

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
OCTOBER 25, 2022, 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 October 22, 2022.

Allison Harnden, Office Manager

**AGENDA FOR REGULAR MEETING
October 25, 2022**

Page No.

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

BOARD ITEMS:

4. **Minutes of the September 27, 2022 Regular Meeting.** **6-9**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **10-13**
RECOMMENDATION: Approve Report and authorize payment of the September 27-October 25, 2022 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** **14-31**
 - a. Revenue & Expenditure Reports.**RECOMMENDATION:** Note and file.
7. **Trilogy Development.**
 - a. Homeowners Association update. (-)
 - b. Golf Course update. (-)
8. **Retreat Development.** (-)
 - a. Project Update.
9. **Terramor Development (Forestar Toscana).**
 - a. Project Update. (-)
 - b. 1487 homes to be built. 1000 houses occupied to date. 67% complete.

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10. Sycamore Highlands Development.	(-)
a. Project Update.	
b. 79 homes to be built. 0 houses occupied to date.	
11. Taylor Morris Development. (Temescal Office Partner)	(-)
a. Project Update.	
b. 80 homes to be built. 0 houses occupied to date.	
12. Water Utilization Reports.	32-43
RECOMMENDATION: Note and file.	
13. Sustainable Groundwater Management Act.	(-)
a. Project Update.	
14. Committee Reports.	
a. Finance/Legislation (Director Harich).	(-)
b. Engineering/Operations (Director Myers).	(-)
c. Public Relations (Allison Harnden).	
1. Update on Payment Arrangements for Delinquent Accounts.	(-)
15. General Manager's Report.	
a. General Manager's Report.	44-46
b. Conservation update.	(-)
16. Operations Report.	47-49
a. Water and Sewer Operations.	

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17. District Engineer's Report.	
a. Status of Projects.	50-51
b. Recycled Water Conversion Projects.	52-61
RECOMMENDATION: Send to the Engineering Committee for recommendations.	
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18. District Counsel's Report.	(-)
19. Seminars/Workshops.	(-)
20. Consideration of Correspondence.	62
An informational package containing copies of all pertinent correspondence for the Month of September will be distributed to each Director along with the Agenda.	
21. Adjournment.	(-)

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

September 27, 2022

PRESENT

C. Colladay
D. Harich
F. Myers
M. Buckley
J. Butler

ABSENT

GUESTS

T. Davis
J. Watson
P. Rodriguez
H. Isaac
A. Lopez
F. Vogelgesang

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 told the Board about a monarch butterfly event on Saturday and reminded them about the “It’s all about kids and crafts” event on Saturday, November 5th at Deleo Sports Park.

BOARD ITEMS:

4. Minutes of the August 23, 2022 Regular Meeting.

ACTION: Director Myers moved to approve the minutes as written. Director Harich seconded. Motion carried unanimously.

5. Payment Authorization Report.

ACTION: Director Harich moved to approve the August 23-September 27, 2022 invoices. Director Buckley seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: Note and file.

7. IB Consulting presentation on TVWD Business Plan & Rate Study.

- a. Review and approve the 5-year business plan.
ACTION: Director Harich moved to approve the 5-year business plan. Director Butler seconded. Motion carried unanimously.
- b. Review and approve the proposed rate schedule for 218 Public Notice. New rates to start with February 2023 water deliveries. Notice to customers the third week of November for 45+ day review period.
ACTION: Director Butler moved to approve the proposed rate schedule. Director Harich seconded. Motion carried unanimously.
- c. Schedule Prop 218 Public Hearing on January 23, 2023.
ACTION: Director Buckley moved to approve scheduling the Prop 218 hearing in January. Director Myers seconded. Motion carried unanimously.

Former TVWD Director Paul Rodriguez provided comments on the presentation by IB Consulting. He also stated that he is running for a seat on the Western Municipal Water District Board of Directors for Division 2.

Al Lopez with Western Municipal Water District reintroduced himself to the Board and stated the he would also be on the ballot for Division 2.

8. Trilogy Development.

- a. Homeowners Association update.
- b. Golf Course update.

9. Retreat Development.

- a. Project Update.

10. Terramor Development (Forestar Toscana).

- a. Project Update.
- b. 1487 homes to be built. 989 houses occupied to date. 67% complete.

11. Sycamore Highlands Development.

- a. Project Update.
- b. 79 houses to be built. 0 houses occupied to date.

12. Taylor Morris Development.

- a. Project Update.

- b. 80 houses to be built. 0 houses occupied to date.
- 13. Water Utilization Reports.**
ACTION: Note and file.
- 14. Sustainable Groundwater Management Act.**
a. Project Update.
- 15. Committee Reports.**
- a. Finance/Legislative (Director Harich).
 - b. Engineering/Operations (Director Myers).
 - c. Public Relations (Allison Harnden).
 - 1. Allison reported on the status of delinquent accounts, lock offs and payment arrangements.
- 16. General Manager's Report.**
- a. General Manager's Report – The General Manager reported on current projects.
 - b. Conservation update.
- 17. Operations Report.**
- a. Water and sewer operations.
- 18. District Engineer's Report.**
- a. Status of Projects.
 - b. Conduct Preliminary Design for the Recycled Water Conversion Projects.
ACTION: Director Myers moved to approve the preliminary design. Director Butler seconded. Motion carried unanimously.
- 19. District Counsel's Report – None.**
- 20. Seminars/Workshops.**

21. Consideration of Correspondence.

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

22. Adjournment.

There being no further business, the September 27, 2022 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 11:21 a.m. by President Colladay.

ATTEST:

APPROVED:

Fred Myers, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2022

Check #	Date	Payee ID	Payee	Amount	
27516	9/22/22	JT	JUAN TORRES-TRK MAINT	\$ 175.00	
27517	9/22/22	JT	JUAN TORRES-TRK MAINT	140.00	
27518	9/22/22	REFUND	TOP NOTCH PLUMBING	109.61	
27519	9/22/22	REFUND	TOP NOTCH PLUMBING	205.69	
27520	9/22/22	REFUND	CHERECE DUBOSE	155.69	
27521	9/22/22	REFUND	TERRAMOR 82, LLC	126.18	
27522	9/22/22	REFUND	TERRAMOR 83, LLC	33.11	
27523	9/22/22	REFUND	TERRAMOR 83, LLC	40.27	
27524	9/22/22	REFUND	KB HOMES COSTAL INC	35.81	
27525	9/22/22	REFUND	KB HOMES COSTAL INC.	3.39	
27526	9/22/22	REFUND	STEPHANIE ZAMBOU	215.02	
27527	9/22/22	REFUND	CAYLIN DAVISCOURT	135.78	
27528	9/22/22	REFUND	TERRAMOR 83, LLC	51.91	
27529	9/22/22	REFUND	TERRAMOR 83, LLC	13.88	
27530	9/22/22	REFUND	TERRAMOR 83, LLC	27.33	
27531	9/22/22	REFUND	TERRAMOR 83, LLC	50.74	
27532	9/22/22	REFUND	MOHAMED OUZAKA	24.45	
27533	9/22/22	REFUND	JEREMY WOODRUFF	213.11	
27534	9/22/22	HES	HOLLOWAY ENVIRONMENTAL SOLUTIONS	1,132.91	SLUDGE HAULING
27535	9/22/22	UN01	UNDERGROUND SERVICE ALERT	67.75	
27536	9/22/22	USB01	US BANK GOVERNMENT SERVICES	5,298.25	TIRES/OPERATOR CLASSES/NEW EMP DESK
27537	9/27/22	CO	CHARLES W. COLLADAY	350.35	
27538	9/27/22	DH	DAVID HARICH	295.65	
27539	9/27/22	FM	FRED H. MYERS	295.65	
27540	9/27/22	JB	JOHN B. BUTLER	295.65	
27541	9/27/22	MB	MICHAEL S. BUCKLEY	295.65	
27542	9/27/22	FM	FRED H. MYERS-ENG MTG	295.65	
27543	9/30/22	AD	PAYROLL	-	
27544	9/30/22	BE	PAYROLL	-	
27545	9/30/22	CG	PAYROLL	-	
27546	9/30/22	CL	PAYROLL	-	
27547	9/30/22	DB	PAYROLL	-	
27548	9/30/22	DT	PAYROLL	-	
27549	9/30/22	JH	PAYROLL	-	
27550	9/30/22	KN	PAYROLL	-	
27551	9/30/22	LK	PAYROLL	-	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2022

Check #	Date	Payee ID	Payee	Amount	
27552	9/30/22	MM	PAYROLL	-	
27553	9/30/22	PB	PAYROLL	-	
27554	9/30/22	AAV	ADVANCED AIR & VACUUM	391.00	
27555	9/30/22	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	6,185.45	
27556	9/30/22	BRA	BRAX COMPANY INC.	1,207.16	
27557	9/30/22	ECI	24/7 EROSION CONTROL INC.	6,420.00	CLEAN UP HOMELESS CAMP
27558	9/30/22	HO02	HOUSTON & HARRIS PCS, INC.	1,992.00	
27559	9/30/22	QU	QUADIENT LEASING	1,522.18	
27560	9/30/22	UBB	USA BLUEBOOK	2,297.05	MISC REPAIR PARTS
27561	9/30/22		VOID	-	
27562	10/1/22	BE	VOID	-	
27563	10/1/22	BE	VOID	-	
27564	10/1/22	BE	PAYROLL	-	
27565	9/29/22	AD	VOID	-	
27566	10/1/22	AD	PAYROLL	-	
27567	10/1/22	TR01	TRAN CONTROLS SCADA SOLUTIONS, LLC.	3,096.74	
27568	10/1/22	TR012	VOID	-	
27569	10/1/22	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	49,199.19	CAP-DIVERSION VALVE/DIGESTER RTU 7
27570	10/3/22	FLI	FLO-SERVICES INC.	28,930.69	CAP-TERRAMOR LFT STAT(RPLC CK #27498)
27571	10/18/22	AD	PAYROLL	-	
27572	10/18/22	BE	PAYROLL	-	
27573	10/18/22	CG	PAYROLL	-	
27574	10/18/22	CL	PAYROLL	-	
27575	10/18/22	DB	PAYROLL	-	
27576	10/18/22	DT	PAYROLL	-	
27577	10/18/22	JH	PAYROLL	-	
27578	10/18/22	KN	PAYROLL	-	
27579	10/18/22	LK	PAYROLL	-	
27580	10/18/22	MM	PAYROLL	-	
27581	10/18/22	PB	PAYROLL	-	
27582	10/18/22		VOID	-	
27583	10/18/22	AAV	ADVANCED AIR & VACUUM	565.00	
27584	10/18/22	AMO	A&M ORNAMENTAL IRON & WELDING	4,850.00	LIFT STATION GATE REPAIR-INS REIMB
27585	10/18/22	ATT01	AT&T	739.87	
27586	10/18/22	BA01	BABCOCK LABORATORIES, INC	3,213.29	
27587	10/18/22	BGM	BIG GIANT MEDIA	54.90	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2022

Check #	Date	Payee ID	Payee	Amount	
27588	10/18/22	BLIC	BENEFICIAL LIFE INS COMPANY	253.18	
27589	10/18/22	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,102.80	
27590	10/18/22	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
27591	10/18/22	CBE	CBE	23.00	
27592	10/18/22	CESI	CENTER ELECTRIC SERVICES INC.	35,927.00	CAP-DIGESTER PLC PROJECT
27593	10/18/22	CHAC	CALIFORNIA HIGHWAY ADOPTION CO.	315.00	
27594	10/18/22	CM01	CORE & MAIN	1,172.19	
27595	10/18/22	CUM	CUMMINS SALES AND SERVICE	195.88	
27596	10/18/22	DPCI	DON PETERSON CONTRACTING, INC.	4,053.00	REMOVE ID #1-PUMP #1(BUTTERFIELD)
27597	10/18/22	DTA	DTA	18,041.98	FORMATION CFD #4 IA3
27598	10/18/22	DU01	DUDEK & ASSOCIATES-CONTRACT MGT	27,140.00	
27599	10/18/22	DU02	DUDEK & ASSOCIATES-SPECIAL PROJECTS	5,650.25	
27600	10/18/22	DU03	DUDEK & ASSOCIATES-PASS THRU	4,267.50	
27601	10/18/22	DU04	DUDEK & ASSOCIATES-ENGINEERING	1,803.75	
27602	10/18/22	DWEI	DEXTER WILSON ENGINEERING INC	7,735.00	CAP- EXPANSION AS BUILTS
27603	10/18/22	EW01	EWING IRRIGATION PRODUCTS	350.87	
27604	10/18/22	EWC	EYNON MANAGEMENT	850.00	
27605	10/18/22	FE01	FEDERAL EXPRESS	91.89	
27606	10/18/22	GMDM	GUTIRREZ MAINTENANCE/ DANIEL GUTIERREZ	475.00	
27607	10/18/22	HO01	HOME DEPOT CREDIT SERVICES	2,150.26	
27608	10/18/22	ICL	IB CONSULTING, LLC	11,095.00	CAP-RATE STUDY
27609	10/18/22	MH01	MCFADDEN-DALE HARDWARE CO.	107.22	
27610	10/18/22	MTM	MASTER TECH MECHANICAL	218.00	
27611	10/18/22	MU01	WILLDAN FINANCIAL SERVICES	14,007.79	CFD ADMIN-PD BY CFD
27612	10/18/22	NC	NORTHSTAR CHEMICAL	16,940.48	CHEMICALS
27613	10/18/22	OPI	ON POWER INDUSTRIES	7,630.00	SEMI-ANNUAL GEN MAINT
27614	10/18/22	PLM01	PARRA LANDSCAPE MAINTENANCE	4,287.97	
27615	10/18/22	PO07	POLYDYNE, INC.	4,232.36	SLUDGE CHEM
27616	10/18/22	RRPW	R & R PRESSURE WASHING	4,200.00	
27617	10/18/22	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	1,241.22	
27618	10/18/22	SEMA	SEMA INC.	1,126.18	
27619	10/18/22	SO03	SOUTHERN CALIF EDISON CO.	52,425.77	PLT NOT INCLUDED +\$35k
27620	10/18/22	ST02	STATE COMPENSATION INSUR.FUND	966.09	
27621	10/18/22	TWC	SPECTRUM BUSINESS	1,258.51	
27622	10/18/22	UBB	USA BLUEBOOK	2,166.77	
27623	10/18/22	UN01	UNDERGROUND SERVICE ALERT	130.25	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 October 25, 2022

Check #	Date	Payee ID	Payee	Amount	
27624	10/18/22	USB01	US BANK GOVERNMENT SERVICES	4,330.17	TRUCK REPAIR/MISC REPAIR PARTS
27625	10/18/22	VA01	VALLEY CITIES/GONZALES FENCE	800.00	
27626	10/18/22	WA01	WASTE MANAGEMENT - INLAND EMPIRE	637.59	
27627	10/18/22	WA02	WATEREUSE ASSOC.	1,050.00	
27628	10/18/22	WE01	WESTERN MUNICIPAL WATER DISTR.	416,828.99	
27629	10/18/22	WSCI	WATER SYSTEMS CONSULTING INC.	11,568.00	SSMP AUDIT
27630	10/18/22	XI	XALOGY INC	5,518.11	
27631	10/18/22	ZCL	ZOUBEK CONSULTING, LLC	1,478.75	SAFETY TRAINING
27632	10/18/22	CL01	CLAYSON, BAINER & SAUNDERS	1,612.50	
27633	10/18/22	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	558.63	
27634	10/18/22	ST02	STATE COMPENSATION INSUR.FUND	166.58	
27635	10/18/22	REFUND	SANDRA MOORE	337.97	
Total				<u>\$ 804,268.45</u>	

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

Mel McCullough - Finance Manager

Mel McCullough - Finance Manager 10/25/22

TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
30-Sep-22

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			12,108,504
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,663,306
Water & Sewer Mains			30,620,487
General Equipment Sewer/Water/ Furniture			1,746,341
Buildings & Entrance Improvements			222,617
		<u>\$</u>	<u>67,767,012</u>
Current Assets			
Cash - Wastewater	\$	6,110,618	
Cash - Water		18,283,795	
Cash - ID #1		618,604	
Cash - ID #2		332,386	
Cash - Nonpotable		7,066,825	
Cash - Deposits		<u>2,137,937</u>	34,550,165
Accounts Receivable-Services/Developers			1,655,969
Assessment Receivable			176,841
Interest Receivable			37,404
Prepaid Expenses			59,263
Inventory			<u>78,879</u>
		<u>\$</u>	<u>36,558,521</u>
Other Assets			
Work-in-Process			10,112,238
Deferred Outflows - Pension			164,014
TOTAL ASSETS		<u>\$</u>	<u><u>114,601,785</u></u>

LIABILITIES

Current Liabilities			
Accounts Payable		\$	860,408
Security Deposits			249,765
Payroll & Payroll Taxes Payable			81,198
Capacity & Meter Deposits			1,436,313
Fiduciary Payments Payable			84,194
Developer Deposits			366,663
Other Deposits			<u>1,003</u>
			3,079,543
Long-term Liabilities			
TVRP Note			270,562
Deferred Inflows - Pension			140,674
TOTAL LIABILITIES		<u>\$</u>	<u>3,490,779</u>

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			41,323,931
Water Fund Balance			52,759,187
ID #1 Fund Balance			667,438
ID #2 Fund Balance			582,695
Recycled Water Fund Balance			<u>15,777,754</u>
TOTAL FUND EQUITY		<u>\$</u>	<u>111,111,006</u>
TOTAL LIABILITIES & FUND EQUITY		<u>\$</u>	<u><u>114,601,785</u></u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

	SEPTEMBER			YEAR TO DATE			BUDGET 2022-2023	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	\$ 244,114	\$ 250,000	(5,886)	\$ 730,783	\$ 750,000	(19,217)	\$ 3,000,000	\$ (2,269,217)
MONTHLY SERVICE CHARGE-ID #1	11,764	12,000	(236)	35,292	36,000	(708)	145,000	(109,708)
MONTHLY SERVICE CHARGE-ID #2	13,307	13,700	(393)	39,921	41,100	(1,179)	164,000	(124,079)
MONTHLY SEWER SERVICE CHG-R COM	16,913	15,800	1,113	52,788	47,400	5,388	190,000	(137,212)
MISC UTILITY CHARGES/ REVENUE	7,014	4,170	2,844	19,509	12,510	6,999	50,000	(30,491)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	2,678	2,500	178	2,678	7,500	(4,822)	30,000	(27,322)
TOTAL WASTEWATER REVENUE	295,790	298,170	(2,380)	880,971	894,510	(13,539)	3,719,000	(2,838,029)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	18,198	24,625	(6,427)	42,209	57,475	(15,266)	213,500	(171,291)
WAGES EXPENSE-INSPECTION	4,655	4,400	255	7,091	10,400	(3,309)	38,800	(31,709)
PAYROLL TAXES EXP	526	500	26	1,051	1,220	(169)	4,600	(3,549)
EMPLOYEE BENEFITS-INS	1,023	2,045	(1,022)	3,408	6,135	(2,727)	24,500	(21,092)
EMPLOYEE BENEFITS-RETIREMENT	2,236	2,820	(584)	7,618	8,460	(842)	33,800	(26,182)
OVERTIME OPERATION EXP	2,426	2,700	(274)	8,288	8,100	188	35,200	(26,912)
OVERTIME INSPECTION EXP	436	300	136	1,214	900	314	4,000	(2,786)
MILEAGE EXP	153	250	(97)	576	750	(174)	3,000	(2,424)
VACATION EXP	929	1,110	(181)	2,787	3,330	(543)	13,320	(10,533)
SCADA SYSTEM STANDBY EXP	-	350	(350)	-	1,050	(1,050)	4,200	(4,200)
SCADA SYSTEM ADMIN/MAINT	-	700	(700)	1,238	2,100	(862)	8,000	(6,762)
LABORATORY TESTING COSTS	-	1,670	(1,670)	4,315	5,010	(695)	20,000	(15,685)
COMPLIANCE TESTING	-	-	-	-	-	-	1,000	(1,000)
VACTOR TRUCK EXP	-	1,000	(1,000)	-	3,000	(3,000)	10,000	(10,000)
SEWER CLEANING AND VIDEO	1,992	2,200	(208)	6,207	6,600	(393)	26,000	(19,793)
PLANT PUMPING COST	-	2,000	(2,000)	-	6,000	(6,000)	25,000	(25,000)
SLUDGE DISPOSAL COSTS	989	3,000	(2,011)	5,052	9,000	(3,948)	35,000	(29,948)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	17,333	4,000	13,333	18,021	12,500	5,521	50,000	(31,979)
EQUIPMENT RENTAL COSTS	-	500	(500)	-	500	(500)	2,000	(2,000)
ELECTRICAL REPAIR EXP	-	400	(400)	-	1,200	(1,200)	5,000	(5,000)
EQUIPMENT REPAIRS & MAINT	44,784	22,500	22,284	66,090	67,500	(1,410)	270,000	(203,910)
SEWER LINE/EMERGENCY REPAIRS	-	-	-	-	-	-	15,000	(15,000)
SECURITY AND ALARM EXP	-	250	(250)	3,093	750	2,343	3,000	93
PROPERTY MAINTENANCE	9,040	10,000	(960)	19,103	18,250	853	45,000	(25,897)
EMERGENCY SERVICE COST	-	-	-	-	-	-	2,000	(2,000)
ENGINEERING/ADMIN. STUDIES (GEI)	-	2,000	(2,000)	-	6,000	(6,000)	25,000	(25,000)
ENERGY COSTS-EST	32,362	29,000	3,362	104,163	89,000	15,163	352,000	(247,837)
CONSUMABLE SUPPLIES & CLEANING	918	900	18	2,727	2,700	27	10,000	(7,273)
CHEMICALS, LUBRICANTS & FUELS	9,036	10,000	(964)	58,064	30,000	28,064	120,000	(61,936)
SMALL EQUIPMENT & TOOLS COST	2,475	900	1,575	2,678	2,700	(22)	10,000	(7,322)
PERMITS, FEES & TAXES (WTR BRD FEE)	2,248	3,000	(752)	38,465	9,000	29,465	30,000	8,465
SAWPA BASIN MONITORING EXP	-	-	-	-	30,000	(30,000)	30,000	(30,000)
MAP UPDATING/GIS EXP	-	500	(500)	-	500	(500)	2,000	(2,000)
MISC. OPERATING EXP	-	250	(250)	-	250	(250)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	5,000	(5,000)
CONTINGENCIES	-	5,250	(5,250)	17,091	15,750	1,341	63,000	(45,909)
TOTAL OPERATING EXPENSES	151,759	139,120	12,639	420,549	416,130	4,419	1,564,920	(1,144,371)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

	SEPTEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	10,856	13,250	(2,394)	28,960	31,150	(2,190)	116,000	(87,040)
GENERAL ENGINEERING EXP	-	1,700	(1,700)	2,083	5,100	(3,017)	20,000	(17,917)
EMPLOYEE BENEFITS-INS	1,434	1,850	(416)	4,048	5,550	(1,502)	22,100	(18,052)
EMPLOYEE BENEFITS-RETIREMENT	2,668	3,700	(1,032)	8,168	8,640	(472)	32,100	(23,932)
WAGES EXPENSE	22,002	24,500	(2,498)	47,932	57,300	(9,368)	213,000	(165,068)
VACATION EXP	1,074	1,180	(106)	3,222	3,540	(318)	14,200	(10,978)
OVERTIME EXP	157	500	(343)	157	1,500	(1,343)	6,000	(5,843)
PAYROLL TAX EXPENSES	389	375	14	864	895	(31)	3,350	(2,486)
MILEAGE EXP ADMIN	-	25	(25)	-	75	(75)	250	(250)
CONTRACT STAFFING EXP	-	-	-	-	-	-	4,000	(4,000)
LEGAL EXPENSES	645	1,250	(605)	1,745	3,750	(2,005)	15,000	(13,255)
AUDIT EXPENSES	-	-	-	-	-	-	6,100	(6,100)
BOARD COMMITTEE MEETING EXP.	743	1,250	(507)	2,108	3,750	(1,642)	15,000	(12,892)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	8,400	(8,400)
COMPUTER SYSTEM ADMIN	2,207	4,000	(1,793)	11,218	12,000	(782)	48,000	(36,782)
BANK CHARGES EXP	3,525	3,000	525	10,705	9,000	1,705	36,000	(25,295)
MISCELLANEOUS & EDUCATION EXP	-	200	(200)	187	600	(413)	2,000	(1,813)
TELEPHONE, FAX & CELL EXP(inc-support contract)	1,259	1,350	(91)	5,719	4,050	1,669	16,000	(10,281)
OFFICE SUPPLIES EXP	901	2,000	(1,099)	6,101	6,000	101	24,000	(17,899)
PRINTING EXPENSES	-	550	(550)	3,473	1,650	1,823	6,500	(3,027)
POSTAGE & DELIVERY EXPENSE	1,105	1,000	105	3,355	3,500	(145)	13,000	(9,645)
PUBLICATIONS, NOTICES & DUES	-	170	(170)	84	510	(426)	2,000	(1,916)
EQUIPMENT LEASE EXPENSES	1,022	670	352	1,835	2,010	(175)	8,000	(6,165)
INSURANCE EXPENSES	2,617	3,200	(583)	5,905	9,600	(3,695)	38,500	(32,595)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	4,600	(4,600)
COMMUNITY OUTREACH EXP	315	660	(345)	765	1,980	(1,215)	8,000	(7,235)
INVESTMENT EXP	800	400	400	1,200	1,200	-	4,800	(3,600)
TOTAL ADMINISTRATIVE EXPENSES	53,719	66,780	(13,061)	149,834	173,350	(23,516)	686,900	(537,066)
TOTAL WASTEWATER EXPENSES	205,478	205,900	(422)	570,383	589,480	(19,097)	2,251,820	(1,681,437)
NET OPERATING REVENUE/EXPENSE	90,312	92,270	(1,958)	310,588	305,030	5,558	1,467,180	(1,156,592)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	3,627	1,250	2,377	10,881	3,750	7,131	15,000	(4,119)
PROPERTY TAX INCOME	-	-	-	396	-	396	75,000	(74,604)
TOTAL NON-OPER SOURCE OF FUNDS	3,627	1,250	2,377	11,277	3,750	7,527	90,000	(78,723)
TOTAL SEWER REVENUE/EXPENSE	\$ 93,939	93,520	419	\$ 321,865	308,780	13,085	\$ 1,557,180	(1,235,315)
TRANSFER TO CAPITAL FUND-REPLACEMENT				158,209				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				163,656				
CONNECTION FEES				-				
WASTE WATER CAPITAL FUND:								
ENDING FUNDS AVAILABLE 2020-2021	7,335,067							
TRANSFER FOR CAPITAL FUND REPLACEMENT	158,209							
TRANSFER FOR CAPITAL IMPROVEMENTS	163,656							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(174,417)							
TOTAL FUNDS AVAILABLE	7,482,515							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

WATER DEPARTMENT

OPERATING REVENUE:

	SEPTEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	-	REMAINING
WATER SERVICE CHARGE	162,568	162,920	(352)	487,787	488,760	(973)	1,955,000	(1,467,213)
WATER USAGE CHARGES	416,527	462,000	(45,473)	1,467,033	1,498,000	(30,967)	5,618,000	(4,150,967)
WATER PUMPING CHARGE	17,894	22,500	(4,606)	62,505	72,000	(9,495)	225,000	(162,495)
FIRE PROTECTION CHARGES	3,313	3,600	(287)	10,001	10,800	(799)	43,000	(32,999)
MISC. UTILITY CHARGES	5,617	3,350	2,267	15,674	10,050	5,624	40,000	(24,326)
SERVICE METER INCOME	3,300	5,000	(1,700)	9,900	15,000	(5,100)	60,000	(50,100)
CELLULAR SITE LEASE	6,617	6,330	287	19,753	18,990	763	76,000	(56,247)
MWD READINESS TO SERVE CHARGE	10,974	13,500	(2,526)	32,858	40,500	(7,642)	162,000	(129,142)
STANDBY CHARGES	-	-	-	-	-	-	40,000	(40,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	2,344	2,500	(156)	2,344	7,500	(5,156)	30,000	(27,656)
TOTAL WATER REVENUE	629,154	681,700	(52,546)	2,107,855	2,161,600	(53,745)	8,279,000	(6,171,145)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

	SEPTEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	33,800	REMAINING
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	25,728	21,600	4,128	48,206	50,400	(2,194)	187,000	(138,794)
WAGES EXPENSE-INSPECTION	6,203	6,250	(47)	11,528	11,050	478	34,000	(22,472)
PAYROLL TAXES EXP	460	460	-	919	1,060	(141)	4,000	(3,081)
EMPLOYEE BENEFITS-INS	774	1,800	(1,026)	2,329	5,400	(3,071)	21,450	(19,121)
EMPLOYEE BENEFITS-RETIREMENT	2,127	3,420	(1,293)	6,381	7,980	(1,599)	29,600	(23,219)
OPERATION-MILEAGE EXP	-	125	(125)	-	375	(375)	1,500	(1,500)
OVERTIME EXPENSE OPER/ ON CALL	1,214	1,200	14	2,619	2,760	(141)	10,200	(7,581)
OVERTIME EXP INSPECTION	382	390	(8)	1,062	910	152	3,300	(2,238)
OVERTIME CROSS CONNECTION EXP	-	2,400	(2,400)	5,177	5,600	(423)	20,800	(15,623)
SCADA SYSTEM STANDBY EXP	-	420	(420)	-	980	(980)	3,640	(3,640)
VACATION EXP	813	975	(162)	2,439	2,925	(486)	11,700	(9,261)
CONTRACT STAFFING-METER READS	6,185	6,500	(315)	18,477	19,500	(1,023)	78,000	(59,523)
SCADA SYSTEM ADMIN/MAINT	-	850	(850)	1,084	2,550	(1,466)	10,000	(8,916)
LABORATORY TESTING COSTS	-	1,500	(1,500)	3,774	3,500	274	13,000	(9,226)
COMPLIANCE TESTING	-	1,300	(1,300)	3,351	3,900	(549)	15,500	(12,149)
LEAK DETECTION EXPENSE	-	2,000	(2,000)	-	2,000	(2,000)	8,000	(8,000)
EPA WATER TESTING EXP	2,803	4,250	(1,447)	2,803	4,250	(1,447)	8,500	(5,697)
EQUIPMENT RENTAL COSTS	-	200	(200)	884	600	284	2,000	(1,116)
EQUIPMENT REPAIRS & MAINT.	4,427	6,700	(2,273)	26,474	20,100	6,374	80,000	(53,526)
WATER LINE REPAIRS	-	10,000	(10,000)	-	10,000	(10,000)	40,000	(40,000)
ALARM MONITORING COSTS	-	275	(275)	1,068	825	243	3,300	(2,232)
EMERGENCY SERVICE COST	-	125	(125)	-	375	(375)	1,500	(1,500)
PROPERTY MAINTENANCE	6,420	500	5,920	6,420	1,500	4,920	5,000	1,420
ENGINEERING/ADMIN. STUDIES	-	650	(650)	-	1,950	(1,950)	8,000	(8,000)
PLAN CHECK EXPENSE (TVWD)	-	850	(850)	-	2,550	(2,550)	10,000	(10,000)
ENERGY COSTS	18,650	19,250	(600)	58,962	61,850	(2,888)	195,000	(136,038)
CONSUMABLE SUPPLIES & CLEANING	496	250	246	2,246	750	1,496	3,200	(954)
CHEMICALS, LUBRICANTS & FUELS	566	830	(264)	1,682	2,490	(808)	10,000	(8,318)
SMALL EQUIPMENT & TOOLS COST	-	420	(420)	2,619	1,260	1,359	5,000	(2,381)
PERMITS, FEES & TAXES	217	2,100	(1,883)	652	6,300	(5,648)	25,000	(24,348)
MAP UPDATING/GIS EXP	-	500	(500)	-	1,500	(1,500)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	1,782	6,000	(4,218)	5,346	18,000	(12,654)	71,000	(65,654)
WHOLESALE WATER PURCHASES	399,922	402,000	(2,078)	1,305,901	1,400,000	(94,099)	5,020,000	(3,714,099)
WATER-MWD CAPACITY CHARGE	5,083	5,500	(417)	15,250	16,500	(1,250)	66,000	(50,750)
WATER-READINESS TO SERVE/REFUSAL CHARGE	11,823	13,500	(1,677)	35,470	40,500	(5,030)	162,000	(126,530)
WMWD-MGLMR EXP	-	-	-	-	-	-	185,000	(185,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	10,000	(10,000)
CONSERVATION REBATE EXP	-	500	(500)	-	1,500	(1,500)	5,000	(5,000)
CONTINGENCIES	-	4,700	(4,700)	14,955	14,100	855	56,000	(41,045)
TOTAL OPERATING EXPENSES	496,075	530,290	(34,215)	1,588,078	1,727,790	(139,712)	6,428,190	(4,840,112)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

	SEPTEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	9,499	11,800	(2,301)	25,340	27,500	(2,160)	102,000	(76,660)
GENERAL ENGINEERING EXP	-	1,850	(1,850)	8,040	5,550	2,490	22,000	(13,960)
EMPLOYEE BENEFITS-INS	1,442	1,620	(178)	3,746	4,860	(1,114)	19,400	(15,654)
EMPLOYEE BENEFITS-RETIREMENT	2,365	3,245	(880)	7,169	7,575	(406)	28,100	(20,931)
WAGES EXPENSE	19,250	21,500	(2,250)	45,303	50,200	(4,897)	186,400	(141,097)
VACATION EXP	940	1,000	(60)	2,820	3,000	(180)	12,400	(9,580)
MILEAGE EXP ADMIN	137	125	12	137	125	12	500	(363)
OVERTIME EXPENSE	-	250	(250)	-	550	(550)	2,000	(2,000)
PAYROLL TAX EXPENSES	340	350	(10)	756	810	(54)	3,000	(2,244)
CONTRACT STAFFING-OFFICE	-	-	-	-	-	-	3,500	(3,500)
LEGAL EXPENSES	564	1,000	(436)	1,527	3,000	(1,473)	12,000	(10,473)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	649	1,100	(451)	1,842	3,300	(1,458)	13,000	(11,158)
COMPUTER SYSTEM EXP	1,931	2,500	(569)	9,815	7,500	2,315	30,000	(20,185)
BANK CHARGES EXP	3,085	2,700	385	9,368	8,100	1,268	32,500	(23,132)
MISCELLANEOUS & EDUCATION EXP	-	400	(400)	-	1,200	(1,200)	4,000	(4,000)
TELEPHONE EXP	1,101	1,100	1	5,466	3,300	2,166	13,000	(7,534)
OFFICE SUPPLIES EXP	676	1,450	(774)	4,719	4,350	369	17,000	(12,281)
PRINTING EXPENSES	-	-	-	3,309	2,750	559	5,500	(2,191)
POSTAGE & DELIVERY EXPENSE	934	1,000	(66)	2,785	3,000	(215)	11,500	(8,715)
PUBLICATIONS, NOTICES & DUES	-	200	(200)	24	600	(576)	2,500	(2,476)
EQUIPMENT LEASE EXPENSES	894	600	294	1,605	1,800	(195)	7,000	(5,395)
INSURANCE EXPENSES	2,291	2,850	(559)	5,171	8,550	(3,379)	34,000	(28,829)
INVESTMENT EXPENSE	700	375	325	1,050	1,125	(75)	4,500	(3,450)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	4,500	(4,500)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	7,350	(7,350)
COMMUNITY OUT REACH EXP	-	-	-	157	-	157	15,000	(14,843)
TOTAL ADMINISTRATIVE EXPENSES	46,798	57,015	(10,217)	140,149	148,745	(8,596)	598,150	(458,001)
TOTAL WATER EXPENSES	542,873	587,305	(44,432)	1,728,227	1,876,535	(148,308)	7,026,340	(5,298,113)
NET OPERATING REVENUE/EXPENSE	86,281	94,395	(8,114)	379,628	285,065	94,563	1,252,660	(873,032)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	4,582	1,700	2,882	13,746	5,100	8,646	20,000	(6,254)
PROPERTY TAX INCOME	-	-	-	-	-	-	40,000	(40,000)
TOTAL NON-OP SOURCE OF FUNDS	4,582	1,700	2,882	13,746	5,100	8,646	60,000	(46,254)
TOTAL REVENUE/EXPENSE	90,863	96,095	(5,232)	393,374	290,165	103,209	1,312,660	(919,286)
TRANSFER TO CAPITAL FUND-REPLACEMENT				142,348				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				251,026				
CONNECTION FEES				-				
CAPACITY USAGE INCOME				116,168				
LONG TERM DEBT REDUCTION				116,168				
WATER CAPITAL FUND:				-				
ENDING FUNDS AVAILABLE 2020-2021	17,840,961							
TRANSFER FOR CAPITAL FUND REPLACEMENT	393,374							
TRANSFER FOR CAPITAL IMPROVEMENTS	142,348							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(92,888)							
TOTAL FUNDS AVAILABLE	18,283,795							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

	SEPTEMBER			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#1 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	13,725	13,725	-	41,175	41,175	-	164,700	(123,525)
TOTAL ID #1 REVENUE	13,725	13,725	-	41,175	41,175	-	164,700	(123,525)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	11,764	12,000	(236)	35,292	36,000	(708)	145,000	(109,708)
TOTAL OPERATING COSTS	11,764	12,000	(236)	35,292	36,000	(708)	145,000	(109,708)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	-	-	-	3,000	(3,000)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	-	-	-	3,000	(3,000)
TOTAL ID#1 EXPENSES	11,764	12,000	(236)	35,292	36,000	(708)	148,000	(112,708)
NET OPERATING REVENUE/EXPENSE	1,961	1,725	236	5,883	5,175	708	16,700	(10,817)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME-LAIF	95	267	(172)	285	801	(516)	3,200	(2,915)
TOTAL NON-OPER SOURCE OF FUNDS	95	267	(172)	285	801	(516)	3,200	(2,915)
TOTAL REVENUE/EXPENSE	2,056	1,992	64	6,168	5,976	192	19,900	(13,732)
TRANSFER TO SINKING FUND FOR CAPACITY				6,168				
				-				
ID #1 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	612,436							
SINKING FUND FOR CAPACITY	6,168							
TOTAL FUNDS AVAILABLE	618,604							
	SEPTEMBER			YEAR TO DATE			BUDGET 2022-2023	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#2 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	46,575	46,575	-	186,300	(139,725)
TOTAL ID #2 REVENUE	15,525	15,525	-	46,575	46,575	-	186,300	(139,725)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	13,307	13,650	(343)	39,921	40,950	(1,029)	164,000	(124,079)
TOTAL OPERATING COSTS	13,307	13,650	(343)	39,921	40,950	(1,029)	164,000	(124,079)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	-	-	-	3,000	(3,000)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	-	-	-	3,000	(3,000)
TOTAL ID#2 EXPENSES	13,307	13,650	(343)	39,921	40,950	(1,029)	167,000	(127,079)
NET OPERATING REVENUE/EXPENSE	2,218	1,875	343	6,654	5,625	1,029	19,300	(12,646)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	189	250	(61)	567	567	-	3,000	(2,433)
TOTAL NON-OPER SOURCE OF FUNDS	189	250	(61)	567	567	-	3,000	(2,433)
TOTAL REVENUE/EXPENSE	2,407	2,125	282	7,221	6,192	1,029	22,300	(15,079)
TRANSFER TO SINKING FUND FOR CAPACITY				7,221				
				-				
ID #2 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	325,165							
SINKING FUND FOR CAPACITY	7,221							
TOTAL FUNDS AVAILABLE	332,386							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

	SEPTEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
<u>NON-POTABLE WATER DEPARTMENT</u>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	202,258	212,000	(9,742)	702,164	736,000	(33,836)	2,100,000	(1,397,836)
RECYCLED/ NON-POT WATER FIXED CHARGE	23,882	24,600	(718)	71,439	73,800	(2,361)	295,000	(223,561)
RECYCLED/NON-POTABLE PUMPING CHARGE	7,744	8,520	(776)	26,225	25,560	665	71,000	(44,775)
MISC INCOME	-	1,000	(1,000)	-	3,000	(3,000)	11,500	(11,500)
INSPECTION REVENUE	1,674	1,500	174	1,674	4,500	(2,826)	18,000	(16,326)
TOTAL NON-POTABLE REVENUE	235,558	247,620	(12,062)	801,502	842,860	(41,358)	2,495,500	(1,693,998)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	11,375	12,250	(875)	26,381	29,850	(3,469)	133,500	(107,119)
WAGES EXPENSE-INSPECTION	2,909	2,650	259	5,431	6,450	(1,019)	24,300	(18,869)
PAYROLL TAXES EXP	329	335	(6)	658	781	(123)	2,900	(2,242)
EMPLOYEE BENEFITS-INS	553	1,275	(722)	1,664	3,825	(2,161)	15,300	(13,636)
EMPLOYEE BENEFITS-RETIREMENT	1,519	2,450	(931)	4,557	5,710	(1,153)	21,200	(16,643)
MILEAGE EXP	-	100	(100)	-	300	(300)	1,000	(1,000)
OVERTIME EXP OPER	788	825	(37)	2,424	1,945	479	7,250	(4,826)
OVERTIME EXP INSPECTION	273	225	48	759	625	134	2,450	(1,691)
OVERTIME CROSS CONNECTION	5,400	5,700	(300)	10,000	10,980	-	14,800	(4,800)
VACATION EXP	581	700	(119)	1,743	2,100	(357)	8,400	(6,657)
PLAN CHECK EXP (TVWD)	-	100	(100)	-	300	(300)	1,000	(1,000)
SCADA SYSTEM STANDBY EXP	-	220	(220)	-	660	(660)	2,600	(2,600)
SCADA SYS MAINTENANCE EXP	-	420	(420)	774	1,260	(486)	5,000	(4,226)
LABORATORY TESTING COSTS	-	850	(850)	2,697	2,550	147	10,000	(7,303)
EQUIPMENT REPAIRS & MAINT.	2,893	1,700	1,193	7,060	5,100	1,960	20,000	(12,940)
NONPOTABLE WATER LINE REPAIR	-	3,400	(3,400)	8,606	10,200	(1,594)	40,000	(31,394)
SECURITY AND ALARM EXP	-	100	(100)	1,068	300	768	1,000	68
PROPERTY MAINTENANCE	-	600	(600)	1,240	1,800	(560)	7,000	(5,760)
ENERGY COSTS(est)	31,412	33,600	(2,188)	103,069	100,800	2,269	280,000	(176,931)
CONSUMABLE SUPPLIES EXP	356	100	256	356	300	56	1,500	(1,144)
CHEMICALS, LUBRICANTS & FUELS	-	420	(420)	-	1,260	(1,260)	5,000	(5,000)
PERMITS AND FEES EXP	155	1,000	(845)	465	3,000	(2,535)	11,000	(10,535)
SERVICE METERS AND PARTS COSTS	-	600	(600)	-	1,800	(1,800)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	1,000	(1,000)	-	1,000	(1,000)	4,000	(4,000)
MISC OPERATING EXP	107	50	57	107	150	(43)	500	(393)
BAD DEBT	-	-	-	-	-	-	2,000	(2,000)
CONTINGENCIES	-	2,000	(2,000)	10,682	6,000	4,682	25,000	(14,318)
TOTAL OPERATING EXPENSES	58,650	72,670	(14,020)	189,741	199,046	(8,325)	653,700	(463,959)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Two Months Ending August 31, 2022**

	SEPTEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	6,785	8,400	(1,615)	18,100	19,640	(1,540)	73,000	(54,900)
GENERAL ENGINEERING	-	600	(600)	2,106	1,800	306	7,000	(4,894)
EMPLOYEE BENEFITS-INS	1,166	1,150	16	3,086	3,450	(364)	13,800	(10,714)
EMPLOYEE BENEFITS-RETIREMENT	1,690	1,675	15	5,122	5,025	97	20,100	(14,978)
WAGES EXPENSE	13,750	15,350	(1,600)	32,360	35,850	(3,490)	133,200	(100,840)
VACATION EXP	671	750	(79)	2,013	2,250	(237)	8,850	(6,837)
MILEAGE EXP	-	20	(20)	-	60	(60)	200	(200)
OVERTIME EXP	98	200	(102)	98	600	(502)	2,500	(2,402)
PAYROLL TAX EXPENSE	243	200	43	541	540	1	2,100	(1,559)
CONTRACT STAFFING OFFICE EXP	-	-	-	-	-	-	2,500	(2,500)
LEGAL EXPENSE	403	600	(197)	990	1,800	(810)	7,000	(6,010)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	464	750	(286)	1,317	2,250	(933)	9,000	(7,683)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	5,000	(5,000)
COMPUTER SYSTEMS EXP	1,380	2,400	(1,020)	7,013	7,200	(187)	28,000	(20,987)
BANK CHARGES	2,203	2,000	203	6,688	6,000	688	23,000	(16,312)
MISC & EDUCATION EXP	-	100	(100)	-	300	(300)	1,000	(1,000)
TELEPHONE EXP	787	830	(43)	3,639	2,490	1,149	10,000	(6,361)
OFFICE SUPPLIES	483	650	(167)	1,840	1,950	(110)	8,000	(6,160)
PRINTING EXP	-	-	-	815	2,000	(1,185)	4,000	(3,185)
POSTAGE EXP	631	650	(19)	1,968	1,950	18	8,000	(6,032)
PUBLICATION EXP	-	100	(100)	17	300	(283)	1,000	(983)
EQUIPMENT LEASE EXP	638	330	308	1,146	990	156	4,000	(2,854)
INSURANCE EXPENSE	1,642	2,000	(358)	3,713	6,000	(2,287)	24,000	(20,287)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	3,000	(3,000)
INVESTMENT EXPENSE	500	250	250	750	750	-	3,000	(2,250)
COMMUNITY OUTREACH EXP	-	-	-	-	-	-	5,000	(5,000)
TOTAL ADMINISTRATIVE EXPENSES	33,534	39,005	(5,471)	93,322	103,195	(9,873)	410,750	(317,428)
TOTAL NON-POTABLE OPERATING EXPENSES	92,184	111,675	(19,491)	283,063	302,241	(19,178)	1,064,450	(781,387)
NET OPERATING REVENUE/EXPENSE	143,374	135,945	7,429	518,439	540,619	(22,180)	1,431,050	(912,611)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	1,052	1,000	52	3,156	3,000	156	12,000	(8,844)
TOTAL NON-OP SOURCE OF FUNDS	1,052	1,000	7,481	3,156	3,000	156	12,000	(8,844)
TOTAL REVENUE/EXPENSE	144,426	136,945	7,481	521,595	543,619	(22,024)	1,443,050	(921,455)
TRANSFER TO CAPITAL FUND-REPLACEMENT				84,639				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				436,956				
CONNECTION FEES				-				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	6,635,550							
TRANSFER FOR CAPITAL FUND REPLACEMENT	84,639							
TRANSFER FOR CAPITAL IMPROVEMENTS	436,956							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(90,320)							
TOTAL FUNDS AVAILABLE	7,066,825							

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

Not Started
In Process
Completed

SEPTEMBER 2022 - FY 22/23

Capital Projects FY 2022/2023 Maintenance/ General 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		
Computer and Software Upgrades	G-1-2019	N/A	\$ 25,000	\$ 10,000	\$ 8,750	\$ 6,250					\$ -	\$ 25,000
General Building Improvements	G-2-2019	N/A	\$ 80,000	\$ 32,000	\$ 28,000	\$ 20,000					\$ -	\$ 80,000
New Work Truck	G-4-2021	N/A	\$ 50,000	\$ 20,000	\$ 17,500	\$ 12,500					\$ -	\$ 50,000
Secondary FEB Pump Replacement	G-5-2021	N/A	\$ 120,000	\$ 72,000		\$ 48,000					\$ -	\$ 120,000
GIS Mapping - Water, Sewer, RW pipelines and facilities	G-7-2021	1904/1905	\$ 50,160	\$ 20,064	\$ 17,556	\$ 12,540		\$ 720			\$ 720	\$ 49,440
Groundwater Sustainability JPA	General	N/A	\$ 135,000	\$ -	\$ 135,000	\$ -					\$ -	\$ 135,000
5-year Financial Plan Development with 218 notice	G-1-2020	N/A	\$ 45,000	\$ 15,000	\$ 15,000	\$ 15,000		\$ 2,190	\$ 1,916	\$ 1,369	\$ 5,475	\$ 39,525
Digester System Operational Control	S-2-2022	N/A	\$ 75,523	\$ 75,523				\$ 62,586			\$ 62,586	\$ 12,937
General Maint Projects List (See Sheet)	General	N/A	\$ 260,000	\$ 140,000	\$ 100,000	\$ 20,000		\$ 31,528	\$ 27,587	\$ 19,704	\$ 78,819	\$ 181,181
SUBTOTAL			\$ 840,683	\$ 384,587	\$ 321,806	\$ 134,290	\$ -	\$ 97,024	\$ 29,503	\$ 21,073	\$ 147,600	\$ 693,083

Prices received - waiting for inventory
Pump Rep reviewing required pump curves
Ongoing - working with iWater on program
Ongoing -
Final Review Tuesday 16th for Board presentati
P.O issued - parts ordered
See list

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		
Trailer Yard Goat	G-1-2021	N/A	\$ 100,000	\$ 60,000		\$ 40,000					\$ -	\$ 100,000
Recycled and Non-potable Pipeline extensions	NP-2018	N/A	\$ 775,000	\$ -	\$ -	\$ 775,000				\$ 7,300	\$ 7,300	\$ 767,700
Construct New Storage Building	G-2-2021	N/A	\$ 370,000	\$ 148,000	\$ 111,000	\$ 111,000		\$ 37,600	\$ 32,900	\$ 23,522	\$ 94,022	\$ 275,978
Parking Structure Shades	G-3-2021	N/A	\$ 100,000	\$ 40,000	\$ 35,000	\$ 25,000					\$ -	\$ 100,000
Sludge Centrifuge VFD Backdrive and Control Repair	S-2-2021	N/A	\$ 109,104	\$ 109,104	\$ -	\$ -					\$ -	\$ 109,104
Convert to Recycled	General	N/A	\$ 135,000	\$ -	\$ 75,000	\$ 60,000				\$ 11,981	\$ 11,981	\$ 123,019
Well Replacement/Cleaning and Rehab	General	N/A	\$ 135,000	\$ -	\$ -	\$ 135,000				\$ 11,118	\$ 11,118	\$ 123,882
TVWD Offsite SCADA PLC and Radio Upgrade	G-1-2022	N/A	\$ 257,000	\$ 102,800	\$ 77,100	\$ 77,100		\$ 31,000	\$ 27,000	\$ 19,468	\$ 77,468	\$ 179,532
Potable Reservoir Design - Wildrose Site	W-1-2020	1810	\$ 150,000	\$ -	\$ 150,000	\$ -			\$ 3,485		\$ 3,485	\$ 146,515
Potable Reservoir Construction	W-1-2020	N/A	\$ 3,105,000	\$ -	\$ 3,105,000	\$ -					\$ -	\$ 3,105,000
Automatic Meter Read System	W-1-2021	N/A	\$ 3,050,000		\$ 3,050,000						\$ -	\$ 3,050,000
Sludge Processing Facility with Odor Control - Design Report	S-1-2021	2208	\$ 80,000	\$ 80,000							\$ -	\$ 80,000
Sludge Processing Facility with Odor Control	S-1-2021		\$ 3,215,000	\$ 3,215,000							\$ -	\$ 3,215,000
Property Purchase and Relocation of Emergency Pump	W-2-2021	N/A	\$ 587,000		\$ 587,000						\$ -	\$ 587,000
Reservoir Management System - Terramor Reservoir	W-3-2021	N/A	\$ 102,000		\$ 102,000				j		\$ -	\$ 102,000
Manhole Rehab	S-1-2022	2008	\$ 105,000	\$ 105,000				\$ 8,793			\$ 8,793	\$ 96,207
SUBTOTAL			\$ 12,375,104	\$ 3,859,904	\$ 7,292,100	\$ 1,223,100	\$ -	\$ 77,393	\$ 63,385	\$ 73,389	\$ 214,167	\$ 12,160,937
TOTAL			\$ 13,215,787	\$ 4,244,491	\$ 7,613,906	\$ 1,357,390	\$ -	\$ 174,417	\$ 92,888	\$ 94,462	\$ 361,767	\$ 12,854,020

Price review at Engineering Com Mtg
P.O. issued - scheduling with Alfa Laval
P.O issued - Parts ordered
Survey, Environment Review complete - soils thi
Last vendor review in progress
Review and approval at Eng Com
New property / easement consideration
Pumps station complete - Install started
Bids due in two weeks

FY 2022/2023 Maintenance /General Projects

Item	Budget	Fund	Year to Date	Variance	
1	Diversion Valve: Compliance				
	Center Electric (provide control box, wiring & fiber)			12,067	
	Trans Controls (provide plc & associated equip, programming)			22,724	
	Excavation			2,500	
				37,291	
		WRF	39,083	(1,792)	Equipment purchased, conduit installed pulling fiber
2	Dive inspection - All tanks	Potable/ RW		25,000	
3	Rotary Screw Compressors - Continuous duty	WRF	38,252	1,748	Purchased and installed
4	Replace (3) 16" Plant Isolation Valves: Recycled Water				Valves purchased - backordered
	Don Petersen (install valves and adaptors, backfill)	RW		44,200	
5	Raise Block Wall Around Sludge Area	WRF		20,000	
6	CERLIC Portable Sludge Blanket Sensor	WRF		4,305	Paul to purchase
7	Retreat Booster Station ATS Replacement	Potable		8,725	Paul to order
8	OPS Bldg. Toilet Replacement & New Water Heater	General Building	1,484	8,516	Complete
9	New Flow Meter for Centrifuge	WRF		9,595	
10	Confined Space Tripod & Blower	Operations		10,000	Paul to order
11	Replacement Rotork Actuators (3)	WRF		20,000	Paul to order
12	Next Year Budget Maintenance:				
	Generator Inspections & Service	All		18,000	Ongoing
	HVAC Inspections	All		5,500	Ongoing
	Cla-Val Inspections & Service	Potable		5,000	Ongoing
	TOTAL		78,819	178,797	

	Not Started
	In Process
	Completed

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
9/30/2022

Special Tax Fund (Acct #105636-009)
Account Balance at Wilmington Trust \$ 7,379.81

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

Administrative Expense Fund(Acct #105636-011)
Account Balance at Wilmington Trust 9.23

Surplus Fund (Acct #105636-012)
Account Balance at Wilmington Trust 1,184,902.60

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
9/30/2022

<u>Special Tax Fund (Acct #105636-014)</u> Account Balance at Wilmington Trust	\$ 365.66
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-015)</u> Account Balance at Wilmington Trust	8.21
<hr/>	
<u>Administrative Expense Fund(Acct #105636-016)</u> Account Balance at Wilmington Trust	5.22
<hr/>	
<u>Surplus Fund (Acct #105636-017)</u> Account Balance at Wilmington Trust	247,931.28
<hr/>	
Prepayment Fund (Acct #105636-026) Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 248,310.37

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
9/30/2022

Special Tax Fund (Acct #105636-019)
Account Balance at Wilmington Trust \$ 84,173.96

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

Administrative Expense Fund(Acct #105636-021)
Account Balance at Wilmington Trust \$ 9.23

Surplus Fund (Acct #105636-022)
Account Balance at Wilmington Trust \$ 629,923.70

Prepayment Fund (Acct #105636-027)
Account Balance at Wilmington Trust -

TOTAL **\$ 714,106.89**

**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
9/30/2022**

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.03
- Lien Interest A/C (Acct #105636-001)		5,408.32
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,268,878.53
- Reserve Fund CFD #2 (Acct #105636-005)		276,473.17
- Reserve Fund CFD #3 (Acct #105636-006)		1,497,725.75
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		1,686.83
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		619,961.04
- Reserve Fund CFD #2 (Acct #105639-005)		100,322.29
- Reserve Fund CFD #3 (Acct #105639-006)		541,659.42
TOTAL		
	\$	5,312,115.39

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA1
Financing Authority
(Terramor)
9/30/2022

Special Tax Fund (Acct #133306-001)
Account Balance at Wilmington Trust \$ 52,803.41

Interest Acct (Acct #133306-002)
Account Balance at Wilmington Trust 25.54

BONDS PR ACCT (Acct #133306-003)
Account Balance at Wilmington Trust -

Administrative Expense Fund(Acct #133306-004)
Account Balance at Wilmington Trust 46,275.13

Reserve fund Fund (Acct #133306-005)
Account Balance at Wilmington Trust 1,405,354.45

Surplus Fund (Acct #133306-006)
Account Balance at Wilmington Trust 235,408.53

Redemption fund (Acct #133306-007)
Account Balance at Wilmington Trust -

Construction fund (Acct #133306-008)
Account Balance at Wilmington Trust 0.82

Cost of Issuance (Acct #133306-009)
Account Balance at Wilmington Trust -

TOTAL \$ 1,739,867.88

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA2
Financing Authority
(Terramor)
9/30/2022

Special Tax Fund (Acct #151110-000)
Account Balance at Wilmington Trust \$ 47,894.81

Interest Acct (Acct #151110-001)
Account Balance at Wilmington Trust 20.86

BONDS PRIN ACCT (Acct #151110-002)
Account Balance at Wilmington Trust -

Redemption Acct (Acct #151110-003)
Account Balance at Wilmington Trust -

Administrative Expense Fund(Acct #151110-004)
Account Balance at Wilmington Trust -

Reserve fund Fund (Acct #151110-005)
Account Balance at Wilmington Trust 1,137,612.25

Surplus Fund (Acct #151110-006)
Account Balance at Wilmington Trust -

Construction fund (Acct #151110-007)
Account Balance at Wilmington Trust 2,936,194.79

Cost of Issuance (Acct #151110-008)
Account Balance at Wilmington Trust -

TOTAL \$ 4,121,722.71



PMIA/LAIF Performance Report as of 10/06/22



PMIA Average Monthly Effective Yields⁽¹⁾

September	1.513
August	1.276
July	1.090

Quarterly Performance Quarter Ended 06/30/22

LAIF Apportionment Rate ⁽²⁾ :	0.75
LAIF Earnings Ratio ⁽²⁾ :	0.00002057622201151
LAIF Fair Value Factor ⁽¹⁾ :	0.987125414
PMIA Daily ⁽¹⁾ :	0.99%
PMIA Quarter to Date ⁽¹⁾ :	0.69%
PMIA Average Life ⁽¹⁾ :	311

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 08/31/22 \$229.3 billion

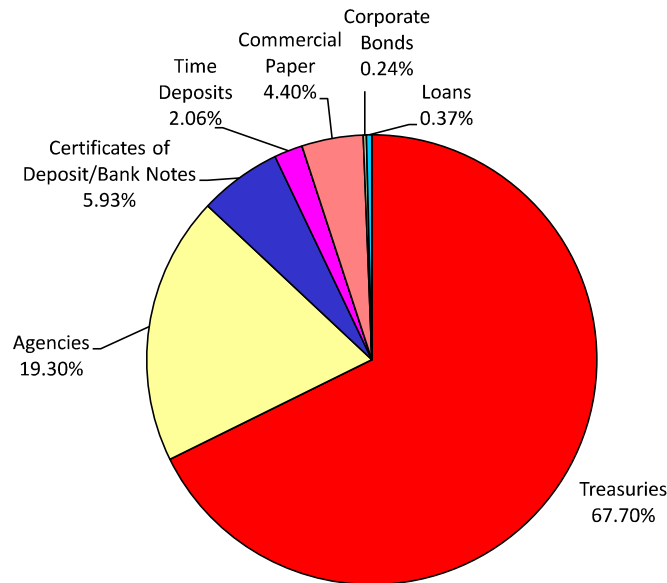


Chart does not include \$4,017,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA 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:

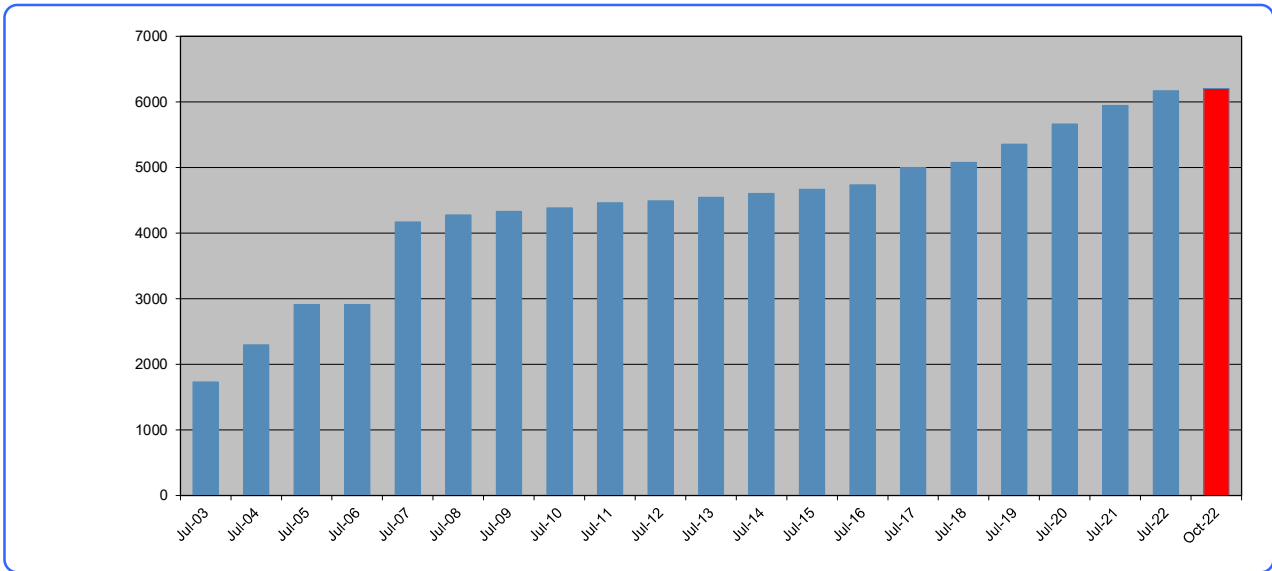
⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

**TEMESCAL VALLEY WATER DISTRICT
CUSTOMER COUNT PER YEAR(RESIDENTIAL)**

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

DATE	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	Jul-20	Jul-21	Jul-22	Oct-22
CUSTOMERS	1729	2295	2910	2910	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	5000	5076	5358	5662	5948	6173	6206



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	1735	1735	100%
The Retreat	525	525	100%
Terramor	1487	1000	67% 15 MODELS
Harmony Grove	50	50	100%
Sycamore Highlands	79	0	0%
Temescal Office Part	80	0	0%
	6852	6206	91%

TOTAL CUSTOMER COUNT REPORT
September 30, 2022

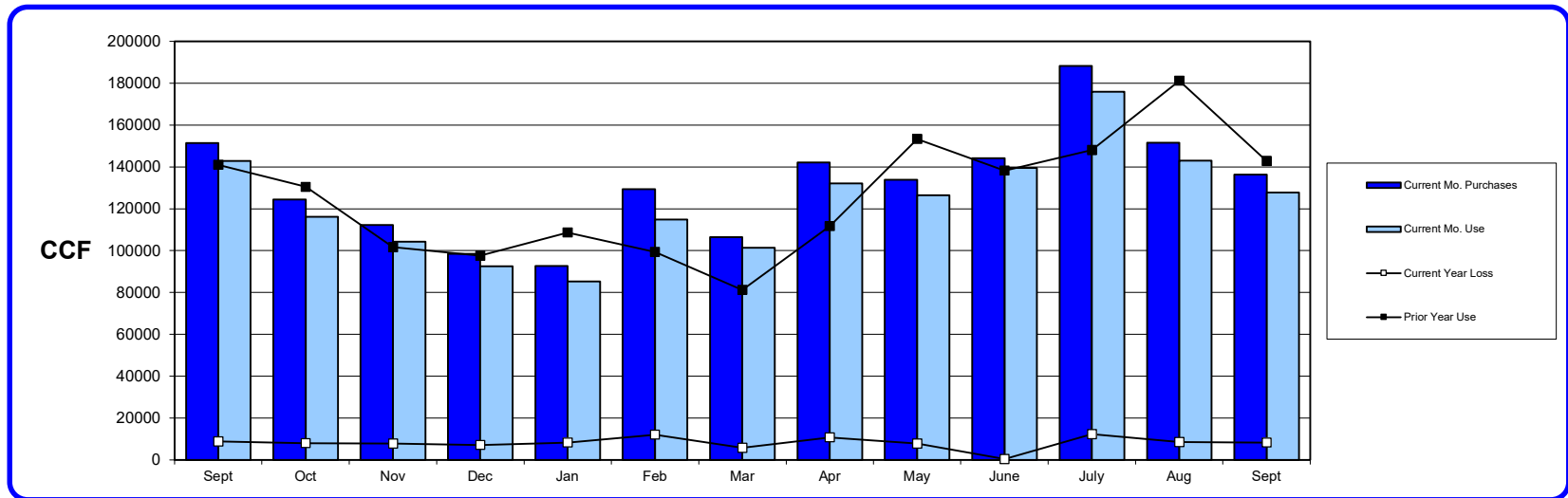
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 11 Accts closed/transf 37 Empty Homes 2			Butterfield (305) Calif. Meadows (345)	
Residential	6168	2	650	6820
Commercial	96	0	2	98
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	67	0	67
Non-Potable Water other	0	152	0	152
Construction-Bulk Sales	0	10	0	10
Total Active Customers	6268	232	652	7193

DELINQUENT REPORT

Meters Read - Customers Billed	6500	
Received Delinquent Notice on current bill	440	
Turned Off for lack of payment	2	0.03%
Customers turned back on, amount paid	2	0.03%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	TOTAL
Beg Water Levels	13105	12830	13091	13383	12271	11507	14012	13478	12806	12493	13272	13282	13283	
Ending Water Levels	12830	13091	13383	12271	11507	14011	13478	12806	12493	13272	13282	13283	13570	
Cur Yearly Purchases	151403	124397	112327	98488	92725	129333	106514	142162	133959	144158	188279	151648	136388	1711781
Cur Yr Monthly Use	142826	116129	104291	92551	85242	114797	101282	132069	126528	139475	175991	143103	127809	1602093
Prior Yr Monthly Use	141011	130445	101649	99436	108646	99436	81228	111662	153372	148077	148077	181209	142826	1647074



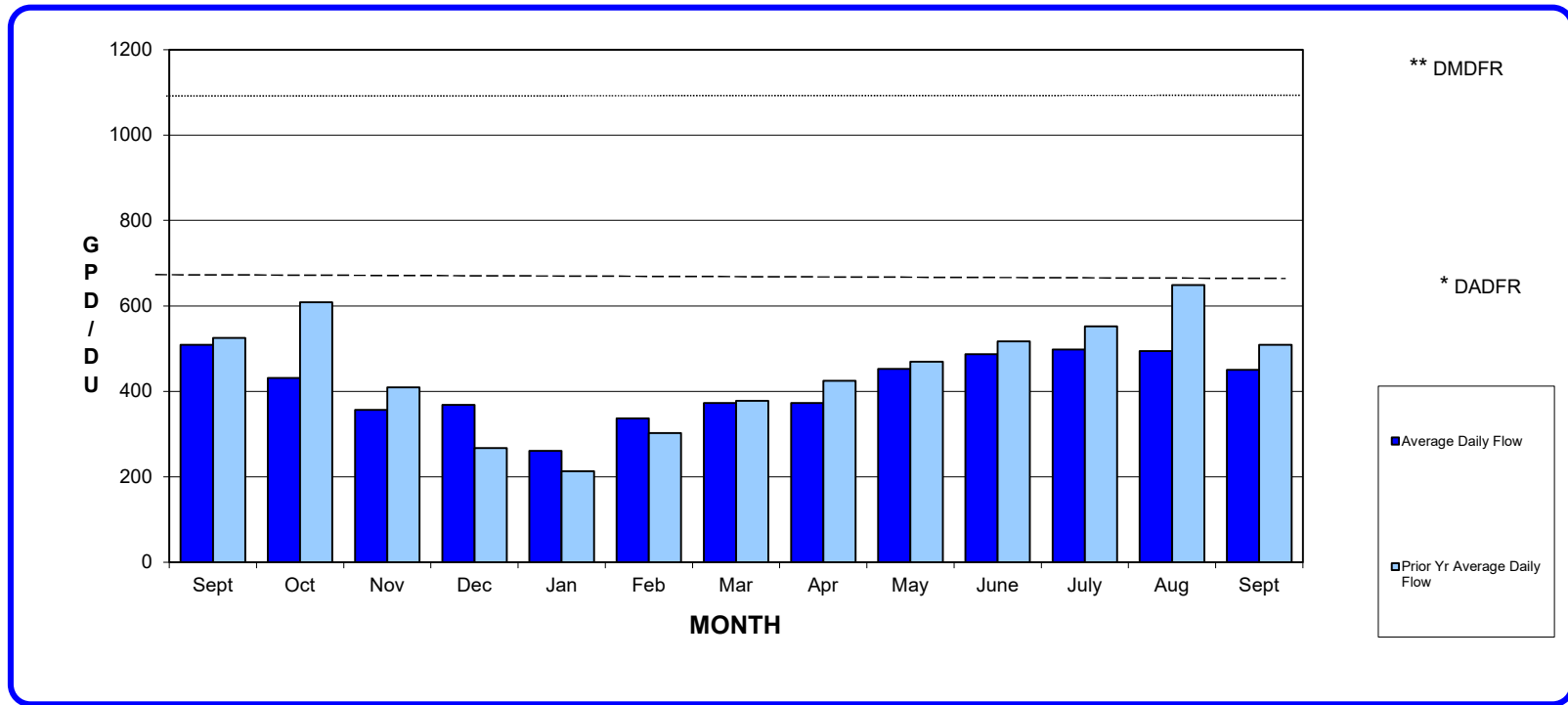
KEY

2019-2020
2020-2021
2021-2022
2022-2023

SUMMARY	
Beginning Water in System	13105 CCF
Water Purchased in last 13 months	1711781 CCF
Water Used in last 13 months	1602093 CCF
Water Remaining in System	13570 CCF
(Loss)/Gain over last 13 months	(109223) CCF
	-6.38%

RESIDENTIAL WATER USAGE AVERAGE DAILY FLOW

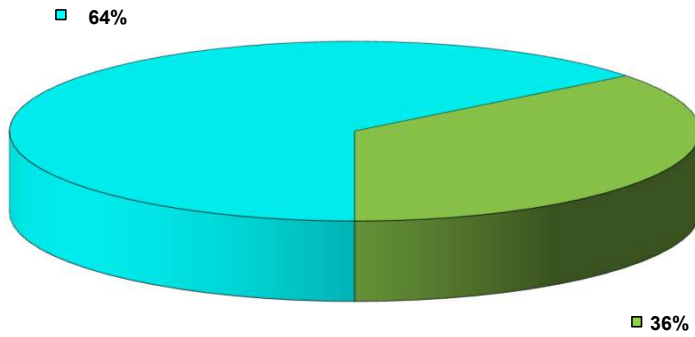
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	YEARLY AVERAGE
Average Daily Flow	508	432	357	368	261	337	373	373	453	487	498	495	450	407
Prior Yr Average Daily Flow	525	608	409	267	213	302	378	425	470	517	552	648	508	441



Key
2020-2021
2021-2022
2022-2023

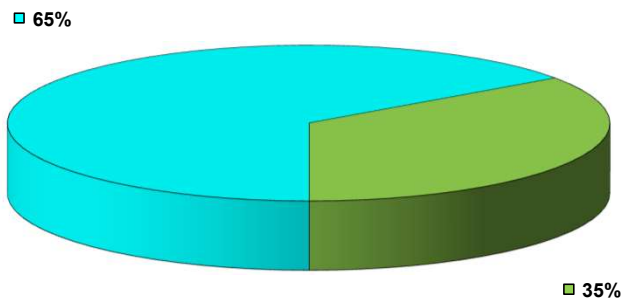
- * DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)
- ** DESIGN MAXIMUM DAILY FLOW RATE IN GPD (1140)

**Temescal Valley Water District
Volume of Water Sold
For Three Months Ending September 30, 2022
F/Y 2022-2023**



POTABLE NON-POTABLE

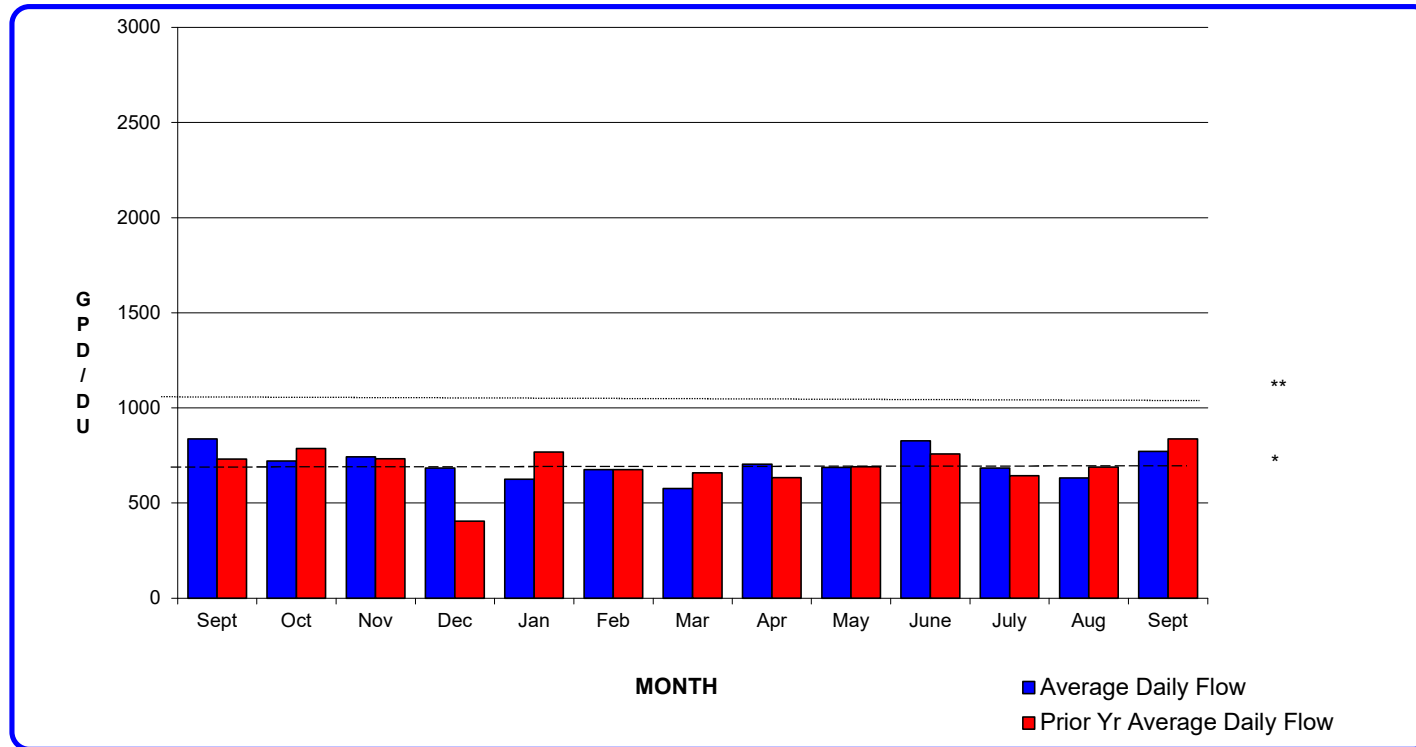
**Temescal Valley Water District
Water Volume Sold
For F/Y 2021-2022
Twelve Months**



POTABLE NON-POTABLE

COMMERCIAL WATER USAGE AVERAGE DAILY FLOW

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	YEARLY AVERAGE
Average Daily Flow	838	721	744	684	625	675	577	704	688	827	683	632	771	694
Prior Yr Average Daily Flow	730	788	732	405	768	676	660	634	691	758	643	689	838	690



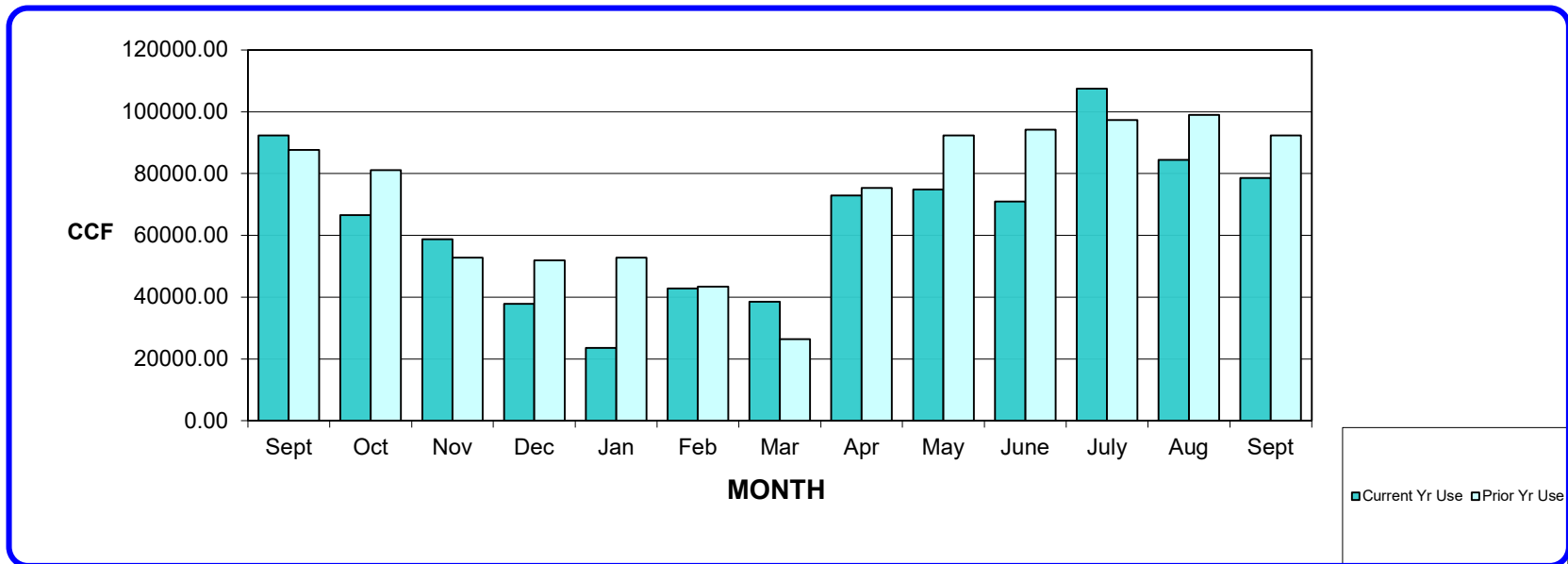
Key
2020-2021
2021-2022
2022-2023

* 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)

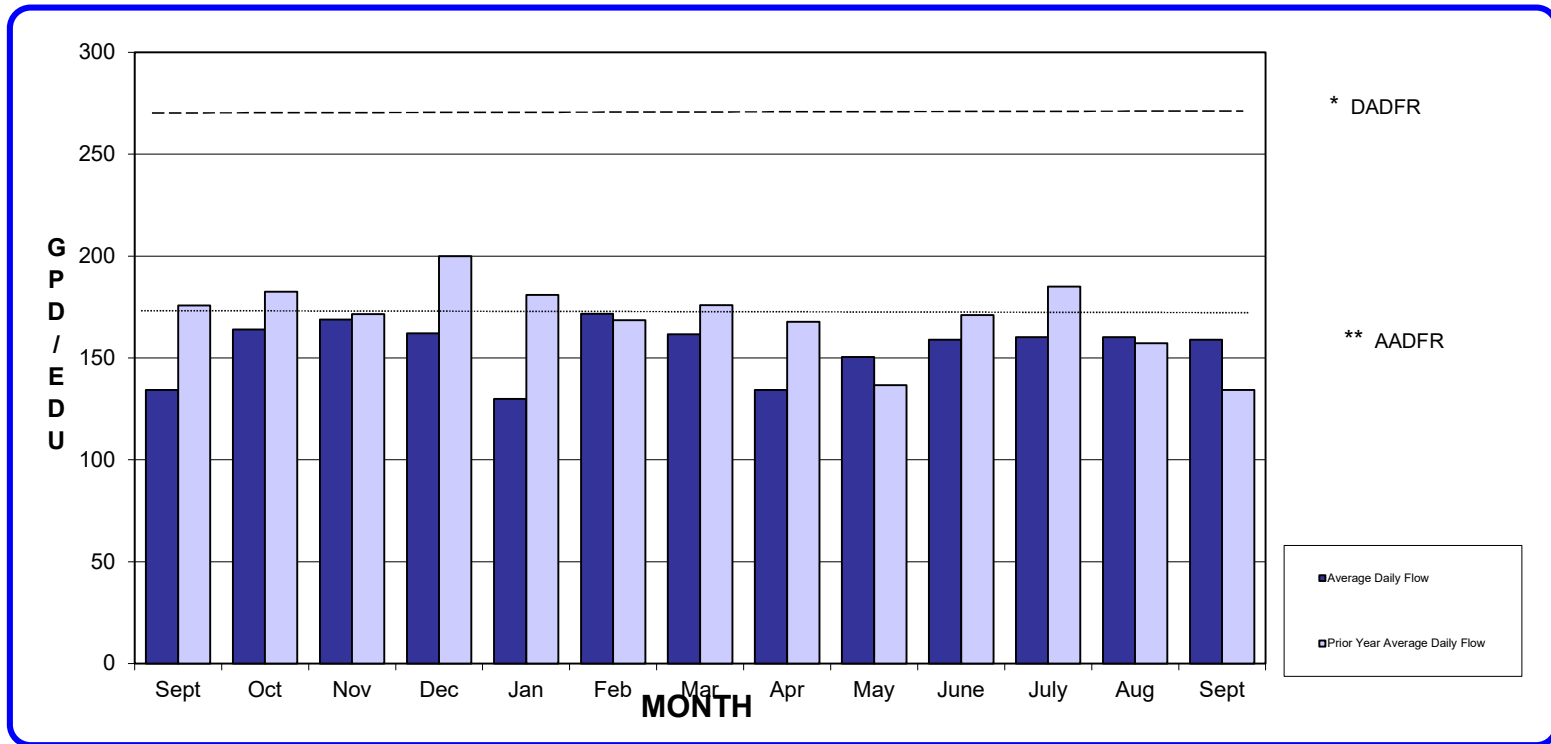
	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Current Yr Use	92269.57	66474.53	58720.00	37812.00	23570.72	42797.73	38517.00	72833.55	74866.40	70903.37	107422.03	84406.00	78606.00
Prior Yr Use	87622.51	81051.36	52720.00	51836.00	52720.00	43322.39	26400.23	75335.76	92363.00	94145.68	97230.00	98914.00	92269.57
Revenue	\$262,607	\$262,607	\$180,268	\$136,385	\$83,291	\$140,197.47	\$126,336	\$203,713	\$237,444	\$177,858	\$303,475	\$238,453	\$235,984



Key	
2020-2021	
2021-2022	
2022-2023	

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

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	12-Month Average
Average Daily Flow	134	164	169	162	130	172	162	134	151	159	160	160	159	168
Prior Year Average Daily Flow	176	183	172	200	181	169	176	168	137	171	185	157	134	169



** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

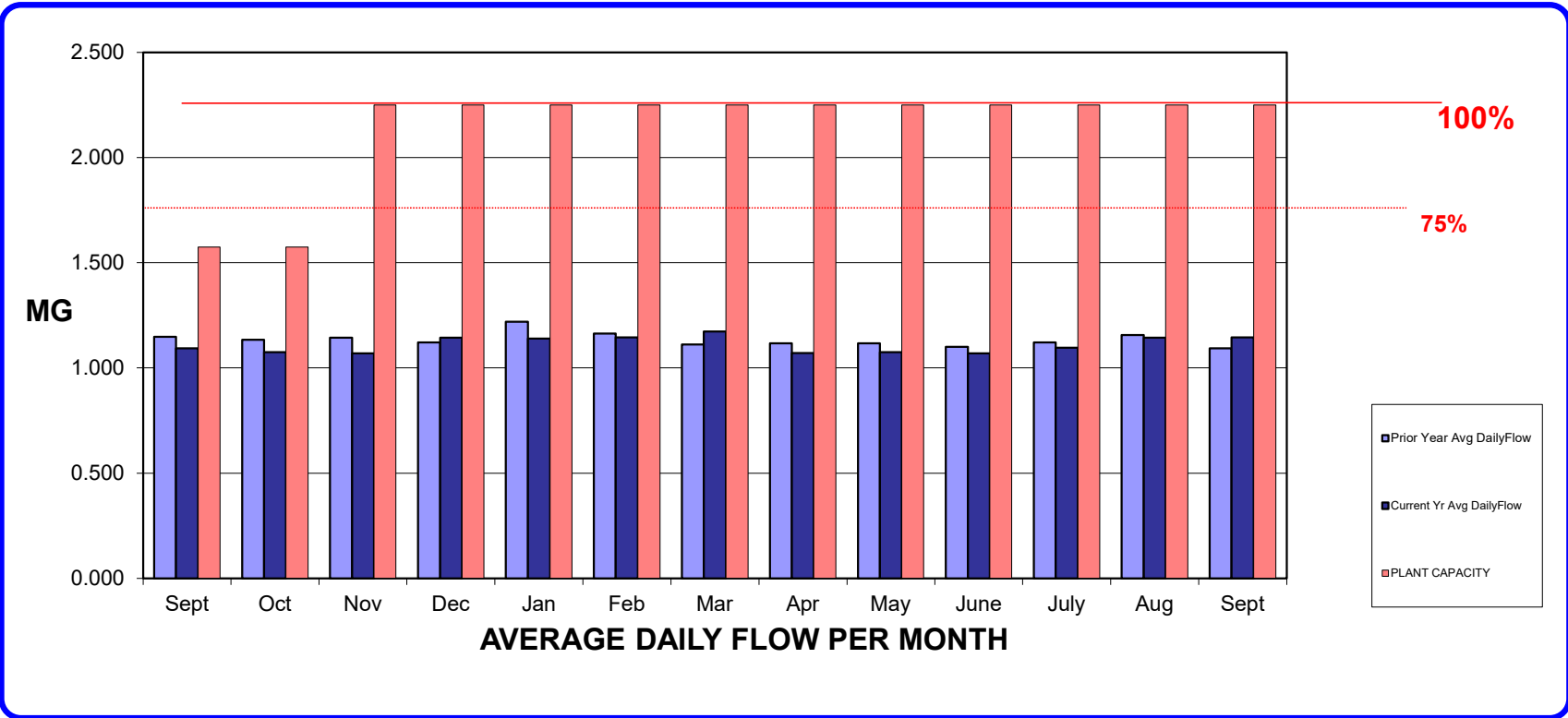
RECLAMATION PLANT FLOW REPORT

AVERAGE DAILY FLOW (Million Gallons)

Key	
2020-2021	
2021-2022	
2022-2023	

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
Current Yr Avg DailyFlow	1.0940	1.0760	1.0690	1.1430	1.1400	1.1460	1.1730	1.0710	1.0760	1.0690	1.0970	1.1430	1.1460
Prior Year Avg DailyFlow	1.1490	1.1340	1.1430	1.1210	1.2200	1.1630	1.1110	1.1170	1.1180	1.1000	1.1210	1.1570	1.0940

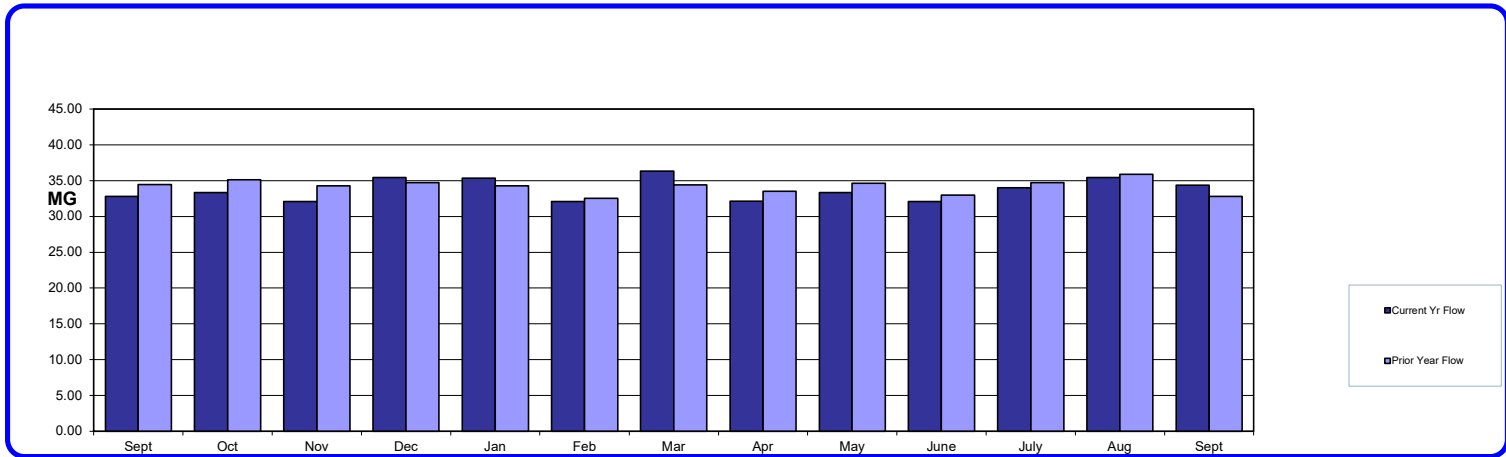
PLANT CAPACITY	1.575	1.575	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250
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RECLAMATION PLANT DISCHARGE REPORT MONTHLY FLOW (Million Gallons)

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total/yr
Current Yr Flow	32.82	33.36	32.07	35.44	35.35	32.08	36.36	32.12	33.35	32.08	34.01	35.45	34.37	406.04
Prior Year Flow	34.47	35.14	34.28	34.75	34.28	32.56	34.44	33.50	34.66	33.00	34.76	35.87	32.82	410.05

Potential Revenue \$131,180 \$133,351 \$128,190 \$141,665 \$141,305 \$128,214 \$145,343 \$128,390 \$133,311 \$128,250 \$135,957 \$141,705 \$137,388 \$1,623,070

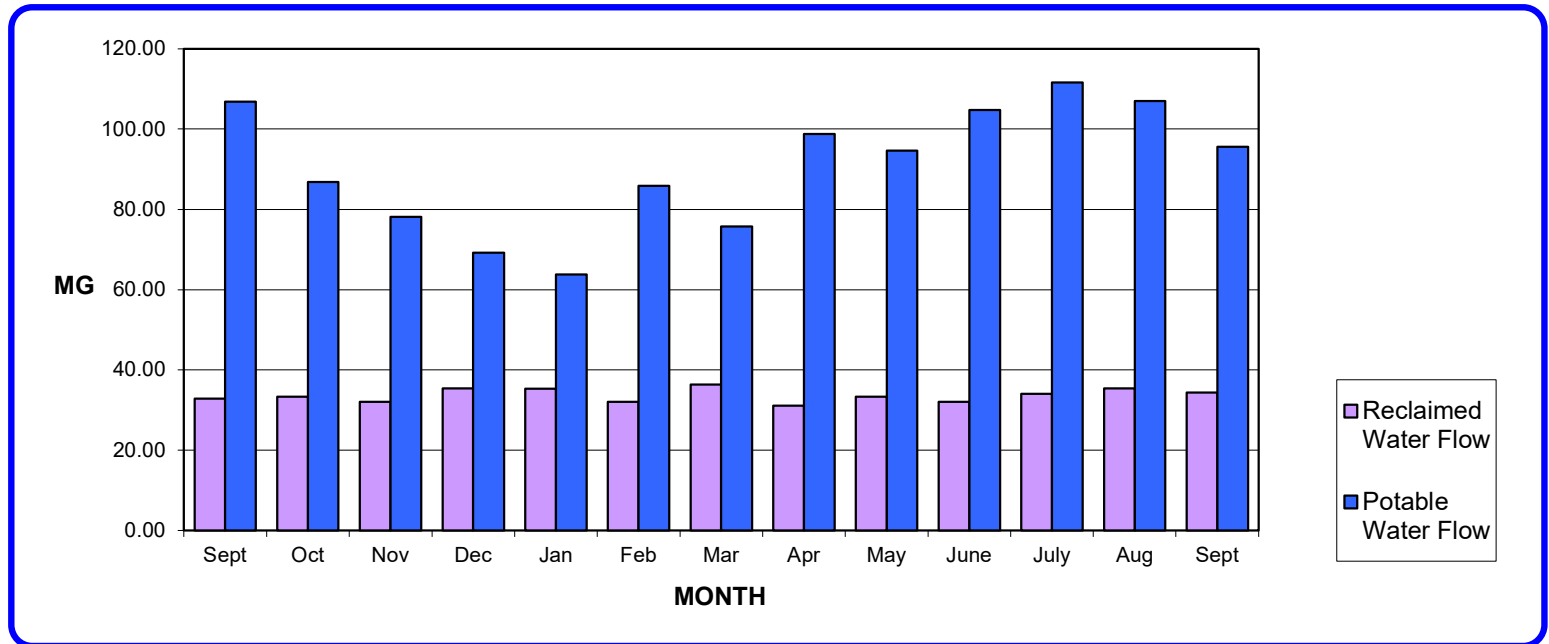


Key	
2020-2021	■
2021-2022	■
2022-2023	■

Note - recycled water only

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept
No. of Sewer Dwelling Units Connected	6954	6983	6985	6996	7037	7052	7058	7097	7097	7106	7135	7135	7149
Reclaimed Water Flow	32.82	33.36	32.07	35.44	35.35	32.08	36.36	31.12	33.35	32.05	34.01	35.43	34.37
Potable Water Flow	106.83	86.87	78.10	69.23	63.76	85.87	75.76	98.79	94.64	104.77	111.64	107.04	95.60



TEMESCAL VALLEY WATER DISTRICT
AVERAGE WATER UNITS PER MONTH BY ROUTE

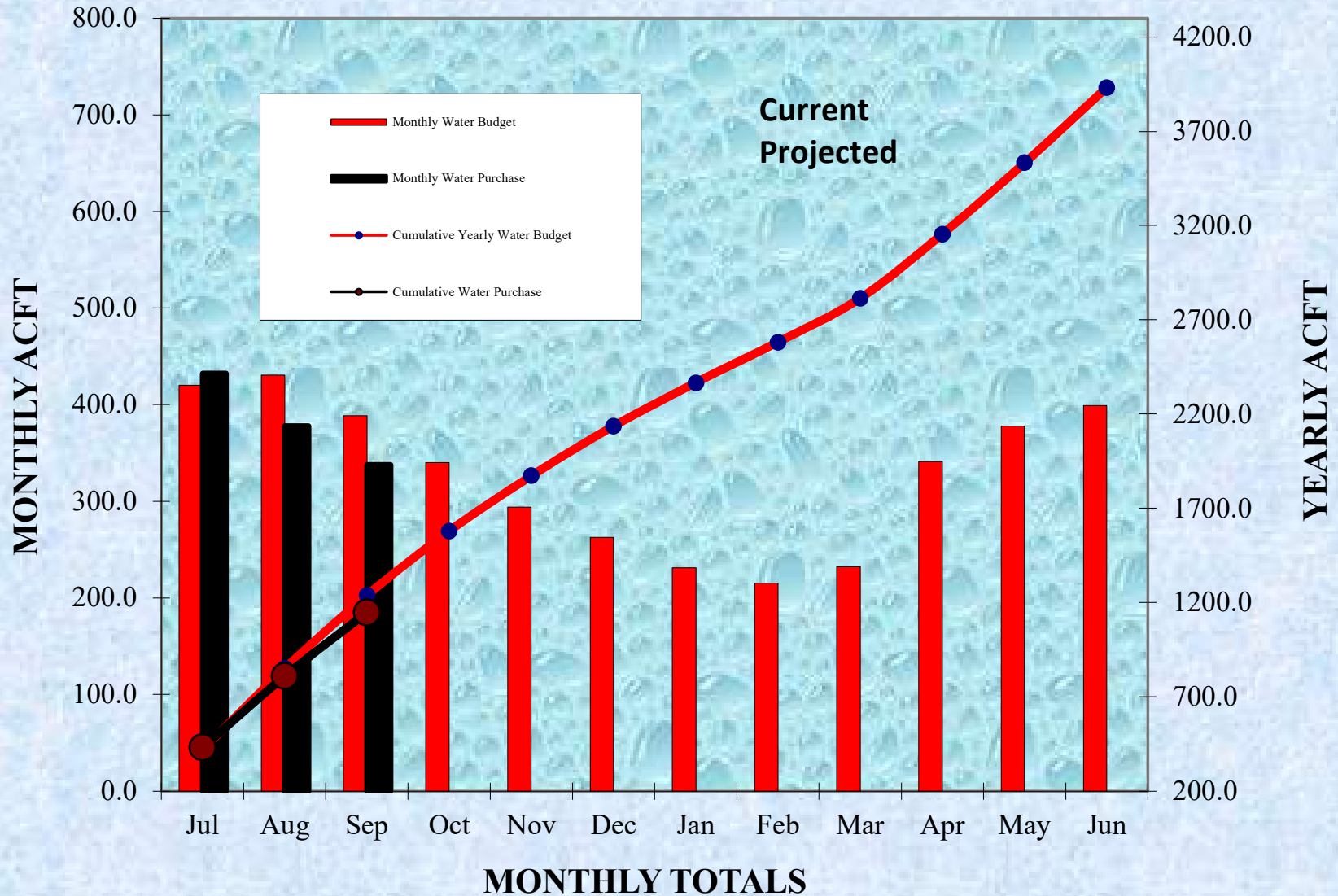
Month	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Terramor(8)	Harm Gr(13)	Dist Avg	AVG IND-BK / IRR (1)	TOTAL		
											RECYCLED	NONPOT-Other	NONPOT-Trilogy Golf
AVG '07-'08	18.1	32.7	15.9	32.2	21.7	37.1	0.03	-	25.9	83.9			
AVG '08-'09	24.6	33.8	17.0	33.3	32.6	40.8	-	-	25.4	53.3			
AVG '09-'10	21.9	30.0	15.8	30.2	26.3	0.0	-	-	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	q			
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
AVG '19-'20	20.1	24.4	15.4	25.6	18.6	27.2	12.7	6.1	18.9	399.3	41,168.9	3,775.2	11,460.0
AVG '20-'21	21.5	28.2	17.6	25.9	19.6	30.5	13.8	7.9	19.7	54.9	49,744.3	4,450.3	12,932.8
AVG '21-'22	20.3	26.1	17.9	23.9	19.3	28.0	12.5	9.7	19.3	56.0	42,268.8	4,212.1	15,703.4
Jul-22	28.5	38.9	26.7	37.1	26.0	41.1	16.4	11.3	27.3	48.6	70,391.3	5,597.7	29,540.0
Aug-22	23.4	32.4	21.3	29.3	21.7	33.8	13.2	9.6	22.4	431.4	57,409.6	4,592.3	26,504.1
Sep-22	21.5	28.5	19.0	26.1	18.9	30.7	12.1	8.64	20.0	32.4	53,737.0	4,640.5	20,229.3
Oct-22													
Nov-22													
Dec-22													
Jan-23													
Feb-23													
Mar-23													
Apr-23													
May-23													
Jun-23													
AVG '22-'23													

NOTE: AVG UNITS PER MONTH

WHOLESALE BUDGET vs PURCHASE

Water Year July 2022 through June 2023

3930 ACFT PROJECTION)





October 25, 2022

Board of Directors
Temescal Valley Water District

RE: General Manager's Report

Dear Board:

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

- **Water Supply Availability - Restrictions**
 - New access to Local Water with Sterling Pump Station – Western Letter
 - 7-29-2021 Western's Water Resource Manager – indicated MWD has more water in storage than in any time in its history, approx. 3 million acre feet. As of now there is no pressure from MWD to restrict water demands. They will illustrate alignment with the Governor's request for 15% voluntary reduction with increased marketing for efficient water use and participation in rebate programs. Western will be rolling out a regional outreach effort in partnership with Eastern MWD, Inland Empire UA, and Valley District. We will make these messages/materials available to you when available.
 - 8-19-2021 MWD has a current message that requests a voluntary 15% reduction
 - 4-21-22 SWRCB – Zero SWP allocation possible/ new restrictions on outdoor irrigation possible/Western not reliant on SWP this water year –
 - Restriction on Ornamental Turf coming in June.
 - Possible requirement to go to Conservation Stage II in June
 - Final State Water Resources Control Board requirement for Stage II and Turf
 - District in Stage II and working with HOAs on watering restrictions and Ornamental turf removal.
- **Working on non-potable water supply improvements**
 - Park Canyon Drive RW line – Property owner has agreed to build the RW line along Park Canyon to our existing pipeline from the sump well.
 - Working on new well site near the Sump Booster site on the Temescal Valley Commerce Center.
- **Working on Conservation opportunities and RW/NP conversion locations**
 - Reviewing all 2" potable irrigation meters for potential conversion to RW.
 - Map complete reviewing opportunities to convert to Non-potable or RW
 - Prioritized RW conversion sites and seeking approval to provide preliminary design and cost.
 - Proposed conversion sites identified and information sheets prepared for Engineering Committee review
- **Working with Land Developers on water and sewer fees for multiple infill projects.**

Temescal Valley Water District

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



- Deleo adjacent to Tom's Farms – no news
- Retreat Infill – Kiley Court – Plans signed – new Will Serve sent
- Temescal Canyon Road at Campbell Ranch Road – Taylor Morris purchased property, Received a construction meter for grading. Grading started. Signed plans for water, sewer, and RW. Grading continues. Sewer construction started. District fees have been paid and models in construction.
 - Butterfield sewer connected through the development – pump station removed and tanks cleaned. Next step is to demo the site.
- Kiley Family Trust Property – Tract Map Stage - Public Hearing scheduled – W & S plans submitted – Requested water system study. Plans ready for signature
- Amazon Fulfillment Center (Rinker Property) – Map Stage – Preliminary W & S plans reviewed. Amazon dropped out but the developer is continuing with a plan for commercial buildings.
- New building layout submitted review.
- Second review of Senior Living Development on Ben Day's property.
 - Final review of Senior Living Development infrastructure completed
- Terramor CFD – CFD 4 annexation of Phase 2 completed - Constructing the WRF expansion. Annexation of final PA in Phase 2 completed – Working on Phase 3 Water, Sewer and RW plans. Working on second Bond issuance for IA 2. Bond Issuance for IA2 complete
 - Annexation of IA3 is started.
 - Annexation complete for phase 1 of ID 3
- Terramor Review:
 - Phase 3 –Reviewed phase 3 water and sewer plans – ready for signature.
- Terramor Onsite Water, Sewer and RW improvements
 - Work continues Improvement Area 2 – Richmond America, Pardee and Pulte. Grading of Phase 3 pads will be complete in August. Developer currently building the upper zone booster.
 - Upper booster complete and in operation – final testing and connection to SCADA in the works
 - Work continues on the water, sewer and RW in ID 3
- WRF 225K GPD upgrade
 - The WRF is finished – a few final warrantee items outstanding. Warrantee items complete – retention released
- New Storage Building
 - Received three prices on the building – above Cap budget amount - looking for ways to reduce the cost.
 - Proposals on August meeting agenda
 - Building approved by Board -deposit paid – concrete slab scheduled in October – building in late November.
 - Slab and footings in construction.
- AMI/AMR Meter Reading system upgrade
 - Research continues different data collection systems, software and meters.
 - Expecting final coverage proposal prior to September Board meeting.



- Working on the RFP to be given to each of the system providers for review by the engineering Committee

October 20, 2022

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – September 2022

Dear Board Members:

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

- Managed 313.1 acre-feet of water through system.
- Collected weekly potable water samples as required by the State Water Resources Control Board, Division of Drinking Water. Collected routine wastewater monitoring samples as required by Regional Water Quality Control Board.
- Submitted monthly SMR and Report to the Regional Water Quality Control Board for: Temescal Valley Wastewater Reclamation Facility.
- Submitted monthly reports to the State Water Resources Control Board, Division of Drinking Water for: TVWD distribution system monitoring.
- Meters read 6,500.
- 2 shut offs.
- Responded 89 service calls.
- Installed 11 meters for the various developers.
- Responded to 76 USA Dig Alerts to mark District underground utilities.

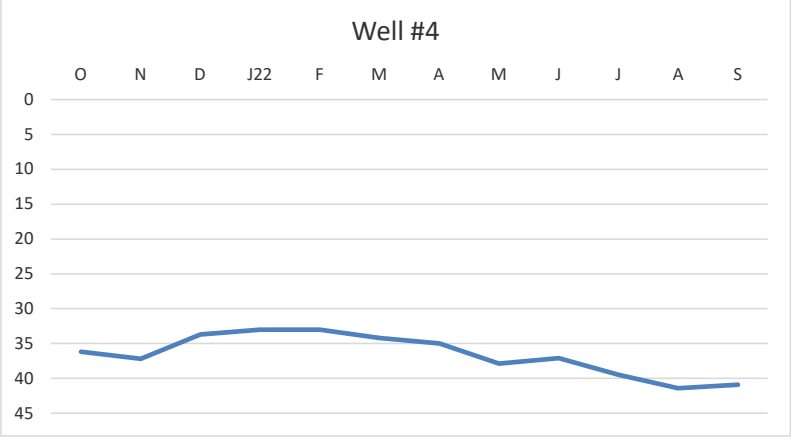
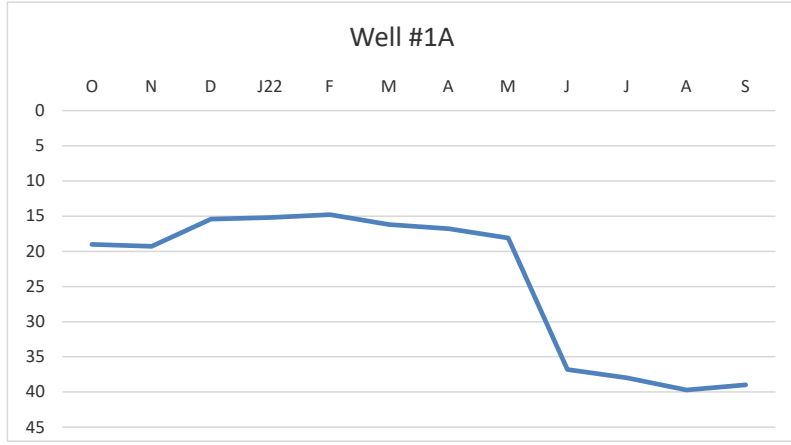
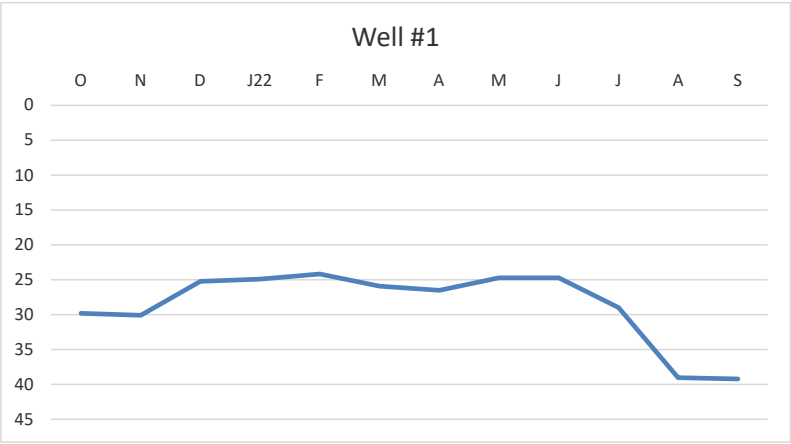
In addition to the above regular and routine tasks we also performed the following operational tasks.

- 0 biosolids loads were hauled off this month.
- The Operations employees received safety training on “Bloodborne Pathogens, Chemical Hygiene and Hazardous Communication.”

- Well 1A check received maintenance to repair a leaking seal.
- We had the perimeter fence repaired at the Upper Retreat Reservoir and at the Treatment Facility behind Percolation Pond #1.
- We had new digester level indicators installed on Digesters 1-5.
- Butterfield Sewer Lift Station is now abandoned as part of the Taylor Morris sewer installation.

Sincerely,

Paul Bishop, Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: October 19, 2022
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of October 2022

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

PLAN CHECKING & DEVELOPER RELATED PROJECTS

Terramor (10555-17 Tracts 38051-1, 2, and 3): Second plan check has been reviewed and accepted. Waiting to sign final mylars for construction.

Track 37155: Third plan check complete, waiting for fourth submittal.

AS-NEEDED ENGINEERING SERVICES **Status**

General Engineering Initiated During FY 2022/23

- Project 1401.2201: As-Needed Potable Water Engineering for FY 2022/23: Development of the district engineering report and attendance of the District's board meeting.
- Project 1401.2202: As-Needed Wastewater Engineering for FY 2022/23: Conducted as-built research for various projects to be designed by developers and other municipalities.
- Project 1401.2203: As-Needed Non-Potable Water Engineering for FY 2022/23: Conducted as-built research for various projects to be designed by developers and other municipalities.
- Project 1401.2204: Potable Water Studies for FY 2022/23: No activity this month.
- Project 1401.2205: GIS/Map Updates for FY 2022/23: No activity this month.
- Project 1401.2206: Wastewater Studies for FY 2022/23: No activity this month.

CAPITAL IMPROVEMENT PROJECTS **Status**

- Project 1401.2008: DWR LAM Validation: The second batch of information provided by DWR has been reviewed, corrected, and returned to DWR for processing. We are currently waiting on direction from DWR regarding the next steps.

90% Complete

- Project 1401.2009: Manhole Rehabilitation Project: The project bids are currently under review and will be brought to the board at the November meeting.
- Project 1401.2207: Wildrose Reservoir Design: The 30% design has been completed and it is currently under review by the General Manager. **30% Complete**
- Project 1401.2208: Sludge Study: Dudek staff met with District operators onsite to conduct the first field investigation and kickoff the project. Using the obtained information Dudek has begun their analysis and development of the report. **15% Complete**
- Project 1401.2209: Recycled Water Conversion Study: The first draft of the proposed recycled water conversion project descriptions and estimates are attached to this report. This information will be reviewed in detail with the Engineering Committee during the November Committee meeting. **50% Complete**

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 1	<u>CIP/CRP ID:</u> TBD	<u>Location:</u>
<u>Project Title:</u> The Retreat Recycled Meter Conversion and Booster Pump Replacement	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD	
<u>Project Description:</u> Replacement of the existing booster station and conversion of the existing water service to connect directly to the proposed booster station Features: <ul style="list-style-type: none"> Removal of the existing Booster Pump Station and replacement with a new Booster Pump Skid Replace the existing potable water lateral servicing the storage pond with a new dedicated connection between the new pump skid and the recycled water system 	<u>Justification:</u> The existing booster station has reached the end of its useful life and is at risk of failure. Currently water is discharged into a storage pond near the booster station and the suction line draws from this pond. Due to long term maintenance concerns this current configuration will be modified to provide a direct connection between the recycled water system and the suction manifold of the proposed booster station.		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: TBD Construction Phase: TBD		



FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund 025	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$100,000			
Environmental	\$0			
Construction	\$ 200,000			
District Administration & CM	\$ 20,000			
TOTAL COST	\$320,000			



Project 1 Recycled Meter Conversion and Booster Pump Replacement

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 2	<u>CIP/CRP ID:</u> TBD	<u>Location:</u>
<u>Project Title:</u> Medical Center Corona/TVWD Recycled Water Pipeline	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD	
<u>Project Description:</u> Extension of the existing recycle water system to connect to and convert of the 12-inch existing Corona potable water system to recycled Features: <ul style="list-style-type: none"> • Installation of an approx. 1,173 linear feet recycled water pipeline down Knabe Rd • Installation of four recycled water laterals which will supply the three commercial buildings with irrigation water • Conversion of the Corona waterline will require a tie in to the Temescal potable water system and installation of five potable water services 	<u>Justification:</u> The three commercial buildings in this project are currently using approx. 14.5 million gallons per year of potable water as their irrigation supply. Conversion of these meters to recycle water will eliminate this potable water demand. In order to achieve this an extension must be installed to connect the existing recycled water system to the existing Corona potable waterline along Knabe Rd. Before this connection is made the existing Corona potable waterline customers will be connected to the Temescal Valley potable system using new services and an intertie between the potable water systems at Bedford Motorway.		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:		



Project 2 Medical Center Corona/TVWD Recycled Water Pipeline

FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$117,040			
Environmental	\$0			
Construction	\$585,200			
District Administration & CM	\$58,520			
TOTAL COST	\$760,760			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 3	<u>CIP/CRP ID:</u> TBD
<u>Project Title:</u> Wildrose Business Park Extension of Ex. Recycled System	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD
<u>Project Description:</u> Extension of existing recycled water system to connect the six commercial buildings in the Wildrose business park to recycled water for irrigation Features: <ul style="list-style-type: none">• Installation of six separate laterals that will supply six commercial buildings with recycled water for irrigation• Installation of an approx. 315 linear feet recycled water extension down Stellar Ct	<u>Justification:</u> The six commercial buildings in this project are currently using approx. 1.2 million gallons per year of potable water as their irrigation supply. Conversion of these meters to recycled water will eliminate this potable water demand. In order to achieve this an extension must be installed to tie in these six meters to the recycled water system and minimize the new lateral lengths.	
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:	

Location:



Project 3 Wildrose Business Park Extension of Ex. Recycled System

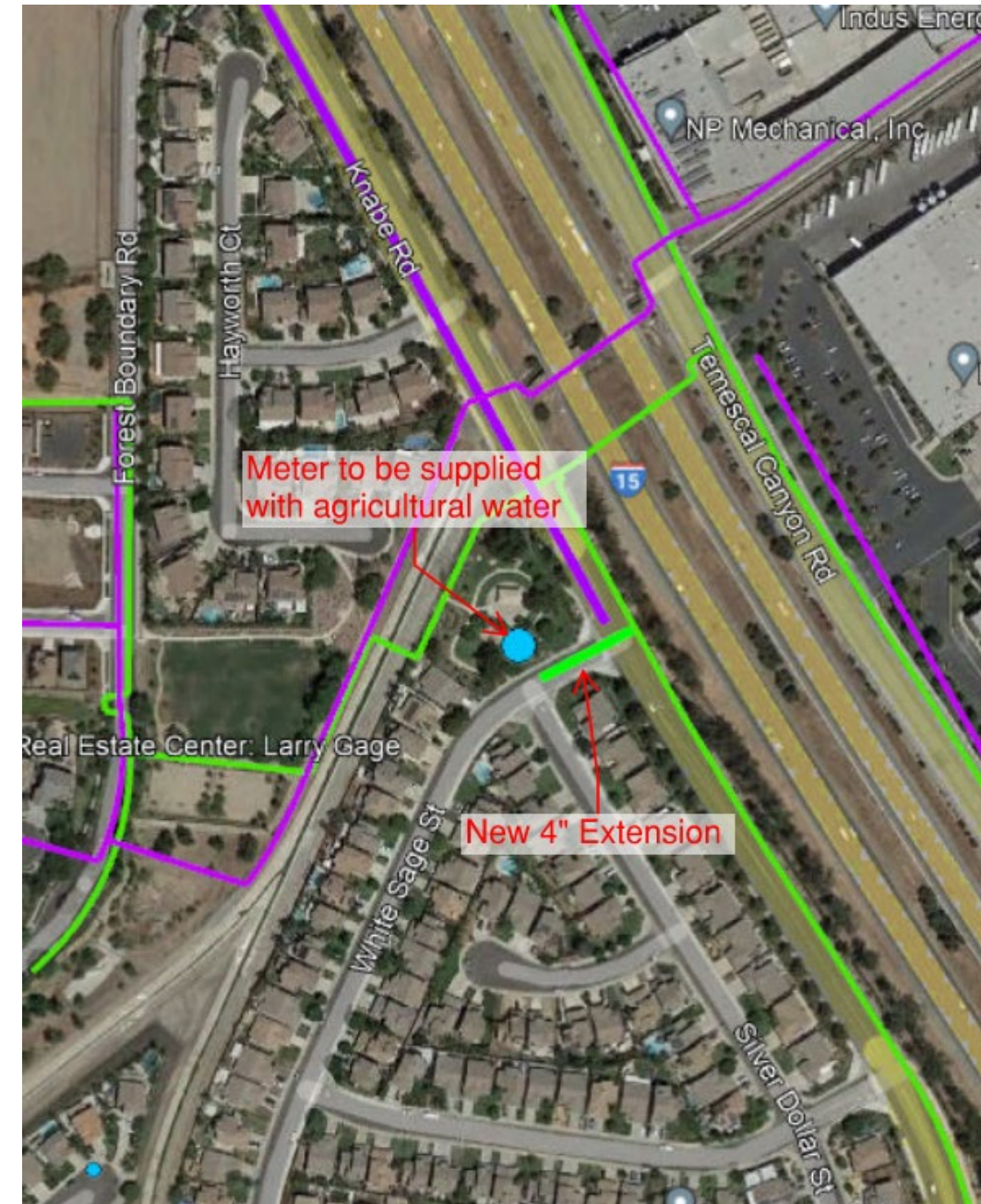
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$21,780			
Environmental	\$0			
Construction	\$108,900			
District Administration & CM	\$10,890			
TOTAL COST	\$141,570			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 4	<u>CIP/CRP ID:</u> TBD	<u>Location:</u>
<u>Project Title:</u> Wildrose Community Park Recycled Conversion Project	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD	
<u>Project Description:</u> Installation of a new agricultural water extension and a new lateral to supply the Wildrose Community Park with irrigation water Features: <ul style="list-style-type: none"> • Installation of an approx. 164 linear feet recycled water extension on White Sage St. • Installation of 1 lateral to supply the park with water for irrigation 	<u>Justification:</u> The Wildrose Community Park is currently using approx. 2.5 million gallons per year of potable water as their irrigation supply. Conversion of this meter to agricultural water will eliminate this potable water demand. In order to achieve this an extension must be installed to tie in the park's meter to the agricultural water system and minimize the new lateral length.		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:		



Project 4 Wildrose Community Park Recycled Water Conversion Project

FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$13,872			
Environmental	\$0			
Construction	\$34,680			
District Administration & CM	\$3,468			
TOTAL COST	\$52,020			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 5	<u>CIP/CRP ID:</u> TBD
<u>Project Title:</u> Temescal Valley Elementary School Yard Ag Water Conversion	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD
<u>Project Description:</u> Installation of a new agricultural water extension with two new laterals to supply the Temescal Valley Elementary School Yard with irrigation water Features: <ul style="list-style-type: none"> • Installation of an approx. 1195 linear feet agricultural water extension down Claystone Ave • Installation of two laterals to supply the school with water for irrigation 	<u>Justification:</u> The Temescal Valley Elementary School Yard is currently using approx. 7.5 million gallons per year of potable water as their irrigation supply. Conversion of this meter to agricultural water will eliminate this potable water demand. In order to achieve this an extension must be installed down Claystone Ave to tie the school's meters to the recycled water system and minimize the new lateral lengths.	
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:	

Location:



Project 5 Temescal Valley Elementary School Yard Ag. Water Conversion

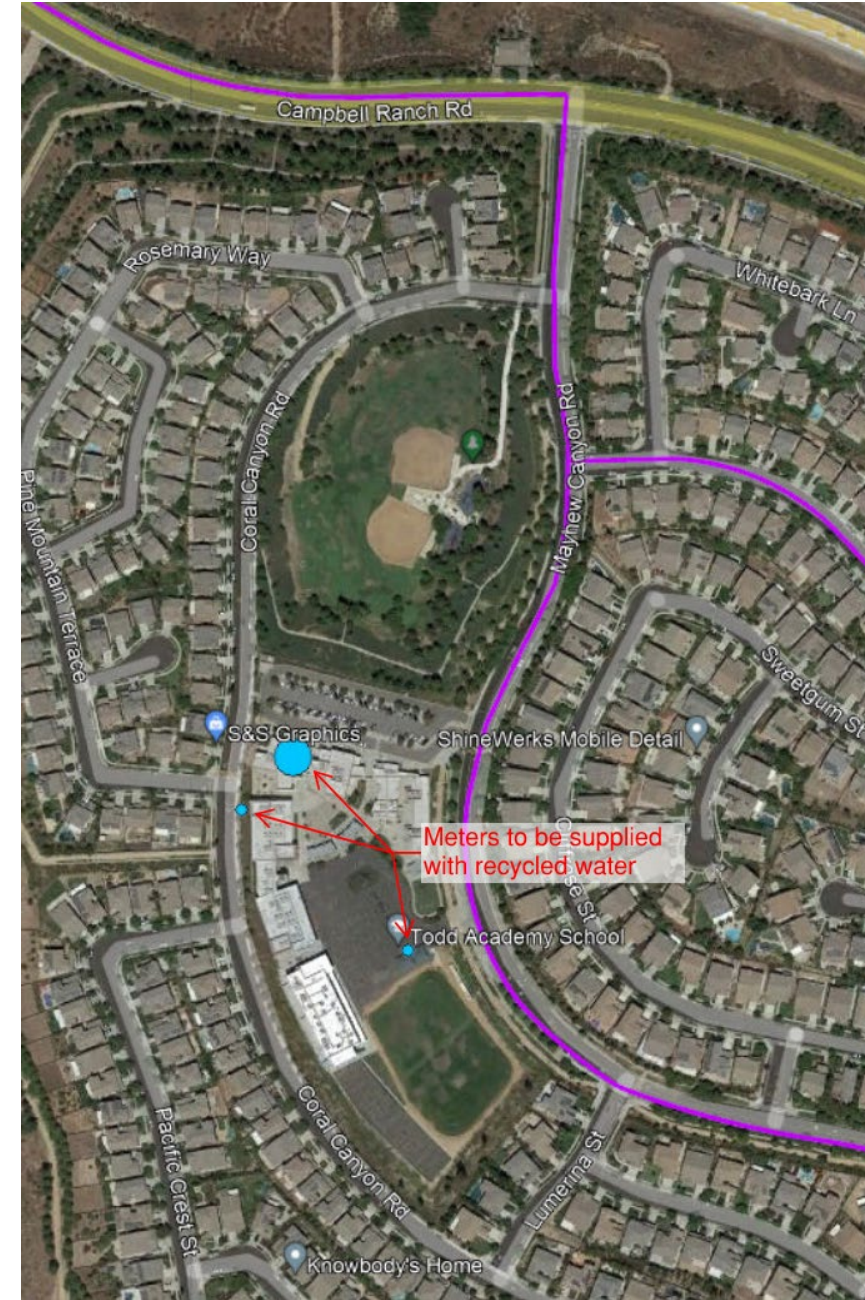
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$94,800			
Environmental	\$0			
Construction	\$237,000			
District Administration & CM	\$23,700			
TOTAL COST	\$355,500			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 6	<u>CIP/CRP ID:</u> TBD	<u>Location:</u>
<u>Project Title:</u> Todd Academy School Yard Recycled Water Conversion	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD	
<u>Project Description:</u> Replacement of existing potable water laterals and installation of three new recycled water laterals to supply the school with irrigation water Features: <ul style="list-style-type: none"> • Installation of three laterals to supply the Todd Academy School yard with irrigation water • Removal of existing potable water laterals 	<u>Justification:</u> The Todd Academy School yard is currently using approx. 4.5 million gallons per year of potable water as their irrigation supply. Conversion of these meters to recycled water will eliminate this potable water demand. In order to achieve this the existing potable water laterals will be removed and replaced with recycled water laterals stemming from the recycled water line on Mayhew Canyon Rd.		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:		



Project 6 Todd Academy School Yard Recycled Water Conversion

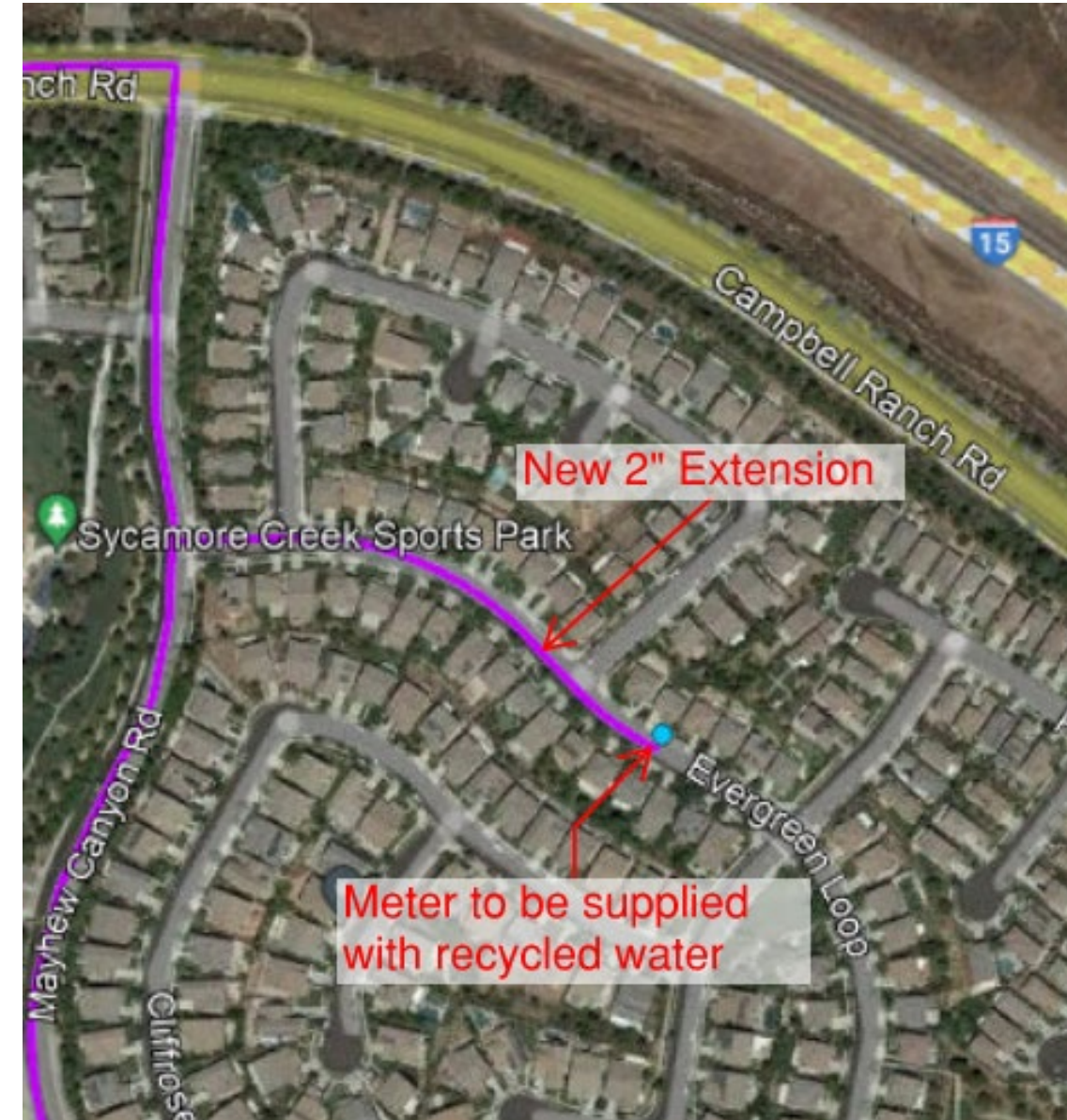
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$9,000			
Environmental	\$0			
Construction	\$45,000			
District Administration & CM	\$4,500			
TOTAL COST	\$58,500			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 7	<u>CIP/CRP ID:</u> TBD	<u>Location:</u>
<u>Project Title:</u> Sycamore Creek Community Park Recycled Conversion	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD	
<u>Project Description:</u> Installation of a new recycle water extension down Evergreen Loop with a service lateral to supply the park with recycled water for irrigation Features: <ul style="list-style-type: none"> • Installation of an approx. 870 linear feet recycled water extension down Evergreen loop • Installation of a service lateral which will supply the community park with recycled water for irrigation 	<u>Justification:</u> The Sycamore Creek Community Park in this project is currently using approx. 600,000 gallons per year of potable water as their irrigation supply. Conversion of this meter to recycled water will eliminate this potable water demand. In order to achieve this an extension must be installed to tie in this meter to the recycled water system and minimize the new lateral lengths.		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:		



Project 7 Sycamore Creek Community Park Recycled Conversion

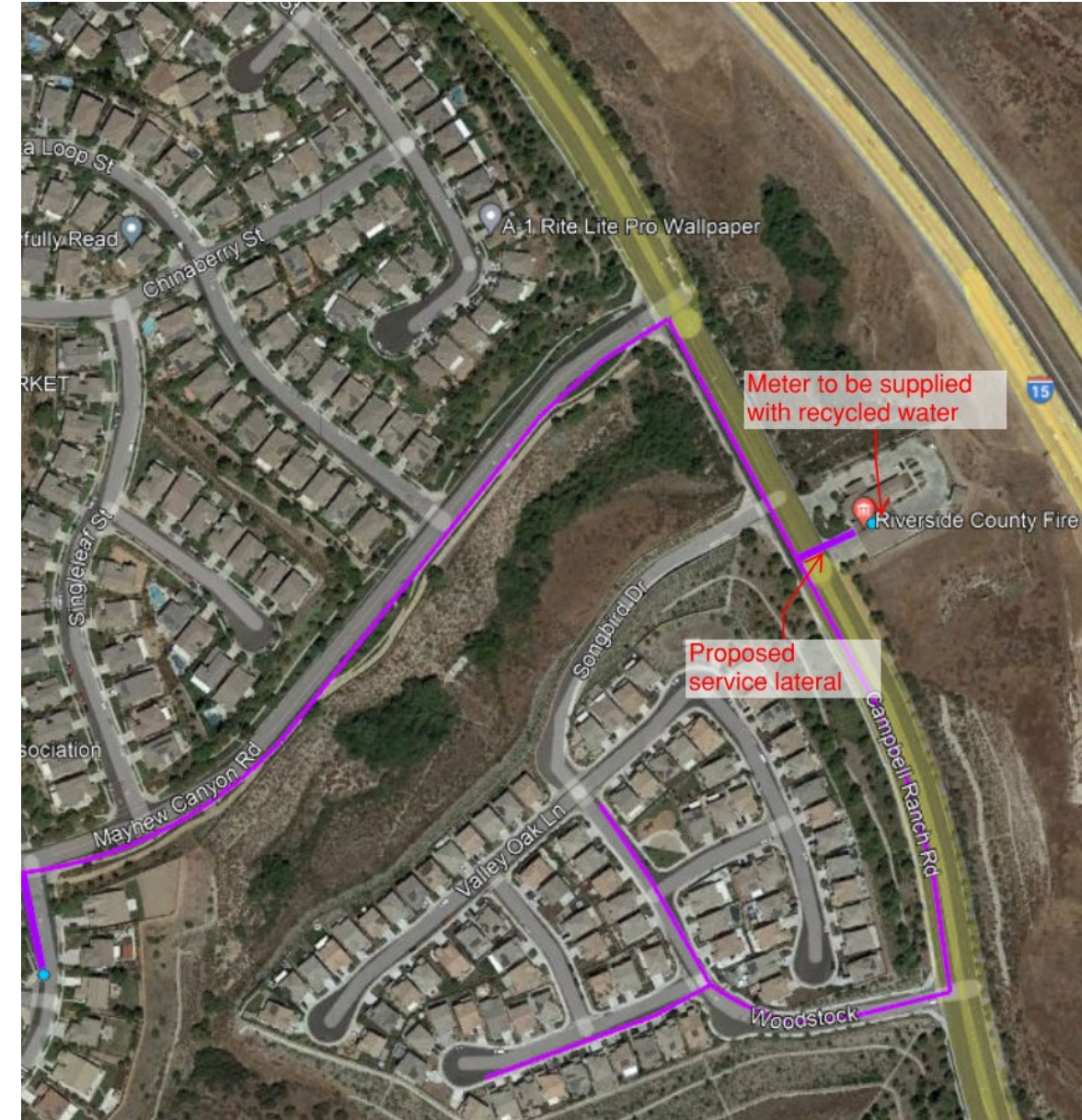
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$50,000			
Environmental	\$0			
Construction	\$120,000			
District Administration & CM	\$12,000			
TOTAL COST	\$182,000			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 8	<u>CIP/CRP ID:</u> TBD	<u>Location:</u>
<u>Project Title:</u> Sycamore Creek Fire Station Recycled Conversion	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD	
<u>Project Description:</u> Replacement of existing potable lateral and the installation of a recycled water service lateral to supply the fire station with irrigation water Features: <ul style="list-style-type: none"> • Installation of a service lateral to supply the Sycamore Creek Fire Station with irrigation water • Removal of existing potable water lateral 	<u>Justification:</u> The Sycamore Creek Fire Station is currently using approx. 500,000 thousand gallons per year of potable water as their irrigation supply. Conversion of this meter to recycled water will eliminate this potable water demand. In order to achieve this the existing potable water lateral will be removed and replaced with a recycled water lateral stemming from the existing recycled waterline on Campbell Ranch Rd.		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:		



Project 8 Sycamore Creek Fire Station Recycled Conversion

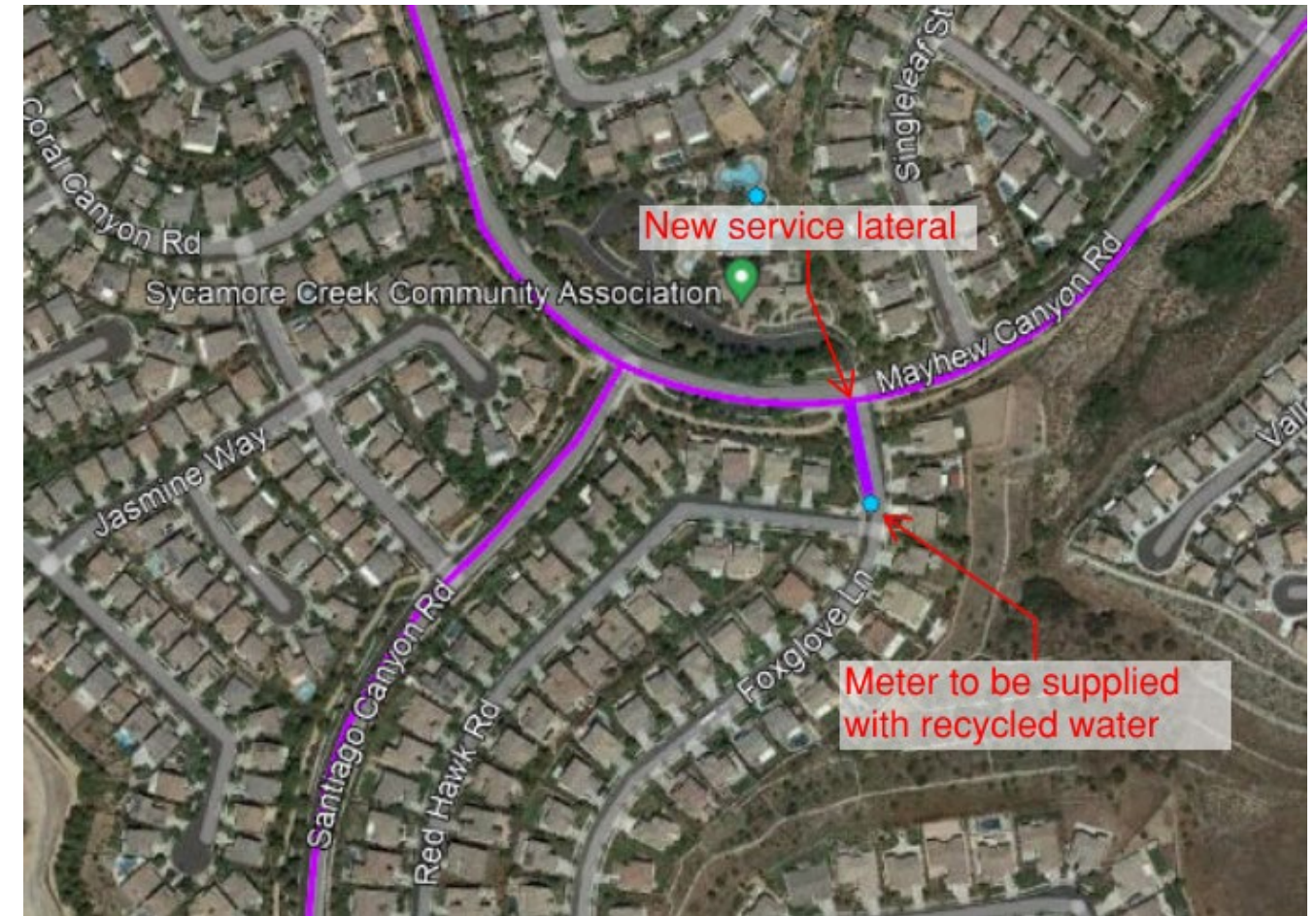
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$5,000			
Environmental	\$0			
Construction	\$15,000			
District Administration & CM	\$1,500			
TOTAL COST	\$21,500			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

**THE TEMESCAL VALLEY WATER DISTRICT – RECYCLED WATER CONVERSION
PROJECT 2022/2023 – 2024/2025
PROJECT DESCRIPTION**

<u>Project No:</u> TBD	<u>Task:</u> 9	<u>CIP/CRP ID:</u> TBD	<u>Location:</u>
<u>Project Title:</u> Sycamore Creek HOA Recycled Water Conversion	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD	
<u>Project Description:</u> Replacement of existing potable water lateral and installation of a recycled water lateral to supply the HOA landscaping with irrigation water Features: <ul style="list-style-type: none"> • Installation of a service lateral to supply the Sycamore Creek HOA with irrigation water • Removal of existing potable water lateral 	<u>Justification:</u> The Sycamore Creek HOA is currently using approx. 200,000 gallons per year of potable water as their irrigation supply. Conversion of this meter to recycled water will eliminate this potable water demand. In order to achieve this the existing potable water lateral will be removed and replaced with a recycled water lateral stemming from the recycled water line on Mayhew Canyon Rd.		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Construction Phase:		



Project 9 Sycamore Creek HOA Recycled Conversion

FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$10,000			
Environmental	\$0			
Construction	\$50,000			
District Administration & CM	\$5,000			
TOTAL COST	\$65,000			

Note: The costs shown are represented in 2022 dollars. These values must be adjusted for inflation and to reflect increased project definition when developing budgets for future years.

Project Number	Account Number	Meter Size (in)	Meter Elevation (ft)	Static Head (psi)	Head Loss (ft)	Dynamic Head	Average Usage Per Month (gal)	Annual Usage (gal)	Lateral Length Required	Water Service Costs	Mainline Extension Length	Lateral Size Required (in)	Daily Average (gal)	1 Hour Watering Period (GPM)	Mainline Extension Diameter	Total Cost
1	115997	1 1/2	1102	40		40	184,824	2,217,888	20		0		6161			\$ 200,000
2	126106	1 1/2	959	102		102	452,023	5,424,276	20	\$ 15,000						
2	112701	1 1/2	952	105		105	377,456	4,529,472	20	\$ 15,000						
2	127433	2	943	109		109	384,110	4,609,320	20	\$ 15,000						
2										\$ 15,000						
2	New Potable Water services									\$ 90,000						
Total_2					1		1,213,589	14,563,068		\$ 150,000	1070	4	40453	674.22	12"	\$ 585,200
3	101048	2	915	121		111	6,532	78,384		\$ 15,000						
3	124996	2	917	120		110	8,109	97,308		\$ 15,000						
3	101597	2	915	121		111	37,580	450,960		\$ 15,000						
3	120195	5/8	916	121		111	8,745	104,940		\$ 15,000						
3	101595	2	912	123		112	33,784	405,408		\$ 15,000						
3	101041	5/8	917	120		110	4,282	51,384		\$ 15,000						
Total_3					23.1		99,032	1,188,384		\$ 90,000	315	2	3301	55.02	2"	\$ 108,900
4	101630	2	961	101	1.3	101	212,388	2,548,656	20	\$ 15,000	130	4	7080	117.99	4"	\$ 34,680
5	101590	2	1037	68		59	270,801	3,249,612	78	\$ 15,000						
5	101013	3	1048	64		55	351,957	4,223,484	62	\$ 15,000						
Total_5					20.7		835,146	7,473,096		\$ 30,000	1150	4	27838	463.97	6"	\$ 237,000
6	115476	1	1187	129		129	129,760	1,557,119	53	\$ 15,000						
6	115558	2	1192	126		126	127,358	1,528,291	12	\$ 15,000						
6	115476	1	1186	129		129	124,020	1,488,236	15	\$ 15,000						
Total_6							381,137	4,573,646		\$ 45,000	0		12705			\$ 45,000
7	106109	1 1/2	1168	137	21.3	128	54,691	656,292	25	\$ 15,000	870	2	1823	30.38	2"	\$ 120,000
8	105991	2	1150	145		145	37,949	455,382	75	\$ 15,000	0		1265			\$ 15,000
9	122292	5/8	1243	104		104	17,959	215,506	20	\$ 15,000	0		599			\$ 50,000
																\$ 1,395,780