

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
NOVEMBER 22, 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 November 19, 2022.

Allison Harnden, Office Manager

AGENDA FOR REGULAR MEETING
November 22, 2022

Page No.

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

BOARD ITEMS:

4. **Minutes of the October 25, 2022 Regular Meeting.** **6-8**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **9-11**
RECOMMENDATION: Approve Report and authorize payment of the October 25-November 22, 2022 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** **12-29**
 - 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.

	<u>Page No.</u>
9. Terramor Development (Forestar Toscana).	
a. Project Update.	(-)
b. Community Facilities District No. 4 (Terramor) (the “CFD”) Authorizing the Distribution of the Acquisition and Construction Fund from the Net Proceeds of the Special Tax Bonds, Series 2021 (Bond Issuance No. 2) (the “Bonds”).	30-39
RECOMMENDATION: Approve the funding of the Reimbursement Request in the amount of \$2,942,836.80 and authorize the General Manager to direct the payment through the trustee.	
c. 1487 homes to be built. 1000 houses occupied to date. 67% complete.	
10. Sycamore Highlands Development.	(-)
a. Project Update.	
b. 79 homes to be built. 0 houses occupied to date.	
11. Taylor Morrison Development. (Serrano)	(-)
a. Project Update.	
b. 80 homes to be built. 0 houses occupied to date.	
12. Water Utilization Reports.	40-52
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.	(-)

	<u>Page No.</u>
15. General Manager's Report.	
a. General Manager's Report.	53-55
b. Mills Gravity Line Major Maintenance Payment RECOMMENDATION: To be made by the Board.	56-71
c. Phase 4 Water Reclamation Facility Feed Pipe Replacement. RECOMMENDATION: Authorize the General Manager to replace the piping at the primary clarifier.	72-77
d. Conservation update.	78-82
16. Operations Report.	83-85
a. Water and Sewer Operations.	
17. District Engineer's Report.	
a. Status of Projects.	86-87
b. Recycled Water Conversion Projects. RECOMMENDATION:	88-101
18. District Counsel's Report.	(-)
19. Seminars/Workshops.	(-)
20. Consideration of Correspondence.	102
An informational package containing copies of all pertinent correspondence for the Month of October will be distributed to each Director along with the Agenda.	
21. Adjournment.	(-)

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

October 25, 2022

PRESENT

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

ABSENT

D. Harich

GUESTS

P. Rodriguez

STAFF

J. Pape
A. Harnden
M. McCullough
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** – Paul Rodriguez notified the Board that he would be speaking under public comment at the Riverside City Council meeting tonight to address the upcoming election and it's candidates.

BOARD ITEMS:

4. Minutes of the September 27, 2022 Regular Meeting.

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

5. Payment Authorization Report.

ACTION: Director Myers moved to approve the September 27-October 25, 2022 invoices. Director Buckley seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: 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. 1,000 houses occupied to date. 67% complete.
10. **Sycamore Highlands Development.**
 - a. Project Update.
 - b. 79 houses to be built. 0 houses occupied to date.
11. **Taylor Morris Development.**
 - a. Project Update.
 - b. 80 houses to be built. 0 houses occupied 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 Harich).
 - b. Engineering/Operations (Director Myers) – Director Myers asked staff to schedule a meeting prior to the next Board meeting.
 - c. Public Relations (Allison Harnden).
 1. Allison reported on the status of delinquent accounts, lock offs and payment arrangements.

15. General Manager’s Report.

- a. General Manager’s Report – The General Manager reported on current projects.
- b. Conservation update.

16. Operations Report.

- a. Water and sewer operations.

17. District Engineer’s Report.

- a. Status of Projects.
- b. Recycled Water Conversion Projects.
ACTION: Send to the Engineering Committee for recommendations.

18. District Counsel’s Report – None.

19. Seminars/Workshops.

20. Consideration of Correspondence.

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.

There being no further business, the October 25, 2022 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 11:08 a.m. by President Colladay.

ATTEST:

APPROVED:

Fred Myers, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT

11/22/22

Check #	Date	Payee ID	Payee	Amount	
27636	10/21/22	REFUND	C R & R INC.	\$ 895.97	
27637	10/21/22		VOID	-	
27638	10/21/22	REFUND	ALFREDO CALI	65.37	
27639	10/21/22	REFUND	CRYSTAL RAMIREZ	200.57	
27640	10/21/22	REFUND	NAHID AKBARI	224.06	
27641	10/25/22	CO	CHARLES W. COLLADAY	350.35	
27642	10/25/22	FM	FRED H. MYERS	295.65	
27643	10/25/22	JB	JOHN B. BUTLER	295.65	
27644	10/25/22	MB	MICHAEL S. BUCKLEY	295.65	
27645	10/28/22	AD	PAYROLL	-	
27646	10/28/22	BE	PAYROLL	-	
27647	10/28/22	CG	PAYROLL	-	
27648	10/28/22	CL	PAYROLL	-	
27649	10/28/22	DB	PAYROLL	-	
27650	10/28/22	DT	PAYROLL	-	
27651	10/28/22	JH	PAYROLL	-	
27652	10/28/22	KN	PAYROLL	-	
27653	10/28/22	LK	PAYROLL	-	
27654	10/28/22	MM	PAYROLL	-	
27655	10/28/22	PB	PAYROLL	-	
27656	10/28/22	UHC	UNITEDHEALTHCARE	173.66	
27657	10/24/22	UHC	SILVERSCRIPT INSURANCE COMPANY	91.80	
27658	10/28/22	FI01	FIDELITY INVESTMENTS	800.00	
27659	10/28/22	FI01	FIDELITY INVESTMENTS	800.00	
27660	10/24/22	FI01	FIDELITY INVESTMENTS	252.00	
27661	10/24/22	FI01	FIDELITY INVESTMENTS	1,060.80	
27662	10/24/22	FI01	FIDELITY INVESTMENTS	642.84	
27663	10/24/22	FI01	FIDELITY INVESTMENTS	800.00	
27664	10/28/22	DPCI	DON PETERSON CONTRACTING, INC.	54,579.00	REPLACE 3-12" RW VALVES
27665	10/28/22	HWS	HYDROCURRENT WELL SERVICES LLC	11,118.41	REPAIR 12" CK VALVES WELLS 1 &4
27666	10/28/22	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	6,192.10	
27667	10/28/22	CE01	CENTRAL COMMUNICATIONS	195.90	
27668	10/28/22	CS01	CSDA - CAL.SPECIAL DISTR.ASSN	8,810.00	
27669	10/28/22	MITI	MORR-IS TESTED IN	2,765.00	
27670	10/28/22	NC	NORTHSTAR CHEMICAL	15,974.43	
27671	10/28/22	PE10	PETE'S ROAD SERVICE INC.	828.65	
27672	10/28/22	PLM01	PARRA LANDSCAPE MAINTENANCE	575.75	

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT

11/22/22

Check #	Date	Payee ID	Payee	Amount	
27673	10/28/22	PPE	PRIVATE PEST EXTERMINATORS	428.00	
27674	10/28/22	TR01	TRAN CONTROLS SCADA SOLUTIONS, LLC.	1,548.37	
27675	10/28/22	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	14,614.51	CAP-RTU CONT PANEL/PLC PROG/
27676	10/28/22	JT	JUAN TORRES-TRK MAINT	140.00	SCADA TEST DIGESTER LEVEL
27677	10/28/22	JT	JUAN TORRES-TRK MAINT	175.00	
27678	11/3/22	FM	FRED H. MYERS-ENG MTG	295.65	
27679	11/3/22	JB	JOHN B. BUTLER-ENG MTG	295.65	
27680	11/10/22	AD	PAYROLL	-	
27681	11/10/22	BE	PAYROLL	-	
27682	11/10/22	CG	PAYROLL	-	
27683	11/10/22	CL	PAYROLL	-	
27684	11/10/22	DB	PAYROLL	-	
27685	11/10/22	DT	PAYROLL	-	
27686	11/10/22	JH	PAYROLL	-	
27687	11/10/22	KN	PAYROLL	-	
27688	11/10/22	LK	PAYROLL	-	
27689	11/10/22	MM	PAYROLL	-	
27690	11/10/22	PB	PAYROLL	-	
27691	11/15/22	JH	PAYROLL	-	
27692	11/15/22	SWRCB	STATE WATER RESOURCES CONTROL BOARD	110.00	
27693	11/18/22	AGSI	AUTOMATED GATE SERVICES INC	564.00	
27694	11/18/22	BGM	BIG GIANT MEDIA	54.90	
27695	11/18/22	BT	BT PIPELINE INC.	4,000.00	REPAIR 2-2" AIR VACS
27696	11/18/22	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,305.82	
27697	11/18/22	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
27698	11/18/22	CESI	CENTER ELECTRIC SERVICES INC.	2,897.96	REPLACE MOTOR HEADWORKS
27699	11/18/22	CHAC	CALIFORNIA HIGHWAY ADOPTION CO.	315.00	
27700	11/18/22	CL01	CLAYSON, BAINER & SAUNDERS	1,512.50	
27701	11/18/22	CM01	CORE & MAIN	7,670.33	REPAIR 3" ULTRA MAG-SLUDGE POLY FEED
27702	11/18/22	deg	DOUGLAS ENVIRONMENTAL GROUP	2,514.06	
27703	11/18/22	DSC	DATABASE SYSTEMS CORP.	917.51	
27704	11/18/22	DU01	DUDEK & ASSOCIATES-CONT MGT	23,860.00	
27705	11/18/22	DU02	DUDEK & ASSOCIATES-SPECIAL PROJECTS	61,495.75	
27706	11/18/22	DU03	DUDEK & ASSOCIATES-PASS THRU	3,229.25	
27707	11/18/22	DU04	DUDEK & ASSOCIATES-GENERAL ENG	3,720.25	
27708	11/18/22	DWEI	DEXTER WILSON ENGINEERING INC	455.00	
27709	11/18/22	FE01	FEDERAL EXPRESS	45.35	

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT

11/22/22

Check #	Date	Payee ID	Payee	Amount	
27710	11/18/22	GMDM	GUTIRREZ MAINTENANCE/ DANIEL GUTIERREZ	475.00	
27711	11/18/22	HES	HOLLOWAY ENVIRONMENTAL SOLUTIONS	1,402.19	
27712	11/18/22	HO01	HOME DEPOT CREDIT SERVICES	1,066.12	
27713	11/18/22	KCI	KASSEL CONTRACTING INC.	6,397.50	GRADE PERK PONDS
27714	11/18/22	Maxim	Maxim Security Services	840.00	
27715	11/18/22	MH01	MCFADDEN-DALE HARDWARE CO.	113.67	
27716	11/18/22	MITI	MORR-IS TESTED IN	1,120.00	
27717	11/18/22	MU01	WILLDAN FINANCIAL SERVICES	5,708.54	
27718	11/18/22	NC	NORTHSTAR CHEMICAL	20,820.42	
27719	11/18/22	PCE	PACIFIC COAST ENVELOPE INC	223.04	
27720	11/18/22	PLM01	PARRA LANDSCAPE MAINTENANCE	650.00	
27721	11/18/22	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	620.61	
27722	11/18/22	SD01	STARR DESIGN	2,223.00	
27723	11/18/22	SEMA	SEMA INC.	1,381.20	
27724	11/18/22	SO03	SOUTHERN CALIF EDISON CO.	81,456.72	
27725	11/18/22	SSI01	SUPER SWEEPER INC.	440.00	
27726	11/18/22	ST01	STAPLES CREDIT PLAN	1,444.45	
27727	11/18/22	ST02	STATE COMPENSATION INSUR.FUND	1,299.25	
27728	11/18/22	SW	VOLVO CONSTRUCTION EQUIPMENT AND SERVIC	583.02	
27729	11/18/22	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	1,208.13	
27730	11/18/22	TWC	SPECTRUM BUSINESS	1,258.51	
27731	11/18/22	UBB	USA BLUEBOOK	78.38	
27732	11/18/22	UN01	UNDERGROUND SERVICE ALERT	92.25	
27733	11/18/22	USB01	US BANK GOVERNMENT SERVICES	3,469.88	
27734	11/18/22	WA01	WASTE MANAGEMENT - INLAND EMPIRE	696.61	
27735	11/18/22	WE01	WESTERN MUNICIPAL WATER DISTR.	366,012.66	
27736	11/18/22	XI	XALOGY INC	5,518.11	
27737	11/18/22	ATT01	AT&T	734.81	
27738	11/18/22	TRMI	TRAFFIC MANAGEMENT INC	646.00	
Total				<u>\$ 753,428.54</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 11/22/22

TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
31-Oct-22

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			12,076,148
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,637,047
Water & Sewer Mains			30,563,820
General Equipment Sewer/Water/ Furniture			1,737,577
Buildings & Entrance Improvements			218,264
			\$ 67,638,613
Current Assets			
Cash - Wastewater	\$	6,089,499	
Cash - Water		18,424,940	
Cash - ID #1		621,217	
Cash - ID #2		335,538	
Cash - Nonpotable		7,224,426	
Cash - Deposits		2,186,834	34,882,454
Accounts Receivable-Services/Developers			1,010,136
Assessment Receivable			206,091
Interest Receivable			185
Prepaid Expenses			55,144
Inventory			74,829
			\$ 36,228,839
Other Assets			
Work-in-Process			10,112,238
Deferred Outflows - Pension			164,014
TOTAL ASSETS			\$ 114,143,704

LIABILITIES

Current Liabilities			
Accounts Payable		\$	926,464
Security Deposits			250,565
Payroll & Payroll Taxes Payable			73,588
Capacity & Meter Deposits			1,494,613
Fiduciary Payments Payable			61,916
Developer Deposits			366,663
Other Deposits			13,077
			3,186,886
Long-term Liabilities			
TVRP Note			255,542
Deferred Inflows - Pension			141,677
TOTAL LIABILITIES			\$ 3,584,105

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			39,300,670
Water Fund Balance			54,231,042
ID #1 Fund Balance			667,438
ID #2 Fund Balance			582,695
Recycled Water Fund Balance			15,777,754
TOTAL FUND EQUITY			\$ 110,559,599
TOTAL LIABILITIES & FUND EQUITY			\$ 114,143,704

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

	OCTOBER			YEAR TO DATE			BUDGET 2022-2023	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	\$ 243,877	\$ 250,000	(6,123)	\$ 974,660	\$ 1,000,000	(25,340)	\$ 3,000,000	\$ (2,025,340)
MONTHLY SERVICE CHARGE-ID #1	11,764	12,000	(236)	47,056	48,000	(944)	145,000	(97,944)
MONTHLY SERVICE CHARGE-ID #2	13,307	13,700	(393)	53,228	54,800	(1,572)	164,000	(110,772)
MONTHLY SEWER SERVICE CHG-R COM	19,244	15,800	3,444	72,032	63,200	8,832	190,000	(117,968)
MISC UTILITY CHARGES/ REVENUE	(112)	4,170	(4,282)	(552)	16,680	(17,232)	50,000	(50,552)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	3,686	2,500	1,186	6,365	10,000	(3,635)	30,000	(23,635)
TOTAL WASTEWATER REVENUE	291,766	298,170	(6,404)	1,152,789	1,192,680	(39,891)	3,719,000	(2,566,211)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	12,241	16,425	(4,184)	54,449	73,900	(19,451)	213,500	(159,051)
WAGES EXPENSE-INSPECTION	3,103	3,000	103	10,194	13,400	(3,206)	38,800	(28,606)
PAYROLL TAXES EXP	309	360	(51)	1,360	1,580	(220)	4,600	(3,240)
EMPLOYEE BENEFITS-INS	1,420	2,045	(625)	5,909	8,180	(2,271)	24,500	(18,591)
EMPLOYEE BENEFITS-RETIREMENT	2,649	2,820	(171)	10,267	11,280	(1,013)	33,800	(23,533)
OVERTIME OPERATION EXP	2,694	2,700	(6)	8,119	10,800	(2,681)	35,200	(27,081)
OVERTIME INSPECTION EXP	1,454	300	1,154	4,490	1,200	3,290	4,000	490
MILEAGE EXP	324	250	74	1,765	1,000	765	3,000	(1,235)
VACATION EXP	929	1,110	(181)	3,716	4,440	(724)	13,320	(9,604)
SCADA SYSTEM STANDBY EXP	-	350	(350)	-	1,400	(1,400)	4,200	(4,200)
SCADA SYSTEM ADMIN/MAINT	-	700	(700)	1,857	2,800	(943)	8,000	(6,143)
LABORATORY TESTING COSTS	-	1,670	(1,670)	4,315	6,680	(2,365)	20,000	(15,685)
COMPLIANCE TESTING	-	-	-	-	-	-	1,000	(1,000)
VACTOR TRUCK EXP	-	1,000	(1,000)	-	4,000	(4,000)	10,000	(10,000)
SEWER CLEANING AND VIDEO	-	2,200	(2,200)	2,240	8,800	(6,560)	26,000	(23,760)
PLANT PUMPING COST	-	2,000	(2,000)	-	8,000	(8,000)	25,000	(25,000)
SLUDGE DISPOSAL COSTS	612	3,000	(2,388)	5,664	12,000	(6,336)	35,000	(29,336)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	4,000	(4,000)	16,929	16,000	929	50,000	(33,071)
EQUIPMENT RENTAL COSTS	-	-	-	-	500	(500)	2,000	(2,000)
ELECTRICAL REPAIR EXP	-	400	(400)	-	1,600	(1,600)	5,000	(5,000)
EQUIPMENT REPAIRS & MAINT	8,638	22,500	(13,862)	78,699	90,000	(11,301)	270,000	(191,301)
SEWER LINE/EMERGENCY REPAIRS	2,765	5,000	(2,235)	6,732	5,000	1,732	15,000	(8,268)
SECURITY AND ALARM EXP	-	250	(250)	3,093	1,000	2,093	3,000	93
PROPERTY MAINTENANCE	2,910	3,750	(840)	22,013	15,000	7,013	45,000	(22,987)
EMERGENCY SERVICE COST	-	-	-	-	-	-	2,000	(2,000)
ENGINEERING/ADMIN. STUDIES	-	2,000	(2,000)	22,259	25,000	(2,741)	25,000	(2,741)
ENERGY COSTS-EST	21,755	29,000	(7,245)	132,816	118,000	14,816	352,000	(219,184)
CONSUMABLE SUPPLIES & CLEANING	2,303	900	1,403	5,031	3,600	1,431	10,000	(4,969)
CHEMICALS, LUBRICANTS & FUELS	29,993	10,000	19,993	95,760	40,000	55,760	120,000	(24,240)
SMALL EQUIPMENT & TOOLS COST	2,842	900	1,942	5,520	3,600	1,920	10,000	(4,480)
PERMITS, FEES & TAXES (WTR BRD FEE)	248	3,000	(2,752)	38,712	12,000	26,712	30,000	8,712
SAWPA BASIN MONITORING EXP	-	-	-	-	30,000	(30,000)	30,000	(30,000)
MAP UPDATING/GIS EXP	-	-	-	-	500	(500)	2,000	(2,000)
MISC. OPERATING EXP	-	-	-	-	250	(250)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	5,000	(5,000)
CONTINGENCIES	-	5,250	(5,250)	17,091	21,000	(3,909)	63,000	(45,909)
TOTAL OPERATING EXPENSES	97,189	126,880	(29,691)	559,000	552,510	6,490	1,564,920	(1,005,920)

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

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	9,544	8,950	594	38,504	40,100	(1,596)	116,000	(77,496)
GENERAL ENGINEERING EXP	-	1,700	(1,700)	2,083	6,800	(4,717)	20,000	(17,917)
EMPLOYEE BENEFITS-INS	1,668	1,850	(182)	6,758	7,400	(642)	22,100	(15,342)
EMPLOYEE BENEFITS-RETIREMENT	2,804	2,470	334	10,972	11,110	(138)	32,100	(21,128)
WAGES EXPENSE	11,479	16,400	(4,921)	59,411	73,700	(14,289)	213,000	(153,589)
VACATION EXP	1,074	1,180	(106)	4,296	4,720	(424)	14,200	(9,904)
OVERTIME EXP	278	500	(222)	434	2,000	(1,566)	6,000	(5,566)
PAYROLL TAX EXPENSES	242	260	(18)	1,108	1,155	(47)	3,350	(2,242)
MILEAGE EXP ADMIN	-	25	(25)	-	100	(100)	250	(250)
CONTRACT STAFFING EXP	-	-	-	-	-	-	4,000	(4,000)
LEGAL EXPENSES	605	1,250	(645)	2,350	5,000	(2,650)	15,000	(12,650)
AUDIT EXPENSES	-	-	-	-	-	-	6,100	(6,100)
BOARD COMMITTEE MEETING EXP.	502	1,250	(748)	2,609	5,000	(2,391)	15,000	(12,391)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	8,400	(8,400)
COMPUTER SYSTEM ADMIN	333	4,000	(3,667)	11,551	16,000	(4,449)	48,000	(36,449)
BANK CHARGES EXP	3,402	3,000	402	14,107	12,000	2,107	36,000	(21,893)
MISCELLANEOUS & EDUCATION EXP	-	200	(200)	187	800	(613)	2,000	(1,813)
TELEPHONE, FAX & CELL EXP(inc-support contract)	1,337	1,350	(13)	7,057	5,400	1,657	16,000	(8,943)
OFFICE SUPPLIES EXP	2,059	2,000	59	8,262	8,000	262	24,000	(15,738)
PRINTING EXPENSES	-	550	(550)	3,473	2,200	1,273	6,500	(3,027)
POSTAGE & DELIVERY EXPENSE	1,183	1,000	183	4,538	4,500	38	13,000	(8,462)
PUBLICATIONS, NOTICES & DUES	165	170	(5)	250	680	(430)	2,000	(1,750)
EQUIPMENT LEASE EXPENSES	1,003	670	333	2,838	2,680	158	8,000	(5,162)
INSURANCE EXPENSES	2,163	3,200	(1,037)	8,069	12,800	(4,731)	38,500	(30,431)
ANNUAL ASSESSMENT EXP	-	4,600	(4,600)	-	4,600	(4,600)	4,600	(4,600)
COMMUNITY OUTREACH EXP	630	660	(30)	1,395	2,640	(1,245)	8,000	(6,605)
INVESTMENT EXP	400	400	-	1,600	1,600	-	4,800	(3,200)
TOTAL ADMINISTRATIVE EXPENSES	40,871	57,635	(16,764)	191,852	230,985	(39,133)	686,900	(495,048)
TOTAL WASTEWATER EXPENSES	138,060	184,515	(46,455)	750,852	783,495	(32,643)	2,251,820	(1,500,968)
NET OPERATING REVENUE/EXPENSE	153,706	113,655	40,051	401,937	409,185	(7,248)	1,467,180	(1,065,243)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	7,157	1,250	5,907	28,630	5,000	23,630	15,000	13,630
PROPERTY TAX INCOME	-	-	-	396	-	396	75,000	(74,604)
TOTAL NON-OPER SOURCE OF FUNDS	7,157	1,250	5,907	29,026	5,000	24,026	90,000	(60,974)
TOTAL SEWER REVENUE/EXPENSE	\$ 160,863	114,905	45,958	\$ 430,963	414,185	16,778	\$ 1,557,180	(1,126,217)
TRANSFER TO CAPITAL FUND-REPLACEMENT				210,945				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				220,018				
CONNECTION FEES				-				
WASTE WATER CAPITAL FUND:								
ENDING FUNDS AVAILABLE 2020-2021	7,335,067							
TRANSFER FOR CAPITAL FUND REPLACEMENT	210,945							
TRANSFER FOR CAPITAL IMPROVEMENTS	220,018							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(277,331)							
TOTAL FUNDS AVAILABLE	7,488,699							

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

WATER DEPARTMENT

OPERATING REVENUE:

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	-	REMAINING
WATER SERVICE CHARGE	162,695	162,920	(225)	650,482	651,680	(1,198)	1,955,000	(1,304,518)
WATER USAGE CHARGES	432,811	450,000	(17,189)	1,899,844	2,248,000	(348,156)	5,618,000	(3,718,156)
WATER PUMPING CHARGE	16,413	18,000	(1,587)	78,919	90,000	(11,081)	225,000	(146,081)
FIRE PROTECTION CHARGES	3,333	3,600	(267)	13,334	14,400	(1,066)	43,000	(29,666)
MISC. UTILITY CHARGES	14,220	3,350	10,870	49,843	13,400	36,443	40,000	9,843
SERVICE METER INCOME	7,500	5,000	2,500	17,400	20,000	(2,600)	60,000	(42,600)
CELLULAR SITE LEASE	3,289	6,330	(3,041)	23,042	25,320	(2,278)	76,000	(52,958)
MWD READINESS TO SERVE CHARGE	10,965	13,500	(2,535)	43,823	54,000	(10,177)	162,000	(118,177)
STANDBY CHARGES	-	-	-	-	-	-	40,000	(40,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	3,226	2,500	726	5,569	10,000	(4,431)	30,000	(24,431)
TOTAL WATER REVENUE	654,452	665,200	(10,748)	2,782,256	3,126,800	(344,544)	8,279,000	(5,496,744)

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

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	33,800	REMAINING
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	17,246	14,400	2,846	65,452	64,800	652	187,000	(121,548)
WAGES EXPENSE-INSPECTION	2,715	2,650	65	14,243	11,700	2,543	34,000	(19,757)
PAYROLL TAXES EXP	271	300	(29)	1,190	1,360	(170)	4,000	(2,810)
EMPLOYEE BENEFITS-INS	976	1,800	(824)	4,252	7,200	(2,948)	21,450	(17,198)
EMPLOYEE BENEFITS-RETIREMENT	2,127	2,280	(153)	8,508	10,260	(1,752)	29,600	(21,092)
OPERATION-MILEAGE EXP	-	125	(125)	-	500	(500)	1,500	(1,500)
OVERTIME EXPENSE OPER/ ON CALL	713	780	(67)	3,598	3,540	58	10,200	(6,602)
OVERTIME EXP INSPECTION	238	260	(22)	1,199	1,170	29	3,300	(2,101)
OVERTIME CROSS CONNECTION EXP	1,425	1,600	(175)	7,198	7,200	(2)	20,800	(13,602)
SCADA SYSTEM STANDBY EXP	-	280	(280)	-	1,260	(1,260)	3,640	(3,640)
VACATION EXP	813	975	(162)	3,252	3,900	(648)	11,700	(8,448)
CONTRACT STAFFING-METER READS	6,192	6,500	(308)	24,670	26,000	(1,330)	78,000	(53,330)
SCADA SYSTEM ADMIN/MAINT	-	850	(850)	1,626	3,400	(1,774)	10,000	(8,374)
LABORATORY TESTING COSTS	-	1,000	(1,000)	3,775	4,500	(725)	13,000	(9,225)
COMPLIANCE TESTING	-	1,300	(1,300)	6,155	5,200	955	15,500	(9,345)
LEAK DETECTION EXPENSE	-	-	-	-	2,000	(2,000)	8,000	(8,000)
EPA WATER TESTING EXP	-	-	-	3,351	4,250	(899)	8,500	(5,149)
EQUIPMENT RENTAL COSTS	-	200	(200)	884	800	84	2,000	(1,116)
EQUIPMENT REPAIRS & MAINT.	6,178	6,700	(522)	36,894	26,800	10,094	80,000	(43,106)
WATER LINE REPAIRS	-	-	-	-	10,000	(10,000)	40,000	(40,000)
ALARM MONITORING COSTS	-	275	(275)	1,068	1,100	(32)	3,300	(2,232)
EMERGENCY SERVICE COST	-	125	(125)	-	500	(500)	1,500	(1,500)
PROPERTY MAINTENANCE	379	500	(121)	6,798	2,000	4,798	5,000	1,798
ENGINEERING/ADMIN. STUDIES	-	650	(650)	-	2,600	(2,600)	8,000	(8,000)
PLAN CHECK EXPENSE (TVWD)	-	850	(850)	-	3,400	(3,400)	10,000	(10,000)
ENERGY COSTS	15,241	15,450	(209)	74,204	77,300	(3,096)	195,000	(120,796)
CONSUMABLE SUPPLIES & CLEANING	233	250	(17)	2,479	1,000	1,479	3,200	(721)
CHEMICALS, LUBRICANTS & FUELS	702	830	(128)	2,385	3,320	(935)	10,000	(7,615)
SMALL EQUIPMENT & TOOLS COST	-	420	(420)	2,620	1,680	940	5,000	(2,380)
PERMITS, FEES & TAXES	217	2,100	(1,883)	869	8,400	(7,531)	25,000	(24,131)
MAP UPDATING/GIS EXP	-	500	(500)	-	2,000	(2,000)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	8,559	6,000	2,559	13,906	24,000	(10,094)	71,000	(57,094)
WHOLESALE WATER PURCHASES	349,106	401,600	(52,494)	1,655,007	2,008,000	(352,993)	5,020,000	(3,364,993)
WATER-MWD CAPACITY CHARGE	5,083	5,500	(417)	20,333	22,000	(1,667)	66,000	(45,667)
WATER-READINESS TO SERVE/REFUSAL CHARGE	11,823	13,500	(1,677)	47,293	54,000	(6,707)	162,000	(114,707)
WMWD-MGLMR EXP	-	-	-	-	-	-	185,000	(185,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	10,000	(10,000)
CONSERVATION REBATE EXP	-	500	(500)	-	2,000	(2,000)	5,000	(5,000)
CONTINGENCIES	-	4,700	(4,700)	14,955	18,800	(3,845)	56,000	(41,045)
TOTAL OPERATING EXPENSES	430,237	495,750	(65,513)	2,028,164	2,427,940	(399,776)	6,428,190	(4,400,026)

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

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	8,351	7,850	501	33,691	35,350	(1,659)	102,000	(68,309)
GENERAL ENGINEERING EXP	2,285	1,850	435	10,325	7,400	2,925	22,000	(11,675)
EMPLOYEE BENEFITS-INS	1,468	1,620	(152)	6,125	6,480	(355)	19,400	(13,275)
EMPLOYEE BENEFITS-RETIREMENT	2,277	2,165	112	9,446	9,740	(294)	28,100	(18,654)
WAGES EXPENSE	10,045	14,350	(4,305)	55,348	64,550	(9,202)	186,400	(131,052)
VACATION EXP	940	1,000	(60)	3,760	4,000	(240)	12,400	(8,640)
MILEAGE EXP ADMIN	-	-	-	-	125	(125)	500	(500)
OVERTIME EXPENSE	244	150	94	381	700	(319)	2,000	(1,619)
PAYROLL TAX EXPENSES	212	230	(18)	968	1,040	(72)	3,000	(2,032)
CONTRACT STAFFING-OFFICE	-	-	-	-	-	-	3,500	(3,500)
LEGAL EXPENSES	529	1,000	(471)	2,056	4,000	(1,944)	12,000	(9,944)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	440	1,100	(660)	2,282	4,400	(2,118)	13,000	(10,718)
COMPUTER SYSTEM EXP	-	2,500	(2,500)	9,815	10,000	(185)	30,000	(20,185)
BANK CHARGES EXP	2,976	2,700	276	12,345	10,800	1,545	32,500	(20,155)
MISCELLANEOUS & EDUCATION EXP	-	400	(400)	-	1,600	(1,600)	4,000	(4,000)
TELEPHONE EXP	1,169	1,100	69	6,636	4,400	2,236	13,000	(6,364)
OFFICE SUPPLIES EXP	1,793	1,450	343	6,601	5,800	801	17,000	(10,399)
PRINTING EXPENSES	-	-	-	3,309	2,750	559	5,500	(2,191)
POSTAGE & DELIVERY EXPENSE	954	1,000	(46)	3,739	4,000	(261)	11,500	(7,761)
PUBLICATIONS, NOTICES & DUES	9,860	200	9,660	9,884	800	9,084	2,500	7,384
EQUIPMENT LEASE EXPENSES	877	600	277	2,483	2,400	83	7,000	(4,517)
INSURANCE EXPENSES	1,895	2,850	(955)	7,066	11,400	(4,334)	34,000	(26,934)
INVESTMENT EXPENSE	350	375	(25)	1,400	1,500	(100)	4,500	(3,100)
ANNUAL ASSESSMENT EXP	-	2,250	(2,250)	-	2,250	(2,250)	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	46,665	46,740	(75)	187,817	195,485	(7,668)	598,150	(410,333)
TOTAL WATER EXPENSES	476,902	542,490	(65,588)	2,215,981	2,623,425	(407,444)	7,026,340	(4,810,359)
NET OPERATING REVENUE/EXPENSE	177,550	122,710	54,840	566,275	503,375	62,900	1,252,660	(686,385)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	4,484	1,700	2,784	36,166	6,800	29,366	20,000	16,166
PROPERTY TAX INCOME	-	-	-	-	-	-	40,000	(40,000)
TOTAL NON-OP SOURCE OF FUNDS	4,484	1,700	2,784	36,166	6,800	29,366	60,000	(23,834)
TOTAL REVENUE/EXPENSE	182,034	124,410	57,624	602,441	510,175	92,266	1,312,660	(710,219)
TRANSFER TO CAPITAL FUND-REPLACEMENT				189,798				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				412,643				
CONNECTION FEES				100,216				
CAPACITY USAGE INCOME				131,189				
LONG TERM DEBT REDUCTION				131,189				
WATER CAPITAL FUND:				-				
ENDING FUNDS AVAILABLE 2020-2021	17,840,961							
TRANSFER FOR CAPITAL FUND REPLACEMENT	602,441							
TRANSFER FOR CAPITAL IMPROVEMENTS	189,798							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(208,260)							
TOTAL FUNDS AVAILABLE	18,424,940							

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

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
ID#1 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	13,725	13,725	-	54,900	54,900	-	164,700	(109,800)
TOTAL ID #1 REVENUE	13,725	13,725	-	54,900	54,900	-	164,700	(109,800)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	11,764	12,000	(236)	47,056	47,056	-	145,000	(97,944)
TOTAL OPERATING COSTS	11,764	12,000	(236)	47,056	47,056	-	145,000	(97,944)
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)	47,056	47,056	-	148,000	(100,944)
NET OPERATING REVENUE/EXPENSE	1,961	1,725	236	7,844	7,844	-	16,700	(8,856)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME-LAIF	652	267	385	937	1,068	(131)	3,200	(2,263)
TOTAL NON-OPER SOURCE OF FUNDS	652	267	385	937	1,068	(131)	3,200	(2,263)
TOTAL REVENUE/EXPENSE	2,613	1,992	621	8,781	8,912	(131)	19,900	(11,119)
TRANSFER TO SINKING FUND FOR CAPACITY				8,781				
				-				
ID #1 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	612,436							
SINKING FUND FOR CAPACITY	8,781							
TOTAL FUNDS AVAILABLE	621,217							
	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ID#2 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	62,100	62,100	-	186,300	(124,200)
TOTAL ID #2 REVENUE	15,525	15,525	-	62,100	62,100	-	186,300	(124,200)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	13,307	13,650	(343)	53,228	53,228	-	164,000	(110,772)
TOTAL OPERATING COSTS	13,307	13,650	(343)	53,228	53,228	-	164,000	(110,772)
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)	53,228	53,228	-	167,000	(113,772)
NET OPERATING REVENUE/EXPENSE	2,218	1,875	343	8,872	8,872	-	19,300	(10,428)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	934	250	684	1,501	1,000	501	3,000	(1,499)
TOTAL NON-OPER SOURCE OF FUNDS	934	250	684	1,501	1,000	501	3,000	(1,499)
TOTAL REVENUE/EXPENSE	3,152	2,125	1,027	10,373	9,872	501	22,300	(11,927)
TRANSFER TO SINKING FUND FOR CAPACITY				10,373				
				-				
ID #2 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	325,165							
SINKING FUND FOR CAPACITY	10,373							
TOTAL FUNDS AVAILABLE	335,538							

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

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	1.00	BUDGET	VARIANCE	2022-2023	REMAINING
<i>NON-POTABLE WATER DEPARTMENT</i>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	190,812	189,000	1,812	892,976	945,000	(52,024)	2,100,000	(1,207,024)
RECYCLED/ NON-POT WATER FIXED CHARGE	23,812	24,600	(788)	95,252	98,400	(3,148)	295,000	(199,748)
RECYCLED/NON-POTABLE PUMPING CHARGE	6,036	6,390	(354)	30,301	31,950	(1,649)	71,000	(40,699)
MISC INCOME	1,100	1,000	100	3,060	4,000	(940)	11,500	(8,440)
INSPECTION REVENUE	2,304	1,500	804	3,978	6,000	(2,022)	18,000	(14,022)
TOTAL NON-POTABLE REVENUE	224,064	222,490	1,574	1,025,567	1,085,350	(59,783)	2,495,500	(1,469,933)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	7,650	10,300	(2,650)	34,031	46,150	(12,119)	133,500	(99,469)
WAGES EXPENSE-INSPECTION	1,940	1,900	40	10,176	8,350	1,826	24,300	(14,124)
PAYROLL TAXES EXP	193	223	(30)	851	1,004	(153)	2,900	(2,049)
EMPLOYEE BENEFITS-INS	697	1,275	(578)	3,037	5,100	(2,063)	15,300	(12,263)
EMPLOYEE BENEFITS-RETIREMENT	1,519	1,630	(111)	6,076	7,340	(1,264)	21,200	(15,124)
MILEAGE EXP	-	100	(100)	-	400	(400)	1,000	(1,000)
OVERTIME EXP OPER	3,204	560	2,644	8,492	2,505	5,987	7,250	1,242
OVERTIME EXP INSPECTION	-	200	(200)	-	825	(825)	2,450	(2,450)
OVERTIME CROSS CONNECTION	-	1,140	(1,140)	-	5,120	-	14,800	(14,800)
VACATION EXP	581	700	(119)	2,324	2,800	(476)	8,400	(6,076)
PLAN CHECK EXP (TVWD)	-	100	(100)	-	400	(400)	1,000	(1,000)
SCADA SYSTEM STANDBY EXP	-	220	(220)	-	880	(880)	2,600	(2,600)
SCADA SYS MAINTENANCE EXP	-	420	(420)	1,162	1,680	(518)	5,000	(3,838)
LABORATORY TESTING COSTS	-	850	(850)	2,698	3,400	(702)	10,000	(7,302)
EQUIPMENT REPAIRS & MAINT.	79	1,700	(1,621)	8,232	6,800	1,432	20,000	(11,768)
NONPOTABLE WATER LINE REPAIR	-	3,400	(3,400)	8,606	13,600	(4,994)	40,000	(31,394)
SECURITY AND ALARM EXP	-	100	(100)	1,068	400	668	1,000	68
PROPERTY MAINTENANCE	-	600	(600)	1,240	2,400	(1,160)	7,000	(5,760)
ENERGY COSTS(est)	10,665	25,200	(14,535)	120,631	126,000	(5,369)	280,000	(159,369)
CONSUMABLE SUPPLIES EXP	-	100	(100)	356	400	(44)	1,500	(1,144)
CHEMICALS, LUBRICANTS & FUELS	501	420	81	1,594	1,680	(86)	5,000	(3,406)
PERMITS AND FEES EXP	155	1,000	(845)	621	4,000	(3,379)	11,000	(10,379)
SERVICE METERS AND PARTS COSTS	-	600	(600)	-	2,400	(2,400)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	-	-	107	1,000	(893)	4,000	(3,893)
MISC OPERATING EXP	-	-	-	-	1,000	(1,000)	500	(500)
BAD DEBT	-	-	-	-	-	-	2,000	(2,000)
CONTINGENCIES	-	2,000	(2,000)	10,682	8,000	2,682	25,000	(14,318)
TOTAL OPERATING EXPENSES	27,184	54,738	(27,554)	221,984	253,634	(26,530)	653,700	(431,716)

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

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	5,965	5,620	345	24,065	25,260	(1,195)	73,000	(48,935)
GENERAL ENGINEERING	1,435	600	835	3,541	2,400	1,141	7,000	(3,459)
EMPLOYEE BENEFITS-INS	1,184	1,150	34	4,921	4,600	321	13,800	(8,879)
EMPLOYEE BENEFITS-RETIREMENT	1,626	1,675	(49)	6,748	6,700	48	20,100	(13,352)
WAGES EXPENSE	7,175	10,250	(3,075)	39,535	46,100	(6,565)	133,200	(93,665)
VACATION EXP	671	750	(79)	2,684	3,000	(316)	8,850	(6,166)
MILEAGE EXP	-	20	(20)	-	80	(80)	200	(200)
OVERTIME EXP	174	200	(26)	272	800	(528)	2,500	(2,228)
PAYROLL TAX EXPENSE	151	170	(19)	692	710	(18)	2,100	(1,408)
CONTRACT STAFFING OFFICE EXP	-	-	-	-	-	-	2,500	(2,500)
LEGAL EXPENSE	378	600	(222)	1,368	2,400	(1,032)	7,000	(5,632)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	314	750	(436)	1,631	3,000	(1,369)	9,000	(7,369)
ELECTION & PUBLIC HEARING EXP	-	450	(450)	-	1,800	(1,800)	5,000	(5,000)
COMPUTER SYSTEMS EXP	-	2,400	(2,400)	7,013	9,600	(2,587)	28,000	(20,987)
BANK CHARGES	2,126	2,000	126	8,815	8,000	815	23,000	(14,185)
MISC & EDUCATION EXP	-	100	(100)	-	400	(400)	1,000	(1,000)
TELEPHONE EXP	835	830	5	4,475	3,320	1,155	10,000	(5,525)
OFFICE SUPPLIES	862	650	212	2,765	2,600	165	8,000	(5,235)
PRINTING EXP	-	-	-	815	2,000	(1,185)	4,000	(3,185)
POSTAGE EXP	682	650	32	2,650	2,600	50	8,000	(5,350)
PUBLICATION EXP	-	100	(100)	17	400	(383)	1,000	(983)
EQUIPMENT LEASE EXP	314	330	(16)	1,256	1,320	(64)	4,000	(2,744)
INSURANCE EXPENSE	1,360	2,000	(640)	5,073	8,000	(2,927)	24,000	(18,927)
ANNUAL ASSESSMENT EXP	-	1,500	(1,500)	-	1,500	(1,500)	3,000	(3,000)
INVESTMENT EXPENSE	250	250	-	1,000	1,000	-	3,000	(2,000)
COMMUNITY OUTREACH EXP	-	-	-	-	-	-	5,000	(5,000)
TOTAL ADMINISTRATIVE EXPENSES	25,502	33,045	(7,543)	119,336	137,590	(18,254)	410,750	(291,414)
TOTAL NON-POTABLE OPERATING EXPENSES	52,686	87,783	(35,097)	341,320	391,224	(49,904)	1,064,450	(723,130)
NET OPERATING REVENUE/EXPENSE	171,378	134,707	36,671	684,247	694,126	(9,879)	1,431,050	(746,803)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	1,658	1,000	658	8,294	4,000	4,294	12,000	(3,706)
TOTAL NON-OP SOURCE OF FUNDS	1,658	1,000	37,329	8,294	4,000	4,294	12,000	(3,706)
TOTAL REVENUE/EXPENSE	173,036	135,707	37,329	692,541	698,126	(5,585)	1,443,050	(750,509)
TRANSFER TO CAPITAL FUND-REPLACEMENT				112,851				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				579,690				
CONNECTION FEES				-				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	6,635,550							
TRANSFER FOR CAPITAL FUND REPLACEMENT	112,851							
TRANSFER FOR CAPITAL IMPROVEMENTS	579,690							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(103,665)							
TOTAL FUNDS AVAILABLE	7,224,426							

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
10/31/2022

<u>Special Tax Fund (Acct #105636-009)</u> Account Balance at Wilmington Trust	\$ 7,393.97
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-010)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #105636-011)</u> Account Balance at Wilmington Trust	9.23
<hr/>	
<u>Surplus Fund (Acct #105636-012)</u> Account Balance at Wilmington Trust	1,187,180.97
<hr/>	

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
10/31/2022

Special Tax Fund (Acct #105636-014)
Account Balance at Wilmington Trust \$ 374.49

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

Administrative Expense Fund(Acct #105636-016)
Account Balance at Wilmington Trust 5.22

Surplus Fund (Acct #105636-017)
Account Balance at Wilmington Trust 248,408.02

Prepayment Fund (Acct #105636-026)
Account Balance at Wilmington Trust -

TOTAL **\$** **248,787.73**

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
10/31/2022

<u>Special Tax Fund (Acct #105636-019)</u> Account Balance at Wilmington Trust	\$	84,335.82
<hr/>		
<u>BONDS PR ACCT (Acct # 105636-020)</u> Account Balance at Wilmington Trust	\$	-
<hr/>		
<u>Administrative Expense Fund(Acct #105636-021)</u> Account Balance at Wilmington Trust	\$	9.23
<hr/>		
<u>Surplus Fund (Acct #105636-022)</u> Account Balance at Wilmington Trust	\$	631,134.95
<hr/>		
Prepayment Fund (Acct #105636-027) Account Balance at Wilmington Trust		-
<hr/>		
TOTAL	\$	715,480.00

**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
10/31/2022**

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.03
- Lien Interest A/C (Acct #105636-001)		11,433.31
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,269,866.06
- Reserve Fund CFD #2 (Acct #105636-005)		276,593.45
- Reserve Fund CFD #3 (Acct #105636-006)		1,498,377.65
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		3,567.48
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		620,230.88
- Reserve Fund CFD #2 (Acct #105639-005)		100,365.94
- Reserve Fund CFD #3 (Acct #105639-006)		541,895.10
TOTAL	\$	5,322,329.91

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA1
Financing Authority
(Terramor)
10/31/2022

Special Tax Fund (Acct #133306-001)
Account Balance at Wilmington Trust \$ 52,922.86

Interest Acct (Acct #133306-002)
Account Balance at Wilmington Trust 8,396.57

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

Administrative Expense Fund(Acct #133306-004)
Account Balance at Wilmington Trust 46,379.81

Reserve fund Fund (Acct #133306-005)
Account Balance at Wilmington Trust 1,400,162.56

Surplus Fund (Acct #133306-006)
Account Balance at Wilmington Trust 235,941.05

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 \$ 1,743,803.67

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA2
Financing Authority
(Terramor)
10/31/2022

Special Tax Fund (Acct #151110-000)
Account Balance at Wilmington Trust \$ 48,003.15

Interest Acct (Acct #151110-001)
Account Balance at Wilmington Trust 6,646.23

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 1,133,560.34

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

Construction fund (Acct #151110-007)
Account Balance at Wilmington Trust 2,942,836.80

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

TOTAL \$ 4,131,046.52



PMIA/LAIF Performance Report as of 11/16/22



PMIA Average Monthly Effective Yields⁽¹⁾

October	1.772
September	1.513
August	1.276

Quarterly Performance Quarter Ended 09/30/22

LAIF Apportionment Rate ⁽²⁾ :	1.35
LAIF Earnings Ratio ⁽²⁾ :	0.00003699565555327
LAIF Fair Value Factor ⁽¹⁾ :	0.980760962
PMIA Daily ⁽¹⁾ :	1.63%
PMIA Quarter to Date ⁽¹⁾ :	1.29%
PMIA Average Life ⁽¹⁾ :	304

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 10/31/22 \$215.3 billion

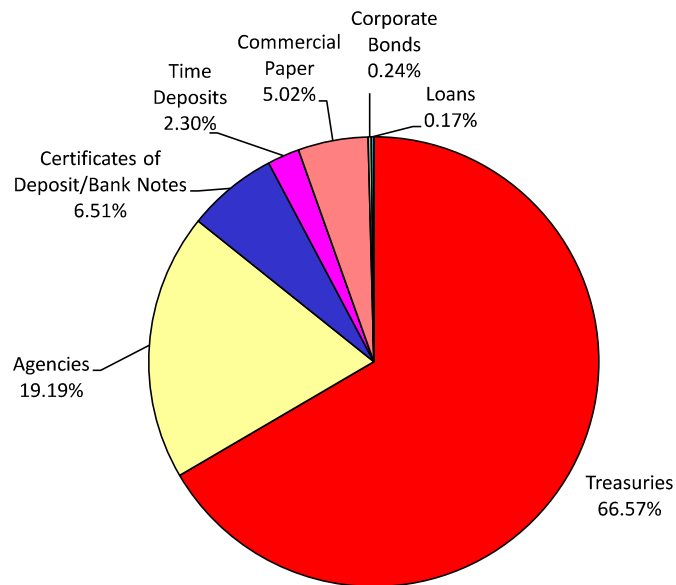


Chart does not include \$3,715,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

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
Capital Projects
Yearly Miscellaneous and Multi - Year**

Not Started
 In Process
 Completed

OCTOBER 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		\$ 6,628	\$ 5,800	\$ 4,142	\$ 16,570	\$ 28,430
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	\$ -	\$ 101,462	\$ 33,387	\$ 23,846	\$ 158,695	\$ 681,988

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		\$ 56,413	\$ 49,362	\$ 35,258	\$ 141,033	\$ 228,967
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	\$ -	\$ -		\$ 3,609			\$ 3,609	\$ 105,495
Convert to Recycled	General	N/A	\$ 135,000	\$ -	\$ 75,000	\$ 60,000				\$ 13,681	\$ 13,681	\$ 121,319
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	\$ -			\$ 55,353		\$ 55,353	\$ 94,647
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				\$ 6,070			\$ 6,070	\$ 73,930
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						\$ -	\$ 102,000
Manhole Rehab	S-1-2022	2008	\$ 105,000	\$ 105,000				\$ 12,351			\$ 12,351	\$ 92,649
SUBTOTAL			\$ 12,375,104	\$ 3,859,904	\$ 7,292,100	\$ 1,223,100	\$ -	\$ 109,443	\$ 131,715	\$ 86,825	\$ 327,983	\$ 12,047,121
TOTAL			\$ 13,215,787	\$ 4,244,491	\$ 7,613,906	\$ 1,357,390	\$ -	\$ 210,905	\$ 165,102	\$ 110,671	\$ 486,678	\$ 12,729,109

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	
4	Replace (3) 16" Plant Isolation Valves: Recycled Water				PURCHASED/BACK ORDER
	Don Petersen (install valves and adaptors, backfill)	RW	54,579	(10,379)	
5	Raise Block Wall Around Sludge Area	WRF		20,000	
6	CERLIC Portable Sludge Blanket Sensor	WRF	4,616	(311)	
7	Retreat Booster Station ATS Replacement	Potable	9,587	(862)	
8	OPS Bldg. Toilet Replacement & New Water Heater	General Building	1,484	8,516	
9	New Flow Meter for Centrifuge	WRF	9,907	(312)	
10	Confined Space Tripod & Blower	Operations		10,000	PAUL TO ORDER
11	Replacement Rotork Actuators (3)	WRF	23,889	(3,889)	ORDERED
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		181,397	76,219	

	Not Started
	In Process
	Completed

MEMORANDUM

DATE: November 22, 2022

TO: Board of Directors
Temescal Valley Water District

FROM: Jeff Pape, General Manager

SUBJECT: Community Facilities District No. 4 (Terramor) (the “CFD”) Authorizing the Distribution of the Acquisition and Construction Fund from the Net Proceeds of the Special Tax Bonds, Series 2021 (Bond Issuance No. 2) (the “Bonds”)

BACKGROUND

Please see the attached Board Memorandum dated February 22, 2022, detailing the three prior CFD reimbursement requests. This request is the final payment request and reconciliation of the construction fund for bond issuances 1 & 2.

The District has received an acceptance and approval letter from the Riverside County Flood Control and Water Conservation District approving the following package in the amount of \$1,697,902. Please see the attached Riverside County Flood Control District acceptance letter dated October 4, 2022.

With this final request the Terramore development will own 1501 Sewer EDUs: 1443 SFH, 11 Veranda and 47 Terrace Club.

WRF Total Cost \$22,534,417.18 = \$8,680.44/EDU

Terramor EDU Requirements 1501 EDUs =	\$13,028,680
Terramor Paid to Date CFD 4 =	<u>\$11,734,099</u>
Final CFD payment from Construction Fund= (paid by TVWD as Incidentals)	\$1,294,465

CFD 4 (Terramor)
Project Nos. 2-0-00508, 2-0-00509 and 2-0-00511

Total Remaining in CFD 4 Construction Acquisition Fund =	\$2,942,836.80
CFD Reimbursement Request to TVWD for incidentals =	<u>\$1,294,465.80</u>
Remaining Funds for Storm Drain Req 02 =	\$1,648,371.00

FISCAL IMPACT

The Reimbursements are paid from the Acquisition and Construction Fund. There is no fiscal impact to the District's General Fund. The Reimbursement amount will be paid by the District's Trustee of the Acquisition and Construction Fund. There is approximately \$2,942,836.80 remaining in the Fund for distribution.

RECOMMENDATION

It is recommended that the Board of Directors:

1. Reimbursement to TVWD in the amount of \$1,294,465.80 for incidentals paid.
2. Reimbursement to Foremost in the amount of \$1,648,371.00 for construction costs paid.

Approve the funding of the Reimbursement Request listed above for a total of \$2,942,836.80 and authorize the General Manager to direct the payment through the Trustee.



Respectfully submitted,

Jeff Pape,
General Manager

**TEMESCAL VALLEY WATER DISTRICT
COMMUNITY FACILITIES DISTRICT NO. 4
(TERRAMOR PROJECT FUND)
2021 SPECIAL TAX BONDS**

FORM OF REQUISITION FOR DISBURSEMENT OF PROJECT COSTS

CONSTRUCTION FUND REQ #29

REQUISITION FOR DISBURSEMENT OF PROJECT COSTS FROM

ACCT #151110-007

The undersigned, on behalf of Community Facilities District No. 4 (Terramor) of Temescal Valley Water District (the "District"), hereby requests Wilmington Trust, National Association, as Trustee, to pay from the Project Facilities Account of the Community Facilities District No. 4 of Temescal Valley Water District Improvement Area No. 2 Acquisition and Construction Fund, established by the Bond Indenture between the Trustee and the District dated as of December 1, 2018, upon receipt of an invoice from each of the payees set forth on Schedule I hereto the amount specified in such invoice but no more than the amount set forth on Schedule I and to the payees listed on Schedule I for payment of the Project Costs set forth in the invoice attached hereto.

All payments shall be made by check or wire transfer in accordance with the payment instructions included on Exhibit A or the accompanying invoices and the Trustee has no responsibility to verify or authenticate the payment instructions or the invoices or the authority under which they were given.

COMMUNITY FACILITIES DISTRICT NO. 4
(TERRAMOR) OF TEMESCAL VALLEY WATER
DISTRICT

Signature:

By: _____
Name: Jeff Pape
Title: General Manger

Dated:
November 17,
2022

EXHIBIT A
 CFD No. 4
 ACQUISITION COSTS – REQUISITION #29
PURCHASE PRICE OF IMPROVEMENT OR DISCRETE COMPONENT THEREOF

Payee and Address	Description of Improvement or Discrete Component	Amount
Forestar Toscana Development Company 4590 MacArthur Blvd #600 Newport Beach, Ca. 92660 Wire to: First Republic Bank San Francisco, Ca. Acct # 800 0305 6652 ABA Routing # 321081669	Backbone Storm Drain Improvements (Seg 3-5) CFD #4 – TERRAMOR ACCT #151110-007	\$ 1,648,371.00
Temescal Valley Water District 22646 Temescal Canyon Rd. Temescal Valley, Ca. 92883 Wire to: J. P. Morgan Chase 300 South Grand Avenue, Floor #4 Los Angeles, Ca. 90071-3109 Veronica – Vice President (949) 852-4353 ABA: 322271627 ACCT: 868007824	TVWD Incidentals Reimbursement CFD #4 – TERRAMOR ACCT #151110-007	\$ 1,294,465.80
TOTAL		\$ 2,942,836.80

PRIOR FLOOD LETTER
AND APPROVAL

MEMORANDUM

DATE: February 22, 2022

TO: Board of Directors
Temescal Valley Water District

FROM: Jeff Pape, General Manager

SUBJECT: Community Facilities District No. 4 (Terramor) (the "CFD") Authorizing the Distribution of the Acquisition and Construction Fund from the Net Proceeds of the Special Tax Bonds, Series 2021 (Bond Issuance No. 2) (the "Bonds")

BACKGROUND

The District completed the Second Bond sale and funded each of the Uses of Funds. These include the Acquisition and Construction Fund, Cost of Issuance Fund, Interest Account of Special Tax Fund, Administration Fund and the Reserve Account. The market again benefited the CFD and a premium increased the Acquisition and Construction Fund by approximately \$1,000,000 to \$19,386,173.

The Financing and Acquisition Agreement provides for the following total eligible costs by entity. The detail is attached for reference (Acquisition/Financing Agreement Dated September 27th 2016):

- | | |
|---|--------------|
| • Temescal Valley Water District | \$49,000,000 |
| • County of Riverside (Road Improvements) | \$8,000,000 |
| • County of Riverside Flood Control | \$4,000,000 |

The District acquires for itself or other Agencies, eligible facilities or purchased capacity through reimbursement of the verified construction cost of by the Developer. A summary of CFD 4 Bond Acquisition and Construction Funds to date is below:

Bond Issuance No. 1	\$20,834,171
Bond Issuance No. 2	\$19,386,173
Total Acquisition and Construction*	\$40,220,344

*Note : There is an anticipated 3rd Bond Issuance for Improvement District No. 3 Which will bring the total funds available to approximately \$56,000,000

The following Actual Reimbursements were approved by the District and paid out of CFD No. 4, Bond Issuance No. 1 and Bond Issuance No.2

Bond Issuance No. 1

Facility or Improvement	Request	Amount
Zone 1320 Reservoir Capacity Buy-in Fees	01-01	\$523,600.00
MWD Water Capacity Fee	01-01	\$3,487,560.88
Temescal Canyon Road Gravity Sewer	01-01	\$1,032,966.13
Temescal Canyon Road Potable and Non-Potable Water	02-01	\$2,604,258.51
Sewer Lift Station	04R1-01	\$3,202,036.03
TVWD WRF Expansion - Developer Cost (Hold back)	TVWD	\$9,983,749.54
	Total	\$20,834,171.09

Bond Issuance No. 2

Facility or Improvement	Request	Amount
Phase 2 1320 Zone Reservoir Capacity Buy-in	05-01	\$158,100.00
Plan Check and Inspection Fees to TVWD	06-01	\$341,294.67
Sycamore Creek Potable Pump Station Improvements	07-01	\$474,119.15
Sycamore Creek Non- Potable Pump Station Improvements	08-01	\$232,770.50
Phase 1 Backbone Potable Water Improvements	09-01	\$1,595,013.72
Phase 1 Backbone Non-potable Water Improvements	09-01	\$566,213.98
Temescal Canyon Road – Dry Utilities	01-02	\$659,438.08
Phase 1 Backbone Sewer Improvements	02-02	\$738,509.54
Phase 1 Backbone Dry Utility Improvements	03-02	\$1,471,098.73
Phase 1 Environmental Mitigation	04-02	\$862,271.78
Phase 2 Backbone Potable Water Improvements	05-02	\$527,611.32
Phase 2 Backbone Non-Potable Water Improvements	05-02	\$275,734.97
Phase 2 Backbone Sewer Improvements	05-02	\$479,421.57
Phase 2 Potable Water 1509 Reservoir	06-02	\$1,805,812.05
Phase 2 Non-Potable Water 1486 Reservoir	06-02	\$1,805,812.05
TVWD WRF Expansion - Developer Cost (Hold back)	TVWD	\$2,000,000.00
	Total	\$13,993,222.11

The District has received an acceptance and approval letter from the Riverside County Flood Control and Water Conservation District approving the following package in the amount of \$3,739,828.00. Please see the attached acceptance letter.

CFD 4 (Terramor)
Phase 1 – Backbone Storm Drain Improvements (Seg 2-5)
Project Nos.2-0-00508, 2-0-00509 and 2-0-00510

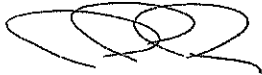
FISCAL IMPACT

The Reimbursements are paid from the Acquisition and Construction Fund. There is no fiscal impact to the District's General Fund. The Reimbursement amount will be paid by the District's Trustee of the Acquisition and Construction Fund. There is approximately \$5,390,762 remaining in the Fund for distribution. The disbursement of this payment will leave approximately \$1,650,934 for future reimbursement packages including District facilities and County of Riverside (road improvements).

RECOMMENDATION

It is recommended that the Board of Directors:

Approve the funding of the Reimbursement Request listed above for a total of \$3,739,828 and authorize the General Manager to direct the payment through the Trustee.



Respectfully submitted,

Jeff Pape,
General Manager

RECEIVED OCT 11 2022

FLOOD APPROVAL

JASON E. UHLEY
General Manager-Chief Engineer



1995 MARKET STREET
RIVERSIDE, CA 92501
951.955.1200
FAX 951.788.9965
www.rcflood.org
246221

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

October 4, 2022

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

Dear Mr. Pape:

Re: CFD 4 (Terramor)
Reimbursement of Purchase Price
Phase II – Backbone Storm Drain
Improvements (Seg 3-5)
Project No. 2-0-00508, 2-0-00509
and 2-0-00511

Pursuant to the Joint Community Facilities Agreement (JCFA) by and between the Riverside County Flood Control and Water Conservation District (District), County of Riverside, Temescal Valley Water District and Forestar Toscana Development Company, the District received the following document:

- Reimbursement Request No. 02, Program – CFD 4 Terramor, Phase II – Backbone Storm Drain Improvements (Seg 3-5), prepared by Murow Development Consultants, on behalf of Forestar Toscana Development Company, dated September 2022.
 - Reimbursement Request
 - Reimbursement Summary
 - Reimbursement Summary – By Vendor
 - Vicinity Map
 - Exhibit
 - Bid Package
 - Checks and Invoices – KIP
 - Checks and Invoices – Alcon
 - Contracts – KIP
 - Contracts – Alcon
 - Change Orders – KIP
 - Change Orders – Alcon
 - Unconditional Finals – KIP
 - Unconditional Finals – Alcon
 - Certificates of Insurance – Alcon
 - Performance and Payment Bonds
 - Labor Compliance – CPRs (Alcon)
 - Acceptance Letter

The District has reviewed the submitted construction contract documentation furnished by Murow Development Consultants on behalf of the CFD No. 4 and determined the acquisition cost of District facility is as follows:

Facility Name	Acquisition Cost (per JCFA)	Actual Cost*
Phase II – Backbone Storm Drain Improvements	\$967,859	\$1,697,902

* Note: The Phase II Actual Cost is adjusted based on updates to the Phase I reimbursement of purchase price letter. See Below for details.

October 4, 2022

Mr. Jeff Pape, General Manager

-2-

Re: CFD 4 (Terramor)
Phase II -- Backbone Storm Drain
Improvements (Seg 3+5)
Project No. 2-0-00508, 2-0-00509
and 2-0-00511

The construction of the Phase II facility is complete. The Developer filed a Notice of Completion in accordance with the terms of the JCFA. The District approved the signed record drawings on May 31, 2018. The facility has been accepted for operation and maintenance by the District as shown on the record drawings. Based upon the District's reconciliation of the submitted costs with adjustments based on the Phase I credit, the District hereby approves payment for One Million Six Hundred Ninety-Seven Thousand Nine Hundred Two Dollars \$1,697,902.

Updates to Phase I Actual Cost and backup for Phase II Actual Cost Adjustment:

The Phase I backbone storm drain improvements were previously completed, and a reimbursement of purchase price letter was provided on January 31, 2022 for Three Million Seven Hundred Thirty-Nine Thousand Eight Hundred Twenty-Eight Dollars \$3,739,828 (see enclosed letter). Certain improvements within the Phase I Actual Costs were later identified as facilities that will not be owned and operated by the District per the JCFA agreement. These improvement items have been discussed and acknowledge by Murow Development Consultants. As a result, below is a table comparing the updated Actual Costs against the approved Actual Costs within the January 31, 2022 letter.

Facility Name	Actual Cost per January 31, 2022	Actual Cost Updated per this letter	Difference / Overage paid towards Phase I
Phase I Backbone Storm Drain Improvements	\$3,739,828	\$3,330,482	\$409,346

To resolve the overage paid towards Phase I Storm Drain Improvements, the difference above has been deducted from the Phase II Storm Drain Improvements to bring the total Terramor project reimbursement whole, see table below:

Phase II -- Backbone Storm Drain Improvements	\$2,107,248
Phase I -- Backbone Storm drain Improvements Difference	\$409,346
Net Reimbursement - Adjustment to be used for Phase II Actual Cost	\$1,697,902

Thank you for your cooperation and assistance. Please contact me at 951.955.1491 if you have any follow up questions or require additional information.

Very truly yours,

Deborah de Chambeau

DEBORAH DE CHAMBEAU
Chief of Planning Division

Enclosure

c: Murow Development Consultants
Attn: Tim Markel
Forestar: Toscana Development Company
Attn: Rush Stanisai
Riverside County Transportation Department
Attn: Mark Lancaster
Subdivision File Tract 36825

TH:blm

APPROVAL BY THE FLOOD ENGINEER

The Flood Engineer certifies that the flood control facility described in Exhibit B of the CFD No. 4 (Terramor) of Temescal Valley Water District has been constructed in accordance with the plans therefor. The Purchase Price of said flood control facility as described in Exhibit B of the JCFA has been reviewed, verified and approved by the Flood Engineer. The aggregate Purchase Price for said flood control facility is established at One Million Six Hundred Ninety-Seven Thousand Nine Hundred Two Dollars \$1,697,902. Payment is hereby granted.

Date: 10/5/2021

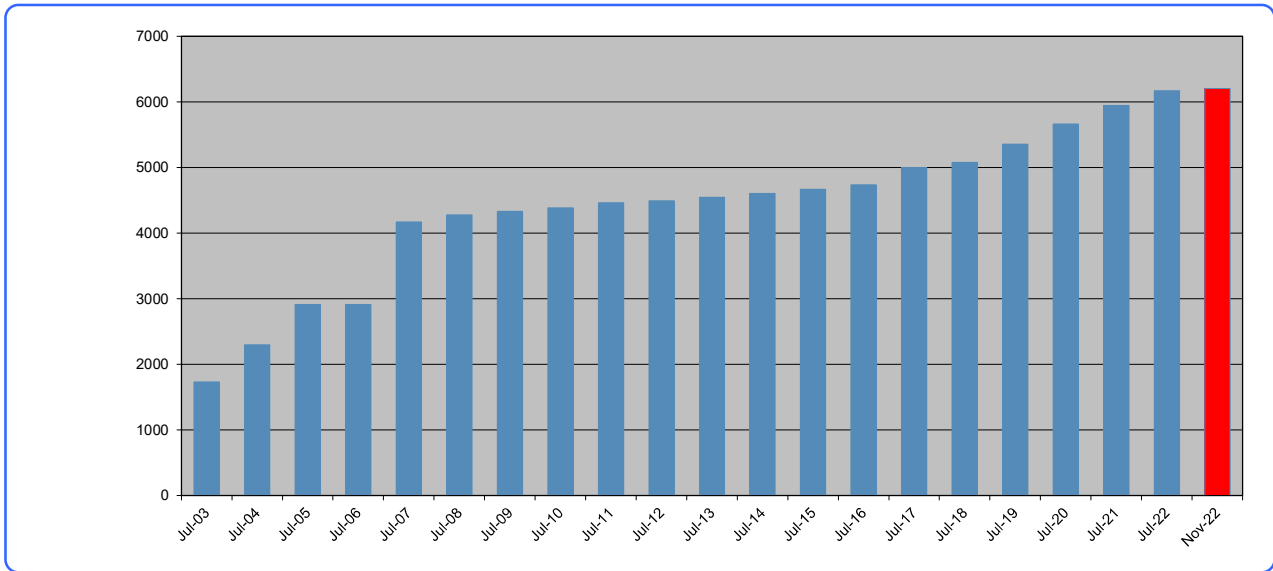
FLOOD CONTROL ENGINEER

By: 

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	Nov-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
October 31, 2022

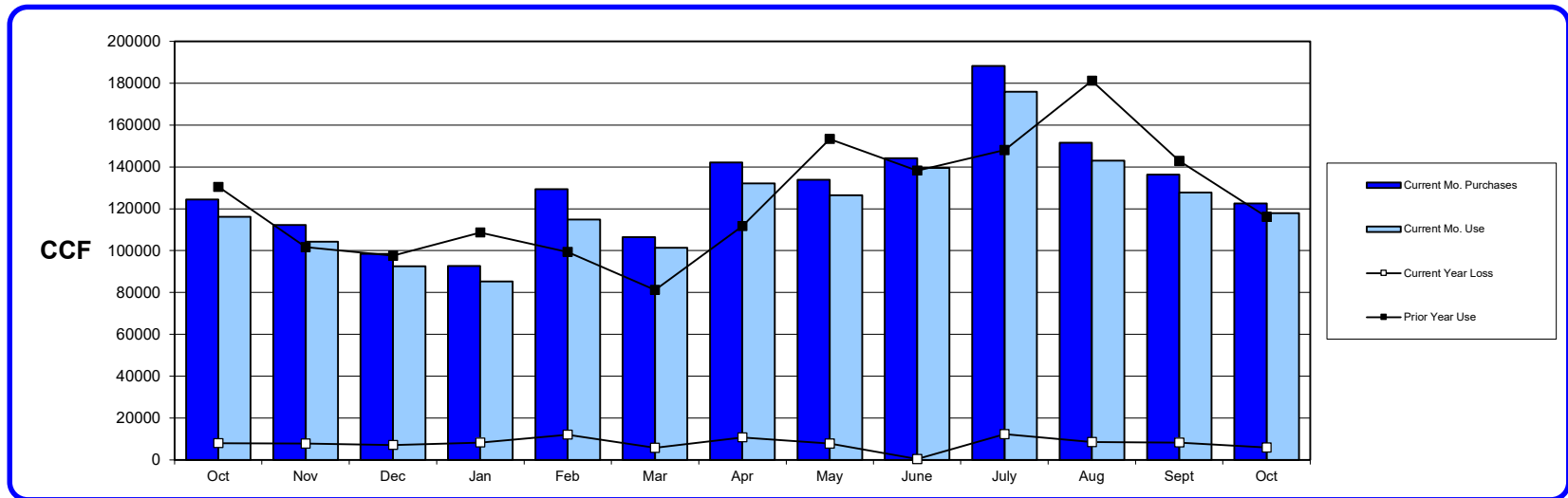
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 25 Accts closed/transf 31 Empty Homes 0			Butterfield (305) Calif. Meadows (345)	
Residential	6178	2	650	6830
Commercial	94	0	2	96
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	68	0	68
Non-Potable Water other	0	157	0	157
Construction-Bulk Sales	0	7	0	7
Total Active Customers	6276	235	652	7204

DELINQUENT REPORT

Meters Read - Customers Billed	6511	
Received Delinquent Notice on current bill	451	
Turned Off for lack of payment	0	0.00%
Customers turned back on, amount paid	0	0.00%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	TOTAL
Beg Water Levels	12830	13091	13383	12271	11507	14012	13478	12806	12493	13272	13282	13283	13570	
Ending Water Levels	13091	13383	12271	11507	14011	13478	12806	12493	13272	13282	13283	13570	12382	
Cur Yearly Purchases	124397	112327	98488	92725	129333	106514	142162	133959	144158	188279	151648	136388	122599	1682977
Cur Yr Monthly Use	116129	104291	92551	85242	114797	101282	132069	126528	139475	175991	143103	127809	117899	1577166
Prior Yr Monthly Use	130445	101649	99436	108646	99436	81228	111662	153372	148077	148077	181209	142826	116129	1622192



KEY

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

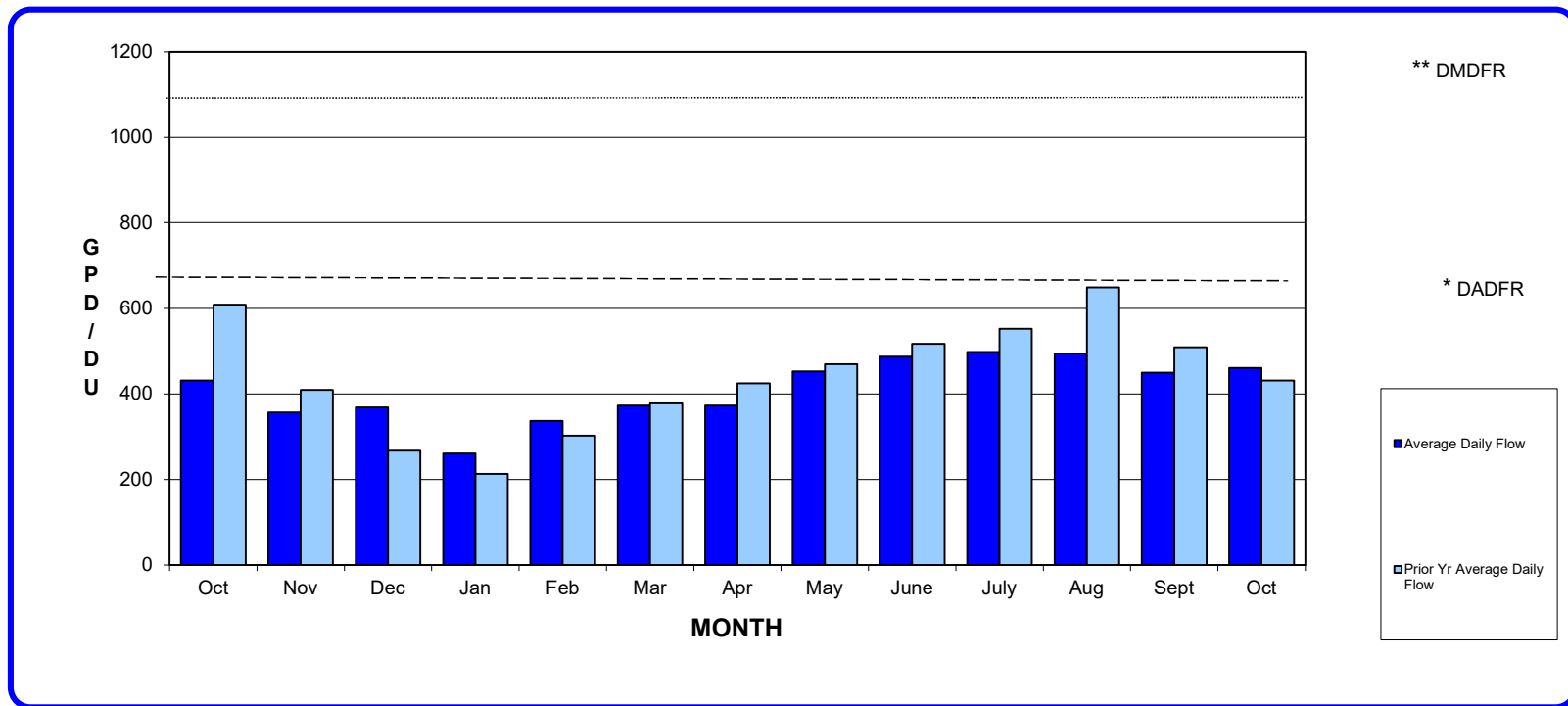
SUMMARY

Beginning Water in System	12830 CCF
Water Purchased in last 13 months	1682977 CCF
Water Used in last 13 months	1577166 CCF
Water Remaining in System	12382 CCF
(Loss)/Gain over last 13 months	(106259) CCF

-6.31%

RESIDENTIAL WATER USAGE AVERAGE DAILY FLOW

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	YEARLY AVERAGE
Average Daily Flow	432	357	368	261	337	373	373	453	487	498	495	450	460	409
Prior Yr Average Daily Flow	608	409	267	213	302	378	425	470	517	552	648	508	432	427



Key

2020-2021

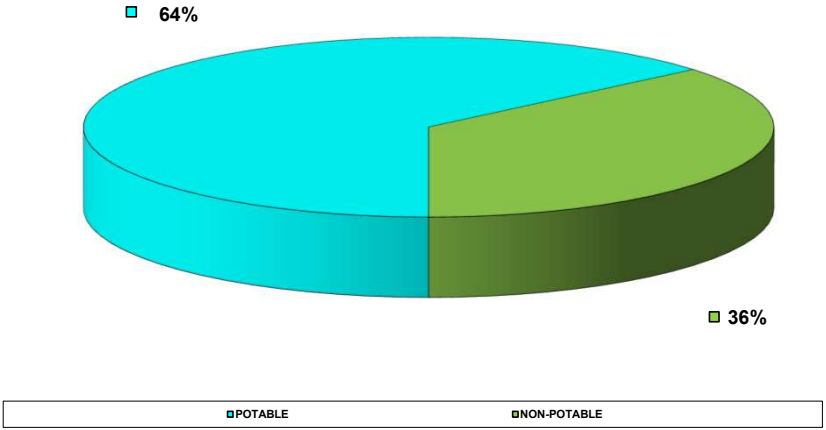
2021-2022

2022-2023

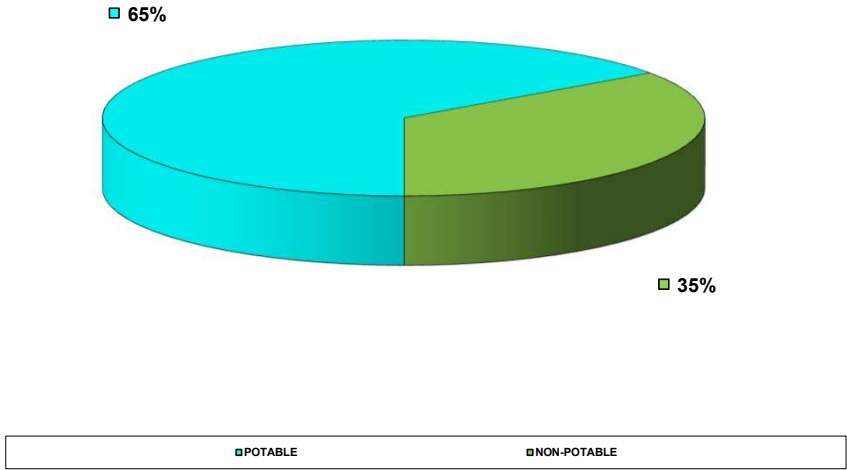
* DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)

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

**Temescal Valley Water District
Volume of Water Sold
For Four Months Ending October 31, 2022
F/Y 2022-2023**

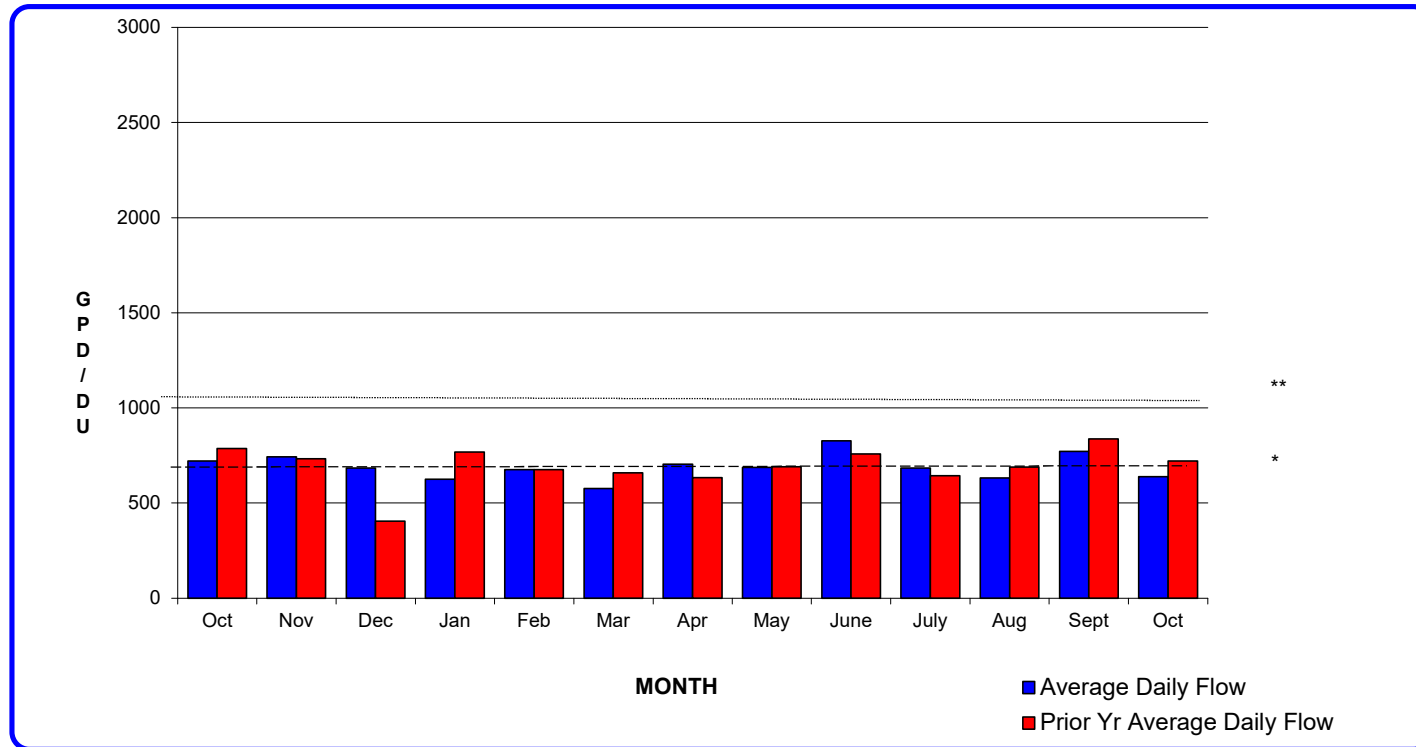


**Temescal Valley Water District
Water Volume Sold
For F/Y 2021-2022
Twelve Months**



COMMERCIAL WATER USAGE AVERAGE DAILY FLOW

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	YEARLY AVERAGE
Average Daily Flow	721	744	684	625	675	577	704	688	827	683	632	771	639	687
Prior Yr Average Daily Flow	788	732	405	768	676	660	634	691	758	643	689	838	721	685



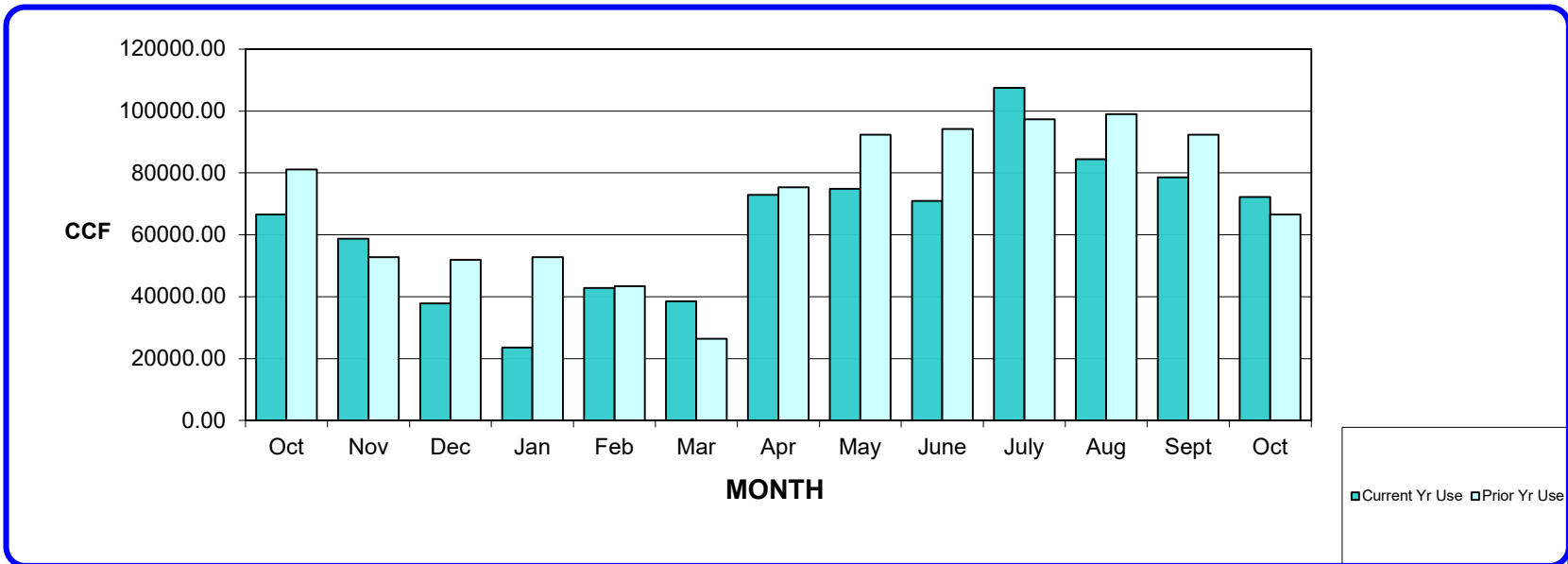
Key
2020-2021
2021-2022
2022-2023

* 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)

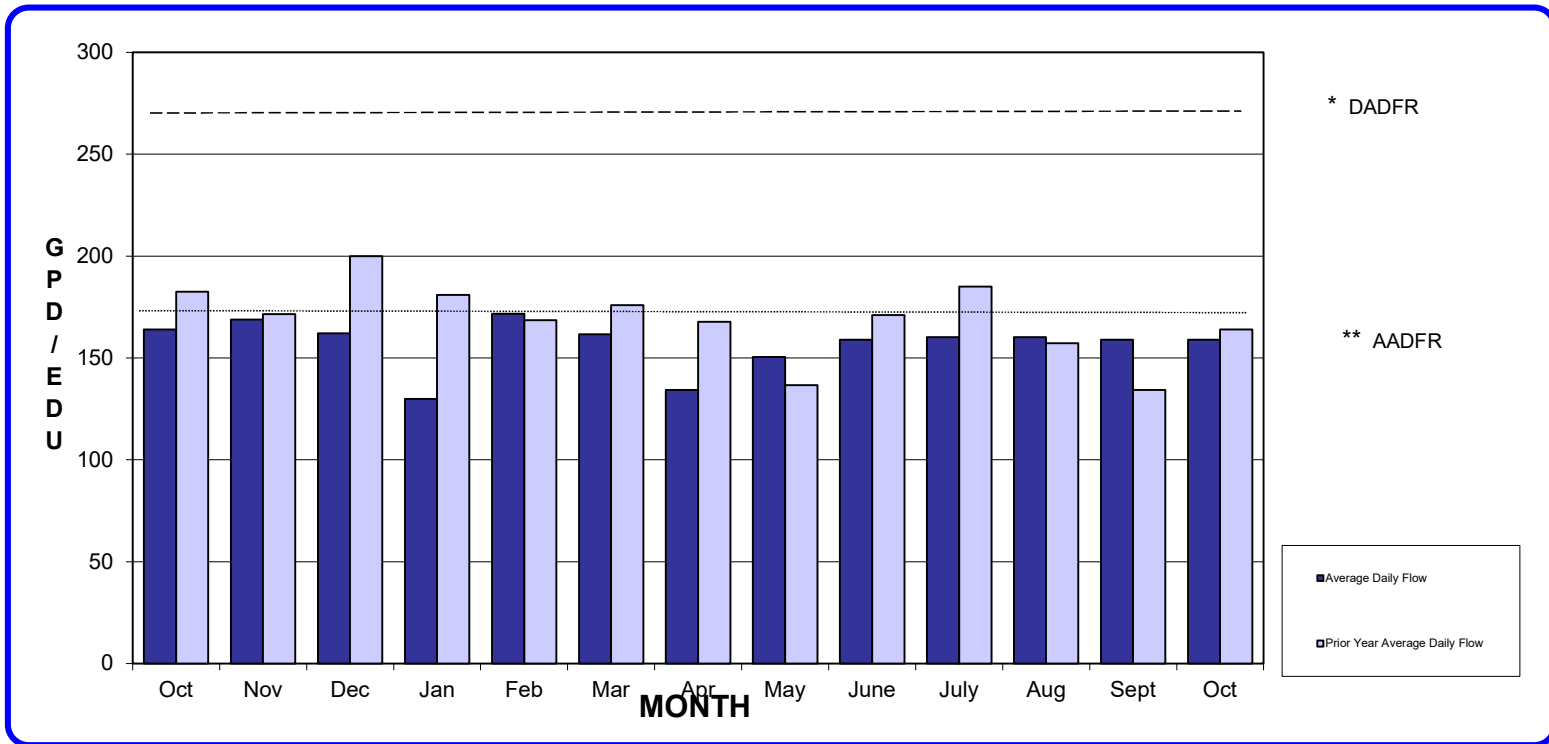
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
Current Yr Use	66474.53	58720.00	37812.00	23570.72	42797.73	38517.00	72833.55	74866.40	70903.37	107422.03	84406.00	78606.00	72199.40
Prior Yr Use	81051.36	52720.00	51836.00	52720.00	43322.39	26400.23	75335.76	92363.00	94145.68	97230.00	98914.00	92269.57	66474.53
Revenue	\$262,607	\$180,268	\$136,385	\$83,291	\$140,197	\$126,336.00	\$203,713	\$237,444	\$177,858	\$303,475	\$238,453	\$235,984	\$235,984



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

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

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	12-Month Average
Average Daily Flow	164	169	162	130	172	162	134	151	159	160	160	159	159	170
Prior Year Average Daily Flow	183	172	200	181	169	176	168	137	171	185	157	134	164	168



** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

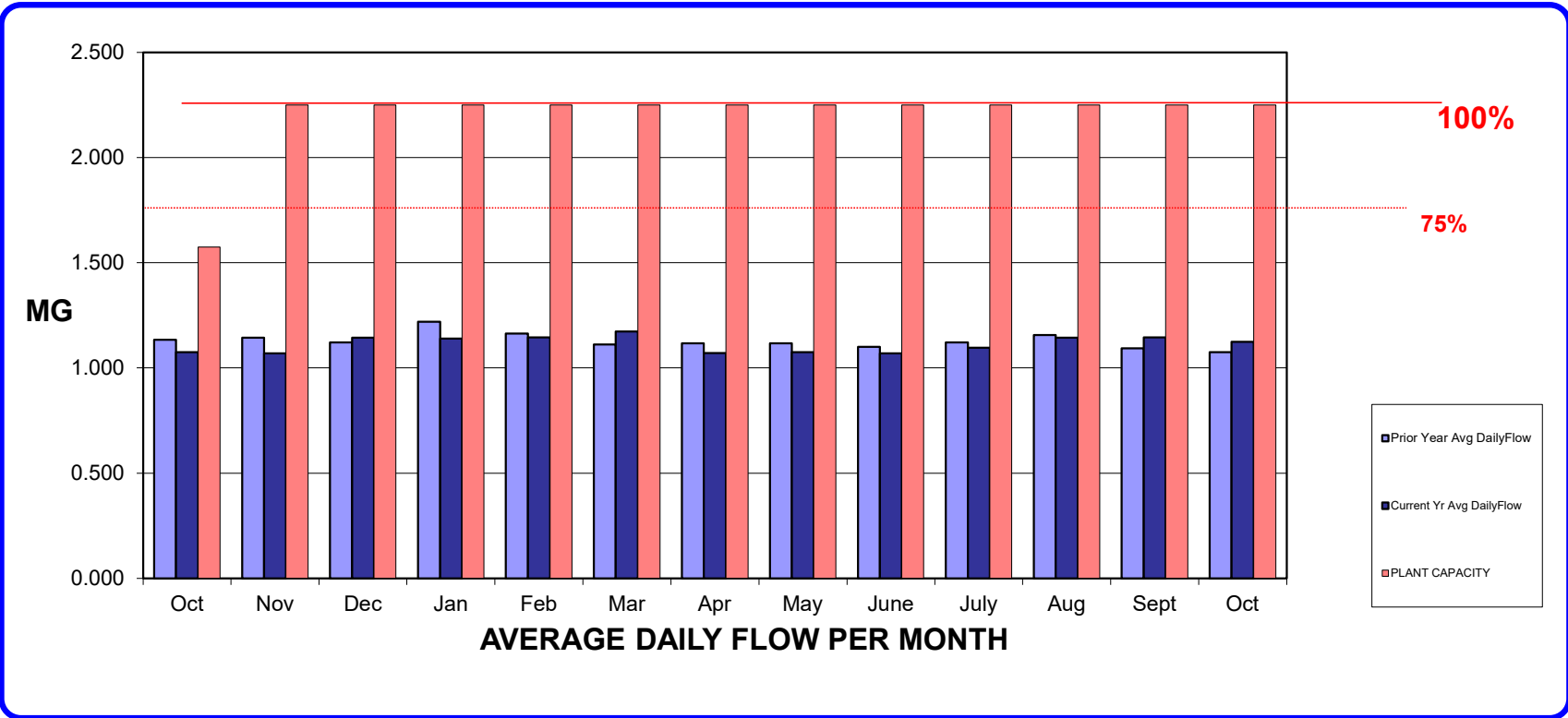
RECLAMATION PLANT FLOW REPORT

AVERAGE DAILY FLOW (Million Gallons)

Key	
2020-2021	
2021-2022	
2022-2023	

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
Current Yr Avg DailyFlow	1.0760	1.0690	1.1430	1.1400	1.1460	1.1730	1.0710	1.0760	1.0690	1.0970	1.1430	1.1460	1.1250
Prior Year Avg DailyFlow	1.1340	1.1430	1.1210	1.2200	1.1630	1.1110	1.1170	1.1180	1.1000	1.1210	1.1570	1.0940	1.0760

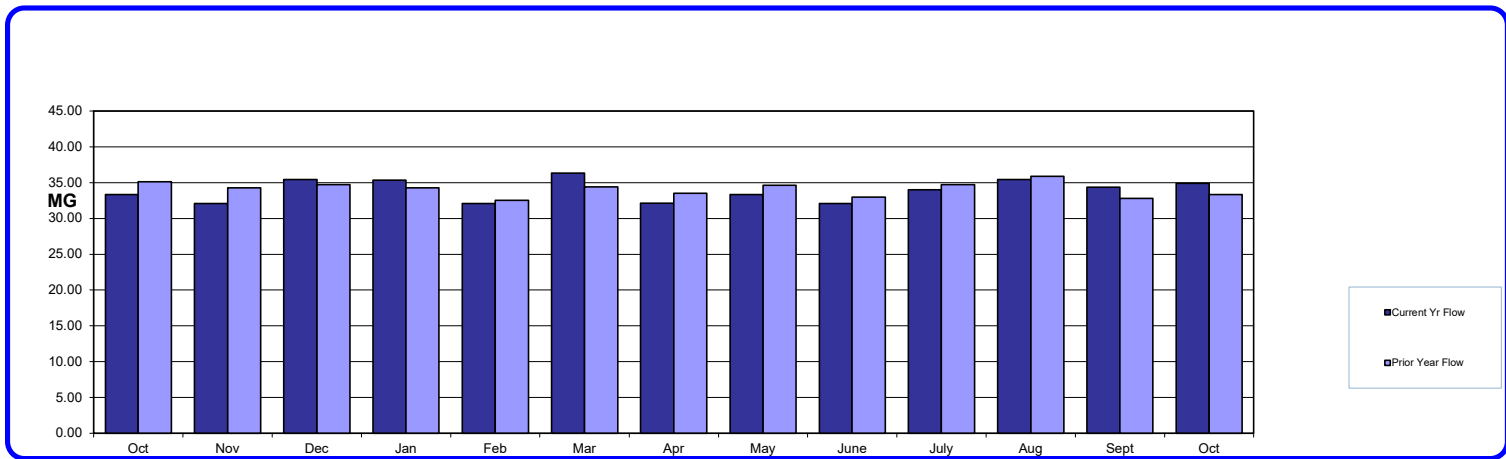
PLANT CAPACITY 1.575 2.250 2.250 2.250 2.250 2.250 2.250 2.250 2.250 2.250 2.250 2.250 2.250



RECLAMATION PLANT DISCHARGE REPORT MONTHLY FLOW (Million Gallons)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Total/yr
Current Yr Flow	33.36	32.07	35.44	35.35	32.08	36.36	32.12	33.35	32.08	34.01	35.45	34.37	34.89	407.57
Prior Year Flow	35.14	34.28	34.75	34.28	32.56	34.44	33.50	34.66	33.00	34.76	35.87	32.82	33.36	408.27

Potential Revenue \$133,351 \$128,190 \$141,665 \$141,305 \$128,214 \$145,343 \$128,390 \$133,311 \$128,250 \$135,957 \$141,705 \$137,388 \$139,467 \$1,629,186

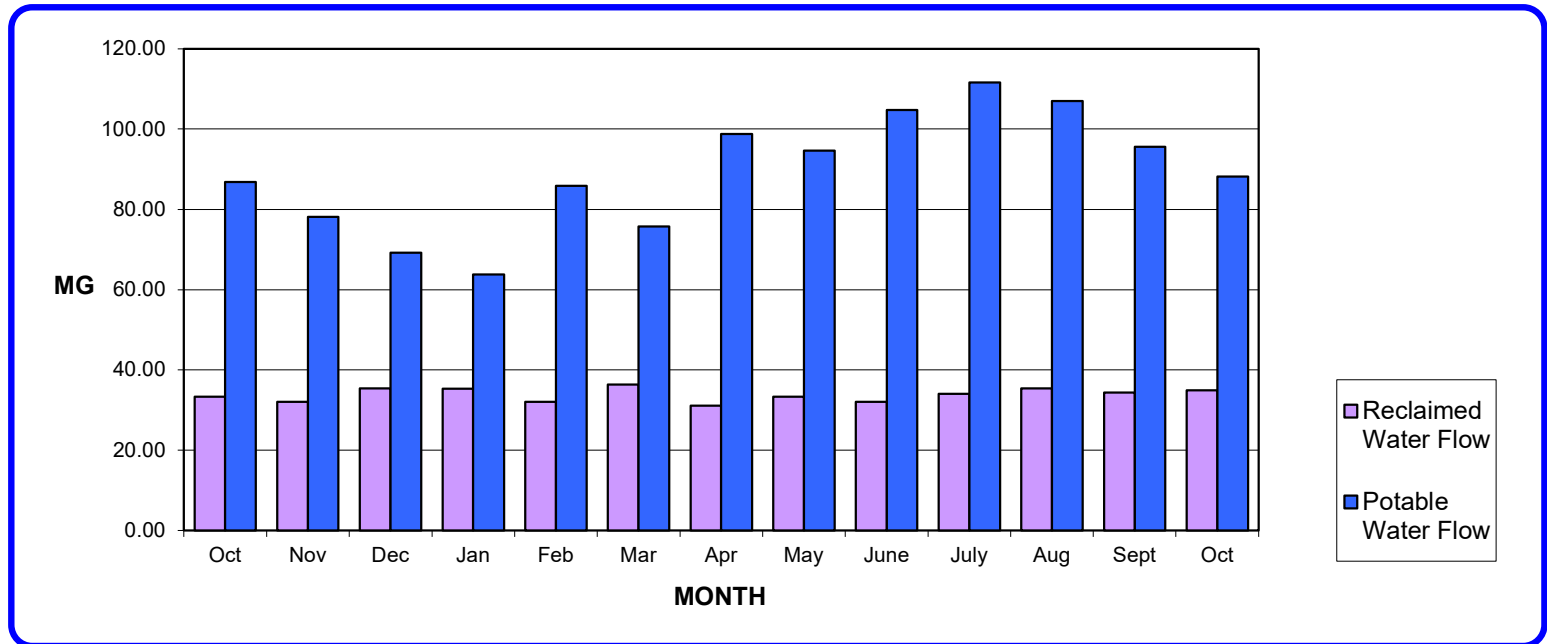


Key
2020-2021
2021-2022
2022-2023

Note - recycled water only

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
No. of Sewer Dwelling Units Connected	6983	6985	6996	7037	7052	7058	7097	7097	7106	7135	7135	7149	7164
Reclaimed Water Flow	33.36	32.07	35.44	35.35	32.08	36.36	31.12	33.35	32.05	34.01	35.43	34.37	34.89
Potable Water Flow	86.87	78.10	69.23	63.76	85.87	75.76	98.79	94.64	104.77	111.64	107.04	95.60	88.19



TEMESCAL VALLEY WATER DISTRICT
AVERAGE WATER UNITS PER MONTH BY ROUTE

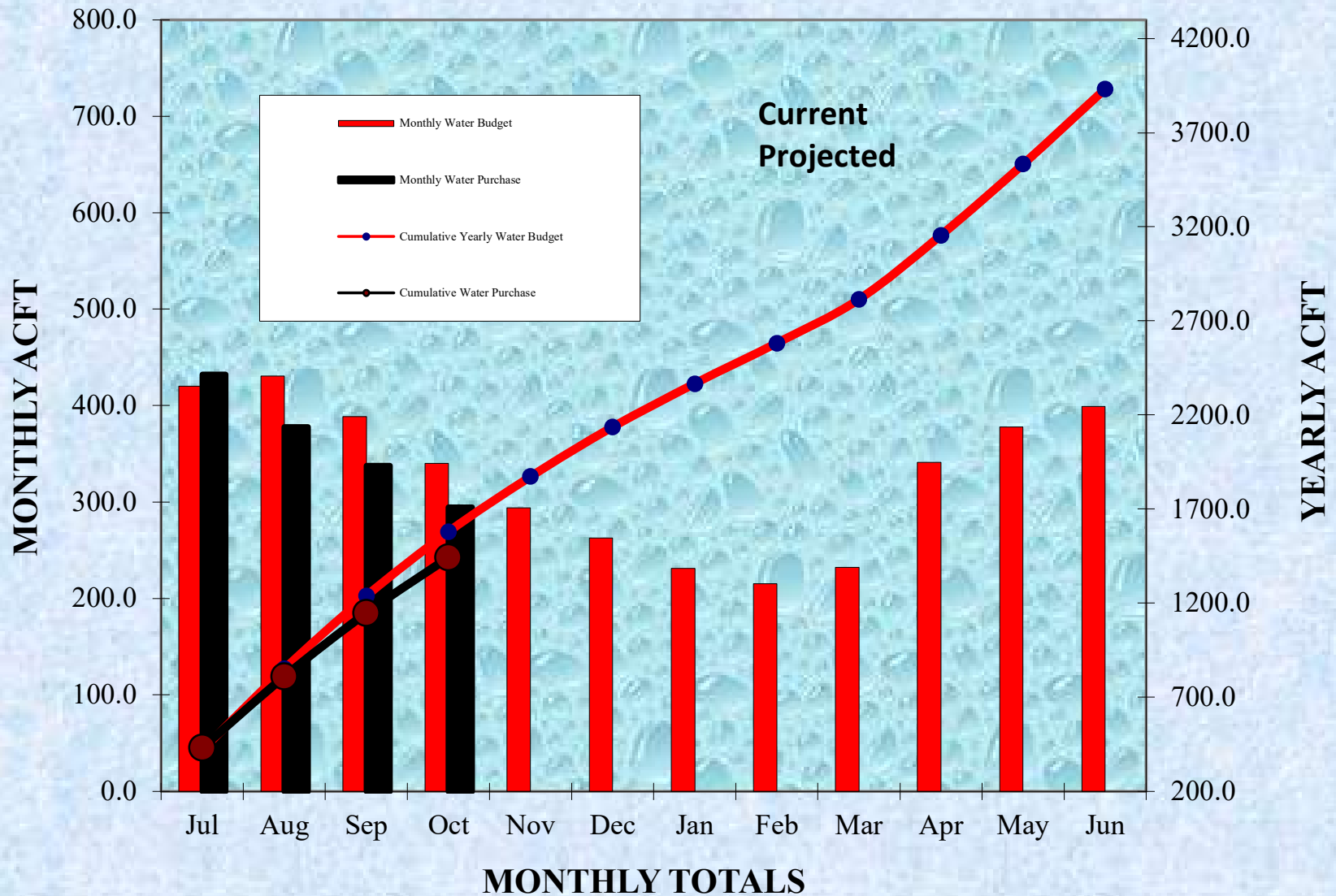
Month	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Terramor(8)	Harm Gr(13)	Dist Avg	AVG IND-BK / IRR (1)	TOTAL		
											RECYCLED	NONPOT-Other	NONPOT-Trilogy Golf
AVG '07-'08	18.1	32.7	15.9	32.2	21.7	37.1	0.03	-	25.9	83.9			
AVG '08-'09	24.6	33.8	17.0	33.3	32.6	40.8	-	-	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	8.6	20.0	32.4	53,737.0	4,640.5	20,229.3
Oct-22	20.1	27.8	17.0	23.7	17.7	26.0	12.1	8.2	18.4	115.7	45,897.8	4,057.5	16,944.3
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)





November 22, 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.
 - 11-17-22 Western has set up monthly meeting to start working on the water supply Allocation that will be implemented by MWD
- 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.
 - 11-17-22 – finalizing plans for pipeline and new well site with developer design staff
- 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.

Temescal Valley Water District

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



- Proposed conversion sites identified and information sheets prepared for Engineering Committee review
- **11-17-22 Package on board agenda for review and approval of design timing**
- Working with Land Developers on water and sewer fees for multiple infill projects.
 - 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
 - **11-17-22 Reviewed new onsite and offsite improvement plans**
- 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
 - **11-17-22 final reimbursement package on the 11-22 board mtg for review**
- 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.
- 11-17-22 Slab is complete and building is scheduled to drop Nov 30
- 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

MEMORANDUM

DATE: November 22, 2022
TO: Board of Directors
Temescal Valley Water District
FROM: General Manager
SUBJECT: **Mills Gravity Line Major Maintenance Payment**

BACKGROUND

Please see the attached presentation and invoice for the Mills Annual payment.

ACTION REQUESTED

Discuss and send to Engineering Committee for approval as necessary.

FISCAL IMPACT

\$180,936

RECOMMENDATION

To be made by the Board of Directors:

Respectfully submitted,



Jeff Pape
General Manager



**WESTERN
MUNICIPAL
WATER
DISTRICT**
14205 Meridian Parkway
Riverside, CA 92518-3045

Invoice Number: IN14243

Invoice Date: 10/31/2022

Payment Due Date: 11/30/2022

Customer Number: 174

Page 1 of 1

Bill To:
TEMESCAL VALLEY WATER DISTRICT
22646 TEMESCAL CANYON ROAD
TEMESCAL VALLEY CA 92883

AMOUNT ENCLOSED \$ _____

AMOUNT DUE \$180,936.00

PLEASE DETACH AND RETURN THIS PORTION WITH REMITTANCE

Line	Item Description	Quantity/UOM	Unit Price	Amount
1	FISCAL YEAR 2022-2023 MILLS GRAVITY LINE MAJOR MAINT, MAINTENANCE RESERVE	1.0 EA	180,936.00	180,936.00

TERMS: NET 30

Mail Payment To:
Western Municipal Water District
14205 Meridian Parkway
Riverside, CA 92518-3045
(951) 571-7108

Amount Due: \$180,936.00

Invoice Number: IN14243
Invoice Date: 10/31/2022
Payment Due Date: 11/30/2022
Customer Number: 174

Western Municipal Water District
Mills Gravity Line Fixed Major Maintenance and Repair Budget Allocation
 Updated January 1, 2021

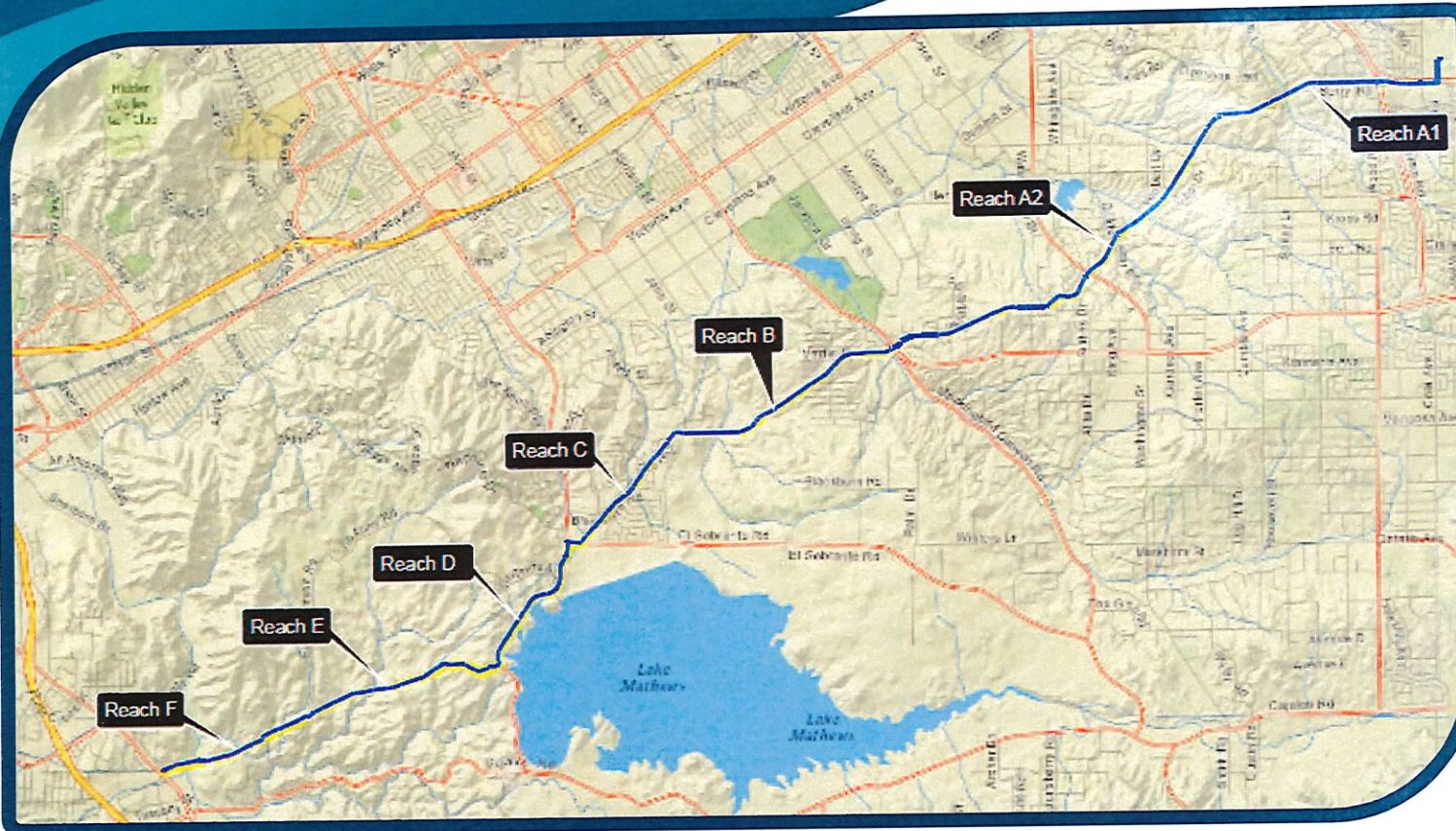
Fixed Major Maintenance and Repair Budget
 10 Year Total \$ 11,620,116

Agency	Total Service Rights (Sum Reaches A-F)	% of Ownership	Maint. Reserve 10 years	Maint. Reserve Annual Funding	Purchase Option	Net Maint. Reserve Annual Funding
Riverside	30.00	5.31%	\$ 617,107	\$ 61,711		\$ 61,711
MWD	17.50	3.10%	\$ 359,979	\$ 35,998		\$ 35,998
TVWD	87.96	15.57%	\$ 1,809,356	\$ 180,936		\$ 180,936
Corona	61.50	10.89%	\$ 1,265,068	\$ 126,507		\$ 126,507
EVMWD	54.00	9.56%	\$ 1,110,792	\$ 111,079	\$ 37,027	\$ 148,106 ^{1,2}
Western	313.94	55.57%	\$ 6,457,814	\$ 645,781	\$ (37,027)	\$ 608,754
Total	564.90	100.00%	\$ 11,620,116	\$ 1,162,012	\$ -	\$ 1,162,012

Agency	A	B	C	D	E	F	Total cfs
Riverside	30.00	-	-	-	-	-	30.00
MWD	3.50	3.50	3.50	3.50	3.50	-	17.50
TVWD	14.66	14.66	14.66	14.66	14.66	14.66	87.96
Corona	10.00	10.00	10.00	10.00	10.00	11.50	61.50
EVMWD	9.00	9.00	9.00	9.00	9.00	9.00	54.00
Western	84.04	77.84	62.04	58.04	16.14	15.84	313.94
Total cfs Sold Per Reach	151.20	115.00	99.20	95.20	53.30	51.00	564.90

1. Elsinore Valley MWD purchased 9 cfs of MGL Service Rights from Western in Reaches A-F effective January 1, 2021.
 2. In addition to the 9 cfs purchase, EVMWD also executed an Option Agreement with Western that provides EVMWD with the option to purchase an additional 12 cfs of service rights in the MGL. Per this Option Agreement, Elsinore agreed to pay 25% of the Fixed Major Maintenance and Repair Budget for the 12 cfs they have optioned from Western. The total for 25% of 12 cfs is \$37,027. This reduces Western's annual payment contribution by \$37,027 to \$608,754.

Mills Gravity Line Annual Coordination Meeting



November 16, 2022



Budget Update

Major budget revisions occur every 3 years

Last budget update was 2020

Staff currently working to revise budget and will notify service right holders of new annual assessment in early 2023



Project Updates

Mills Gravity Line Annual Coordination Meeting

Completed Projects

Mills Gravity Line Annual Coordination Meeting

MGL Streambed Erosion Repair



- Prior to 2020 staff discovered an exposed portion of MGL and was working on a relocation project
- Heavy Rains in April/May 2020 created need for an emergency repair



Project was successfully completed and eliminated the need for the more costly project

Emergency Spare Pipe

Update: Spare pipe segments have arrived!

- MGL constructed in 3 sizes – 60", 54", 48"
- Purchased 20-foot section of each size to have on hand for an emergency
- All necessary connectors/pieces also ordered
- Having parts on hand will reduce downtime in the event of a pipeline failure

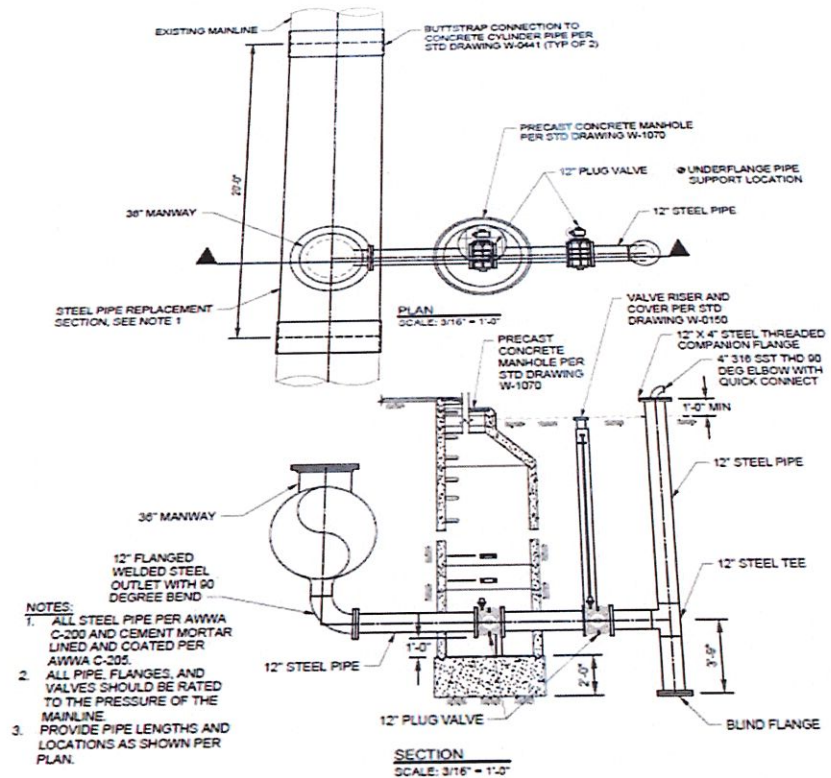


Projects In-Progress

Mills Gravity Line Annual Coordination Meeting

Blow Off & Isolation Valve Replacement

- New design standards for blow off and isolation valves complete
- Getting ready to bid plans and specs
- Expecting very long lead times for procurement
- Aiming to coordinate replacements during scheduled MWD outage (Feb 2024)
- Cost increases expected due to current economic climate
- Applied for grant that would partially fund project costs if awarded



Condition Assessment Update



- Regular inspection, maintenance, and assessment is key to keeping the MGL in good condition
- Major Maintenance Schedule calls for regular assessment intervals
- RPF for next round of assessment work closes today
 - Leak detection survey
 - Corrosion survey
 - External assessment
- Internal assessment will be completed during blow off & isolation valve replacement project

Access Establishment & Maintenance

- Most of the MGL is overgrown with vegetation making it hard to locate blow offs, valves, test stations, etc.
- Staff has been working to:
 - Survey MGL to identify easement boundaries
 - Grade sections allowing easier access
 - Commission biological reports before clearing vegetation in some areas



Individual Turnout Maintenance Needs

Mills Gravity Line Annual Coordination Meeting

Reach F Maintenance

- Three valves leaking at Reach F
 - Corona Feed Valve
 - Corona Feed Isolation Valve
 - Elsinore Feed Valve
- These valves are attributable to individual member agency connections
- Replacement timelines and costs will be formally communicated shortly
 - Procurement timeline 26 weeks
 - Repairs scheduled for mid-April (no service shutdown will be needed)
- Western staff will coordinate repair activities with the affected agencies

Questions?

Western Municipal Water District

wmwd.com | outreach@wmwd.com

     @WesternMWD



MEMORANDUM

DATE: November 22, 2022

TO: Board of Directors
Temescal Valley Water District

FROM: Jeff Pape, General Manager

SUBJECT: Phase 4 WRF Primary Feed Pipe Replacement

BACKGROUND

The District has been working with Dexter Wilson Engineering (WDE) to replace an undersized feed pipe to the Primary Clarifier. During testing of the influent piping to the Primary Clarifier it was found that due to the flow configuration, the piping was undersized. DWE has designed and received a quote to replace the pipes in question. Please see the attached letter confirming that DWE will fund the replacement.

This project and process has been reviewed by the Engineering Committee.

RECOMMENDATION

It is recommended that the Board of Directors:

Authorize the General Manager to replace the piping at the Primary Clarifier.

Respectfully submitted,



Jeff Pape,
General Manager

DEXTER WILSON ENGINEERING, INC.

DEXTER S. WILSON, P.E.
ANDREW M. OVEN, P.E.
NATALIE J. FRASCHETTI, P.E.
STEVEN J. HENDERSON, P.E.
FERNANDO FREGOSO, P.E.
KATHLEEN L. HEITT, P.E.

November 17, 2022

148-005

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

Attention: Jeff Pape, General Manager

Subject: Cost Responsibility for Primary Splitter Box Modifications at the Temescal Valley Water District Water Reclamation Facility Phase IV Expansion

The purpose of this letter is to define the cost responsibility for the Primary Splitter Box Modifications at the Temescal Valley Water District Water Reclamation Facility Phase IV Expansion. The modifications will enable the District to hydraulically convey the calculated buildout peak hour flow sufficiently through the splitter box located upstream of the recently constructed (early 2022) primary sedimentation tanks. The modifications consist of fully replacing three, existing, 12-inch pipelines with three, new, 18-inch pipelines.

The modifications will be performed by Kingmen Construction at a cost of \$86,223. The modifications will be accomplished by the District contracting directly with Kingmen Construction and Dexter Wilson Engineering Inc. responsible for covering the \$86,223 cost.

Respectfully submitted,

Dexter Wilson Engineering, Inc.



Natalie Frascetti, P.E., President

SH:NF

Primary Sedimentation Tank Re-Pipe Rev 1

Neil Nehmens <nnehmens@kingmenconstruction.com>

Mon 9/5/2022 10:03 PM

To: Jeff Pape <jpape@dudek.com>

 1 attachments (290 KB)

Material.pdf;

Jeff,

Thank you for meeting with me onsite. Based on the most recent approach Kingmen has received updated material pricing to perform the re-pipe and will now approach the work in 2 phases, in lieu of 3. As we discussed, the plant will operate through the center channel so that we can perform the work on the 2 outside channels concurrently. Once the 2 side channels are operating, we can then isolate the middle channel and perform that work. Meaning to say, we will perform the demo, core drilling and reinstallation for the two outside splitter channels before we move on to the middle one.

While I cut the duration down from 9 days to 6 days, the increase in material costs ate up a lot of the savings.... As you may recall the original estimate to perform the work in 3 separate operations was \$91,055. However, with the new approach and after receiving updated pricing our revised price to complete the work is \$86,223.

Assumptions:

1. Prevailing wages will be paid
2. Material to be ordered before quote expires
3. Submittals will be submitted for approval prior to release of material
4. Price includes DIR wage increase in July 2022
5. Price includes a wash station and outhouse for our crew.
6. Confined space entry for all the work
7. \$5,000 allowance to paint the pipe
8. Equipment – As discussed, I have no equipment in the bid. I am planning on using your equipment onsite.....hopefully it will reach. A reach forklift if needed would add about \$4500.

Thank you for the opportunity.

Thank you,
Neil

Neil B. Nehmens, P.E. | President/CEO

Kingmen Construction, Inc.

Phone/Fax: 909.529.1747

E-Mail: nnehmens@kingmenconstruction.com

Mailing Address: 4200 Chino Hills Parkway, Suite 135/221, Chino Hills CA 91709

Office Location: 13505 Yorba Ave, Unit E, Chino CA 91710

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WESTERN WATER WORKS SUPPLY COMPANY

PREPARED FOR: KINGMEN CONST INC
4200 CHINO HILLS PKWY
STE 135/221
CHINO HILLS CA 91709

PROPOSAL

PROPOSAL ID	QUOTE NO.	DATE
TVWRF MECHANICAL	73430	08/18/22

CONTACT: Neil Nehmens
PHONE NO: (909) 529-1747/
E-MAIL: nnehmens@kingmenconstruction.com

PROPOSAL SUBMITTED BY:

WESTERN WATER WORKS
12247 LAKELAND RD
SANTA FE SPRINGS, CA - 90670
PHONE: (909)597-7000
FAX: (626)579-1389

www.wwwsc.com

PROJECT NAME
TVWRF MECHANICAL
AGENCY
PREPARED BY
Carlos Munoz
PHONE NO.
E-MAIL
carlos.munoz@wwwsc.com
SALES REP
CROWDER / Fuentes
E-MAIL
jason@wwwsc.com

PLEASE REVIEW THIS PROPOSAL VERY CAREFULLY. THANK YOU FOR YOUR CONSIDERATION.

NOTE:

SALES TAX IS NOT INCLUDED

MATERIALS PRICING & AVAILABILITY:

Due to unprecedented global commodity supply issues, material pricing and availability cannot be guaranteed for any set period of time. Please contact your Western Water Works representative for the current status as this issue is fluid and changes regularly.

DUE TO SUPPLY CHAIN ISSUES, THESE ARE THE ESTIMATED LEAD TIMES FOR MATERIALS:

- Valves - 22 to 24 weeks
- Hydrants - 28 to 32 weeks
- PVC Pipe - 12 to 18 weeks
- DI Pipe - 28 to 32 weeks
- Service Brass - 32 to 40 weeks
- DI Fittings - 4 to 8 weeks
- Sewer Fittings - 2 to 8 weeks
- Meter Boxes - 12 to 24 weeks

We can only hold prices in this proposal on a 15/30 basis, which means prices are firm for 15 days, and material must ship within 30 days.





WESTERN WATER WORKS SUPPLY COMPANY

12247 LAKELAND RD SANTA FE SPRINGS, CA - 90670
PHONE: (909)597-7000 | FAX: (626)579-1389

PROPOSAL

PROPOSAL ID	QUOTE NO.	DATE
TVWRF MECHANICAL	73430	08/18/22

LN#	PRODUCT AND DESCRIPTION	QTY	UM	PRICE	TOTAL	
1	FBD9018P401#	18x90	DI FLG BND P401/TN140	2 EA	2967.07	5934.14
2	18FF30-P401#	18X3'	FXF DI SPOOL P401 LINED	2 EA	3330.83	6661.66
3	18FP30-P401#	18X3'	FXP DI SPOOL P401LINED	2 EA	2450.59	4901.18
4	18FP26-P401#	18X2'-6"	FXP DI SPOOL P401 LINED	2 EA	2193.92	4387.84
5	18PP20-P401#	18X2'	PXP DI SPOOL P401 LINED	1 EA	1111.26	1111.26
6	BN18-B8M#	18	150# T316 B8M B/N/W	6 EA	369.47	2216.82
7	18-8-NA#	18"	150# GARLOCK EPDM 1/8 GASKET	6 EA	72.93	437.58
8	ASL-8OZ	1/2	PINT PERMATEX ANTI-SEIZE LUBRICANT	5 EA	12.10	60.50
9	LS525-1824#	18" X 24"	CORE HOLE LS W/ 316 SS HARDWARE	102 EA	32.49	3313.98
10	BF-12	12	DI BLIND FLG	2 EA	312.53	625.06
11	BN12-B8M	12	B8M 316 SS B/N/W SET 150# 7/8X4	2 SET	172.09	344.18
12	12-8-NA#	12"	150# GARLOCK EPDM	2 EA	58.67	117.34
13				BID TOTAL		30111.54

NOTE: THIS PROPOSAL DOES NOT INCLUDE SALES TAX.



PROPOSAL

PROPOSAL ID	QUOTE NO.	DATE
TVWRF MECHANICAL	73430	08/18/22

Terms and Conditions of Sale:

All products and materials offered for sale are subject to these "Terms and Conditions of Sale." Quoted prices may be subject to a price adjustment after the expiration date noted due to a price adjustment from our vendor. The list of materials described in this agreement, and the quantity shown herein, represents our interpretation of the plans and specifications, if any, and is for estimating purposes only. It is not guaranteed for accuracy or completeness, but is furnished only as a guide. The obligation and the responsibility for ordering correct types and verifying quantities of materials rest solely with the Purchaser.

It is the Purchaser's responsibility to inspect materials for damage or shortage at the time of delivery. Claims for damage or shortage must be acknowledged at the time of delivery. Purchaser shall furnish people and equipment to unload material.

Material may not be returned without our consent and a copy of the invoice or delivery ticket.

- a) Standard items normally carried in our inventory and returned in a new condition, may be subject to a restocking charge.
- b) Non-standard items (non-stocking) will be subject to a restocking charge and no credit will be given until such credit is received by us from our vendor, less freight.

We shall not be responsible for shipment delays caused by strikes, embargos, fires, accidents, or any other causes beyond our control.

Purchaser agrees to pay in full and according to the terms of the sale as indicated on our invoices which is NET 30 DAYS unless stated otherwise. If Purchaser fails to pay according to terms, Purchaser agrees to pay a late charge at the highest legal rate per month on past due invoices. Should an attorney or a collection agency be employed by us to collect on any debts of the Purchaser, the Purchaser agrees to pay all actual cost of collection, attorney's fees, costs and interest on the past due amount.

Materials are warranted only under the conditions and to the extent that they are warranted by the manufacturer(s). We assume no liability of any kind for any direct or indirect damages including, but not limited to, labor cost, expenses, project delays or any type of consequential damages resulting from the use of the material claimed to be defective.

The terms and conditions of this agreement are the entire integrated agreement between the parties hereto and shall supersede all previous communications, representations or agreements either oral or written between the parties. Any order placed, orally or in writing, pursuant to the terms of this proposal shall be deemed acceptable of its terms, conditions, and pricing.





November 10, 2022

Dear Members of the California State Legislature,

As general managers of water agencies from across the State, we are writing to express our significant concern over California’s ongoing and serious water supply crisis.

As you begin to develop your 2023 legislative priorities, we strongly urge you to put the water supply crisis at the top of your list of key issues to address immediately. We ask that you discuss the water supply crisis and the potential solutions with your local water agencies to understand risks to your district, the economy, and the State.

This is an unprecedented time with changing and worsening climate conditions. Californians cannot wait any longer, the State needs to take extraordinary and immediate action, by creating regulatory certainty and making substantial investments in generational solutions, including more storage, improved conveyance, and a new water supply.

We applauded Governor Newsom’s announcement of California’s new [water supply strategy](#) as a step in the right direction. The State strategy prioritizes conservation, recycling, reuse, and desalination – all strategies that water agencies are pursuing and implementing. While these efforts will help California adapt to the current drought conditions, climate change and the loss of the snowpack, our largest reservoir, will leave California with a shortfall of 10 million acre-feet in the not-too-distant future.

Consequently, comprehensive legislation and substantial, ongoing budget commitments to secure California's water future to maintain the economy, environment, and quality of life are imperative.

Members of [Solve the Water Crisis](#), a statewide education coalition, are working to increase awareness of California's water supply crisis. We are partnering with water agencies, business organizations, community groups, and local elected officials to inform the public about the crisis. Our network of interested and concerned parties has grown and now includes every region in the State.

Thank you for taking the time to review the enclosed materials, we look forward to a collaborative and constructive discussion as we head into 2023.

Sincerely,

Camrosa Water District

City of Corona

Coachella Valley Water District

East Valley Water District

El Dorado County Water Agency

Eastern Municipal Water District

Elsinore Valley Municipal Water District

Inland Empire Utilities Agency

Irvine Ranch Water District

Jurupa Community Services District

Las Virgenes Municipal Water District

Mesa Water District

Municipal Water District of Orange County

Olivenhain Water District

Puente Basin Water Agency

Rancho California Water District

Riverside Public Utilities

Rubidoux Community Services District

San Bernardino Municipal Water Department

San Bernardino Valley Municipal Water District

San Juan Water District

Temescal Valley Water District

Three Valleys Municipal Water District

Turlock Irrigation District

Valley Center Municipal Water District

Western Municipal Water District



SOLVE THE WATER CRISIS
ACT NOW TO SECURE CALIFORNIA'S FUTURE.

www.solvethewatercrisis.com

**SCAN THE QR CODE TO
BECOME A SUPPORTER.**



Questions? Contact Jenny Dudikoff at
jdudikoff@ka-pow.com.

November 17, 2022

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – October 2022

Dear Board Members:

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

- Managed 281.45 acre-feet of water through system.
- Collected weekly potable water samples as well as quarterly disinfectant byproduct 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 6,511.
- 0 shut offs.
- Responded 78 service calls.
- Installed 25 meters for the various developers.
- Responded to 103 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.

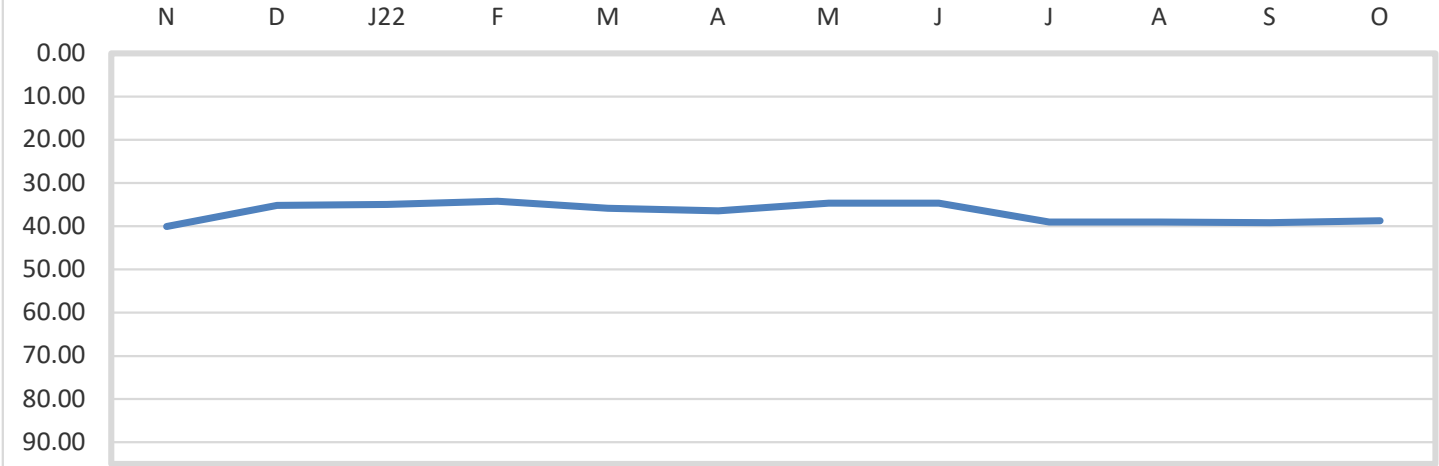
- We had all the buildings and treatment facility walls and fencing pressure washed to remove bird debris.
- We replace three 16" plant effluent valves that were inoperable here at the treatment facility.
- We brought in a vactor truck to clean Butterfield Sewer Lift Station, sewer at Gardenia and Knabe as well as the treatment facility.
- We had the radiator for our Corona Tie-in, pulled for pressure cleaning.

Sincerely,

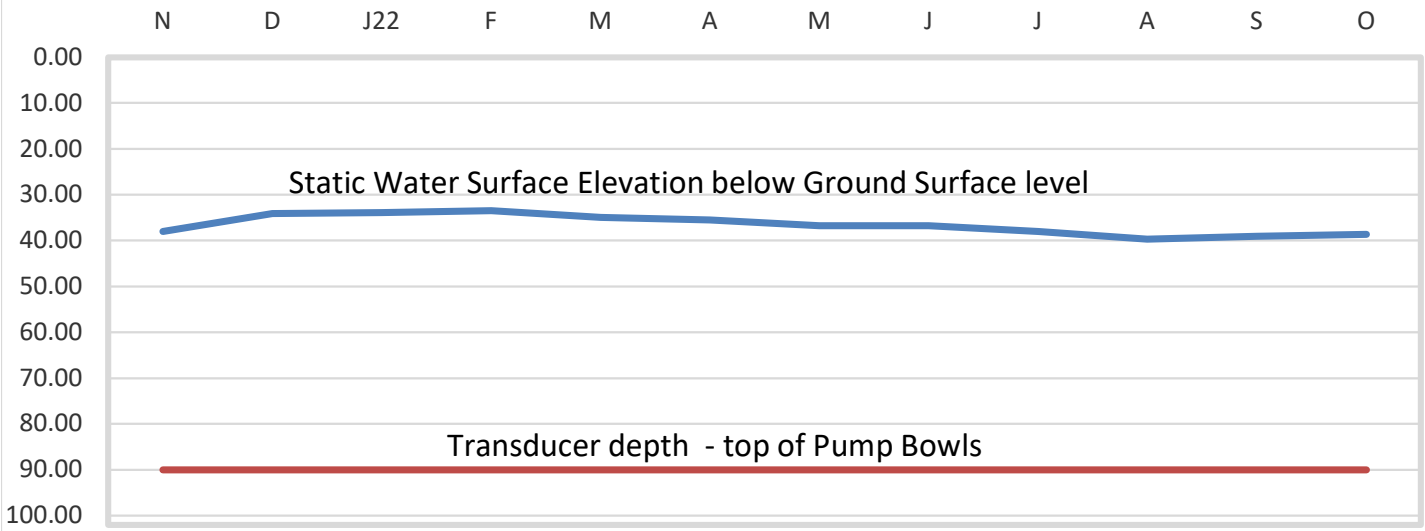
Paul Bishop, Superintendent

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

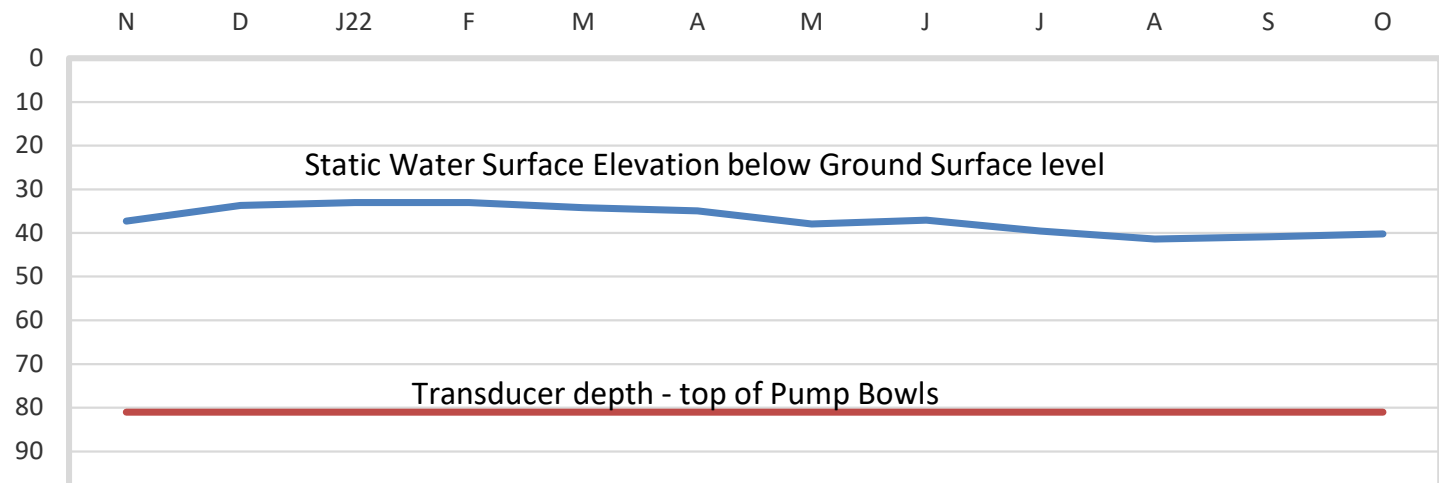
Well #1 Static Water Level



Well #1A Static Water Level



Well #4 Static Water Level



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: November 17, 2022
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of November 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: This project is currently on hold.
- Project 1401.2207: Wildrose Reservoir Design: We are currently working on the 50% design submittal for the project which is expected to be completed in early December.
30% Complete
- Project 1401.2208: Sludge Study: Dudek completed a sludge sampling plan which is currently under review by the District. Once the duration and frequency of sampling is agreed upon, sludge sampling will occur, and the results will be analyzed.
20% Complete
- Project 1401.2209: Recycled Water Conversion Study: The final draft of the proposed recycled water conversion project descriptions and estimates are attached to this report. This information was reviewed with the Engineering Committee during the November Committee meeting. Further information is included in the attachment.
75% Complete

MEMORANDUM

DATE: November 17, 2022

TO: Board of Directors
Temescal Valley Water District

FROM: District Engineer

SUBJECT: Authorization to Conduct Design of the Recycled Water Conversion Projects

BACKGROUND

With the goal of reducing potable water consumption throughout the District, a preliminary assessment of the current potable water irrigation meters was conducted to determine the feasibility of converting these meters to the non-potable water system. Attached to this memo is a map identifying the potable water irrigation meters within the District along with various attributes including size and average water consumption. Using this map, the District's Engineering committee has identified ten projects with the highest eligibility of conversion based on potable water consumption, ease of conversion, and proximity to the existing recycled and agricultural water systems.

The ten identified projects consist of:

- Project 1: The Retreat Recycled Conversion and Booster Pump Replacement
- Project 2: The Medical Center/TVWD Recycled Water Pipeline
- Project 3: The Wildrose Business Park Recycled Water System Extension
- Project 4: The Wildrose Community Park Recycled Conversion Project
- Project 5: The Wildrose Ranch HOA Irrigation Conversion
- Project 6: The Todd Academy School Yard Conversion
- Project 7: The Sycamore Creek Community Park Conversion
- Project 8: The Sycamore Creek Fire Station Recycled Conversion
- Project 9: The Sycamore Creek HOA Recycled Water Conversion
- Project 10: The Trilogy HOA Agricultural Water Conversion

Additional details for each of the projects are provided in the summary sheets attached to this Memo.

PROPOSED SEQUENCE OF WORK

- Projects 1 and 3 are proposed to be designed this fiscal year and constructed in fiscal year 2023/24
- Project 2 is proposed to be designed in fiscal year 2023/2024 and constructed in fiscal year 2024/25
- Projects 4, 5, 6, 7, 8, and 9 are proposed to be designed and built this fiscal year
- Project 10 has already been designed and is proposed to be constructed in fiscal year 2023/24

FEASIBILITY

- Projects 1, 3, 4, 5, 6, 7, 8, and 9 have a high level of feasibility with only minor coordination required with the County to obtain an encroachment permit, coordination with the State Regional Water Quality Control Board for approval of the conversion, and coordination with the landowner during the conversion and cross-connection testing.

- Project 2 will require additional coordination with the City of Corona for conversion of their existing potable water customers in this area to the TVWD 1320 pressure zone. This sequence of construction and conversion will be detailed in the project design documents.
- Project 10 will require additional coordination with the Trilogy HOA and the operators of the golf course agricultural water system for service to this conversion.

PROEJECT FUNDING

Funding for the design of each of the projects is proposed to be provided by the District. Funding sources for construction, and potential cost sharing with landowners for each of these conversions, will be evaluated during design and discussed with the General Manager and the Engineering Committee.

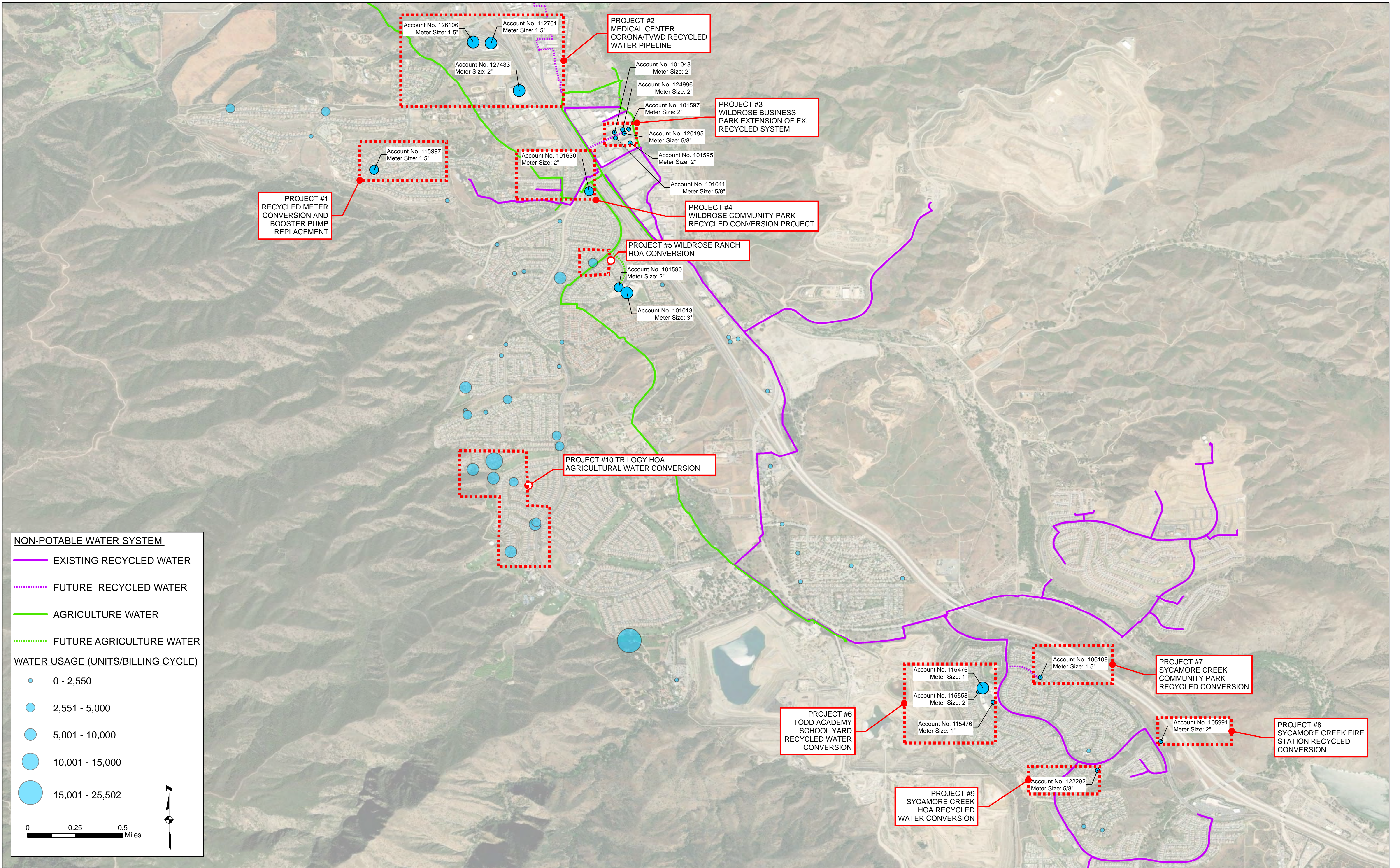
RECOMMENDATION

The District allow Dudek to develop design documents for each of these projects to facilitate conversion of the existing potable water irrigation meters to non-potable sources.

Respectfully submitted,



Justin Scheidel
District Engineer



Project Number	Account Number	Meter Size (in)	Meter Elevation (ft)	Static Head (psi)	Dynamic Head (psi)	Average Usage Per Month (gal)	Annual Usage (gal)	Annual Usage (units)	cost/unit	Water Service Costs	Mainline Extension Length	Lateral Size Required (in)	Daily Average (gal)	1 Hour Watering Period (GPM)	Mainline Extension Diameter	Construction Cost	Plan Sheets	Design Costs	Admin and CM Costs	Total Cost
1	115997	1 1/2	1102	40	40	184,824	2,217,888	2,965	\$ 141.65				6161			\$ 292,000	9	\$ 108,000	\$ 20,000	\$ 420,000
2	126106	1 1/2	959	102	102	452,023	5,424,276	7,252		\$ 15,000										
2	112701	1 1/2	952	105	105	377,456	4,529,472	6,055		\$ 15,000										
2	127433	2	943	109	109	384,110	4,609,320	6,162		\$ 15,000										
2										\$ 15,000										
2	New Potable Water services									\$ 90,000										
Total_2						1,213,589	14,563,068	19,469	\$ 35.71	\$ 150,000	1070	4	40453	674	12"	\$ 585,200	6	\$ 60,000	\$ 50,000	\$ 695,200
3	101048	2	915	121	111	6,532	78,384	105		\$ 15,000										
3	124996	2	917	120	110	8,109	97,308	130		\$ 15,000										
3	101597	2	915	121	111	37,580	450,960	603		\$ 15,000										
3	120195	5/8	916	121	111	8,745	104,940	140		\$ 15,000										
3	101595	2	912	123	112	33,784	405,408	542		\$ 15,000										
3	101041	5/8	917	120	110	4,282	51,384	69		\$ 15,000										
Total_3						99,032	1,188,384	1,589	\$ 93.72	\$ 90,000	315	2	3301	55	2"	\$ 108,900	2	\$ 30,000	\$ 10,000	\$ 148,900
4	101630	2	961	101	101	212,388	2,548,656	3,407	\$ 18.78	\$ 15,000	130	4	7080	118	4"	\$ 50,000	2	\$ 10,000	\$ 4,000	\$ 64,000
5	101620	2	1037	45	45	335,852	4,030,224	5,388	\$ 4.64	\$ 15,000						\$ 15,000	2	\$ 5,000	\$ 5,000	\$ 25,000
6	115476	1	1187	129	129	253,780	3,045,360	4,071	\$ 7.37							\$ 5,000	2	\$ 5,000	\$ 20,000	\$ 30,000
7	106109	1 1/2	1168	137	128	54,691	656,292	877	\$ 102.58	\$ 15,000	870	2	1823	30	2"	\$ 65,000	4	\$ 20,000	\$ 5,000	\$ 90,000
8	105991	2	1150	145	145	37,949	455,382	609	\$ 41.06	\$ 15,000	0		1265			\$ 15,000	2	\$ 5,000	\$ 5,000	\$ 25,000
9	122292	5/8	1243	104	104	17,959	215,506	288	\$ 208.25	\$ 15,000	0		599			\$ 50,000	2	\$ 5,000	\$ 5,000	\$ 60,000
Trilogy																				
Meter A	113101	2	1395			446930	5,363,160	7,170								\$ 70,000		\$ -		
Meter B	113103	2	1309			390045	4,680,540	6,257								\$ 170,000		\$ -		
	114564	2	1309			265870	3,190,440	4,265												
Meter C	113200	2	1287			105479	1,265,748	1,692								\$ 210,000		\$ -		
	101589	2	1287			175685	2,108,220	2,818												
	114089	2	1287			180910	2,170,920	2,902												
						18,779,028	25,106	\$ 18.52		\$ 450,000							\$ -	\$ 15,000	\$ 465,000	
Total						47,699,789	63,770	\$ 31.73								\$ 1,636,100		\$ 248,000	\$ 139,000	\$ 2,023,100

**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: 2022/23 Construction Phase: 2023/24		



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	\$108,000	\$108,000		
Environmental	\$0			
Construction	\$ 292,000		\$ 292,000	
District Administration & CM	\$ 20,000		\$ 20,000	
TOTAL COST	\$420,000	\$108,000	\$312,000	

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 1 Recycled Meter Conversion and Booster Pump Replacement

**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	<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>Features:</u> <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>Scheduling:</u> Design Phase: 2023/24 Construction Phase: 2024/25		
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD			



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	\$60,000		\$60,000	
Environmental	\$0			
Construction	\$585,200			\$585,200
District Administration & CM	\$50,000			\$50,000
TOTAL COST	\$695,200		\$60,000	\$635,200

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 agricultu 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: 2022/23 Construction Phase: 2023/24	

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	\$30,000	\$30,000		
Environmental	\$0			
Construction	\$108,900		\$108,900	
District Administration & CM	\$10,000		\$10,000	
TOTAL COST	\$148,900	\$30,000	\$118,900	

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 agricultural 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: 2022/23 Construction Phase: 2022/23		



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			

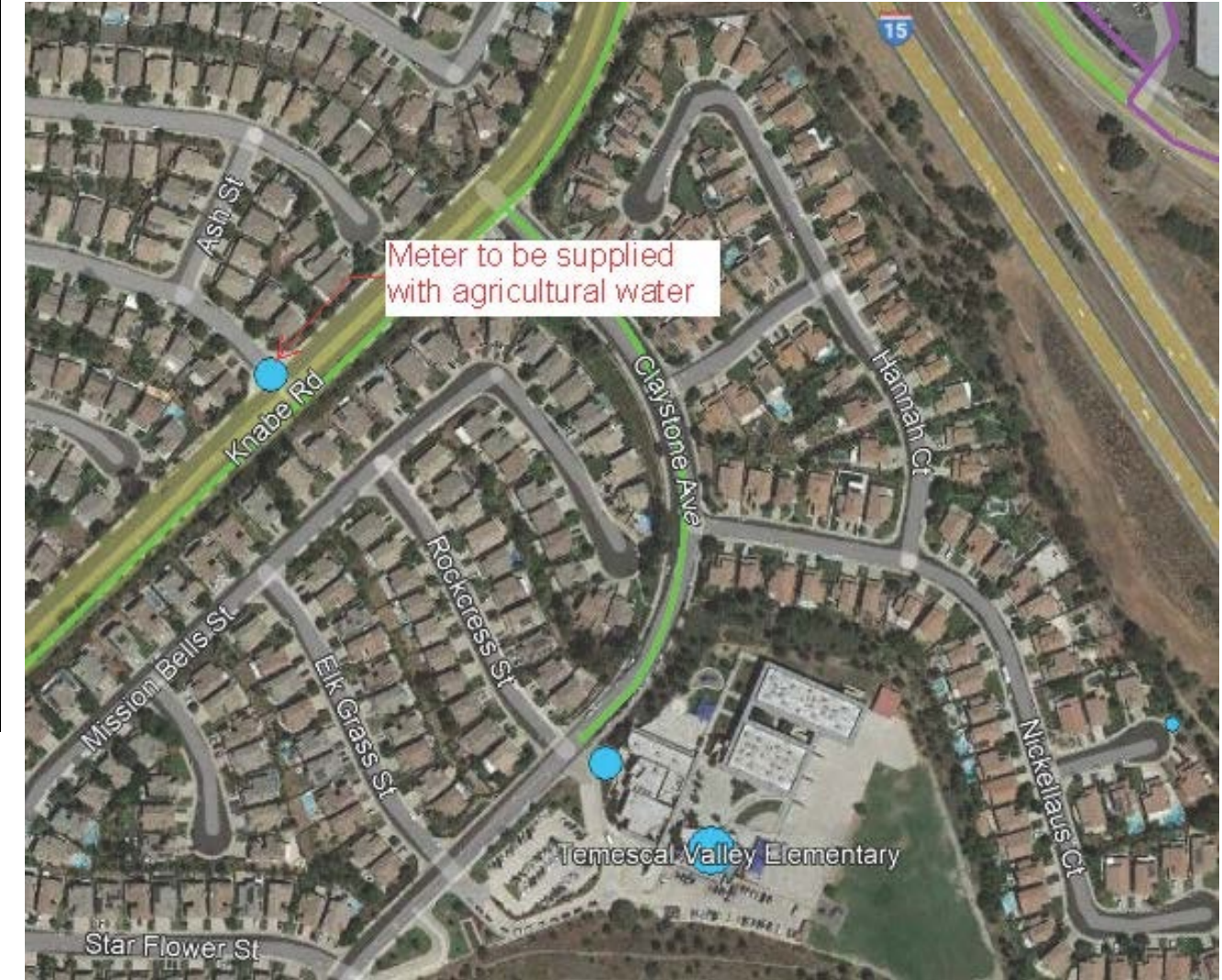
COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$10,000	\$10,000		
Environmental	\$0			
Construction	\$50,000	\$50,000		
District Administration & CM	\$4,000	\$4,000		
TOTAL COST	\$64,000	\$64,000		

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> 5	<u>CIP/CRP ID:</u> TBD
<u>Project Title:</u> Wildrose Ranch HOA Irrigation Conversion	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD
<u>Project Description:</u> Installation of a new agricultural water service to the HOA irrigation meter along Knabe Road	<u>Justification:</u> This HOA meter is currently using approx. 4 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 a new service will be provided within Knabe road to the existing meter.	
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: 2022/23 Construction Phase: 2022/23	

Location:



Project 5 Temescal Valley Elementary School Yard Ag. Water Conversion

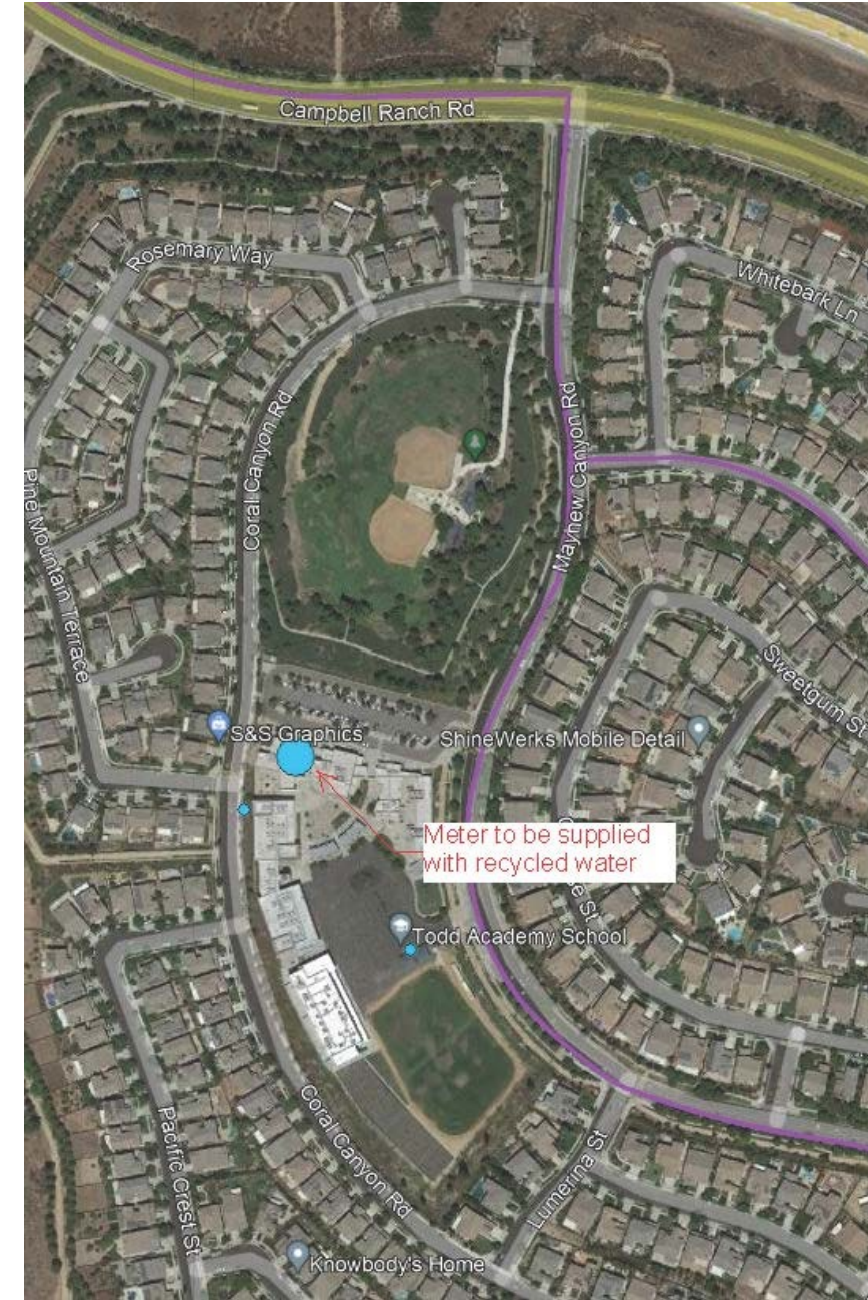
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

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

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> 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. 3 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: 2022/23 Construction Phase: 2022/23		



Project 6 Todd Academy School Yard Recycled Water Conversion

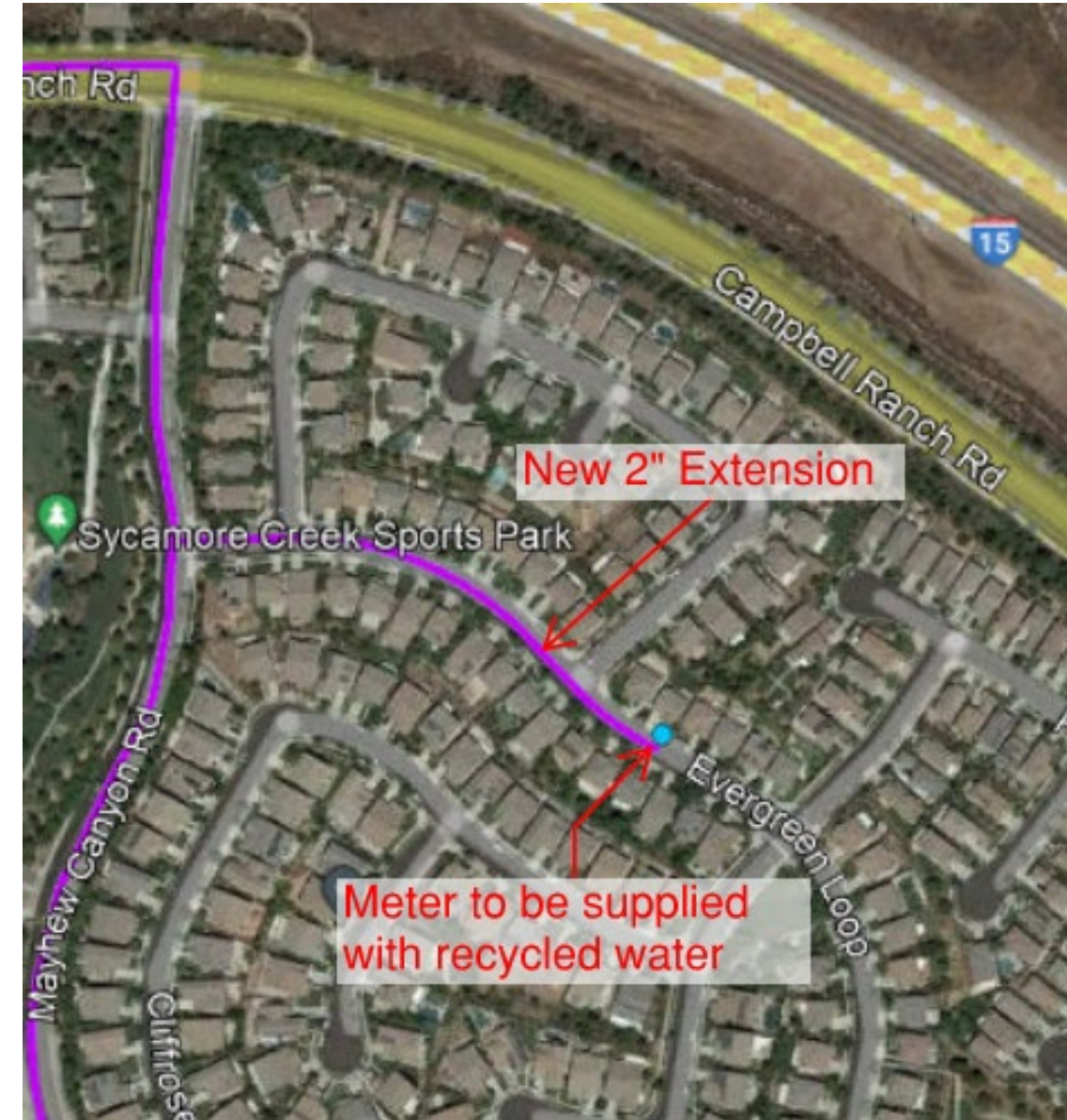
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$5,000	\$5,000		
Environmental	\$0			
Construction	\$5,000	\$5,000		
District Administration & CM	\$20,000	\$20,000		
TOTAL COST	\$30,000	\$30,000		

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> 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. 650,000 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: 2022/23 Construction Phase: 2022/23		



Project 7 Sycamore Creek Community Park Recycled Conversion

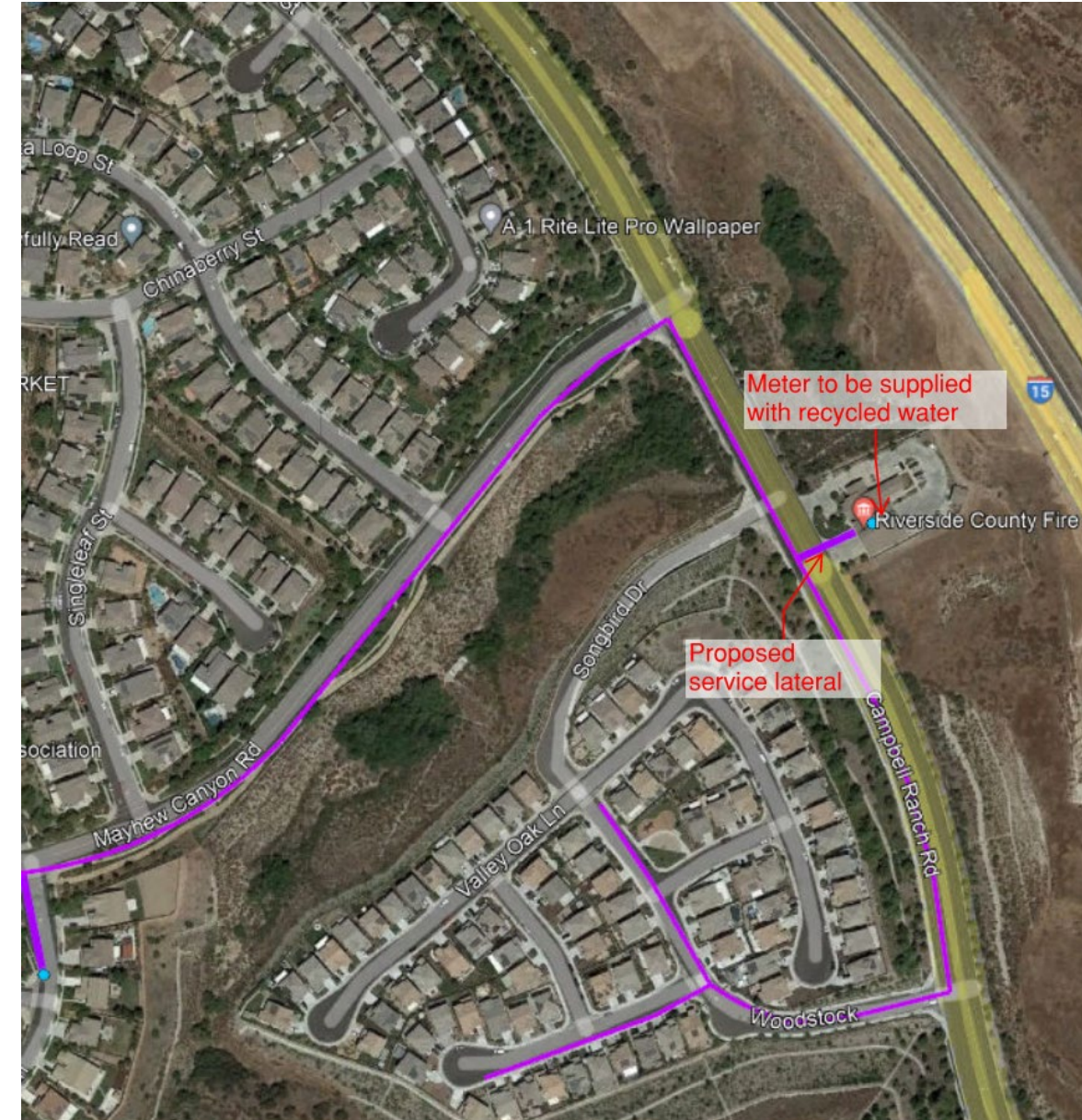
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$20,000	\$20,000		
Environmental	\$0			
Construction	\$65,000	\$65,000		
District Administration & CM	\$5,000	\$5,000		
TOTAL COST	\$90,000	\$90,000		

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: 2022/23 Construction Phase: 2022/23		



Project 8 Sycamore Creek Fire Station Recycled Conversion

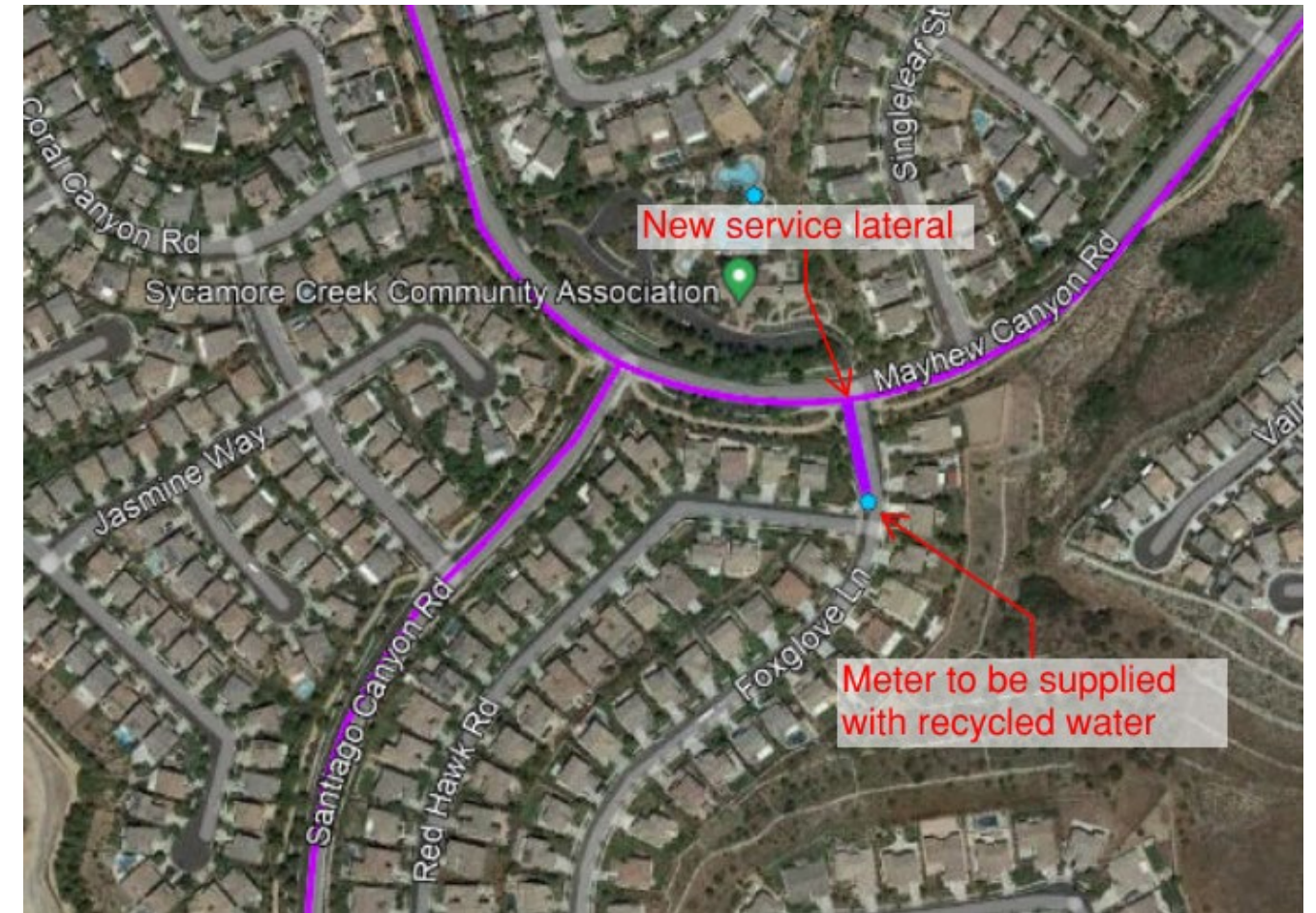
FUNDING	TOTAL FUNDING	FY 2022/23 BUDGET	FY 2023/24 BUDGET	FY 2024/25 BUDGET
Fund XXX	TBD			
Imp. Bond	TBD			
Fund XXX	TBD			
TOTAL FUNDING	TBD			

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	\$5,000		
Environmental	\$0			
Construction	\$15,000	\$15,000		
District Administration & CM	\$5,000	\$5,000		
TOTAL COST	\$25,000	\$25,000		

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> 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: 2022/23 Construction Phase: 2022/23		



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			

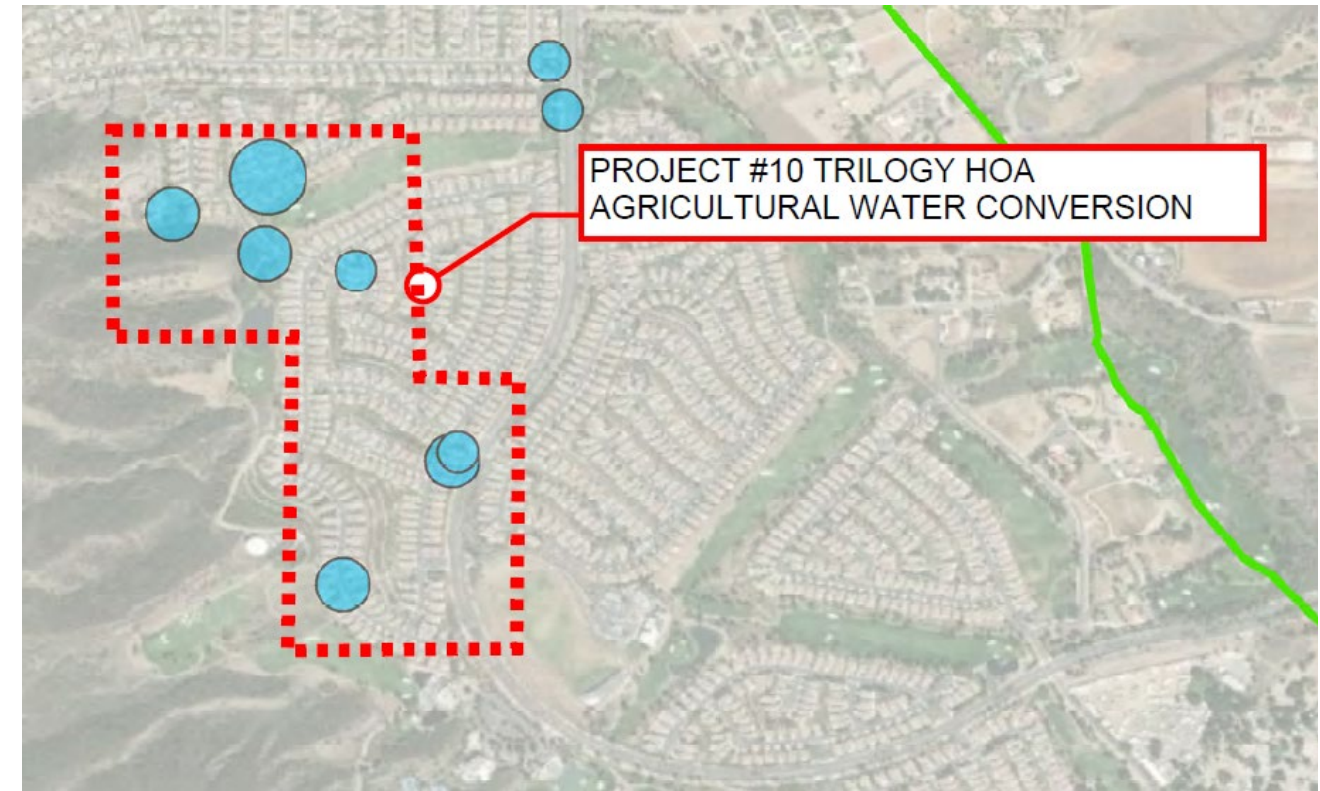
COST BREAKDOWN	TOTAL COST	FY 2022/23 PROJECTED EXPENSES	FY 2023/24 PROJECTED EXPENSES	FY 2024/25 PROJECTED EXPENSES
Land Acquisition	\$0			
Design	\$5,000	\$5,000		
Environmental	\$0			
Construction	\$50,000	\$50,000		
District Administration & CM	\$5,000	\$5,000		
TOTAL COST	\$60,000	\$60,000		

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> 10	<u>CIP/CRP ID:</u> TBD
<u>Project Title:</u> Trilogy HOA Agricultural Water Conversion	<u>Department:</u> Engineering	<u>Project Manager:</u> TBD
<u>Project Description:</u> Conversion of the existing potable water supplied tree and landscape irrigation meters to agricultural water. Features: <ul style="list-style-type: none"> Installation of new supply pipelines and service laterals throughout the community to connect the existing golf course agricultural system to the existing potable water meters which currently service the HOA trees and landscaping. 	<u>Justification:</u> The Trilogy HOA is currently using approx. 18,800,000 gallons per year of potable water as their irrigation supply for landscaping. Conversion of this system to recycled water will eliminate this potable water demand. In order to achieve this waterline extensions and service laterals will have to be installed throughout the community to connect the existing HOA irrigation system to the golf course's agricultural water system. This design has already been completed by the HOA and only needs to be bid and constructed.	
<u>Budget Impact:</u> Fund XXX: TBD Fund XXX: TBD Imp. Bond: TBD	<u>Scheduling:</u> Design Phase: Completed Construction Phase: 2023/2024	

Location:



Project 10 Trilogy HOA Irrigation 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	\$0			
Environmental	\$0			
Construction	\$450,000		\$450,000	
District Administration & CM	\$15,000		\$15,000	
TOTAL COST	\$465,000		\$465,000	

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.