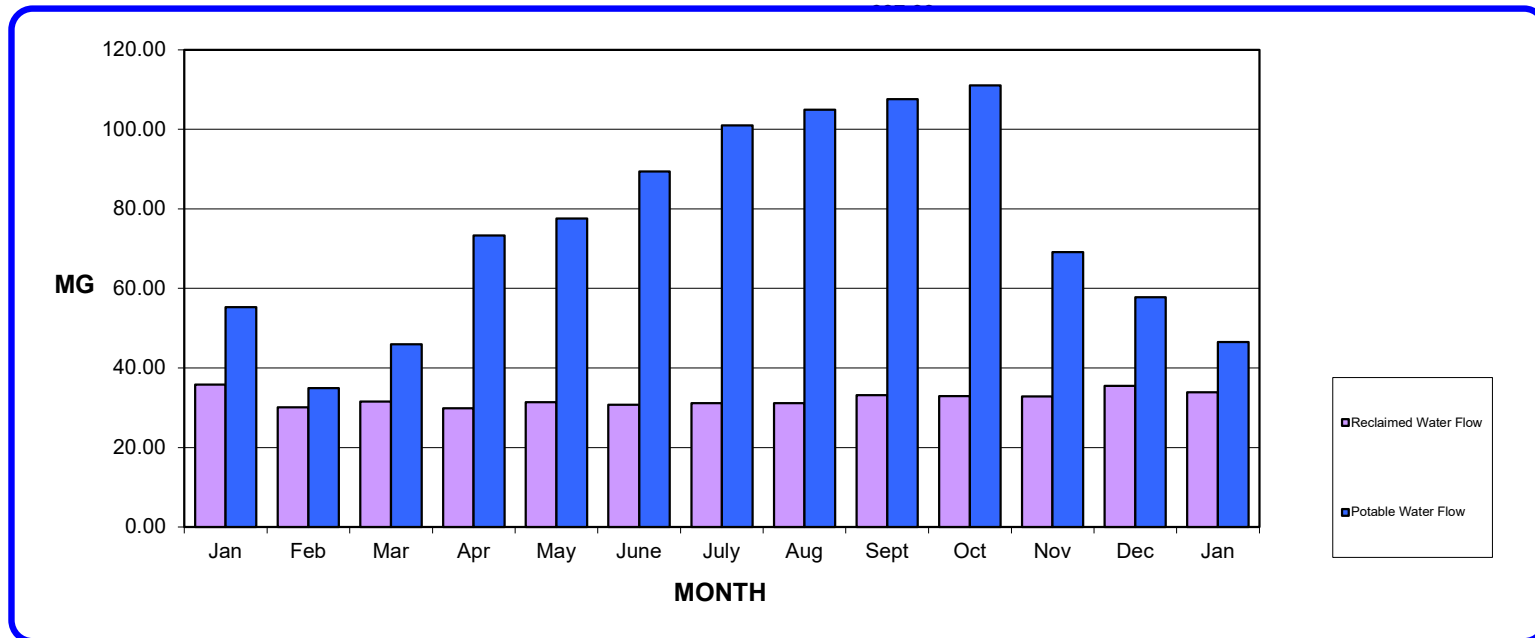


Key
2017-2018
2018-2019
2019-22020

Note - recycled water only

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons) FOR THE MONTH OF JULY 2019

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
No. of Sewer Dwelling Units Connected	6268	6265	6247	6253	6298	6456	6456	6366	6371	6413	6423	6480	6463
Reclaimed Water Flow	35.77	30.11	31.54	29.83	31.43	30.71	31.17	31.16	33.15	32.92	32.84	35.47	33.87
Potable Water Flow	55.28	34.90	45.93	73.34	77.55	89.38	100.94	104.99	107.58	111.02	69.14	57.78	46.53



Month	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Terramor(8)	Harmony Gr	Avg All Resid	AVG IND-BK / IRR (1)	TOTAL		
											RECYCLED	NONPOT-Other	NONPOT-Trilogy Golf
AVG '07-'08	18.1	32.7	15.9	32.2	21.7	37.1	0.03	-	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
AVG '16-'17	18.4	26.4	16.7	24.8	18.5	27.1	26.4	-	19.4	211.0	46,977.4	8,442.6	16,068.4
AVG '17-'18	18.2	22.9	14.0	25.4	18.4	27.1	16.0	-	18.8	378.4	48,106.6	4,904.8	16,348.5
AVG '18-'19	20.3	26.4	15.7	27.1	19.2	27.3	12.9	0.3	19.5	145.9	39,101.6	4,511.4	12,445.3

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

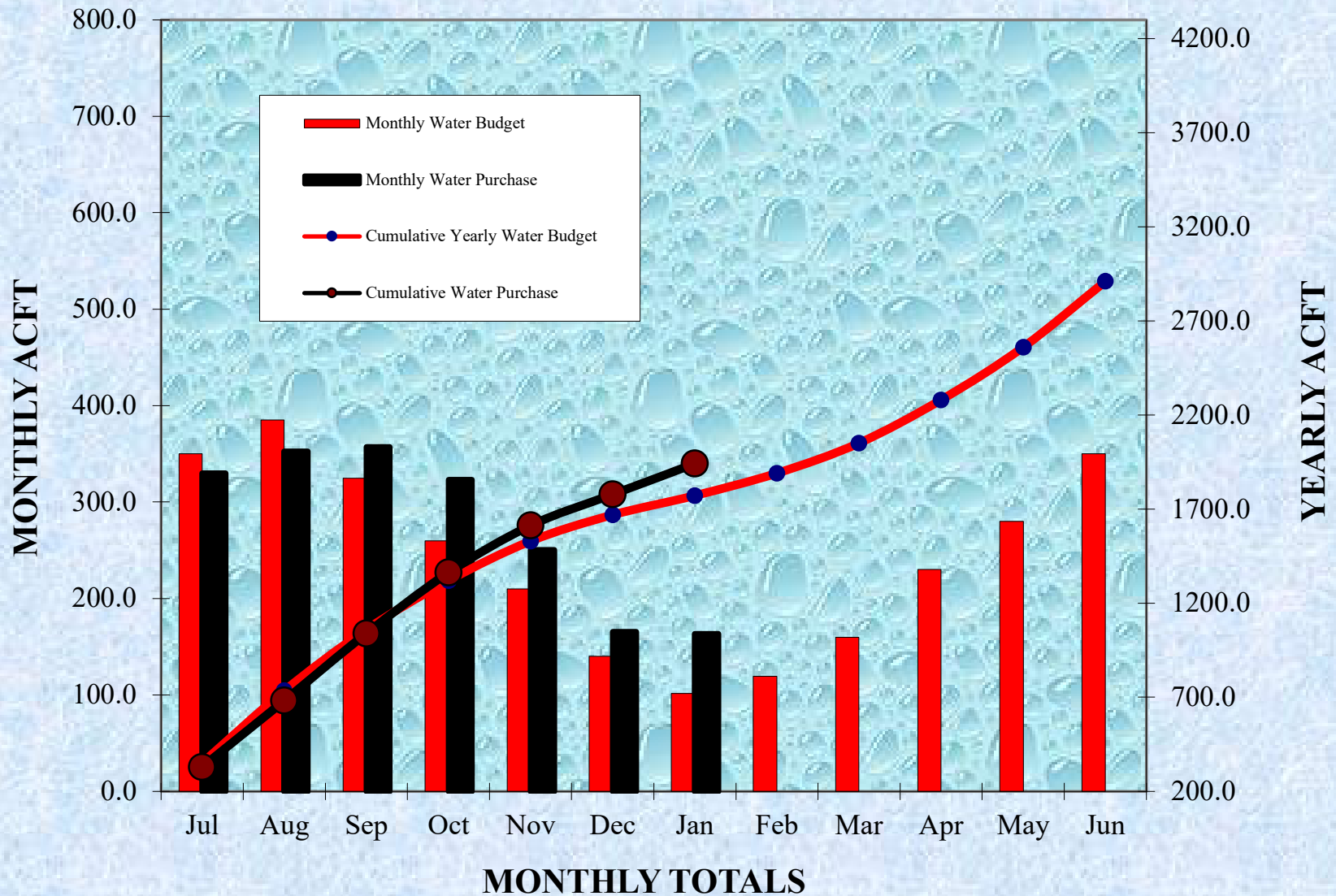
Jul-19	24.9	31.6	20.5	40.9	22.3	29.4	13.9	4.1	23.9	2,709.2	50,645.8	5,744.2	20,891.3
Aug-18	25.1	33.23	20.9	37.8	23.3	37.0	14.4	4.0	25.0	768.2	57,000.9	4,747.5	20,573.5
Sep-19	25.4	32.4	18.0	34.0	22.7	35.4	15.0	5.7	23.8	28.4	63,914.0	4,755.6	23,576.3
Oct-19	28.2	37.6	20.4	35.5	24.6	39.8	17.5	10.1	26.5	45.8	72,791.0	5,748.2	14,940.7
Nov-19	20.9	27.0	13.4	24.7	17.4	27.1	12.2	5.3	18.6	1,030.2	43,509.9	3,159.0	11,407.0
Dec-19	16.0	18.5	7.4	15.1	14.6	18.4	11.5	5.0	13.5	15.8	12,159.8	974.4	1,097.9
Jan-20	13.0	13.5	7.2	12.2	11.6	14.4	9.0	3.24	11.0	5.9	18,777.5	1,351.0	1,690.0
Feb-20													
Mar-20													
Apr-20													
May-20													
Jun-20													
AVG '19-'20													

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

WHOLESALE BUDGET vs PURCHASE

Water Year July 2019 through June 2020

2900 ACFT PROJECTION)





February 25, 2020

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
 - Park Canyon Drive RW line – **The property has been sold and I am working with the new owners to get the necessary easements.**
- Working on Conservation opportunities and RW/NP conversion locations
 - **New District programs for turf and nozzles**
- Working with Land Developers on water and sewer fees for multiple infill projects.
 - Deleo adjacent to Tom's Farms – **no news**
 - Forest Boundary – **home building continues**
 - Retreat Infill – **Kiley Court – Plans signed**
 - Temescal Canyon Road at Campbell Ranch Road – **JCFA completed**
 - Kiley Family Trust Property – **Tract Map Stage**
- Terramor CFD – **CFD 4 annexation of Phase 2 completed**
- Terramor Review:
 - RW and Potable Tank – **Both tanks to be filled Monday 24th**
- Terramor Onsite Water, Sewer and RW improvements
 - **Work continues Improvement Area 2 – Richmond America**
- Sycamore Creek:
 - TM 36317 Water Sewer and RW improvement plans – **TVWD infrastructure is 100% complete – Booster SP complete, accepted by the District and in operation.**
- WRF 225K GPD upgrade
 - **Submittal review continues and contractor on site –new electrical feed completed, working on Bypass Vault and Digester.**

MEMORANDUM

DATE: January 28, 2020
TO: Board of Directors
Temescal Valley Water District
FROM: General Manager
SUBJECT: Project: SOLAR Ready Carports

BACKGROUND

Staff has requested and budgeted for carports in FY 17/18 and 18/19 but was unable to find a contractor that would design and build Solar Ready carports without the installation of solar panels as a condition of the project. We have found a contractor that designs and builds carport structures for some of the larger solar companies and requested a price for the carports and an estimate of the KW's that would be generated if we filled each structure with panels.

FISCAL IMPACT

Purchase and placement of the solar panels needs to be considered with a larger project and will be looked at in the future. The Carport structures are designed for solar panels that can be installed in the future. The attached proposal includes a cover for our equipment.

General Building Improvement Budget -	\$71,000.00
Carport Cost including Equipment Cover -	\$73,668.54

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the purchase and installation of Solar Ready Car and Equipment storage Covers.

Respectfully submitted,



Jeff Pape
General Manager



QUOTE DOCUMENT

Baja Construction Inc., 223 Foster St., Martinez, CA 94553
Tel: (800) 366-9600, (925) 229-0732

Quote #: B1069
Date: 1/21/2020
Sales: Bob Hayworth

Customer: Jeff Pape	Prepared for: Jeff Pape	Estimator: Ramon Monge
Project: Lee Lake Water District	Email: jeffp@temescalvwd.com	Email: ramon@bajacarports.com
Job site: 22646 Temescal Canyon Rd, Corona, CA	Phone: 951-667-6323	Phone: 925-293-4860

Structure Description:

Cold Form Light Gauge Hi Tensile Strength Open Cee Brase Single Post carports, as described on the summary of structure dimensions.

Planned Locations of Structures:	Paved parking lots as shown on customer issued layout.	Assumed Surface Condition:	Existing Asphalt
----------------------------------	--	----------------------------	------------------

Design Load considered:

Code:	IBC	Risk Category:	II
Wind speed:	110 MPH	Exposure:	C
Snow load:	0 PSF	Seismic cat.:	D
		Live Load:	20

Building Data:

Structure Type:	Brase Single Post Open Cee	Tilt (DEG):	5
Max Bay spacing:	18 ft	Total SQ FT:	7,176.91
Max Clear Ht:	9 ft	Total No. of Structures:	5
		Estimated Frames:	19.00

Roof sheeting

Type of sheet:	N/A
Finish:	N/A
Gauge:	N/A

Roof Trim

Type of Trim:	N/A
Finish:	N/A
Gauge:	N/A

Customer Supplied PV Panel and attachments:

HANWHA Q CELL Q.PLUS L-G4.2 350
Customer Issued PV Design Layout:
PORTRAIT

INCLUDED ITEMS:

- Wet stamped engineering plans and calcs for materials supplied by Baja.
- Engineering, Materials, Labor and Equipment to install the planned carports at non-prevailing wage rates.
- Freight for material delivery to jobsite.
- Columns, beams hi-tensile strength light gauge, secondary cee purlins G90 finish.
- Pricing includes foundation work - drilling pier footings and concrete placement. Foundation design based upon 2000 psi soil bearing pressure assumption.

EXCLUDED ITEMS:

- Permits and permit fees.
- Hiring any special inspections or 3rd party engineering lab inspections.
- PV panels, and attachment accessories.
- Any electrical work scope, including the grounding of the primary structures.
- Field Painting and touch up.
- Water management, weathertight guarantee or warranty.
- Prevailing wage rates and Certified Payroll.
- Removal of spoils, any hard dig, alternate spread footings, large capacity machinery, any crane lifts, painting, snow guards, cleats or snow management systems.
- Temporary construction fencing, safety cones, delineators, temporary traffic signs, temp. power, water hook up.
- Concrete Work.
- Performance Bonds.

Notes:

- If no geotechnical report was provided at time of bid. Estimated drillable pier footing dimensions 30" diameter x 8'-0" depth).
- Asphalt finished grade only – break the asphalt using a jack hammer equipped asphalt cutter bit
- Assumed 2500, 3000 psi concrete industry standard 5 sack, 1" aggregate mixed.
- Baja to call Underground Service Alerts for all public underground lines.
- Assumes grade variance is not more than 6" across the width or depth. Site is considered level unless otherwise noted. The structure will be built to follow slope of the ground.

Base Bid Price : Engineering, Supplied and Installed Solar Support Structures: \$73,668.54

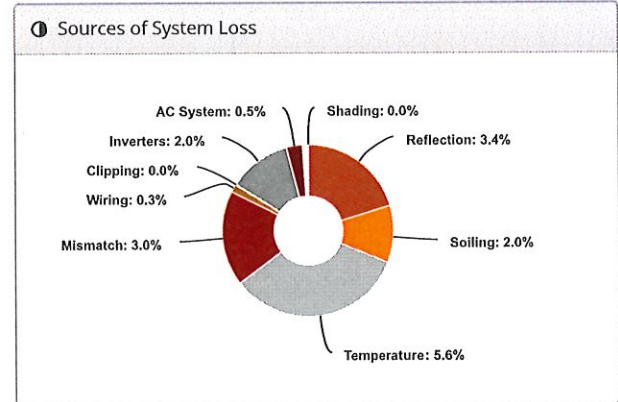
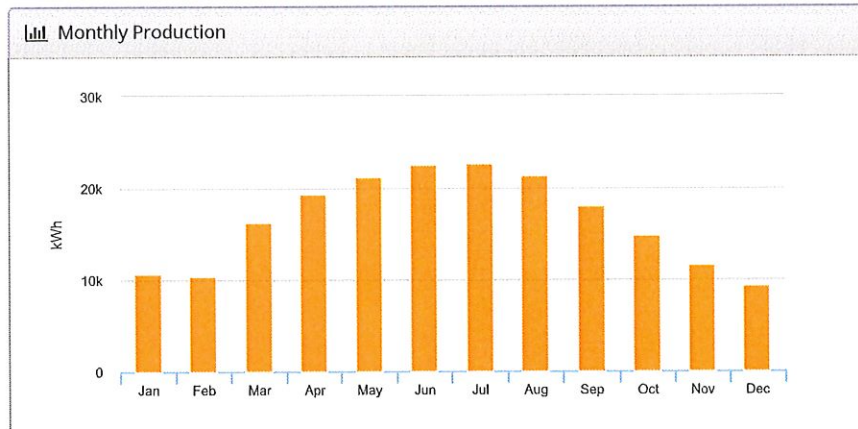
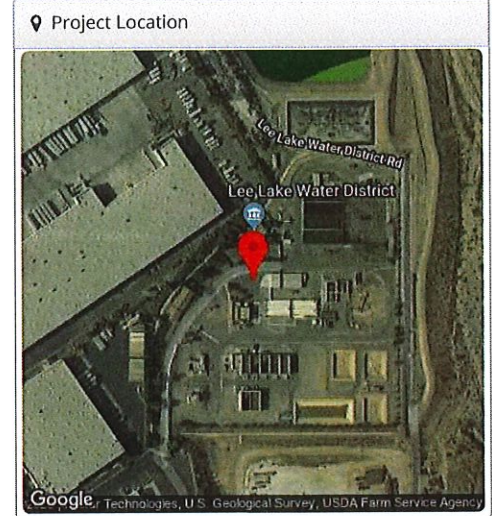
Options:

TOTAL
Pricing quotation is good for 30 days of issuance, unless specified and mutually agreed prior to issuance of quote. If price quote is accepted, a formal proposal will be prepared and issued for execution. Once proposal is executed and downpayment is received, preliminary drawings will be prepared for review. Once preliminary drawings are approved, engineering submittal package will be prepared and supplied. Please allow three weeks for wet stamped engineering and calculations.

Baja Carports Lee Lake Water District, 22646 Temescal Canyon Rd, Corona, CA 92883

Report	
Project Name	Lee Lake Water District
Project Address	22646 Temescal Canyon Rd, Corona, CA 92883
Prepared By	Darren Kelly dkelly@bajacarports.com

System Metrics	
Design	Baja Carports
Module DC Nameplate	114.1 kW
Inverter AC Nameplate	120.0 kW Load Ratio: 0.95
Annual Production	198.1 MWh
Performance Ratio	84.3%
kWh/kWp	1,736.3
Weather Dataset	TMY, 10km grid (33.75,-117.45), NREL (prospector)
Simulator Version	54fdca6c88-3e336f7dcd-daa9dbfcd8-3bc3db9703



Annual Production

	Description	Output	% Delta
Irradiance (kWh/m ²)	Annual Global Horizontal Irradiance	1,997.3	
	POA Irradiance	2,058.7	3.1%
	Shaded Irradiance	2,058.6	0.0%
	Irradiance after Reflection	1,988.3	-3.4%
	Irradiance after Soiling	1,948.6	-2.0%
	Total Collector Irradiance	1,948.6	0.0%
Energy (kWh)	Nameplate	222,205.4	
	Output at Irradiance Levels	222,608.5	0.2%
	Output at Cell Temperature Derate	210,037.3	-5.6%
	Output After Mismatch	203,698.0	-3.0%
	Optimal DC Output	203,176.3	-0.3%
	Constrained DC Output	203,171.0	0.0%
	Inverter Output	199,108.0	-2.0%
	Energy to Grid	198,112.0	-0.5%
Temperature Metrics			
	Avg. Operating Ambient Temp		18.8 °C
	Avg. Operating Cell Temp		29.6 °C
Simulation Metrics			
	Operating Hours	4666	
	Solved Hours	4666	

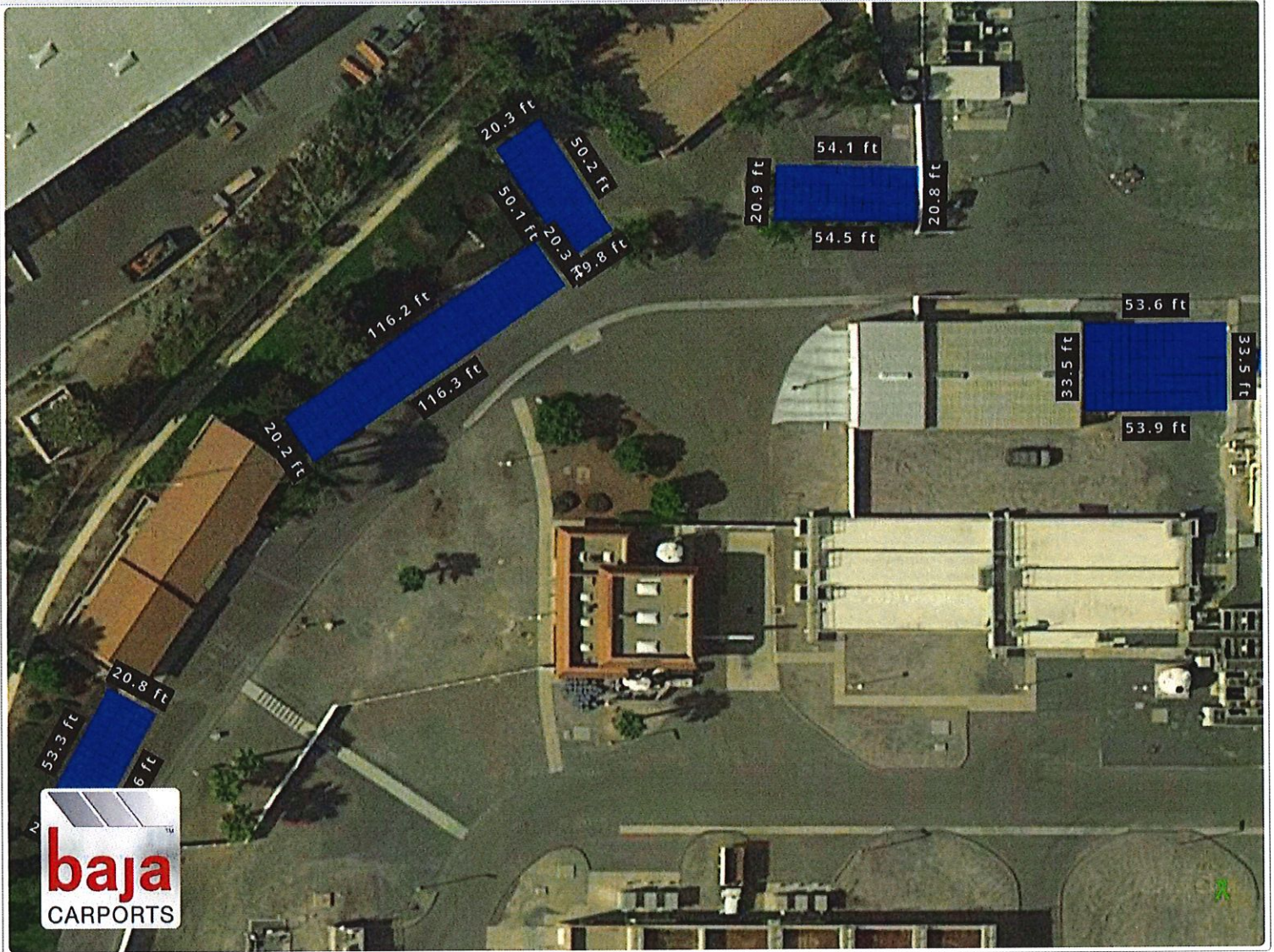
Condition Set												
Description	Condition Set 1											
Weather Dataset	TMY, 10km grid (33.75,-117.45), NREL (prospector)											
Solar Angle Location	Meteo Lat/Lng											
Transposition Model	Perez Model											
Temperature Model	Sandia Model											
Temperature Model Parameters	Rack Type	a		b		Temperature Delta						
	Fixed Tilt	-3.56		-0.075		3°C						
	Flush Mount	-2.81		-0.0455		0°C						
Soiling (%)	J	F	M	A	M	J	J	A	S	O	N	D
	2	2	2	2	2	2	2	2	2	2	2	2
Irradiation Variance	5%											
Cell Temperature Spread	4° C											
Module Binning Range	-2.5% to 2.5%											
AC System Derate	0.50%											
Module Characterizations	Module	Uploaded By		Characterization								
	Q.PLUS L-G4.2 350 (Hanwha Q Cells)	Folsom Labs		Hanwha_Qcells_QPLUS_L-G4.2_350_64.pan, PAN								
Component Characterizations	Device	Uploaded By		Characterization								
	SCA30KTL-DO (Chint Power Systems)	Folsom Labs		Spec Sheet Efficiency								

Components		
Component	Name	Count
Inverters	SCA30KTL-DO (Chint Power Systems)	4 (120.0 kW)
Home Runs	500 MCM (Copper)	8 (688.3 ft)
Combiners	1 Input Combiner	8
Combiners	2 Input Combiner	4
Combiners	3 Input Combiner	4
Strings	10 AWG (Copper)	20 (2,441.7 ft)
Module	Hanwha Q Cells, Q.PLUS L-G4.2 350 (350W)	326 (114.1 kW)

Wiring Zones			
Description	Combiner Poles	String Size	Stringing Strategy
Wiring Zone	12	14-19	Along Racking

Field Segments									
Description	Racking	Orientation	Tilt	Azimuth	Intrarow Spacing	Frame Size	Frames	Modules	Power
Field Segment 1	Carport	Portrait (Vertical)	5°	118.385°	0.0 ft	1x1	48	48	16.8 kW
Field Segment 2	Carport	Portrait (Vertical)	5°	145.24630460377944°	0.0 ft	1x1	105	105	36.8 kW
Field Segment 3	Carport	Portrait (Vertical)	5°	181.43928962788243°	0.0 ft	1x1	48	48	16.8 kW
Field Segment 4	Carport	Portrait (Vertical)	5°	236.5404977466094°	0.0 ft	1x1	45	45	15.8 kW
Field Segment 5	Carport	Portrait (Vertical)	5°	179.80756932339136°	0.0 ft	1x1	80	80	28.0 kW

Detailed Layout



MEMORANDUM

DATE: February 25, 2020
TO: Board of Directors
Temescal Valley Water District
FROM: General Manager
SUBJECT: 2020 Rate Adjustments per 2016 Rate Study and 2017 Five Year Rate adoption

BACKGROUND

Per the recommendations of the 2016 Raftelis Water, Wastewater and Recycled Water Financial Plan and Rate Study, the District held a Public Hearing on January 24, 2017 and subsequently adopted a five-year rate adjustment plan. This plan includes provision for the adjustment of Potable Water and Recycled/Non-potable Water Fixed Meter Charges, WMWD Readiness to Serve (RTS) charges, WMWD Capacity Charges, Potable Water and Recycled/Non-Potable Water Commodity Charges and Pumping Charges. The five-year schedule of charges was detailed in the attached Notice sent to all District customers.

On February 20, 2020 the Finance Committee met with IB Consulting to discuss the 2020 interactive and updated financial plan and review if the District is meeting the financial goals of our five-year plan. The previously adopted and noticed, five-year rate adjustment, was reviewed at that time and recommendations were discussed for Board adoption. With the proposed changes in the charges, the average Residential customer using 18 units of water will see their water bill increase by approximately 3% per month. The following charges are recommended for adjustment:

<u>CHARGE TYPE</u>	<u>CURRENT RATE</u>	<u>2020 NOTICED</u>	<u>2020 PROPOSED</u>
1. Potable, Recycled/Non-Potable Base Fixed Rate	\$21.51	\$22.48	\$22.48
2. WMWD (RTS) (Pass Through)	\$1.80	\$2.27	\$1.72
3. Potable Commodity Rates (Commodity increase - \$34.85 per ACFT or \$0.08 per CCF)			
a. Tier 1	\$2.72	\$2.93	\$2.80
b. Tier 2	\$3.06	\$3.32	\$3.14
c. Tier 3	\$3.36	\$3.66	\$3.44
d. Non-Residential/Commercial	\$2.96	\$3.20	\$3.04
e. Irrigation	\$3.11	\$3.37	\$3.19
f. Recycled/Non-Potable	\$2.30	\$2.39	\$2.38
4. Pumping Rates			
a. Zone A	\$0.00	\$0.00	\$0.00
b. Zone B	\$0.19	\$0.20	\$0.20
c. Zone C	\$0.20	\$0.21	\$0.21
d. Zone D	\$0.25	\$0.29	\$0.29
e. Zone E	\$0.30	\$0.32	\$0.32
5. Sewer Service Charges	\$37.45	\$38.57	\$38.57

RECOMMENDATION

Approve proposed rates and send notice to customers on the pass through charges of the new rates on April 1, 2020.

Respectfully submitted,

Jeff Pape
General Manager



Established in 1965

**TEMESCAL VALLEY WATER DISTRICT
NOTICE OF PUBLIC HEARING
ON
PROPOSED ADJUSTMENTS TO POTABLE WATER, SEWER TREATMENT AND
RECYCLED/NON-POTABLE WATER SERVICE CHARGES**

The Temescal Valley Water District (District) will conduct a public hearing at its offices at 22646 Temescal Canyon Road, Temescal Valley, CA 92883 on January 24, 2017 at 8:30 a.m., to consider adjustments to its water meter charges, potable water and recycled/non-potable commodity charges, pumping charges and its sewer service charges. At the public hearing, the District will also consider annual adjustments to these rates each year through 2021, as well as passing through wholesale water costs charged by agencies from which the District purchases potable and recycled water. The purpose of this notice is to provide you background information regarding the proposed rate adjustments, as well as an opportunity to provide comments on and submit a written protest against the proposed rates. The District provides potable water, recycled/non-potable water and sewer treatment services to properties located within the District's boundaries. The District collects monthly service charges to cover the cost of operating, maintaining and making capital replacements to its potable water, recycled/non-potable and sewer treatment and collection systems.

The District has hired Raftelis Financial Consultants, Inc., to prepare a 2016 Water, Wastewater and Recycled Water Financial Plan and Rate Study (the "Rate Study"). A copy of the Rate Study is on the District's Web Site and at the District office for public review. Based on the findings and recommendations of the Rate Study and direction by the District's Board of Directors, the District is proposing to annually adjust its potable water, recycled/non-potable water and sewer service charges through the water year ending (WYE) December 30, 2021 to allow the District to (a) fully meet known and budgeted operating, maintenance, and capital replacement costs, (b) build and maintain adequate reserves, (c) meet expected future costs, and (d) equitably allocate those costs among the District's potable water, recycled/non-potable water and sewer customers and ensure that the amount of each fee will not exceed the proportionate cost to provide that service to each parcel or customer.

How the Rates for the District's Water Service Fees Are Calculated

The District's water service fees are structured to proportionally allocate the cost of providing water service among its customer classes and are billed on a monthly basis. The proposed rates are for (a) potable customers, which includes single-family residential customers, non-residential customers and irrigation customers not connected to the recycled system as well as (b) recycled/non-potable customers. Customer classes are further defined in the District's Rules and Regulations which is available at the District's Administration Office. The rate structure for the District's water service fees has two components: (1) a fixed meter charge and (2) a variable commodity charge. The meter charge applies to all water customers, and is established on the basis of the size of the water meter serving a property (in inches) and is calculated to recover a significant portion of the District's administrative fixed costs, such as billing, management, collections, customer service and a portion of capital costs. The potable water commodity charges, the recycled/non-potable commodity charges, and pumping charges for each type of water service, are determined on the basis of the amount of water delivered to a property in units, with one unit equal to one hundred cubic feet (ccf) or 748 gallons, and are calculated to recover the remaining portion of the District's fixed costs that are not covered by the meter charge, and the cost of water supply, operation and maintenance, capital projects and reserves.

POTABLE WATER and RECYCLED/NON-POTABLE BASE FIXED METER CHARGES

The District is proposing to adjust its water fixed meter charges on February 1, 2017, and to increase the adjusted meter charges on January 1 of each year thereafter, continuing until January 1, 2021, to reflect projected future fixed cost increases as shown in the rate study and in the tables below. The District is also proposing to modify the existing tiered structure for water variable commodity charges. The revised rate structure for water service will allow the District to recover the actual cost of providing water service to District customers. The District has experienced increased costs and reduced revenues that do not cover the cost of the water service due to the reduction in water production resulting from drought conditions and associated water conservation. The proposed water rate adjustments also provide for automatic pass-through wholesale water costs charged to the District by Western Municipal Water District (WMWD) - our wholesale water supplier.

Proposed Monthly Base Fixed Meter Charges for Potable and Recycled/Non-potable

Meter Size	2017 Proposed Base Fixed Charge	2018 Proposed Base Fixed Charge	2019 Proposed Base Fixed Charge	2020 Proposed Base Fixed Charge	2021 Proposed Base Fixed Charge
Residential	\$19.69	\$20.58	\$21.51	\$22.48	\$23.50
5/8"	\$19.69	\$20.58	\$21.51	\$22.48	\$23.50
3/4"	\$26.47	\$27.67	\$28.92	\$30.23	\$31.60
1"	\$40.03	\$41.84	\$43.73	\$45.70	\$47.76
1 1/2"	\$73.93	\$77.26	\$80.74	\$84.38	\$88.18
2"	\$114.61	\$119.77	\$125.16	\$130.80	\$136.69
3"	\$243.43	\$254.39	\$265.84	\$277.81	\$290.32
4"	\$433.27	\$452.77	\$473.15	\$494.45	\$516.71
6"	\$887.53	\$927.47	\$969.21	\$1,012.83	\$1,058.41
8"	\$1,904.53	\$1,990.24	\$2,079.81	\$2,173.41	\$2,271.22
10"	\$2,853.73	\$2,982.15	\$3,116.35	\$3,256.59	\$3,403.14

This base fixed charge includes three components:
Customer Service, Meter Capacity and Western Municipal Water District Capacity Charge

Service Charge Pass-Through Adjustments

The District anticipates that WMWD will increase the rates for wholesale water that it sells and delivers to the District and may increase or decrease the Readiness to Serve (RTS) costs or impose other charges on the District related to its wholesale water service. In the financial plan, the District included projected increases in these costs as part of its five-year financial projection, but the actual adjustment will be determined at the point in time when WMWD makes any adjustments. To ensure that there are sufficient revenues to provide water services, the District is proposing to annually pass through to its customers any increases in the rates for wholesale water and any other charges that the WMWD imposes on the district (each a WMWD pass-through adjustment). Any WMWD pass-through adjustment will impact the rates of the commodity charges for all potable customer classes, including potable, multi-family, non-residential, and irrigation customers as well as non-potable customers when potable water is used as a supplemental supply. If approved, the District's Board of Directors may implement any WMWD pass-through adjustment whenever WMWD imposes it within the five-year period commencing January 1, 2018. Provided, however, that (1) in no event shall such rates be increased by more than the cost of the WMWD wholesale water cost charged to the District; and (2) the District shall provide all customers at least 30 days' written notice prior to implementing any WMWD pass-through adjustment.

Proposed 2017 Readiness to Serve Pass-through Charge for all Meter Sizes = \$2.27
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Proposed 2017 Monthly Meter Service Charge with WMWD RTS Pass-through

Meter Size	Capacity Ratio	Customer Service	Meter Capacity	WMWD Capacity	2017 Proposed Base Fixed Charge	WMWD RTS Pass-Through	FY 2017 Proposed Monthly Service Charge (\$ / Meter)
Residential	1.00	\$6.13	\$12.71	\$0.85	\$19.69	\$2.27	\$21.96
5/8"	1.00	\$6.13	\$12.71	\$0.85	\$19.69	\$2.27	\$21.96
3/4"	1.50	\$6.13	\$19.07	\$1.28	\$26.47	\$2.27	\$28.74
1"	2.50	\$6.13	\$31.78	\$2.13	\$40.03	\$2.27	\$42.30
1 1/2"	5.00	\$6.13	\$63.55	\$4.25	\$73.93	\$2.27	\$76.20
2"	8.00	\$6.13	\$101.68	\$6.80	\$114.61	\$2.27	\$116.88
3"	17.50	\$6.13	\$222.43	\$14.88	\$243.43	\$2.27	\$245.70
4"	31.50	\$6.13	\$400.37	\$26.78	\$433.27	\$2.27	\$435.54
6"	65.00	\$6.13	\$826.15	\$55.25	\$887.53	\$2.27	\$889.80
8"	140.00	\$6.13	\$1,779.40	\$119.00	\$1,904.53	\$2.27	\$1,906.80
10"	210.00	\$6.13	\$2,669.10	\$178.50	\$2,853.73	\$2.27	\$2,856.00

Potable Water Commodity Rate Structure and Zone Pumping Rates

The District is also proposing to modify the existing 5-Tier structure for water commodity charges to a 3-Tier model. The revised rate structure will allow the District to increase the amount of water in Tier 1 – the lowest rate tier – to cover the actual cost of providing inside household water use. Tier 2 covers the costs of water service without additional capital facilities or programs needed to mitigate the effects of increased water demands. Tier 3 covers the cost of additional facilities and programs to mitigate customer water usage above the Tier 1 and 2 level, as that level of water delivery cannot reliably be met with existing facilities and programs. The District is proposing to adjust its commodity charges on February 1, 2017, and to increase the adjusted charges on January 1 of each year thereafter continuing until January 1, 2021, as shown in the tables below, to reflect projected future fixed cost increases as shown in the rate study.

Customer Classes	Tier Width	2017 Proposed Commodity Rates	2018 Proposed Commodity Rates	2019 Proposed Commodity Rates	2020 Proposed Commodity Rates	2021 Proposed Commodity Rates
Commodity Rates						
Residential						
Tier 1	(0-7 ccf)	\$2.55	\$2.67	\$2.80	\$2.93	\$3.07
Tier 2	(8-18 ccf)	\$2.89	\$3.03	\$3.17	\$3.32	\$3.47
Tier 3	(19 ccf & Above)	\$3.19	\$3.34	\$3.50	\$3.66	\$3.83
Non-Residential	Uniform	\$2.79	\$2.92	\$3.06	\$3.20	\$3.35
Irrigation	Uniform	\$2.94	\$3.08	\$3.22	\$3.37	\$3.53
Pumping Rates						
Zone A	Per ccf	-	-	-	-	-
Zone B	Per ccf	\$0.17	\$0.18	\$0.19	\$0.20	\$0.21
Zone C	Per ccf	\$0.18	\$0.19	\$0.20	\$0.21	\$0.22
Zone D	Per ccf	\$0.22	\$0.23	\$0.25	\$0.27	\$0.29
Zone E	Per ccf	\$0.26	\$0.28	\$0.30	\$0.32	\$0.34

Recycled and Non-Potable Commodity and Pumping Rates

The District is proposing to adjust its commodity charges on February 1, 2017, and to increase the charges on January 1 of each year thereafter continuing until January 1, 2021, as shown in the tables below, to reflect projected future fixed cost increases as shown in the rate study. The District proposes to maintain a uniform commodity rate structure for recycled/non-potable customers, however, it is proposed that a pass-through provision be included in the rates. Under this approach, in instances where recycled/non-potable demand is greater than available recycled water supply or the well field is depleted or restricted due to drought or other causes and the District supplements potable water from WMWD into the recycled/non-potable system, the incremental cost incurred by the District would increase the commodity rate to \$2.44 for Calendar Year 2017. This increase in rate would be passed-through to the recycled customers to ensure that there are sufficient revenues to provide our services. The District is proposing this pass-through to its customers on a Month-to-Month basis and any cost incurred for the purchase of wholesale water and any other charges that are imposed on the District (each as pass-through adjustments) shall be added to the then existing commodity rate. Any pass-through adjustment will impact the rates of the commodity charges for all recycled/non-potable customers set forth in the table below. If approved, the District's Board of Directors may implement any pass-through adjustment at any time for the five-year period commencing January 1, 2017 when it determines that insufficient recycled water or non-potable water is available to meet customer needs. Provided, however, that (1) any increase in the rates for the commodity charges described above as a result of any pass-through adjustment shall not exceed the actual wholesale cost of the supplemental water; (2) in no event shall such rates be increased by more than the cost of providing water service; and (3) the District shall provide all customers at least 30 days' written notice prior to implementing any pass-through adjustment.

PROPOSED RECYCLED COMMODITY RATE

Per ccf

	2017 Proposed Commodity Rates	2018 Proposed Commodity Rates	2019 Proposed Commodity Rates	2020 Proposed Commodity Rates	2021 Proposed Commodity Rates
Recycled and Non-Potable Uniform Rate	\$1.99	\$2.21	\$2.30	\$2.39	\$2.49

PROPOSED PUMPING RATES

Per ccf

Elevation Zone	2017 Proposed Pumping Rates	2018 Proposed Pumping Rates	2019 Proposed Pumping Rates	2020 Proposed Pumping Rates	2021 Proposed Pumping Rates
Zone A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Zone B	\$0.17	\$0.18	\$0.19	\$0.20	\$0.21
Zone C	\$0.18	\$0.19	\$0.20	\$0.21	\$0.22
Zone D	\$0.22	\$0.23	\$0.25	\$0.27	\$0.29
Zone E	\$0.26	\$0.28	\$0.30	\$0.32	\$0.34

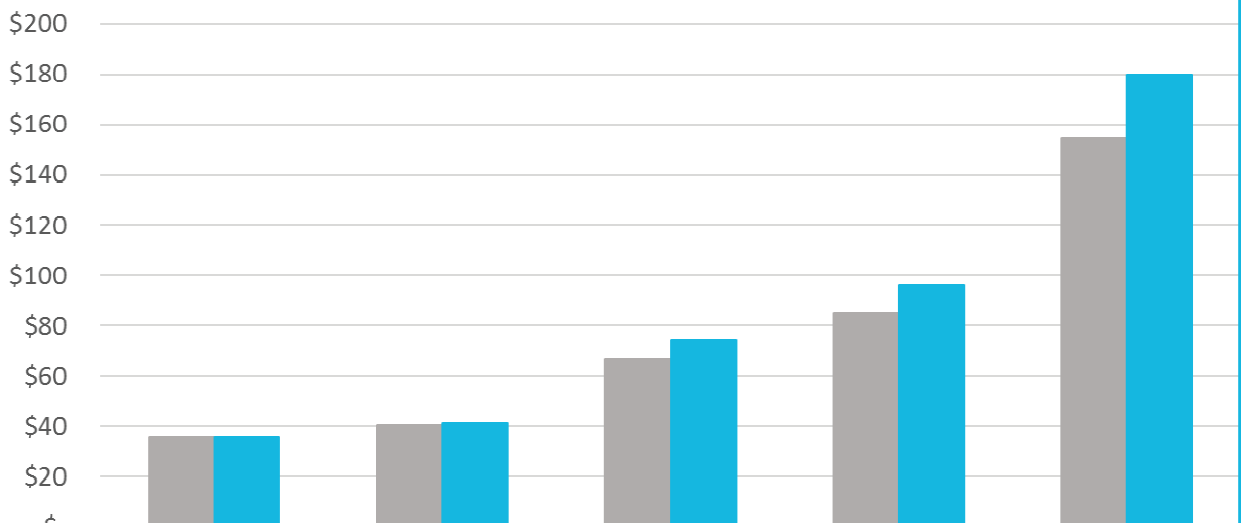
2017 Sample Monthly Service Fee Impact for Single Family Residential Home in Pumping Zone B

Includes Meter Service Charge, Water Commodity and Pumping Charge

18 ccf Example

Meter Service Charge = \$21.96
18 Units (ccf) of Water = \$49.64
18 Units (ccf) Pumping Charge = \$3.06

Sample Residential Bills at Different Usage Levels - 5/8" meter



	5 ccf	7 ccf	18 ccf	25 ccf	50 ccf
Current Bill	\$35.70	\$40.46	\$66.64	\$85.25	\$154.50
Proposed Bill	\$35.56	\$41.00	\$74.66	\$96.08	\$180.08
Impact \$	-\$0.14	\$0.54	\$8.02	\$10.83	\$25.58

SEWER SERVICE CHARGES

The District is proposing to **NOT** change the structure of the Sewer Service Charge (SSC) for calendar year 2017 and only index the SSC to the lesser of 3.0% or the LA-Riverside-Orange County Consumer Price Index increase for the prior year commencing on January 1, 2018 and continuing through 2021. These projected future fixed cost increases are shown in the rate study and in the tables below.

	2017 Proposed Commodity Rates	2018 Proposed Maximum Commodity Rates	2019 Proposed Maximum Commodity Rates	2020 Proposed Maximum Commodity Rates	2021 Proposed Maximum Commodity Rates
SEWER SERVICE CHARGE per EDU	\$35.30	\$36.36	\$37.45	\$38.57	\$39.72



Public Hearing

Any record owner of a parcel upon which water and sewer fees are proposed for imposition, or any tenant directly responsible for the payment of water service fees (i.e., a customer of record who is not a property owner) may submit a written protest of the proposed rate increases and pass-through adjustments; however, only one written protest will be counted per identified parcel. Any protest must: (1) be in writing; (2) state that the identified property owner or tenant is opposed to the proposed water rate increases and pass-through adjustments; (3) provide the location of the identified parcel (by street address or assessor's parcel number); and (4) include the name and signature of the property owner or tenant submitting the written protest.

Written protests may be submitted by U.S. mail or in person to 22646 Temescal Canyon Road, Temescal Valley, CA 92883, or at the public hearing to be held at the District Office at 8:30 a.m. on January 24, 2017. To be counted, all written protests must be received prior to the conclusion of the public comment portion of the public hearing. Any protest submitted via e-mail or other electronic means will not be accepted as a qualified formal protest, unless it is a scanned copy of a protest letter containing the signature of the author of such letter. Please identify on the front of the envelope, whether mailed or submitted in person, Attn: Board Secretary - Public Hearing on Proposed Service Fee Increases.

The District's Board of Directors will hear public comments and consider the written protests regarding the rate increases to the District's potable water, recycled/non-potable water and sewer treatment services fees at the public hearing. Oral comments at the public hearing will not qualify as formal protests unless accompanied by a proper, written protest. Upon the conclusion of the public hearing, the board of directors will consider adoption of the increases in the rates for service fees and the pass-through adjustments as described in this notice. If a majority of the affected property owners and tenants timely file written protests, the proposed increases will not be imposed.

Timing of Service Fee Increases

As previously noted, if adopted, the rates described in this notice will be in effect and applied to services provided on and after February 1, 2017, January 1, 2018, January 1, 2019, January 1, 2020 and January 1, 2021 respectively. Service fee increases related to the District's costs that are included in the proposed rates are the maximum that may be implemented without the District providing additional notification to property owners and customers.

If you have any questions regarding this notice, your customer classification, or the impact the proposed rate increases may have on your service fees, please contact the District at (951) 277-1414 or visit our website at www.Temescalvwd.com.



Temescal Valley Water District

Notice of Water Rate Pass-Through and Inflation Adjustment

On January 24, 2017 the Temescal Valley Water District adopted a new five-year rate adjustment plan. This plan included provision for the adjustment of Potable Water and Recycled/Non-potable Water Charges, Pass-Through Charges from Western Municipal Water District (WMWD) and Inflation Adjustment for the Sewer Service Charge. These Pass-Through charges are the WMWD Readiness to Serve (RTS) charge, WMWD Capacity Charge and WMWD Commodity Charges. The five-year automatic adjustment of charges was detailed in the Notice sent to all District customers and is on www.Temescalvwd.com. The following Pass-Through and Inflation charges will apply March 30, 2020.

Charge Type	2019	2020	% Change
WMWD Ready to Serve Fee	\$1.80	\$1.72	-4.0%
Potable Water Commodity Fee \$0.08 increase, applies to Tier 1, Tier 2, Tier 3, Non-residential and Irrigation	\$2.72	\$2.80	+3.0%
Sewer Service Charge per EDU - The lesser of LA-Riverside-Orange County Consumer Price Index or 3%	\$37.45	\$38.57	+3.0%



Temescal Valley Water District
22646 Temescal Canyon Road
Temescal Valley, CA 92883-4106

PRESORTED
FIRST CLASS
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PAID
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PERMIT No. 4508

February 20, 2020

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – January 2020

Dear Board Members:

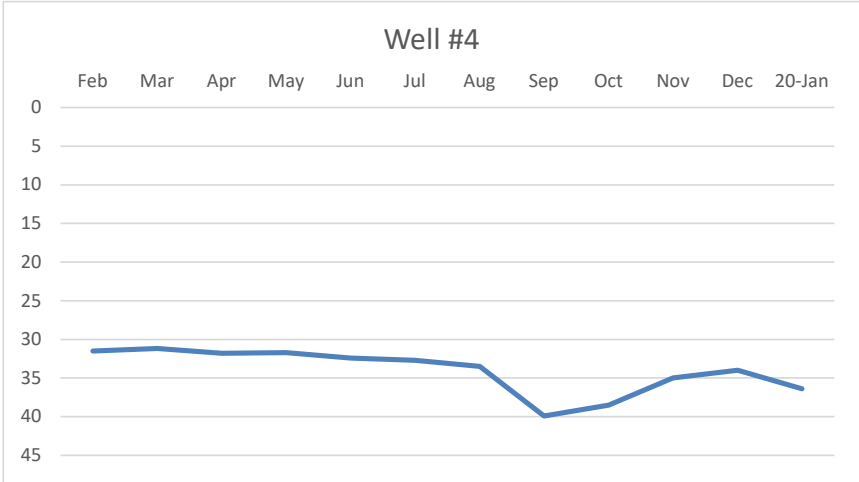
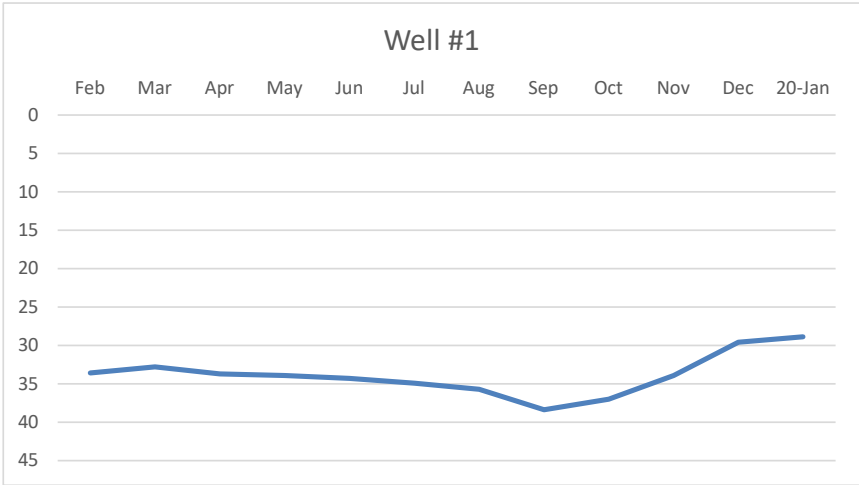
Temescal Valley Water District operations personnel perform the following tasks on a regular and routine basis:

- Managed 188.9 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. Collected monthly and weekly wastewater samples as required by Regional Water Quality Control Board.
- Submitted monthly SMR for 2019 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 5840 water meters.
- 14 shut offs.
- Responded 146 service calls.
- Installed 35 meters for the various developers
- Responded to 98 USA Dig Alerts to mark District underground utilities.

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

- Maintained aesthetic appearance of all District facilities.
- 2 loads of biosolids were hauled off this period.
- TVWD had an inspection by the Regional Water Quality Control Board at our Wastewater Facility with no issues to report.

Sincerely,
Paul Bishop, Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER’S MONTHLY REPORT

Date: February 20, 2020
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of February 2020

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

PLAN CHECKING & DEVELOPER RELATED PROJECTS

Tract 33688 Water, Sewer and Recycled Plan Check (10555, Phase 6) – 2nd plan check completed, comments returned to the Engineer for incorporation.

Tract 37153 “Motor Court Development” (10555, Phase 11) – 2nd plan check completed and comments were returned to the Engineer for incorporation. Currently under review by the County of Riverside.

Speedway Commercial Development (10555, Phase 13) – The 3rd plan check was completed and the provided plans are acceptable. Developer is producing final mylars for approval.

CAPITAL IMPROVEMENT PROJECTS **Status**

Dawson Canyon 1320 Potable Water Reservoir Design (1401.1810): Dawson Canyon Reservoir Design: Completed the 90% design submittal for the reservoir portion of the project. The preliminary alignment for the pipeline has been created and easement documents are currently being processed by the landowner for both the pipeline, and the reservoir site. This month revised easements are being processed based on feedback from the land owner.

90% Design Completed

AS-NEEDED ENGINEERING SERVICES **Status**

General Engineering Initiated During FY 2018/19

- Project 1401.1901: As-Needed Potable Water Engineering for FY 2019/20: Development of the district engineering report and attendance of the District’s board meeting.
- Project 1401.1902: Non-Potable Water Related Services for FY 2019/20: No activity this month.
- Project 1401.1903: Wastewater Related Services for FY 2019/20: No activity this month.
- Project 1401.1808: General GIS Support: As-required updating of the GIS database and re-formatting as-built catalog. General support provided for updating GIS information discovered during master plan updates. Completed updates for all new developments within the District and currently linking as-built drawings to online GIS database.

Currently 90% Complete

Project 1401.1811: Water System Master Plan Update: Draft water system master plan submitted to the General Manager for review. We will work with the general manager to review the document, run additional operation scenarios in the model, and provide a final master plan to the District for future development planning.

Draft Report Completed

Project 1401.1812: Non-Potable Master Plan Update: Draft non-potable water system master plan submitted to the General Manager for review. We will work with the general manager to review the document, run additional operation scenarios in the model, and provide a final master plan to the District for future development planning.

Draft Report Completed

Project 1401.1815: Sewer System Master Plan Update: Completed import of GIS information into the model. Currently wrapping up edits to the sewer system and fixing bugs to facilitate calibration of the model and drafting of the master plan report.

Draft Report Completed

Project 1401.1906: Knabe Road Potable Waterline: Completed preliminary plan and profile drawings for the project and baseline project specifications. Currently final annotation of the proposed facilities are being added at which point the 75% design submittal will be provided to the District Manager for review.

75% Complete

Project 1401.1907: Trilogy Reservoir Rehabilitation: The project was bid on 12/19/19 with two responsive bidders. The board has decided to re-bid the project removing the interior coating rehabilitation from the bid to fit within budget constraints. The bid documents are currently being revised to reflect this change.

95% Complete

Project 1401.1908: Emergency Ag-Line Repair: The project is completed and the pipeline has resumed operation.