

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
AUGUST 23, 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 August 20, 2022.

Allison Harnden, Office Manager

AGENDA FOR REGULAR MEETING
August 23, 2022

Page No.

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

BOARD ITEMS:

4. **Minutes of the July 26, 2022 Regular Meeting.** **6-10**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **11-15**
RECOMMENDATION: Approve Report and authorize payment of the July 26-August 23, 2022 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** **16-33**
 - a. Revenue & Expenditure Reports.**RECOMMENDATION:** Note and file.
7. **Trilogy Development.**
 - a. Homeowners Association update. (-)
 - b. Golf Course update. (-)
8. **Retreat Development.** (-)
 - a. Project Update.
9. **Terramor Development (Forestar Toscana).**
 - a. Project Update. (-)
 - b. 1487 homes to be built. 971 houses occupied to date. 65% complete.

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10. Sycamore Highlands Development.	(-)
a. Project Update.	
b. 79 homes to be built. 0 houses occupied to date.	
11. Taylor Morris Development. (Temescal Office Partner)	(-)
a. Project Update.	
b. 80 homes to be built. 0 houses occupied to date.	
12. Water Utilization Reports.	34-46
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) – Agenda 8-11-22.	47
c. Public Relations (Allison Harnden).	
1. Update on Payment Arrangements for Delinquent Accounts.	(-)
15. General Manager’s Report.	
a. General Manager’s Report.	48-49
b. Storage Building CIP Project G-2-2021.	50-59
RECOMMENDATION: Approve the building quote from SteelWood Construction in the amount of \$313,408.62 and authorize the General Manager to construct the building and complete the interior for storage.	
c. Sludge Processing Facility Study CIP Project S-1-2021.	60-63
RECOMMENDATION: Approval the proposal from Dudek in the not-to-exceed amount of \$80,000.	

	<u>Page No.</u>
d. IB Consulting 5 year Business plan & Rate study - Update and Schedule.	(-)
e. Conservation update.	64-90
16. Operations Report.	91-93
a. Water and Sewer Operations.	
17. District Engineer's Report.	
a. Status of Projects.	94-95
18. District Counsel's Report.	(-)
19. Seminars/Workshops.	(-)
20. Consideration of Correspondence.	96
An informational package containing copies of all pertinent correspondence for the Month of July will be distributed to each Director along with the Agenda.	
21. Adjournment.	(-)

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

July 26, 2022

PRESENT

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

ABSENT

GUESTS

T. Davis
P. Rodriguez

STAFF

J. Pape
A. Harnden
M. McCullough
J. Scheidel
P. Bishop
D. Saunders

1. Roll Call and Call to Order.

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

2. Presentations and Acknowledgments.

a. Resolution of Appreciation – Paul Rodriguez.

ACTION: Director Myers moved to Adopt the Resolution of Appreciation for Paul Rodriguez. Director Butler seconded. Motion carried unanimously.

3. Public Comment.

BOARD ITEMS:

4. Minutes of the June 28, 2022 Regular Meeting.

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

5. Payment Authorization Report.

ACTION: Director Harich moved to approve the June 28-July 26, 2022 invoices. Director Myers seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: Note and file.

b. Bad Debt Write-off.

ACTION: Director Myers moved to authorize the write-off of \$7,433.88 in delinquent accounts. Director Harich seconded. Motion carried unanimously.

7. Annual Meeting of the TVWD Financing Corporation.

I. President Colladay called the meeting to order at 9:40 a.m.

II. Report on status of projects – None.

III. Approval of July 27, 2021 meeting minutes.

ACTION: Director Harich moved to approve the minutes as presented. Director Buckley seconded. Motion carried unanimously.

IV. Appointment of new officers.

ACTION: Director Butler moved to mirror the positions of the TVWD Board. Director Buckley seconded. Motion carried unanimously.

V. Public Comment – None.

VI. Other Business – None.

VII. President Colladay adjourned the TVWD Financing Corporation meeting at 9:43 a.m.

8. Public Hearing on FY 2022/23 Budget for CFD's 1, 2, 3 & 4 and Fees & Charges to be collected on the General Tax Roll.

a. Director Colladay opened the Public Hearing at 9:43 a.m.

b. Public Comment – None.

c. Discussion of budgets, fees and charges.

d. Director Colladay closed the Public Hearing at 9:47 a.m.

e. Resolution No. R-22-04 Adopting the Report Regarding Water and Sewer Service Standby Charges for FY 2022/23 to be collected on the tax roll.

ACTION: Director Myers moved to adopt Resolution No. R-22-04. Director Buckley seconded. Motion carried unanimously.

f. Resolution No. R-22-05 Adopting Current Standby Rate Schedule for Fiscal Year 2022/23.

ACTION: Director Buckley moved to adopt Resolution No. R-22-05. Director Harich seconded. Motion carried unanimously.

g. Resolution No. R-22-06 Adopting the FY 2022/23 budgets as presented for CFD's 1, 2, 3 & 4.

ACTION: Director Harich moved to adopt Resolution No. R-22-06. Director Buckley seconded. Motion carried unanimously.

- h. Resolution No. R-22-07 Levying a Charge for the Payment of Maintenance and Operation Expenses for Sewer Treatment Plant Serving Sewer Improvement District No. 1 for FY 2022/23.

ACTION: Director Harich moved to adopt Resolution No. R-22-07. Director Buckley seconded. Motion carried unanimously.

- i. Resolution No. R-22-08 Levying a Charge for the Payment of Maintenance and Operation Expenses for Sewer Treatment Plant Serving Sewer Improvement District No. 2 for FY 2022/23.

ACTION: Director Harich moved to adopt Resolution No. R-22-08. Director Buckley seconded. Motion carried unanimously.

- j. Resolution No. R-22-09 Authorizing the Levy of Special Taxes for CFD No. 1, Sycamore Creek, for Fiscal Year 2022/23.

ACTION: Director Harich moved to adopt Resolution No. R-22-09. Director Buckley seconded. Motion carried unanimously.

- k. Resolution No. R-22-10 Authorizing the Levy of Special Taxes for CFD No. 2, Montecito Ranch, for Fiscal Year 2022/23.

ACTION: Director Harich moved to adopt Resolution No. R-22-10. Director Buckley seconded. Motion carried unanimously.

- l. Resolution No. R-22-11 Authorizing the Levy of Special Taxes for CFD No. 3, The Retreat, for Fiscal Year 2022/23.

ACTION: Director Harich moved to adopt Resolution No. R-22-11. Director Buckley seconded. Motion carried unanimously.

- m. Resolution No. R-22-12 Authorizing the Levy of Special Taxes for CFD No. 4, Terramor, Improvement Area No. 1 for Fiscal Year 2022/23.

ACTION: Director Harich moved to adopt Resolution No. R-22-12. Director Buckley seconded. Motion carried unanimously.

- n. Resolution No. R-22-13 Authorizing the Levy of Special Taxes for CFD No. 4, Terramor, Improvement Area No. 2 for Fiscal Year 2022/23.

ACTION: Director Harich moved to adopt Resolution No. R-22-13. Director Buckley seconded. Motion carried unanimously.

9. Trilogy Development.

- a. Homeowners Association update.

- b. Golf Course update.

10. Retreat Development.

- a. Project Update.

11. **Terramor Development (Forestar Toscana).**
 - a. Project Update.
 - b. 1443 homes to be built. 967 houses occupied to date. 67% complete.
12. **Kiley Property Development.**
 - a. Project Update.
 - b. 79 houses to be built. 0 houses occupied to date.
13. **Water Utilization Reports.**

ACTION: Note and file.
14. **Sustainable Groundwater Management Act.**
 - a. Project Update.
15. **Committee Reports.**
 - a. Finance/Legislative (Director Harich).
 - b. Engineering/Operations (Director Myers) – 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. She also reported that the Stage II-Water Alert newsletter was mailed to customers and that it is available on our website.
16. **General Manager’s Report.**
 - a. General Manager’s Report – The General Manager reported on current projects.
 - b. Conservation update.
17. **Operations Report.**
 - a. Water and sewer operations.
18. **District Engineer’s Report.**
 - a. Status of Projects.

19. District Counsel’s Report – None.

20. Seminars/Workshops.

21. Consideration of Correspondence.

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

22. Adjournment.

There being no further business, the July 26, 2022 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 10:51 a.m. by President Colladay.

ATTEST:

APPROVED:

Fred Myers, Secretary

Charles Colladay, President

Date: _____

Date: _____

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

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			12,173,217
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,715,825
Water & Sewer Mains			30,160,356
General Equipment Sewer/Water/ Furniture			1,527,870
Buildings & Entrance Improvements			231,322
			\$ 67,214,346
Current Assets			
Cash - Wastewater	\$ 7,144,329		
Cash - Water		16,889,161	
Cash - ID #1		614,492	
Cash - ID #2		327,572	
Cash - Nonpotable		6,778,995	
Cash - Deposits		2,161,509	33,916,058
Accounts Receivable-Services/Developers			1,939,217
Assessment Receivable			118,341
Interest Receivable			18,314
Prepaid Expenses			67,501
Inventory			83,577
			\$ 36,143,007
Other Assets			
Work-in-Process			8,306,622
Deferred Outflows - Pension			164,014
TOTAL ASSETS			\$ 111,827,989

LIABILITIES

Current Liabilities			
Accounts Payable		\$	827,227
Security Deposits			250,365
Payroll & Payroll Taxes Payable			95,068
Capacity & Meter Deposits			1,436,313
Fiduciary Payments Payable			107,165
Developer Deposits			366,663
Other Deposits			1,003
			3,083,804
Long-term Liabilities			
TVRP Note			386,731
Deferred Inflows - Pension			140,674
TOTAL LIABILITIES			\$ 3,611,209

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			39,412,072
Water Fund Balance			52,922,276
ID #1 Fund Balance			663,296
ID #2 Fund Balance			577,881
Recycled Water Fund Balance			14,641,255
TOTAL FUND EQUITY			\$ 108,216,781
TOTAL LIABILITIES & FUND EQUITY			\$ 111,827,989

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	\$ 243,250.00	\$ 250,000	(6,750)	\$ 243,250	\$ 250,000	(6,750)	\$ 3,000,000	\$ (2,756,750)
MONTHLY SERVICE CHARGE-ID #1	11,764	12,000	(236)	11,764	12,000	(236)	145,000	(133,236)
MONTHLY SERVICE CHARGE-ID #2	13,307	13,700	(393)	13,307	13,700	(393)	164,000	(150,693)
MONTHLY SEWER SERVICE CHG-R COM	17,127	15,800	1,327	17,127	15,800	1,327	190,000	(172,873)
MISC UTILITY CHARGES/ REVENUE	4,963	4,170	793	4,963	4,170	793	50,000	(45,037)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	-	2,500	(2,500)	-	2,500	(2,500)	30,000	(30,000)
TOTAL WASTEWATER REVENUE	290,411	298,170	(7,759)	290,411	298,170	(7,759)	3,719,000	(3,428,589)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	11,768	16,425	(4,657)	11,768	16,425	(4,657)	213,500	(201,732)
WAGES EXPENSE-INSPECTION	2,984	3,000	(16)	2,984	3,000	(16)	38,800	(35,816)
PAYROLL TAXES EXP	255	360	(105)	255	360	(105)	4,600	(4,345)
EMPLOYEE BENEFITS-INS	1,197	2,045	(848)	1,197	2,045	(848)	24,500	(23,303)
EMPLOYEE BENEFITS-RETIREMENT	2,705	2,820	(115)	2,705	2,820	(115)	33,800	(31,095)
OVERTIME OPERATION EXP	1,154	2,700	(1,546)	1,154	2,700	(1,546)	35,200	(34,046)
OVERTIME INSPECTION EXP	489	300	189	489	300	189	4,000	(3,511)
MILEAGE EXP	397	250	147	397	250	147	3,000	(2,603)
VACATION EXP	929	1,110	(181)	929	1,110	(181)	13,320	(12,391)
SCADA SYSTEM STANDBY EXP	-	350	(350)	-	350	(350)	4,200	(4,200)
SCADA SYSTEM ADMIN/MAINT	-	700	(700)	-	700	(700)	8,000	(8,000)
LABORATORY TESTING COSTS	-	1,670	(1,670)	-	1,670	(1,670)	20,000	(20,000)
COMPLIANCE TESTING	-	-	-	-	-	-	1,000	(1,000)
VEHICLE TRUCK EXP	-	1,000	(1,000)	-	1,000	(1,000)	10,000	(10,000)
SEWER CLEANING AND VIDEO	1,975	2,200	(225)	1,975	2,200	(225)	26,000	(24,025)
PLANT PUMPING COST	-	2,000	(2,000)	-	2,000	(2,000)	25,000	(25,000)
SLUDGE DISPOSAL COSTS	939	3,000	(2,061)	939	3,000	(2,061)	35,000	(34,061)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	4,000	(4,000)	-	4,000	(4,000)	50,000	(50,000)
EQUIPMENT RENTAL COSTS	-	-	-	-	-	-	2,000	(2,000)
ELECTRICAL REPAIR EXP	-	400	(400)	-	400	(400)	5,000	(5,000)
EQUIPMENT REPAIRS & MAINT	18,422	22,500	(4,078)	18,422	22,500	(4,078)	270,000	(251,578)
SEWER LINE/EMERGENCY REPAIRS	-	-	-	-	-	-	15,000	(15,000)
SECURITY AND ALARM EXP	-	250	(250)	-	250	(250)	3,000	(3,000)
PROPERTY MAINTENANCE	5,025	3,750	1,275	5,025	3,750	1,275	45,000	(39,975)
EMERGENCY SERVICE COST	-	-	-	-	-	-	2,000	(2,000)
ENGINEERING/ADMIN. STUDIES	-	2,000	(2,000)	-	2,000	(2,000)	25,000	(25,000)
ENERGY COSTS-	30,131	29,000	1,131	30,131	29,000	1,131	352,000	(321,869)
CONSUMABLE SUPPLIES & CLEANING	1,257	900	357	1,257	900	357	10,000	(8,743)
CHEMICALS, LUBRICANTS & FUELS	27,210	10,000	17,210	27,210	10,000	17,210	120,000	(92,790)
SMALL EQUIPMENT & TOOLS COST	203	900	(697)	203	900	(697)	10,000	(9,797)
PERMITS, FEES & TAXES (WTR BRD FEE)	4,359	3,000	1,359	4,359	3,000	1,359	30,000	(25,641)
SAWPA BASIN MONITORING EXP	30,318	30,000	318	30,318	30,000	318	30,000	318
MAP UPDATING/GIS EXP	-	-	-	-	-	-	2,000	(2,000)
MISC. OPERATING EXP	-	-	-	-	-	-	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	5,000	(5,000)
CONTINGENCIES	-	5,250	(5,250)	-	5,250	(5,250)	63,000	(63,000)
TOTAL OPERATING EXPENSES	141,717	151,880	(10,163)	141,717	151,880	(10,163)	1,564,920	(1,423,203)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	8,560	8,950	(390)	8,560	8,950	(390)	116,000	(107,440)
GENERAL ENGINEERING EXP	2,083	1,700	383	2,083	1,700	383	20,000	(17,917)
EMPLOYEE BENEFITS-INS	1,225	1,850	(625)	1,225	1,850	(625)	22,100	(20,875)
EMPLOYEE BENEFITS-RETIREMENT	2,495	2,470	25	2,495	2,470	25	32,100	(29,605)
WAGES EXPENSE	12,673	16,400	(3,727)	12,673	16,400	(3,727)	213,000	(200,327)
VACATION EXP	1,074	1,180	(106)	1,074	1,180	(106)	14,200	(13,126)
PAYROLL TAX EXPENSES	221	260	(39)	221	260	(39)	3,350	(3,129)
OVERTIME EXP	-	500	(500)	-	500	(500)	6,000	(6,000)
MILEAGE EXP ADMIN	-	25	(25)	-	25	(25)	250	(250)
CONTRACT STAFFING EXP	-	-	-	-	-	-	4,000	(4,000)
LEGAL EXPENSES	385	1,250	(865)	385	1,250	(865)	15,000	(14,615)
AUDIT EXPENSES	-	-	-	-	-	-	6,100	(6,100)
BOARD COMMITTEE MEETING EXP.	622	1,250	(628)	622	1,250	(628)	15,000	(14,378)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	8,400	(8,400)
COMPUTER SYSTEM ADMIN	4,596	4,000	596	4,596	4,000	596	48,000	(43,404)
BANK CHARGES EXP	3,050	3,000	50	3,050	3,000	50	36,000	(32,950)
MISCELLANEOUS & EDUCATION EXP	187	200	(13)	187	200	(13)	2,000	(1,813)
TELEPHONE, FAX & CELL EXP	1,399	1,350	49	1,399	1,350	49	16,000	(14,601)
OFFICE SUPPLIES EXP	2,887	2,000	887	2,887	2,000	887	24,000	(21,113)
PRINTING EXPENSES	3,473	550	2,923	3,473	550	2,923	6,500	(3,027)
POSTAGE & DELIVERY EXPENSE	1,057	1,000	57	1,057	1,000	57	13,000	(11,943)
PUBLICATIONS, NOTICES & DUES	-	170	(170)	-	170	(170)	2,000	(2,000)
EQUIPMENT LEASE EXPENSES	813	670	143	813	670	143	8,000	(7,187)
INSURANCE EXPENSES	1,644	3,200	(1,556)	1,644	3,200	(1,556)	38,500	(36,856)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	4,600	(4,600)
COMMUNITY OUTREACH EXP	293	660	(367)	293	660	(367)	8,000	(7,707)
INVESTMENT EXP	400	400	-	400	400	-	4,800	(4,400)
TOTAL ADMINISTRATIVE EXPENSES	49,137	53,035	(3,898)	49,137	53,035	(3,898)	686,900	(637,763)
TOTAL WASTEWATER EXPENSES	190,854	204,915	(14,061)	190,854	204,915	(14,061)	2,251,820	(2,060,966)
NET OPERATING REVENUE/EXPENSE	99,557	93,255	6,302	99,557	93,255	6,302	1,467,180	(1,367,623)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	3,592	1,250	2,342	3,592	1,250	2,342	15,000	(11,408)
PROPERTY TAX INCOME	395	-	395	395	-	395	75,000	(74,605)
TOTAL NON-OPER SOURCE OF FUNDS	3,987	1,250	2,737	3,987	1,250	2,737	90,000	(86,013)
TOTAL SEWER REVENUE/EXPENSE	\$ 103,544	94,505	9,039	\$ 103,544	94,505	9,039	\$ 1,557,180	(1,453,636)
TRANSFER TO CAPITAL FUND-REPLACEMENT				52,736				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				50,808				
CONNECTION FEES				-				
				-				
WASTE WATER CAPITAL FUND:								
ENDING FUNDS AVAILABLE 2020-2021	7,335,067							
TRANSFER FOR CAPITAL FUND REPLACEMENT	52,736							
TRANSFER FOR CAPITAL IMPROVEMENTS	50,808							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(36,603)							
TOTAL FUNDS AVAILABLE	7,402,008							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

WATER DEPARTMENT

OPERATING REVENUE:

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	-	REMAINING
WATER SERVICE CHARGE	162,517	162,920	(403)	162,517	162,920	(403)	1,955,000	(1,792,483)
WATER USAGE CHARGES	580,705	562,000	18,705	580,705	562,000	18,705	5,618,000	(5,037,295)
WATER PUMPING CHARGE	24,429	22,500	1,929	24,429	22,500	1,929	225,000	(200,571)
FIRE PROTECTION CHARGES	3,343	3,600	(257)	3,343	3,600	(257)	43,000	(39,657)
MISC. UTILITY CHARGES	5,141	3,350	1,791	5,141	3,350	1,791	40,000	(34,859)
SERVICE METER INCOME	1,200	5,000	(3,800)	1,200	5,000	(3,800)	60,000	(58,800)
CELLULAR SITE LEASE	9,808	6,330	3,478	9,808	6,330	3,478	76,000	(66,192)
MWD READINESS TO SERVE CHARGE	10,942	13,500	(2,558)	10,942	13,500	(2,558)	162,000	(151,058)
STANDBY CHARGES	-	-	-	-	-	-	40,000	(40,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	-	2,500	(2,500)	-	2,500	(2,500)	30,000	(30,000)
TOTAL WATER REVENUE	798,085	781,700	16,385	798,085	781,700	16,385	8,279,000	(7,480,915)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	33,800	REMAINING
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	10,298	14,400	(4,102)	10,298	14,400	(4,102)	187,000	(176,702)
WAGES EXPENSE-INSPECTION	4,154	4,000	154	4,154	4,000	154	34,000	(29,846)
PAYROLL TAXES EXP	223	300	(77)	223	300	(77)	4,000	(3,777)
EMPLOYEE BENEFITS-INS	781	1,800	(1,019)	781	1,800	(1,019)	21,450	(20,669)
EMPLOYEE BENEFITS-RETIREMENT	2,127	2,280	(153)	2,127	2,280	(153)	29,600	(27,473)
OPERATION-MILEAGE EXP	-	125	(125)	-	125	(125)	1,500	(1,500)
OVERTIME EXPENSE OPER/ ON CALL	767	780	(13)	767	780	(13)	10,200	(9,433)
OVERTIME EXP INSPECTION	-	260	(260)	-	260	(260)	3,300	(3,300)
OVERTIME CROSS CONNECTION EXP	968	1,600	(632)	968	1,600	(632)	20,800	(19,832)
SCADA SYSTEM STANDBY EXP	200	280	(80)	200	280	(80)	3,640	(3,440)
VACATION EXP	813	975	(162)	813	975	(162)	11,700	(10,887)
CONTRACT STAFFING-METER READS	-	6,500	(6,500)	-	6,500	(6,500)	78,000	(78,000)
SCADA SYSTEM ADMIN/MAINT	-	850	(850)	-	850	(850)	10,000	(10,000)
LABORATORY TESTING COSTS	-	1,000	(1,000)	-	1,000	(1,000)	13,000	(13,000)
COMPLIANCE TESTING	-	1,300	(1,300)	-	1,300	(1,300)	15,500	(15,500)
LEAK DETECTION EXPENSE	-	-	-	-	-	-	8,000	(8,000)
EPA WATER TESTING EXP	-	-	-	-	-	-	8,500	(8,500)
EQUIPMENT RENTAL COSTS	574	200	374	574	200	374	2,000	(1,426)
EQUIPMENT REPAIRS & MAINT.	7,136	6,700	436	7,136	6,700	436	80,000	(72,864)
WATER LINE REPAIRS	-	-	-	-	-	-	40,000	(40,000)
ALARM MONITORING COSTS	-	275	(275)	-	275	(275)	3,300	(3,300)
EMERGENCY SERVICE COST	-	125	(125)	-	125	(125)	1,500	(1,500)
PROPERTY MAINTENANCE	-	500	(500)	-	500	(500)	5,000	(5,000)
ENGINEERING/ADMIN. STUDIES	-	650	(650)	-	650	(650)	8,000	(8,000)
PLAN CHECK EXPENSE (TVWD)	-	850	(850)	-	850	(850)	10,000	(10,000)
ENERGY COSTS	20,766	19,350	1,416	20,766	19,350	1,416	195,000	(174,234)
CONSUMABLE SUPPLIES & CLEANING	-	250	(250)	-	250	(250)	3,200	(3,200)
CHEMICALS, LUBRICANTS & FUELS	489	830	(341)	489	830	(341)	10,000	(9,511)
SMALL EQUIPMENT & TOOLS COST	-	420	(420)	-	420	(420)	5,000	(5,000)
PERMITS, FEES & TAXES	-	2,100	(2,100)	-	2,100	(2,100)	25,000	(25,000)
MAP UPDATING/GIS EXP	-	500	(500)	-	500	(500)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	648	6,000	(5,352)	648	6,000	(5,352)	71,000	(70,352)
WHOLESALE WATER PURCHASES	458,557	502,000	(43,443)	458,557	502,000	(43,443)	5,020,000	(4,561,443)
WATER-MWD CAPACITY CHARGE	5,083	5,500	(417)	5,083	5,500	(417)	66,000	(60,917)
WATER-READINESS TO SERVE/REFUSAL CHARGE	11,823	13,500	(1,677)	11,823	13,500	(1,677)	162,000	(150,177)
WMWD-MGLMR EXP	-	-	-	-	-	-	185,000	(185,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	10,000	(10,000)
CONSERVATION REBATE EXP	-	500	(500)	-	500	(500)	5,000	(5,000)
CONTINGENCIES	-	4,700	(4,700)	-	4,700	(4,700)	56,000	(56,000)
TOTAL OPERATING EXPENSES	525,407	601,400	(75,993)	525,407	601,400	(75,993)	6,428,190	(5,902,783)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	7,490	7,850	(360)	7,490	7,850	(360)	102,000	(94,510)
GENERAL ENGINEERING EXP	4,692	1,850	2,842	4,692	1,850	2,842	22,000	(17,308)
EMPLOYEE BENEFITS-INS	1,081	1,620	(539)	1,081	1,620	(539)	19,400	(18,319)
EMPLOYEE BENEFITS-RETIREMENT	2,365	2,165	200	2,365	2,165	200	28,100	(25,735)
WAGES EXPENSE	12,770	14,350	(1,580)	12,770	14,350	(1,580)	186,400	(173,630)
VACATION EXP	940	1,000	(60)	940	1,000	(60)	12,400	(11,460)
MILEAGE EXP ADMIN	-	-	-	-	-	-	500	(500)
OVERTIME EXPENSE	-	150	(150)	-	150	(150)	2,000	(2,000)
PAYROLL TAX EXPENSES	193	230	(37)	193	230	(37)	3,000	(2,807)
CONTRACT STAFFING-OFFICE	-	-	-	-	-	-	3,500	(3,500)
LEGAL EXPENSES	337	1,000	(663)	337	1,000	(663)	12,000	(11,663)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	544	1,100	(556)	544	1,100	(556)	13,000	(12,456)
COMPUTER SYSTEM EXP	4,022	2,500	1,522	4,022	2,500	1,522	30,000	(25,978)
BANK CHARGES EXP	2,669	2,700	(31)	2,669	2,700	(31)	32,500	(29,831)
MISCELLANEOUS & EDUCATION EXP	-	400	(400)	-	400	(400)	4,000	(4,000)
TELEPHONE EXP	1,453	1,100	353	1,453	1,100	353	13,000	(11,547)
OFFICE SUPPLIES EXP	2,538	1,450	1,088	2,538	1,450	1,088	17,000	(14,462)
PRINTING EXPENSES	3,309	-	3,309	3,309	-	3,309	5,500	(2,191)
POSTAGE & DELIVERY EXPENSE	896	1,000	(104)	896	1,000	(104)	11,500	(10,604)
PUBLICATIONS, NOTICES & DUES	-	200	(200)	-	200	(200)	2,500	(2,500)
EQUIPMENT LEASE EXPENSES	710	600	110	710	600	110	7,000	(6,290)
INSURANCE EXPENSES	1,440	2,850	(1,410)	1,440	2,850	(1,410)	34,000	(32,560)
INVESTMENT EXPENSE	350	375	(25)	350	375	(25)	4,500	(4,150)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	4,500	(4,500)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	7,350	(7,350)
COMMUNITY OUT REACH EXP	-	-	-	-	-	-	15,000	(15,000)
TOTAL ADMINISTRATIVE EXPENSES	47,799	44,490	3,309	47,799	44,490	3,309	598,150	(550,351)
TOTAL WATER EXPENSES	573,206	645,890	(72,684)	573,206	645,890	(72,684)	7,026,340	(6,453,134)
NET OPERATING REVENUE/EXPENSE	224,879	135,810	89,069	224,879	135,810	89,069	1,252,660	(1,027,781)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	4,582	1,700	2,882	4,582	1,700	2,882	20,000	(15,418)
PROPERTY TAX INCOME	-	-	-	-	-	-	40,000	(40,000)
TOTAL NON-OP SOURCE OF FUNDS	4,582	1,700	2,882	4,582	1,700	2,882	60,000	(55,418)
TOTAL REVENUE/EXPENSE	229,461	137,510	91,951	229,461	137,510	91,951	1,312,660	(1,083,199)
TRANSFER TO CAPITAL FUND-REPLACEMENT				47,449				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				182,012				
CONNECTION FEES				-				
CAPACITY USAGE INCOME				-				
LONG TERM DEBT REDUCTION				-				
WATER CAPITAL FUND:								
ENDING FUNDS AVAILABLE 2020-2021	17,840,961							
TRANSFER FOR CAPITAL FUND REPLACEMENT	229,461							
TRANSFER FOR CAPITAL IMPROVEMENTS	47,449							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(28,025)							
TOTAL FUNDS AVAILABLE	18,089,846							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

	JULY			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#1 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	13,725	13,725	-	13,725	13,725	-	164,700	(150,975)
TOTAL ID #1 REVENUE	13,725	13,725	-	13,725	13,725	-	164,700	(150,975)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	11,764	12,000	(236)	11,764	12,000	(236)	145,000	(133,236)
TOTAL OPERATING COSTS	11,764	12,000	(236)	11,764	12,000	(236)	145,000	(133,236)
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)	11,764	12,000	(236)	148,000	(136,236)
NET OPERATING REVENUE/EXPENSE	1,961	1,725	236	1,961	1,725	236	16,700	(14,739)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME-LAIF	95	267	(172)	95	267	(172)	3,200	(3,105)
TOTAL NON-OPER SOURCE OF FUNDS	95	267	(172)	95	267	(172)	3,200	(3,105)
TOTAL REVENUE/EXPENSE	2,056	1,992	64	2,056	1,992	64	19,900	(17,844)
TRANSFER TO SINKING FUND FOR CAPACITY				2,056				
				-				
ID #1 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	612,436							
SINKING FUND FOR CAPACITY	2,056							
TOTAL FUNDS AVAILABLE	614,492							
	JULY			YEAR TO DATE			BUDGET 2022-2023	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#2 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	15,525	15,525	-	186,300	(170,775)
TOTAL ID #2 REVENUE	15,525	15,525	-	15,525	15,525	-	186,300	(170,775)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	13,307	13,650	(343)	13,307	13,650	(343)	164,000	(150,693)
TOTAL OPERATING COSTS	13,307	13,650	(343)	13,307	13,650	(343)	164,000	(150,693)
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)	13,307	13,650	(343)	167,000	(153,693)
NET OPERATING REVENUE/EXPENSE	2,218	1,875	343	2,218	1,875	343	19,300	(17,082)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	189	250	(61)	189	250	(61)	3,000	(2,811)
TOTAL NON-OPER SOURCE OF FUNDS	189	250	(61)	189	250	(61)	3,000	(2,811)
TOTAL REVENUE/EXPENSE	2,407	2,125	282	2,407	2,125	282	22,300	(19,893)
TRANSFER TO SINKING FUND FOR CAPACITY				2,407				
				-				
ID #2 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	325,165							
SINKING FUND FOR CAPACITY	2,407							
TOTAL FUNDS AVAILABLE	327,572							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
<u>NON-POTABLE WATER DEPARTMENT</u>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	274,493	252,000	22,493	274,493	252,000	22,493	2,100,000	(1,825,507)
RECYCLED/ NON-POT WATER FIXED CHARGE	23,744	24,600	(856)	23,744	24,600	(856)	295,000	(271,256)
RECYCLED/NON-POTABLE PUMPING CHARGE	9,985	8,520	1,465	9,985	8,520	1,465	71,000	(61,015)
MISC INCOME	-	1,000	(1,000)	-	1,000	(1,000)	11,500	(11,500)
INSPECTION REVENUE	-	1,500	(1,500)	-	1,500	(1,500)	18,000	(18,000)
TOTAL NON-POTABLE REVENUE	308,222	287,620	20,602	308,222	287,620	20,602	2,495,500	(2,187,278)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	7,356	10,300	(2,944)	7,356	10,300	(2,944)	133,500	(126,144)
WAGES EXPENSE-INSPECTION	1,865	1,900	(35)	1,865	1,900	(35)	24,300	(22,435)
PAYROLL TAXES EXP	160	223	(63)	160	223	(63)	2,900	(2,740)
EMPLOYEE BENEFITS-INS	557	1,275	(718)	557	1,275	(718)	15,300	(14,743)
EMPLOYEE BENEFITS-RETIREMENT	1,519	1,630	(111)	1,519	1,630	(111)	21,200	(19,681)
MILEAGE EXP	-	100	(100)	-	100	(100)	1,000	(1,000)
OVERTIME EXP OPER	1,027	560	467	1,027	560	467	7,250	(6,223)
OVERTIME EXP INSPECTION	-	200	(200)	-	200	(200)	2,450	(2,450)
OVERTIME CROSS CONNECTION	-	1,140	(1,140)	-	1,140	-	14,800	(14,800)
VACATION EXP	581	700	(119)	581	700	(119)	8,400	(7,819)
PLAN CHECK EXP (TVWD)	-	100	(100)	-	100	(100)	1,000	(1,000)
SCADA SYSTEM STANDBY EXP	-	220	(220)	-	220	(220)	2,600	(2,600)
SCADA SYS MAINTENANCE EXP	-	420	(420)	-	420	(420)	5,000	(5,000)
LABORATORY TESTING COSTS	1,809	850	959	1,809	850	959	10,000	(8,191)
EQUIPMENT REPAIRS & MAINT.	-	1,700	(1,700)	-	1,700	(1,700)	20,000	(20,000)
NONPOTABLE WATER LINE REPAIR	-	3,400	(3,400)	-	3,400	(3,400)	40,000	(40,000)
SECURITY AND ALARM EXP	-	100	(100)	-	100	(100)	1,000	(1,000)
PROPERTY MAINTENANCE	1,239	600	639	1,239	600	639	7,000	(5,761)
ENERGY COSTS	33,175	33,600	(425)	33,175	33,600	(425)	280,000	(246,825)
CONSUMABLE SUPPLIES EXP	-	100	(100)	-	100	(100)	1,500	(1,500)
CHEMICALS, LUBRICANTS & FUELS	239	420	(181)	239	420	(181)	5,000	(4,761)
PERMITS AND FEES EXP	-	1,000	(1,000)	-	1,000	(1,000)	11,000	(11,000)
SERVICE METERS AND PARTS COSTS	-	600	(600)	-	600	(600)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	-	-	-	-	-	4,000	(4,000)
MISC OPERATING EXP	-	50	(50)	-	50	(50)	500	(500)
BAD DEBT	-	-	-	-	-	-	2,000	(2,000)
CONTINGENCIES	-	2,000	(2,000)	-	2,000	(2,000)	25,000	(25,000)
TOTAL OPERATING EXPENSES	49,527	63,188	(13,661)	49,527	63,188	(12,521)	653,700	(604,173)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For One Month Ending July 31, 2022**

	JULY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2022-2023	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	5,350	5,620	(270)	5,350	5,620	(270)	73,000	(67,650)
GENERAL ENGINEERING	2,106	600	1,506	2,106	600	1,506	7,000	(4,894)
EMPLOYEE BENEFITS-INS	909	1,150	(241)	909	1,150	(241)	13,800	(12,891)
EMPLOYEE BENEFITS-RETIREMENT	1,690	1,675	15	1,690	1,675	15	20,100	(18,410)
WAGES EXPENSE	9,122	10,250	(1,128)	9,122	10,250	(1,128)	133,200	(124,078)
VACATION EXP	671	750	(79)	671	750	(79)	8,850	(8,179)
MILEAGE EXP	-	20	(20)	-	20	(20)	200	(200)
OVERTIME EXP	-	200	(200)	-	200	(200)	2,500	(2,500)
PAYROLL TAX EXPENSE	138	170	(32)	138	170	(32)	2,100	(1,962)
CONTRACT STAFFING OFFICE EXP	-	-	-	-	-	-	2,500	(2,500)
LEGAL EXPENSE	141	600	(459)	141	600	(459)	7,000	(6,859)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	389	750	(361)	389	750	(361)	9,000	(8,611)
ELECTION & PUBLIC HEARING EXP	-	450	(450)	-	450	(450)	5,000	(5,000)
COMPUTER SYSTEMS EXP	2,874	2,400	474	2,874	2,400	474	28,000	(25,126)
BANK CHARGES	1,905	2,000	(95)	1,905	2,000	(95)	23,000	(21,095)
MISC & EDUCATION EXP	-	100	(100)	-	100	(100)	1,000	(1,000)
TELEPHONE EXP	1,005	830	175	1,005	830	175	10,000	(8,995)
OFFICE SUPPLIES	308	650	(342)	308	650	(342)	8,000	(7,692)
PRINTING EXP	815	2,000	(1,185)	815	2,000	(1,185)	4,000	(3,185)
POSTAGE EXP	641	650	(9)	641	650	(9)	8,000	(7,359)
PUBLICATION EXP	-	100	(100)	-	100	(100)	1,000	(1,000)
EQUIPMENT LEASE EXP	507	330	177	507	330	177	4,000	(3,493)
INSURANCE EXPENSE	1,035	2,000	(965)	1,035	2,000	(965)	24,000	(22,965)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	3,000	(3,000)
INVESTMENT EXPENSE	250	250	-	250	250	-	3,000	(2,750)
COMMUNITY OUTREACH EXP	-	-	-	-	-	-	5,000	(5,000)
TOTAL ADMINISTRATIVE EXPENSES	<u>29,856</u>	<u>33,545</u>	<u>(3,689)</u>	<u>29,856</u>	<u>33,545</u>	<u>(3,689)</u>	<u>410,750</u>	<u>(380,894)</u>
TOTAL NON-POTABLE OPERATING EXPENSES	<u>79,383</u>	<u>96,733</u>	<u>(17,350)</u>	<u>79,383</u>	<u>96,733</u>	<u>(17,350)</u>	<u>1,064,450</u>	<u>(985,067)</u>
NET OPERATING REVENUE/EXPENSE	228,839	190,887	37,952	228,839	190,887	37,952	1,431,050	(1,202,211)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	1,052	1,000	52	1,052	1,000	52	12,000	(10,948)
TOTAL NON-OP SOURCE OF FUNDS	<u>1,052</u>		<u>38,004</u>	<u>1,052</u>	<u>1,000</u>	<u>52</u>	<u>12,000</u>	<u>(10,948)</u>
TOTAL REVENUE/EXPENSE	229,891	190,887	39,004	229,891	191,887	38,004	1,443,050	(1,213,159)
TRANSFER TO CAPITAL FUND-REPLACEMENT				28,213				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				201,678				
CONNECTION FEES				-				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	6,635,550							
TRANSFER FOR CAPITAL FUND REPLACEMENT	28,213							
TRANSFER FOR CAPITAL IMPROVEMENTS	201,678							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(86,446)							
TOTAL FUNDS AVAILABLE	<u>6,778,995</u>							

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

Not Started
In Process
Completed

Capital Projects			Source of Funding				Previous YR	JULY 2022 - FY 22/23			Total YTD	Variance
FY 2022/2023 Maintenance/ General Projects	Eng CIP #	#1401.*	Total Cost	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					\$ -	\$ 50,160
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					\$ -	\$ 45,000
Digester System Operational Control	S-2-2022	N/A	\$ 75,523	\$ 75,523							\$ -	\$ 75,523
General Maint Projects List (See Sheet)	General	N/A	\$ 260,000	\$ 140,000	\$ 100,000	\$ 20,000			\$ 54,847		\$ 54,847	\$ 205,153
SUBTOTAL			\$ 840,683	\$ 384,587	\$ 321,806	\$ 134,290	\$ -	\$ -	\$ -	\$ 54,847	\$ 54,847	\$ 785,836

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			Source of Funding				Previous YR	YEAR TO DATE			Total YTD	Variance
	Eng CIP #	#1401.*	Total Cost	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			\$ 4,292		\$ 4,292	\$ 770,708
Construct New Storage Building	G-2-2021	N/A	\$ 370,000	\$ 148,000	\$ 111,000	\$ 111,000					\$ -	\$ 370,000
Parking Structure Shades	G-3-2021	N/A	\$ 100,000	\$ 40,000	\$ 35,000	\$ 25,000					\$ -	\$ 100,000
Sludge Centrifuge VFD Backdrive and Control Repair	S-2-2021	N/A	\$ 109,104	\$ 109,104	\$ -	\$ -					\$ -	\$ 109,104
Convert to Recycled	General	N/A	\$ 135,000	\$ -	\$ 75,000	\$ 60,000			\$ 7,839		\$ 7,839	\$ 127,161
Well Replacement/Cleaning and Rehab	General	N/A	\$ 135,000	\$ -	\$ -	\$ 135,000	\$ 31,000	\$ 27,000	\$ 19,468		\$ 77,468	\$ 57,532
TVWD Offsite SCADA PLC and Radio Upgrade	G-1-2022	N/A	\$ 257,000	\$ 102,800	\$ 77,100	\$ 77,100					\$ -	\$ 257,000
Potable Reservoir Design - Wildrose Site	W-1-2020	1810	\$ 150,000	\$ -	\$ 150,000	\$ -		\$ 1,025			\$ 1,025	\$ 148,975
Potable Reservoir Construction	W-1-2020	N/A	\$ 3,105,000	\$ -	\$ 3,105,000	\$ -					\$ -	\$ 3,105,000
Automatic Meter Read System	W-1-2021	N/A	\$ 3,050,000		\$ 3,050,000						\$ -	\$ 3,050,000
Sludge Processing Facility with Odor Control - Design Report	S-1-2021	2208	\$ 80,000	\$ 80,000							\$ -	\$ 80,000
Sludge Processing Facility with Odor Control	S-1-2021		\$ 3,215,000	\$ 3,215,000							\$ -	\$ 3,215,000
Property Purchase and Relocation of Emergency Pump	W-2-2021	N/A	\$ 587,000		\$ 587,000						\$ -	\$ 587,000
Reservoir Management System - Terramor Reservoir	W-3-2021	N/A	\$ 102,000		\$ 102,000						\$ -	\$ 102,000
Manhole Rehab	S-1- 2022	2008	\$ 105,000	\$ 105,000			\$ 5,603				\$ 5,603	\$ 99,397
SUBTOTAL			\$ 12,375,104	\$ 3,859,904	\$ 7,292,100	\$ 1,223,100	\$ -	\$ 36,603	\$ 28,025	\$ 31,599	\$ 96,227	\$ 12,278,877
TOTAL			\$ 13,215,787	\$ 4,244,491	\$ 7,613,906	\$ 1,357,390	\$ -	\$ 36,603	\$ 28,025	\$ 86,446	\$ 151,074	\$ 13,064,713

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
			15,111		22,180
					Equipment purchased, conduit installed pulling fiber
2	Dive inspection - All tanks			25,000	Potable/ RW
3	Rotary Screw Compressors - Continuous duty			40,000	WRF
			38,252		1,748
					Purchased and installed
4	Replace (3) 16" Plant Isolation Valves: Recycled Water				
	Don Petersen (install valves and adaptors, backfill)			44,200	RW
					44,200
					Valves purchased - backordered
5	Raise Block Wall Around Sludge Area			20,000	WRF
6	CERLIC Portable Sludge Blanket Sensor			4,305	WRF
					4,305
					Paul to purchase
7	Retreat Booster Station ATS Replacement			8,725	Potable
					8,725
					Paul to order
8	OPS Bldg. Toilet Replacement & New Water Heater			10,000	General Building
			1,484		8,516
					Complete
9	New Flow Meter for Centrifuge			9,595	WRF
					9,595
10	Confined Space Tripod & Blower			10,000	Operations
					10,000
					Paul to order
11	Replacement Rotork Actuators (3)			20,000	WRF
					20,000
					Paul to order
12	Next Year Budget Maintenance:				
	Generator Inspections & Service			18,000	All
	HVAC Inspections			5,500	All
	Cla-Val Inspections & Service			5,000	Potable
					18,000
					5,500
					5,000
					Ongoing
					Ongoing
					Ongoing
	TOTAL			257,616	
			54,847		202,769

	Not Started
	In Process
	Completed

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
7/31/2022

Special Tax Fund (Acct #105636-009)
Account Balance at Wilmington Trust \$ 2,011,704.71

BONDS PR ACCT (Acct # 105636-010)
Account Balance at Wilmington Trust 0.18

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

Surplus Fund (Acct #105636-012)
Account Balance at Wilmington Trust 1,181,577.12

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
7/31/2022

<u>Special Tax Fund (Acct #105636-014)</u> Account Balance at Wilmington Trust	\$ 285,016.50
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-015)</u> Account Balance at Wilmington Trust	0.02
<hr/>	
<u>Administrative Expense Fund(Acct #105636-016)</u> Account Balance at Wilmington Trust	5.22
<hr/>	
<u>Surplus Fund (Acct #105636-017)</u> Account Balance at Wilmington Trust	274,387.78
<hr/>	
Prepayment Fund (Acct #105636-026) Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 559,409.52

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
7/31/2022

Special Tax Fund (Acct #105636-019)
Account Balance at Wilmington Trust \$ 1,637,251.54

BONDS PR ACCT (Acct # 105636-020)
Account Balance at Wilmington Trust \$ 0.14

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

Surplus Fund (Acct #105636-022)
Account Balance at Wilmington Trust \$ 628,155.81

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

TOTAL **\$ 2,265,416.72**

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
7/31/2022

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.04
- Lien Interest A/C (Acct #105636-001)		2,501.98
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,265,027.34
- Reserve Fund CFD #2 (Acct #105636-005)		276,285.15
- Reserve Fund CFD #3 (Acct #105636-006)		1,496,717.74
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		781.51
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		619,539.54
- Reserve Fund CFD #2 (Acct #105639-005)		100,254.05
- Reserve Fund CFD #3 (Acct #105639-006)		541,291.13
TOTAL		
	\$	5,302,398.49

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA1
Financing Authority
(Terramor)
7/31/2022

Special Tax Fund (Acct #133306-001)
Account Balance at Wilmington Trust \$ 985,662.28

Interest Acct (Acct #133306-002)
Account Balance at Wilmington Trust 0.02

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

Administrative Expense Fund(Acct #133306-004)
Account Balance at Wilmington Trust 46,114.48

Reserve fund Fund (Acct #133306-005)
Account Balance at Wilmington Trust 1,400,475.86

Surplus Fund (Acct #133306-006)
Account Balance at Wilmington Trust 234,591.32

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 \$ 2,666,844.78

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA2
Financing Authority
(Terramor)
7/31/2022

Special Tax Fund (Acct #151110-000)
Account Balance at Wilmington Trust \$ 422,524.43

Interest Acct (Acct #151110-001)
Account Balance at Wilmington Trust 0.95

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 1,133,663.11

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

Construction fund (Acct #151110-007)
Account Balance at Wilmington Trust 2,926,002.01

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

TOTAL \$ 4,482,190.50



PMIA/LAIF Performance Report as of 08/10/22



PMIA Average Monthly Effective Yields⁽¹⁾

July	1.090
June	0.861
May	0.684

Quarterly Performance Quarter Ended 06/30/22

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

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 07/31/22 \$229.9 billion

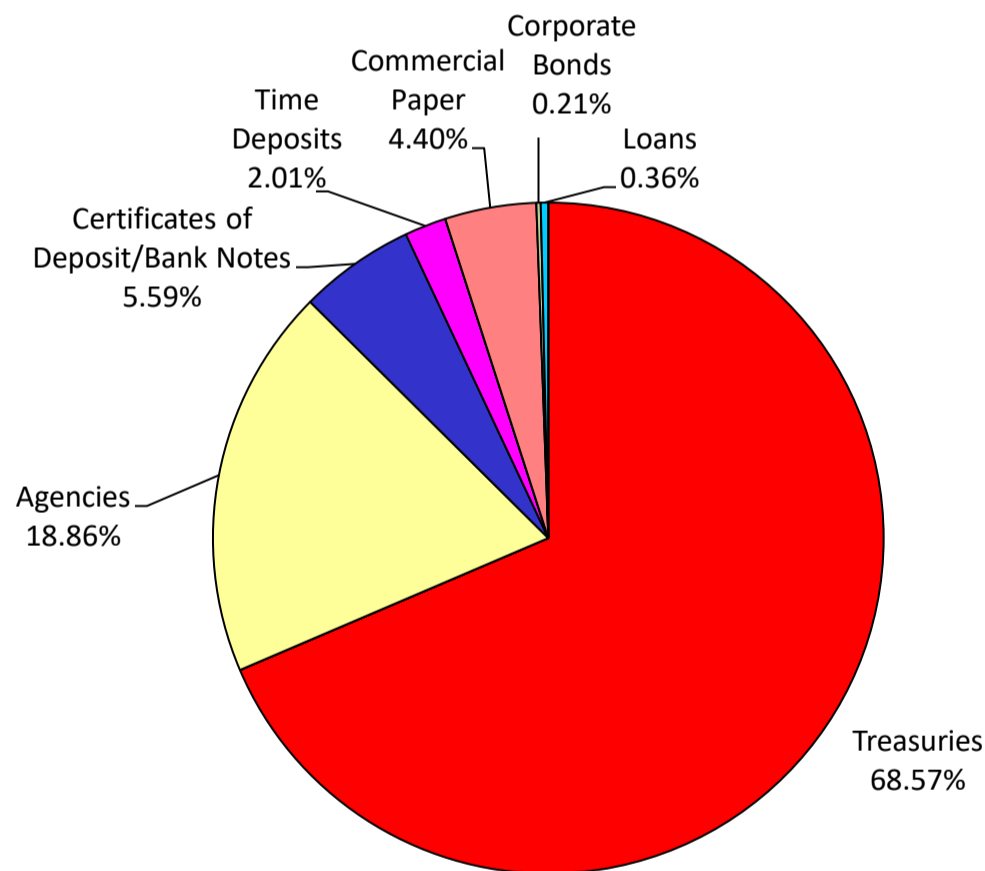


Chart does not include \$4,432,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

Daily rates are now available here. [View PMIA Daily Rates](#)

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

Source:

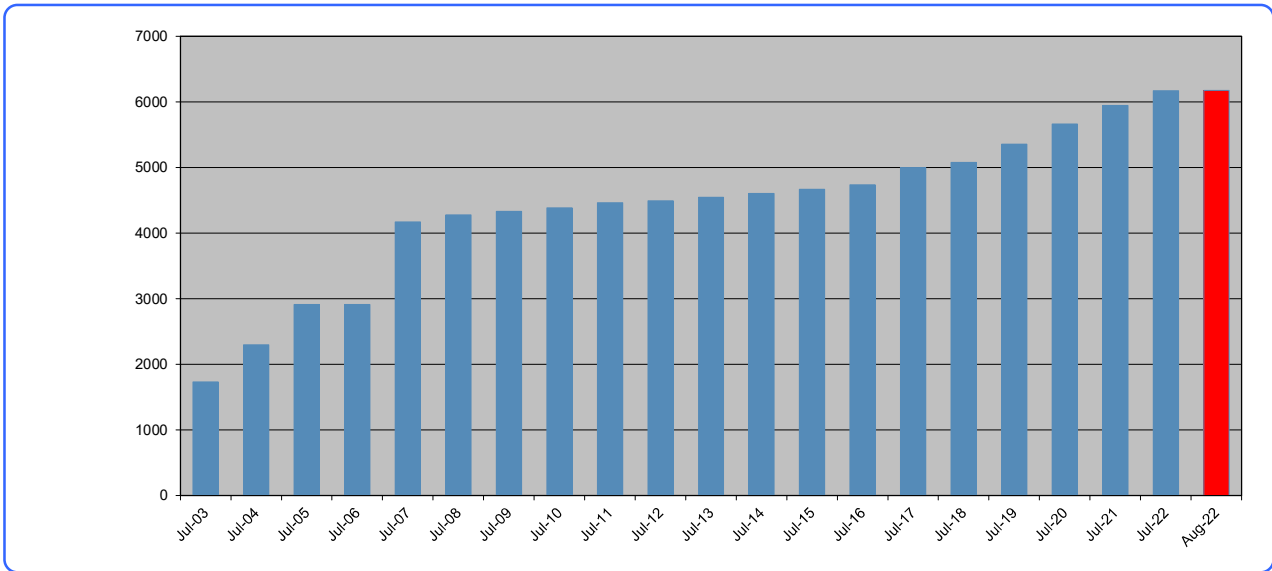
⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

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

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

DATE	Jul-03	Jul-04	Jul-05	Jul-06	Jul-07	Jul-08	Jul-09	Jul-10	Jul-11	Jul-12	Jul-13	Jul-14	Jul-15	Jul-16	Jul-17	Jul-18	Jul-19	Jul-20	Jul-21	Jul-22	Aug-22
CUSTOMERS	1729	2295	2910	2910	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	5000	5076	5358	5662	5948	6173	6177



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	971	65% 15 MODELS
Harmony Grove	50	50	100%
Sycamore Highlands	79	0	0%
Temescal Office Part	80	0	0%
	6852	6177	90%

TOTAL CUSTOMER COUNT REPORT
July 31, 2022

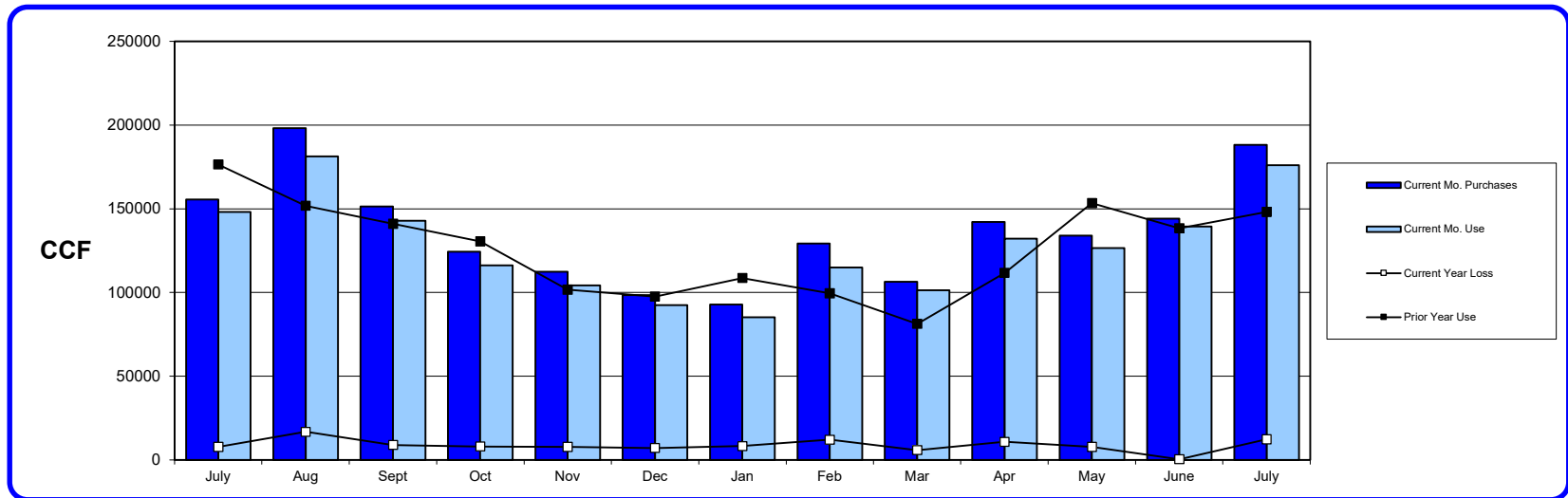
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 4 Accts closed/transf 43 Empty Homes 0			Butterfield (305) Calif. Meadows (345)	
Residential	6154	2	650	6806
Commercial	96	0	2	98
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	68	0	68
Non-Potable Water other	0	152	0	152
Construction-Bulk Sales	0	13	0	13
Total Active Customers	6295	236	652	7183

DELINQUENT REPORT

Meters Read - Customers Billed	6490	
Received Delinquent Notice on current bill	409	
Turned Off for lack of payment	5	0.08%
Customers turned back on, amount paid	1	0.02%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	TOTAL
Beg Water Levels	12886	12791	13105	12830	13091	13383	12271	11507	14012	13478	12806	12493	13272	
Ending Water Levels	12791	13105	12830	13091	13383	12271	11507	14011	13478	12806	12493	13272	13282	
Cur Yearly Purchases	155626	198282	151403	124397	112327	98488	92725	129333	106514	142162	133959	144158	188279	1777653
Cur Yr Monthly Use	148077	181209	142826	116129	104291	92551	85242	114797	101282	132069	126528	139475	175991	1660467
Prior Yr Monthly Use	176462	151828	141011	130445	101649	99436	108646	99436	81228	111662	153372	148077	148077	1651329



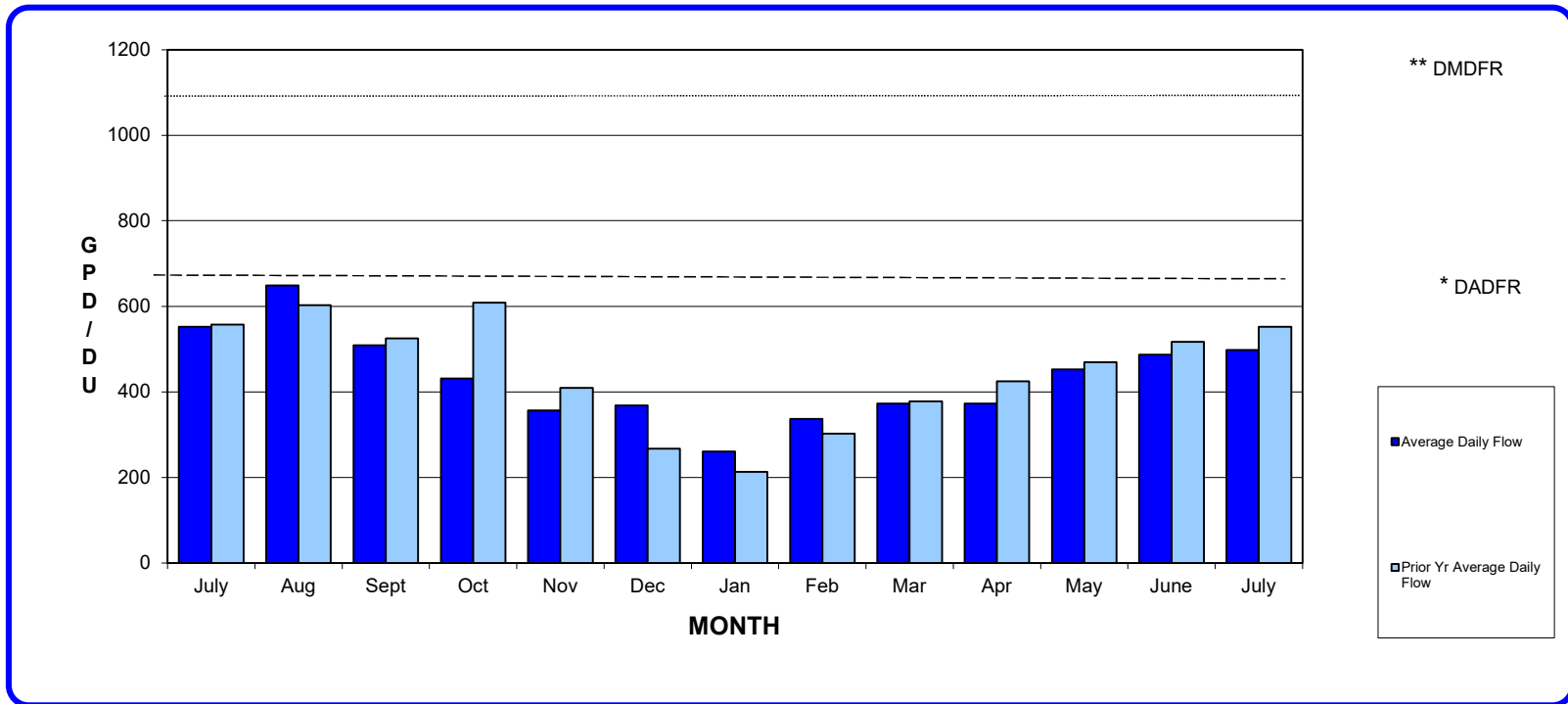
KEY

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

SUMMARY	
Beginning Water in System	12886 CCF
Water Purchased in last 13 months	1777653 CCF
Water Used in last 13 months	1660467 CCF
Water Remaining in System	13282 CCF
(Loss)/Gain over last 13 months	(116790) CCF
	-6.57%

RESIDENTIAL WATER USAGE AVERAGE DAILY FLOW

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	YEARLY AVERAGE
Average Daily Flow	552	648	508	432	357	368	261	337	373	373	453	487	498	424
Prior Yr Average Daily Flow	557	603	525	608	409	267	213	302	378	425	470	517	552	439



Key

2020-2021

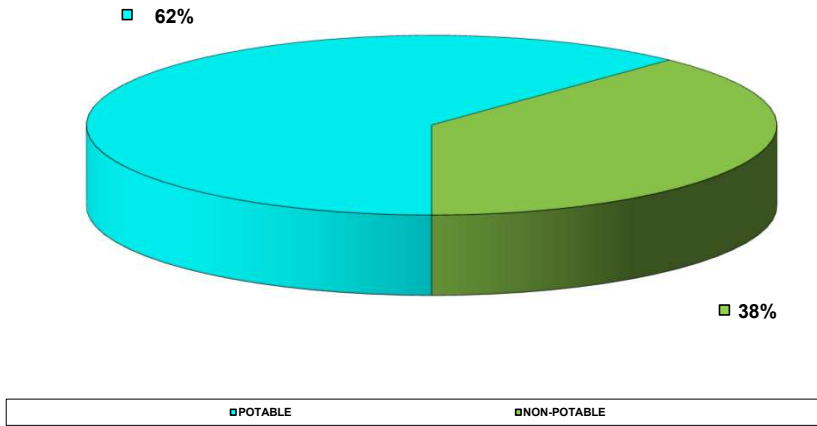
2021-2022

2022-2023

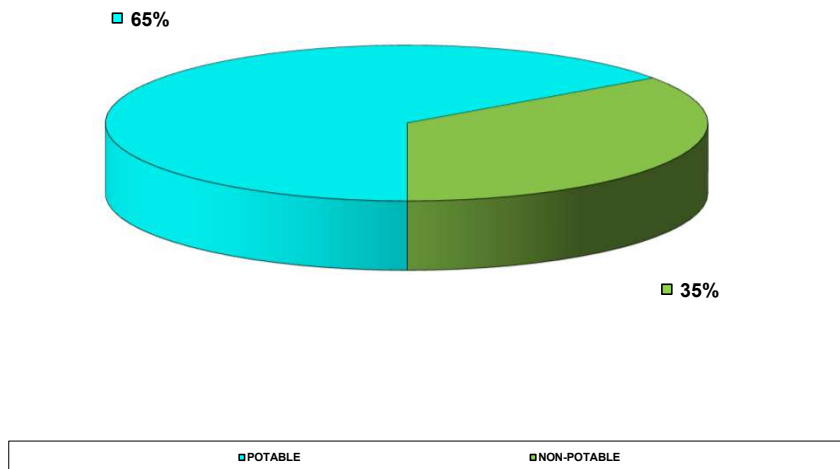
* DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)

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

**Temescal Valley Water District
Volume of Water Sold
For One Month Ending July 31, 2022
F/Y 2022-2023**

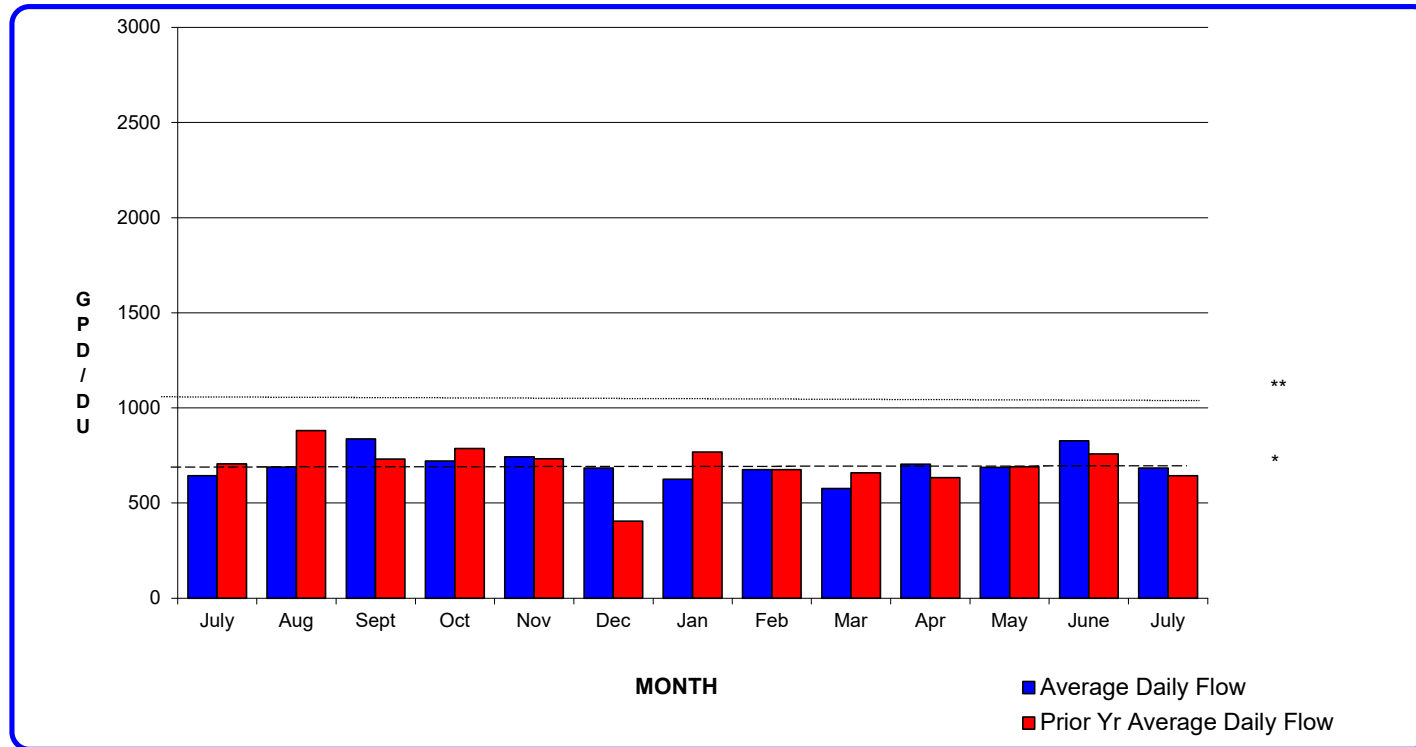


**Temescal Valley Water District
Water Volume Sold
For F/Y 2021-2022
Twelve Months**



COMMERCIAL WATER USAGE AVERAGE DAILY FLOW

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	YEARLY AVERAGE
Average Daily Flow	643	689	838	721	744	684	625	675	577	704	688	827	683	705
Prior Yr Average Daily Flow	705	881	730	788	732	405	768	676	660	634	691	758	643	697



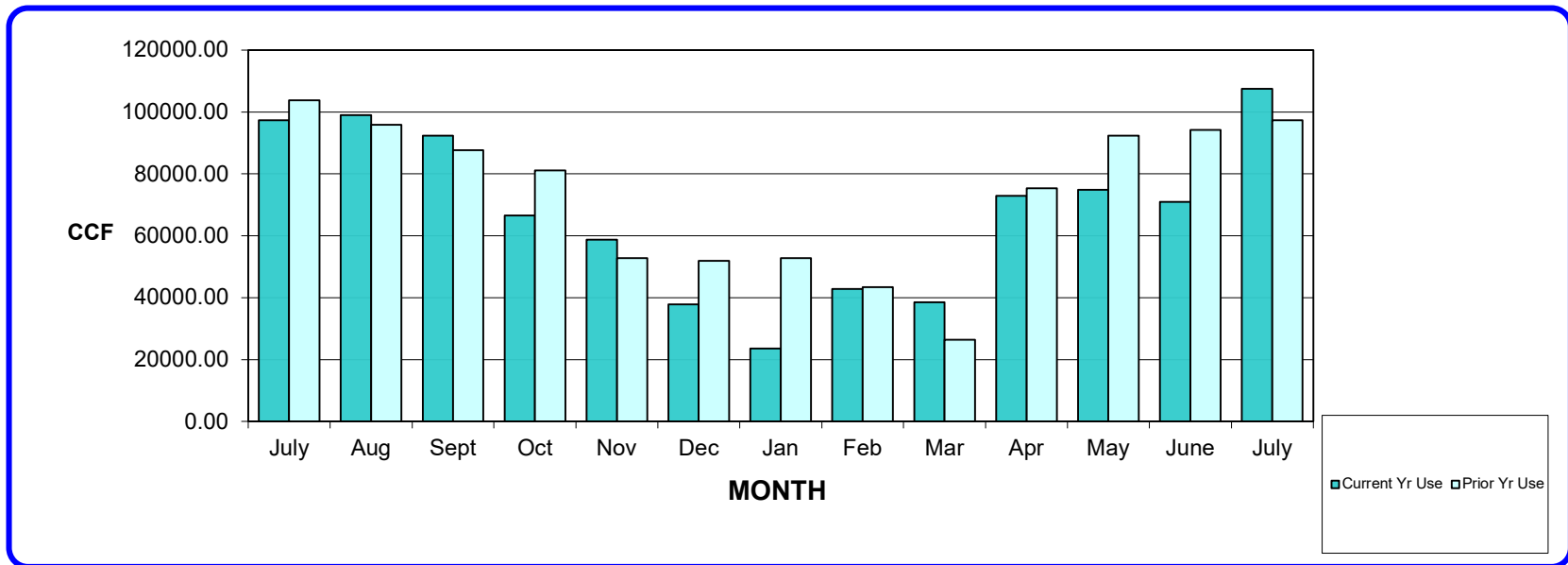
Key
2020-2021
2021-2022
2022-2023

* 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)

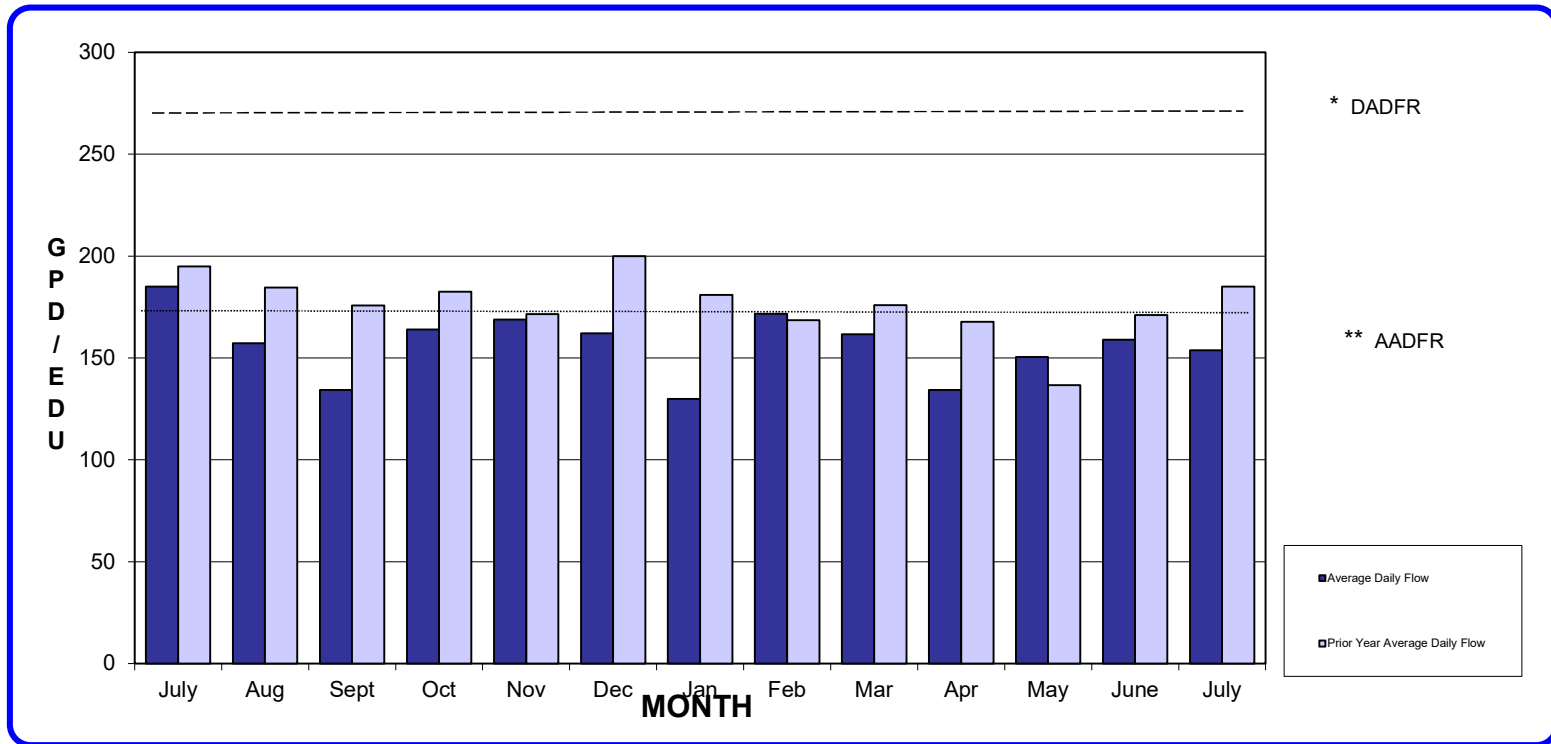
	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
Current Yr Use	97230.00	98914.00	92269.57	66474.53	58720.00	37812.00	23570.72	42797.73	38517.00	72833.55	74866.40	70903.37	107422.03
Prior Yr Use	103731.39	95840.25	87622.51	81051.36	52720.00	51836.00	52720.00	43322.39	26400.23	75335.76	92363.00	94145.68	97230.00
Revenue	\$306,524	\$311,579	\$262,607	\$262,607	\$180,268	\$ 136,385.00	\$83,291	\$140,197	\$126,336	\$203,713	\$237,444	\$177,858	\$303,475



Key	
2020-2021	
2021-2022	
2022-2023	

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

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	12-Month Average
Average Daily Flow	185	157	134	164	169	162	130	172	162	134	151	159	154	169
Prior Year Average Daily Flow	195	185	176	183	172	200	181	169	176	168	137	171	185	175



** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

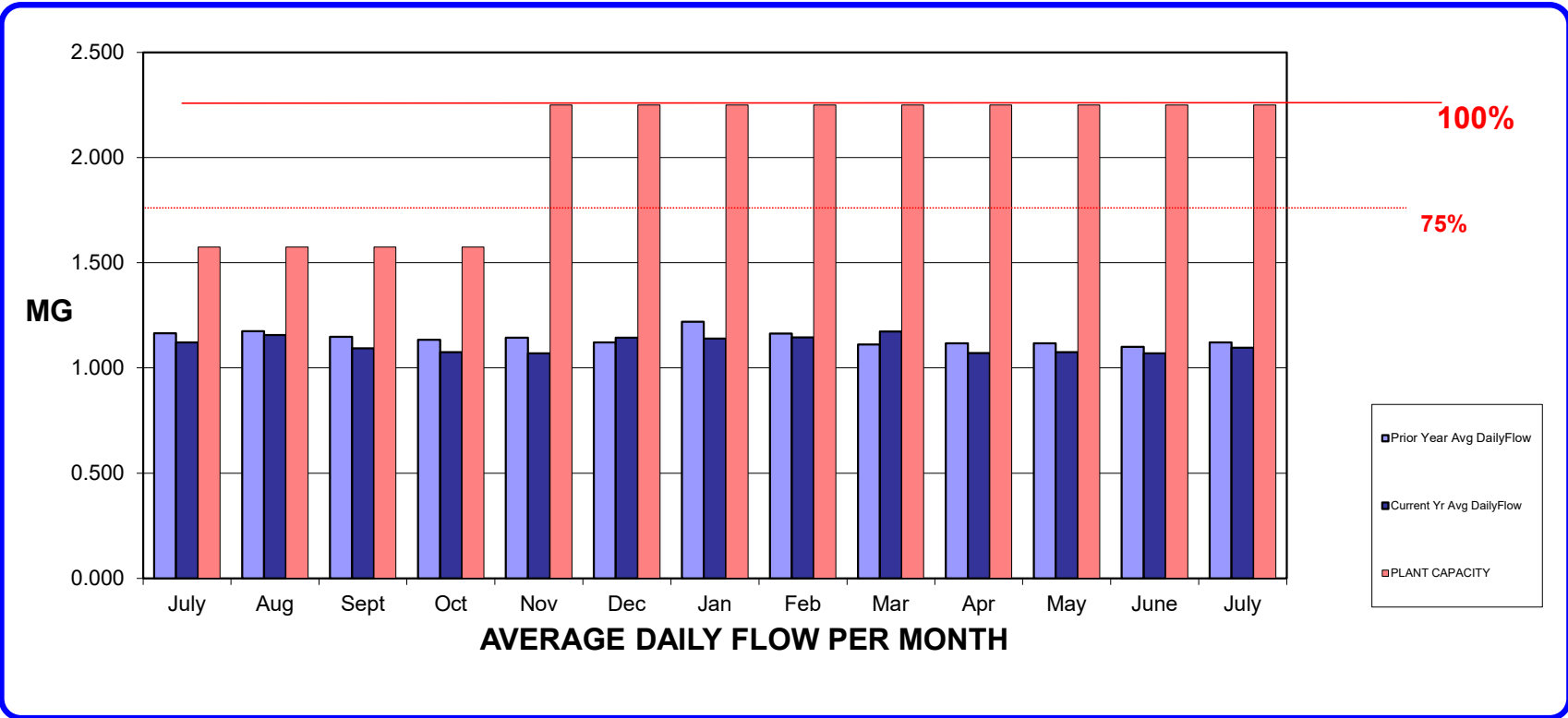
RECLAMATION PLANT FLOW REPORT

AVERAGE DAILY FLOW (Million Gallons)

Key	
2020-2021	
2021-2022	
2022-2023	

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
Current Yr Avg DailyFlow	1.1210	1.1570	1.0940	1.0760	1.0690	1.1430	1.1400	1.1460	1.1730	1.0710	1.0760	1.0690	1.0970
Prior Year Avg DailyFlow	1.1650	1.1750	1.1490	1.1340	1.1430	1.1210	1.2200	1.1630	1.1110	1.1170	1.1180	1.1000	1.1210

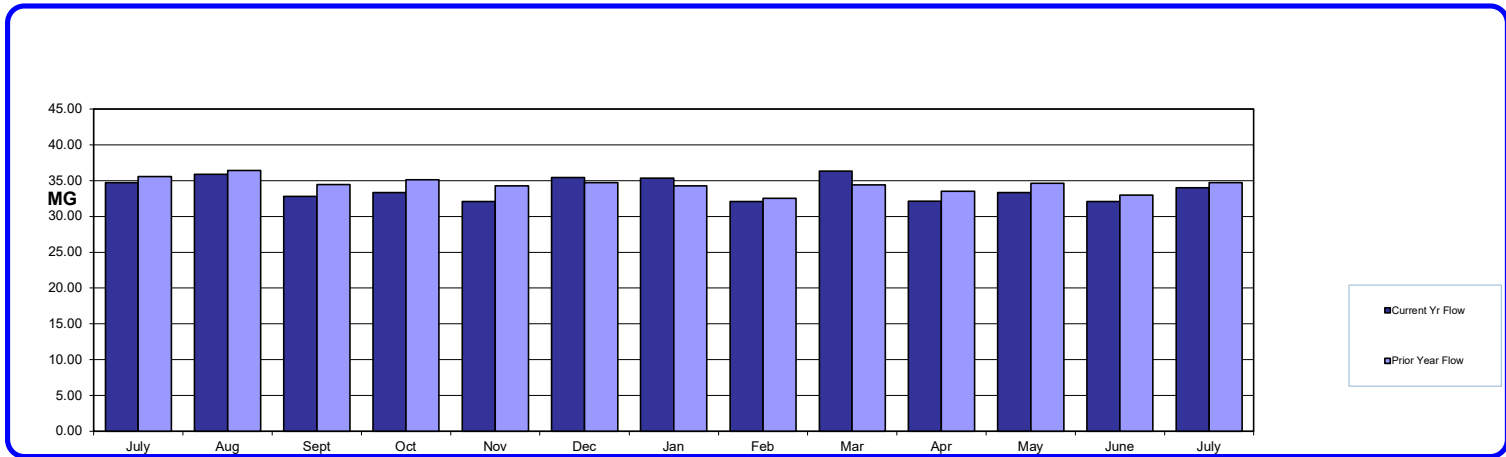
PLANT CAPACITY	1.575	1.575	1.575	1.575	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250	2.250
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RECLAMATION PLANT DISCHARGE REPORT MONTHLY FLOW (Million Gallons)

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Total/yr
Current Yr Flow	34.76	35.87	32.82	33.36	32.07	35.44	35.35	32.08	36.36	32.12	33.35	32.08	34.01	404.91
Prior Year Flow	35.59	36.44	34.47	35.14	34.28	34.75	34.28	32.56	34.44	33.50	34.66	33.00	34.76	412.27

Potential Revenue \$138,935 \$143,388 \$131,180 \$133,351 \$128,190 \$141,665 \$141,305 \$128,214 \$145,343 \$128,390 \$133,311 \$128,250 \$135,957 \$1,618,545

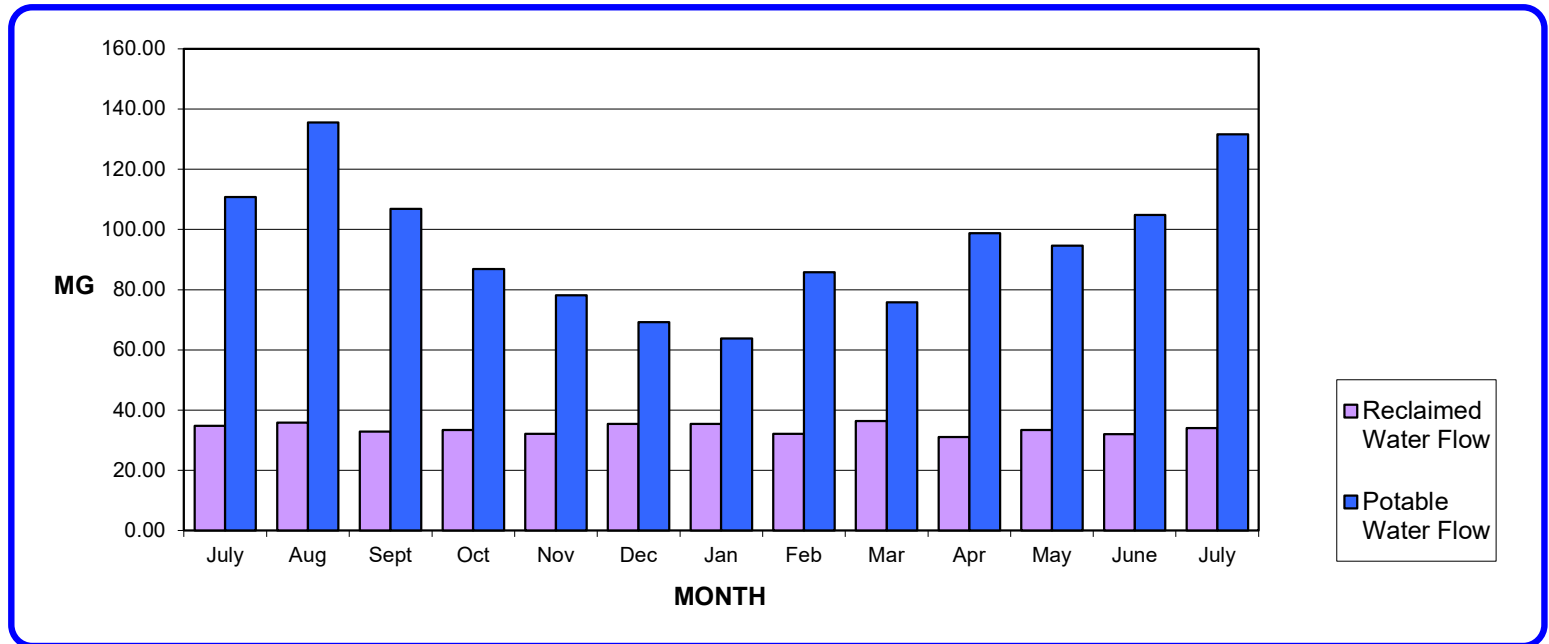


Key
2020-2021
2021-2022
2022-2023

Note - recycled water only

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July
No. of Sewer Dwelling Units Connected	6923	6923	6954	6983	6985	6996	7037	7052	7058	7097	7097	7106	7135
Reclaimed Water Flow	34.76	35.87	32.82	33.36	32.07	35.44	35.35	32.08	36.36	31.12	33.35	32.05	34.01
Potable Water Flow	110.76	135.54	106.83	86.87	78.10	69.23	63.76	85.87	75.76	98.79	94.64	104.77	131.64



TEMESCAL VALLEY WATER DISTRICT
AVERAGE WATER UNITS PER MONTH BY ROUTE

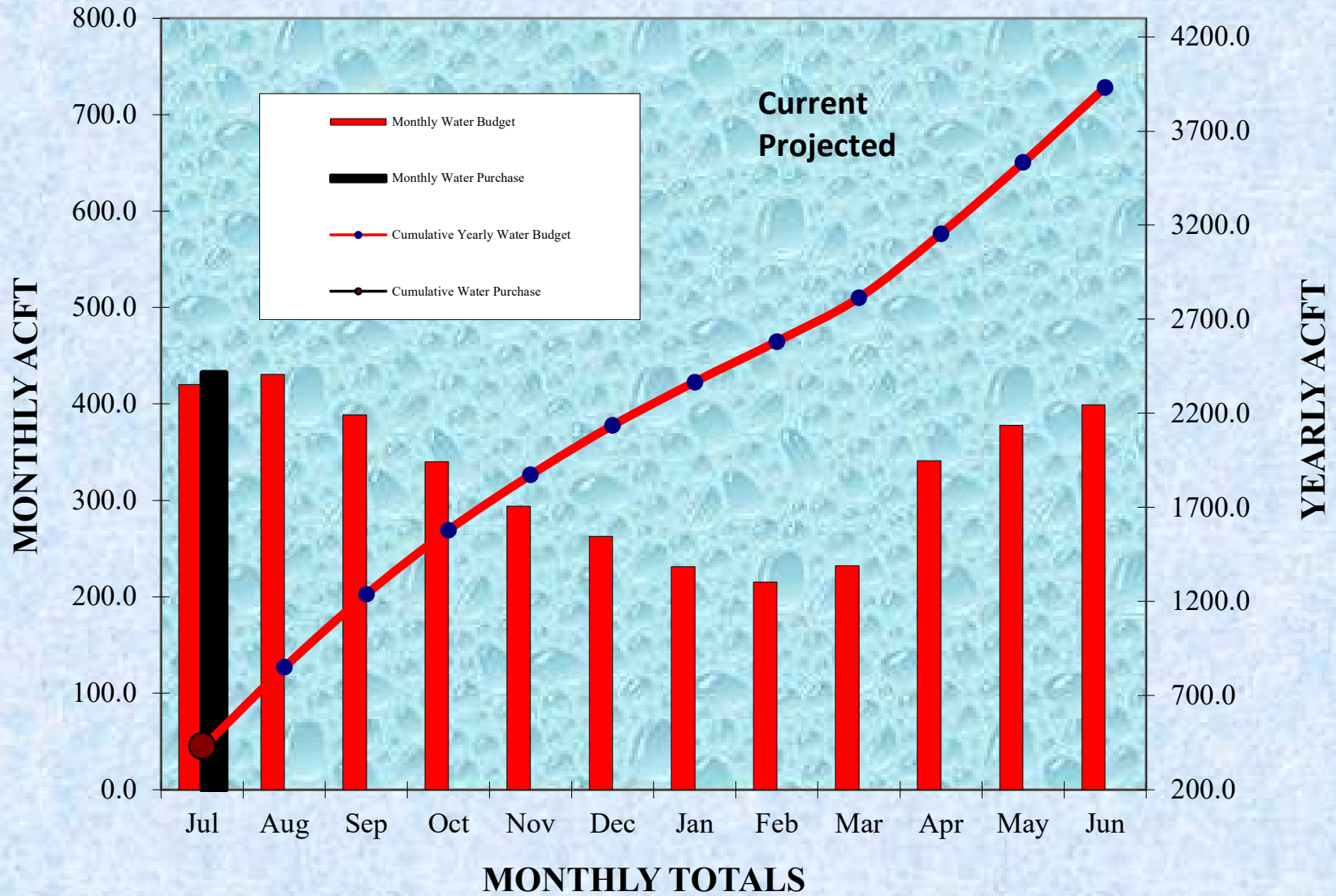
Month	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Terramor(8)	Harm Gr(13)	Dist Avg	AVG IND-BK / IRR (1)	TOTAL		
											RECYCLED	NONPOT-Other	NONPOT-Trilogy Golf
AVG '07-'08	18.1	32.7	15.9	32.2	21.7	37.1	0.03	-	25.9	83.9			
AVG '08-'09	24.6	33.8	17.0	33.3	32.6	40.8	-	-	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													
Sep-22													
Oct-22													
Nov-22													
Dec-22													
Jan-23													
Feb-23													
Mar-23													
Apr-23													
May-23													
Jun-23													
AVG '22-'23													

NOTE: AVG UNITS PER MONTH

WHOLESALE BUDGET vs PURCHASE

Water Year July 2022 through June 2023

3930 ACFT PROJECTION)





Engineering Committee Meeting Agenda

1:00 PM – 3:00 PM
August 11, 2022

- I. FY 22/23 Capital Projects Status
- II. General Discussion



August 23, 2022

Board of Directors
Temescal Valley Water District

RE: General Manager's Report

Dear Board:

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

- Water Supply Availability - Restrictions
 - New access to Local Water with Sterling Pump Station – Western Letter
 - 7-29-2021 Western's Water Resource Manager – indicated MWD has more water in storage than in any time in its history, approx. 3 million acre feet. As of now there is no pressure from MWD to restrict water demands. They will illustrate alignment with the Governor's request for 15% voluntary reduction with increased marketing for efficient water use and participation in rebate programs. Western will be rolling out a regional outreach effort in partnership with Eastern MWD, Inland Empire UA, and Valley District. We will make these messages/materials available to you when available.
 - 8-19-2021 MWD has a current message that requests a voluntary 15% reduction
 - 4-21-22 SWRCB – Zero SWP allocation possible/ new restrictions on outdoor irrigation possible/Western not reliant on SWP this water year –
 - Restriction on Ornamental Turf coming in June.
 - Possible requirement to go to Conservation Stage II in June
 - Final State Water Resources Control Board requirement for Stage II and Turf
 - District in Stage II and working with HOAs on watering restrictions and Ornamental turf removal.
- Working on non-potable water supply improvements
 - Park Canyon Drive RW line – Property owner has agreed to build the RW line along Park Canyon to our existing pipeline from the sump well.
- Working on 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
- 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,

Temescal Valley Water District

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



- and RW. Grading continues. Sewer construction started. District fees have been paid and models in construction.
- 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.
 - Terramor CFD – CFD 4 annexation of Phase 2 completed - Constructing the WRF expansion. Annexation of final PA in Phase 2 completed – Working on Phase 3 Water, Sewer and RW plans. Working on second Bond issuance for IA 2. Bond Issuance for IA2 complete
 - Annexation of IA3 is started. Annexation complete for phase 1 of ID 3
 - Terramor Review:
 - Phase 3 –Reviewed phase 3 water and sewer plans – ready for signature.
 - Terramor Onsite Water, Sewer and RW improvements
 - Work continues Improvement Area 2 – Richmond America, Pardee and Pulte. Grading of Phase 3 pads will be complete in August. Developer currently building the upper zone booster.
 - Upper booster complete and in operation – final testing and connection to SCADA in the works
 - Work continues on the water, sewer and RW in ID 3
 - WRF 225K GPD upgrade
 - The WRF is finished – a few final warrantee items outstanding. Warrantee items complete – retention released
 - New Storage Building
 - Received three prices on the building – above Cap budget amount - looking for ways to reduce the cost.
 - Proposals on August meeting agenda
 - AMI/AMR Meter Reading system upgrade
 - Research continues different data collection systems, software and meters.

MEMORANDUM

DATE: August 23, 2022
TO: Board of Directors
Temescal Valley Water District
FROM: General Manager
SUBJECT: **Storage Building CIP Project G-2-2021**

BACKGROUND

The Storage building was budgeted in FY 21/22 for \$205,000. Staff solicited prices for the standard building and receive three quotes. The prices revealed that market forces had driven the price above the original budget. In FY 22/23 the Board allow staff to increase the budget to \$370,000.

ACTION REQUESTED

Approve the building quote from SteelWood Construction in the amount of \$313,408.62 and authorize the General Manager to construct the building and complete the interior for storage.

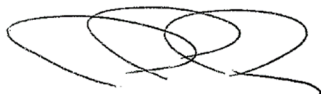
FISCAL IMPACT

Building Complete	\$313,408.62
Contingency	\$ 31,400.00
Shelving, Lighting, misc.	\$ 25,000.00
Approximate Total	\$370,000.00

RECOMMENDATION

To be made by the Board of Directors:

Respectfully submitted,



Jeff Pape
General Manager



Established in 1965

Project Name: New Spare Parts Building						
Project Department: General Purpose						
CIP Project No.: G-2-2021						
Total Project Cost: \$ 370,000 Updated Pricing from 3 bids						
Project Description:						
The District currently has a spare parts inventory that includes, pumps, motors , meters, valves, hoses, specialized equipment and general spare parts for the Potable Water, Recycled Water and Wastewater Treatment Plant. This spare part inventory is need for critical items and long lead items to insure replacement equipment is available as needed. Our current parts/ truck storage building is too small to adequately organize and store the equipment properly. With this new building we will have one building for vehicle and motorized equipment and one building for parts. The new building will be located on a pad we reserved behind the sludge digesters.						
<u>Budget Summary by Phase :</u>						
Phase	FY 21-22	FY 22--23				Total
Design						\$ -
Purchase/Construction		\$ 370,000				\$ 370,000
						\$ -
						\$ -
TOTALS						\$ -
<u>Project Schedule Summary by Phase:</u>						
Design						
Permitting						
Construction						
<u>Funding Source</u>						
Sewer Fund	\$ -	\$ 170,000				\$ 170,000
Potable Water Fund	\$ -	\$ 100,000				\$ 100,000
Recycled Water Fund	\$ -	\$ 100,000				\$ 100,000
						\$ 370,000

TE BODDED

STEELWOOD CONSTRUCTION

Ca. Lic #256193

P.O. BOX 2187

Ron Rector 951-236-6545

Riverside, CA 92516

Grant Destache 619-895-6264



Preliminary Proposal for 5000SF Pre Engineered Metal Building including Foundation

Date: June 21, 2022

Customer Address & Project Site:

Temescal Valley Water District
22646 Temescal Canyon Road
Corona, CA 92883
ATTN: Jeff Pape

MBMA End Use Category: 3B – Commercial Warehouse & Storage

The pricing breakdown is as follows:

Provide and install a 5,000 SF Pre Engineered Metal Building with foundation and slab on grade as described below:

Supply, Delivery, Erection, Freight, Taxes \$ 313,408.62

(Per Exhibit A" Scope of Work)

TERMS:

- Site to be in a level condition
- ***Due to steel price volatility proposal in effect for 30 days, building to be ordered within that period or is subject to price increases.***
- Deposit required are as follows:
 - Deposit is due at initial contract (25%),
 - Deposit due at completion of drawings (25%),
 - Deposit due at approval for production (40%) and
 - Final 10% due upon completion.
- A monthly service charge of 1.9% will be added on all past due invoices
- Bottomline Steel Buildings southwest, LLC reserves the right to file a mechanics lien against contracted property and pricing based on one-move in.

Sincerely,

Ron Rector & Grant E Destache

EXHIBIT “A” – SCOPE OF WORK

METAL BUILDING SCOPE OF WORK:

- A. Provide metal building **Engineered Drawings** for project Permitting and Erection.
- B. Supply all materials for 50'0" x 100'0" PEMB with eave height of 15'0" and a 3/12 pitch in the roof with bypass girts and rod bracing.
- C. Supply Pre-Engineered Metal Building's roof panels, pre-painted white man door with mortise lockset, closer, out swing, R11 roof and wall insulation, pre-painted exterior gutters & downspouts and trim.
- D. Provide labor and equipment to erect buildings.
- E. Provide Calculations, Anchor Bolt Drwgs, 2 sets of Agency Permit Submittal Drawings and Erection Drawings.
- F. Designed using ICBO2018, 100mph Wind Speed and Local Rainfall Intensity.
- G. Collateral Loads for standard roof is 3.0 PSF.
- H. Provide openings for 2-12'0" x 12'0" sectional doors, 3'0" x 7'0" man door and a 7'0" x 16'0" opening for owner door system.
- J. Provide Signature 200 Paint as follows:
 - Wall Panels – Desert Sand
 - Roof Panels – Desert Sand
 - Wall Corners, Fascia, Door Trim, Gutter & Downspouts - Desert Sand
- K. Provide and Install 2-12'0" x 12'x0" manual chain hoist Overhead Doors 24 gauge non-insulated.

PEMB PROPOSAL EXCLUDES:

1. Excludes, the supply of and installation of all louvers, vents, eaves and soffits, and storefront glazing and windows, aluminum frames and glass.
2. Excludes overtime work done after-hours or on weekends unless pre-negotiated
3. Excludes concrete foundation, slab on grade, anchor bolts, foundation design, miscellaneous steel, special deflections.
4. Excludes plans, permits, fees and responsibility for compliance to codes other than stated in this proposal, secure storage, light gauge framing, demolition, guardrails, partition walls, ramps, signage, metal studs, louvers, liquidated damages and splash pans, all mezzanine construction, supplies and support and design.
5. Excludes special inspections, accessories, stairs & handrails, roof tie-ins, crane rail, misc. steel, concrete planks, canopy screens, canopy frames and roof screening
6. Excludes cost of security guard, water, and electricity during construction, dumpster. (Provided by others), engineering and staking, traffic and pedestrian control.
7. Excludes noise and dust control barriers.

STRUCTURAL ENGINEERING SCOPE OF WORK:

Provide Structural Design, Calculations and Drawings for the foundation and slab on grade as required to construct a 50'0" x 100'0" PEMB per ICBO 2018 Building Code.

CONCRETE SCOPE OF WORK:

Grade and construct footings and foundation for 50'0" X 100'0" steel building per plans and specifications provided.

Grade to level proposed building site:

- Rough grade yard as required to create a level building pad, remove and stockpile all excess soil on site.

Excavate footings and foundations:

- Excavate footing at perimeter of proposed building pad 24" depth by 12" width plans and specifications provided, , remove and stock pile all excess soil on site
- Excavate pad footings at required locations per plans and specifications provided, , remove and stock pile all excess soil on site
- Compact bottom of footings using wacker compactor to achieve the required 90' compaction
- Wet and wheel roll building pad to achieve 90' compaction as required
- Furnish soil sampling, compaction testing and compaction report as required for proof of compaction
- **Furnish and Place 4" of sand on building pad per plans and specifications provided**

Form and Place all reinforcing steel and foundation bolts:

- Install #4 rebar in footings per plans and specifications provided
- Install #4 rebar grid 16" OC on building pad per plans and specifications provided per plans and specifications provided
- Place all required foundation bolts at the required points on building slab per plans and specifications provided

Pour , Finish and sawcut concrete:

- Furnish and place 4000 psi concrete in footings per plans and specifications provided
- Furnish and place 6" inches of minimum 4000 psi concrete on building pad per plans and specifications provided
- Concrete pad will have a smooth finish
- Sawcut the required control joints in concrete per plans and specifications provided.

Design of concrete footings and foundation walls including steel reinforcement normally performed by a Professional Structural Engineer to be supplied and are excluded from this proposal.

Price will be subject to change at the time of order if the actual building code and / or design information differs from what has been quoted. Selection of applicable code and load requirements for specific location is the sole and exclusive responsibility of Buyer.

All of the costs for the above items are supplied with industry standard materials without specific specifications. Upon introduction of specifications those items will be priced accordingly.

Quality Pre Engineered Metal Buildings

P.O. BOX 3274

Dennis Mitchell 951-842-2700

Borrego Springs, CA

5000SF PEMB

Date: June 22, 2022

Customer Address & Project Site:

Temescal Valley Water District
22646 Temescal Canyon Road
Corona, CA 92883
ATTN: Jeff Pape

MBMA End Use Category: 3B – Storage

5,000 SF Pre Engineered Metal Building with foundation and slab on grade

Supply, Delivery, Erection, Freight, Taxes **\$__378,125.00__**

EXHIBIT “A” – SCOPE OF WORK

METAL BUILDING SCOPE OF WORK:

- Provide Engineered Drawings for project Permitting and Erection per code.
- Supply 50'0" x 100'0" PEMB with eave height of 16'0" and a 3/12 pitch in the roof with bypass girts and rod bracing.
- Supply roof panels, pre-painted white man door with lockset, closer, out swing, roof and wall insulation, pre-painted exterior gutters & downspouts and trim.
- Labor and equipment to erect buildings.
- Provide Calculations, Anchor Bolt Drwgs, 2 sets of Agency Permit Submittal Drawings and Erection Drawings.
- 2-12'0" x 12'0" sectional doors, 3'0" x 7'0" man door.
- Provide design and installation of slab on grade for building.

EXCLUSIONS:

- Excludes, the supply of and installation of all louvers, vents, eaves and soffits.
- Excludes overtime work done after-hours or on weekends unless pre-negotiated

- Excludes concrete foundation, slab on grade, anchor bolts, foundation design, miscellaneous steel, special deflections except as stated in this quote.
- Excludes plans, permits, fees and responsibility for compliance to codes other than stated in this proposal, secure storage, light gauge framing, demolition, guardrails, partition walls, ramps, signage, metal studs, louvers, liquidated damages and splash pans, all mezzanine construction, supplies and support and design.
- Excludes special inspections, accessories, stairs & handrails, roof tie-ins, crane rail, misc. steel, concrete planks, canopy screens, canopy frames and roof screening
- Excludes cost of security guard, water, and electricity during construction, dumpster. (Provided by others), engineering and staking, traffic and pedestrian control.

TERMS:

- Site to be in a level condition
- ***Due to steel price volatility proposal in effect for 30 days, building to be ordered within that period or is subject to price increases.***
- Deposit required.
- A monthly service charge of 1.9% will be added on all past due invoices



June 23, 2022

Customer Address & Project Site:

Temescal Valley Water District

22646 Temescal Canyon Road

Corona, CA 92883

ATTN: Jeff Pape

The pricing breakdown is as follows:

Provide and install a 5,000 SF Pre Engineered Metal Building with foundation and slab on grade as described below:

**Supply, Delivery, Erection, Freight, Taxes
(Per Exhibit A" Scope of Work)**

\$ 361,230.00

Revised 6-23-2022

SCOPE OF WORK

MBMA End Use Category: Warehouse & Storage

- Provide metal building **Engineered Drawings** for project Permitting and Erection.
- Supply all materials for 50'0" x 100'0" PEMB with eave height of 15'0" and a 3/12 pitch in the roof with bypass girts and rod bracing.
- Supply Pre-Engineered Metal Building's wall and roof panels, pre-painted white man door with mortise lockset, closer, out swing,
- Provide labor and equipment to erect buildings.
- Provide Agency Permit Submittal Drawings and Erection Drawings.
Insulation – Walls & Roof
- Collateral Loads for standard roof is 3.0 PSF.
- Provide 2-12'0" x 12'0" sectional doors, 3'0" x 7'0" man door and a
- 7'0" x 16'0" opening for owner door system.
- Provide Building Fascia Door Trim, Gutter & Downspouts
- Slab on Grade including structural design as required.

Exclusions

Excludes, the supply of and installation of all louvers, vents, eaves and soffits, and storefront glazing and windows, aluminum frames and glass.

Excludes overtime work done after-hours or on weekends unless pre-negotiated



Excludes concrete foundation, slab on grade, anchor bolts, foundation design, miscellaneous steel, special deflections.

Excludes plans, permits, fees and responsibility for compliance to codes other than stated in this proposal, secure storage, light gauge framing, demolition, guardrails, partition walls, ramps, signage, metal studs, louvers, liquidated damages and splash pans, all mezzanine construction, supplies and support and design.

Excludes special inspections, accessories, stairs & handrails, roof tie-ins, crane rail, misc. steel, concrete planks, canopy screens, canopy frames and roof screening

Excludes cost of security guard, water, and electricity during construction, dumpster. (Provided by others), engineering and staking, traffic and pedestrian control.

Excludes noise and dust control barriers.

MEMORANDUM

DATE: August 23, 2022
TO: Board of Directors
Temescal Valley Water District
FROM: General Manager
SUBJECT: **Sludge Study**

BACKGROUND

Please see the attached Capital Project sheet for the complete project. Phase 1 includes a study to better understand the sludge generation, treatment and drying process, including present and future volumes. With the laws changing yearly that restrict disposal – future sludge processing may require heat drying, pelletizing or other disposal methods. This study is the first step to a future sludge processing design.

ACTION REQUESTED

Approve the proposal from Dudek to perform the study.


FISCAL IMPACT

Not to exceed \$80,000

RECOMMENDATION

To be made by the Board of Directors:

Respectfully submitted,



Jeff Pape
General Manager



TEMESCAL VALLEY WATER DISTRICT
CAPITAL IMPROVEMENTS PROGRAM

Established in 1965

Project Name: Sludge Processing Facility with Odor Control
Project Department: Sewer Treatment
CIP Project No.: S-1-2021
Total Project Cost: \$ 3,295,000

Project Description:

Sludge drying is becoming increasingly difficult without relying on the beds and bag system. Both of these systems can create odors when the sludge is removed from a drying bed or bag and placed in trucks for removal. This project will provide for the development of an additional process that will dry sludge into a biosolid that can be removed offsite for disposal. The facility would have high volume processing capacity and odor control. We will research different systems and process types for the most cost effective system. This will need a permit amendment from the Regional Board and a So Cal AQMD permit.

Budget Summary by Phase :

Phase	FY 21-22	FY 22-23	FY 23-24			Total
Research	\$ 60,000					\$ 60,000
Design	\$ 70,000	\$ 80,000				\$ 150,000
Permitting/Environmental		\$ 85,000				\$ 85,000
Construction		\$ 500,000	\$ 2,500,000			\$ 3,000,000
Startup						\$ -
Contingency						\$ -
TOTALS	\$ 130,000	\$ 665,000	\$ 2,500,000			\$ 3,295,000

Project Schedule Summary by Phase:

Research/Design					
Permitting					
Construction					
Startup					

Funding Source	FY 21-22	FY 22-23	FY 23-24			Total
Sewer Fund	\$ 130,000	\$ 665,000	\$ 2,500,000			\$ 3,295,000
Potable Water Fund						\$ -
Recycled Water Fund						\$ -
TOTALS	\$130,000	\$665,000	\$2,500,000			\$ 3,295,000

July 11, 2022

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

Subject: Sludge Processing Facility with Odor Control – Design Report

Dear Mr. Pape:

Dudek is pleased to provide this proposal for the evaluation of the sludge handling process at Temescal Valley Water District's (District) Water Reclamation Facility (WRF). We understand that the WRF has undergone several recent process changes including the addition of primary clarification, expansion of sequencing batch reactors, and expansion of the aerobic digesters. These changes have resulted in reduced sludge production and less odor generation when using geotextile dewatering bags. The purpose of this scope of work is to ultimately provide the District with a planning-level estimate of future sludge processing requirements. The following scope of work lists the tasks required to develop that estimate.

1 Proposed Scope of Work

The following tasks are proposed:

- WRF site visit with key District Staff, Dudek Project Manager and Project Engineer
- Information request and review
- Sampling protocol - Dudek and District Staff will develop a protocol for measurement and sampling of various streams within the WRF, including but not limited to influent flow rates and BOD/TSS/VSS/H₂S concentrations of influent, primary effluent, primary sludge, waste activated sludge, digested sludge, and dewatered cake.
- Mass flow model - Dudek will develop a model using sampling data to calculate volatile solids transport within the WRF. The model will be used to track current sludge production and allow the District to estimate future sludge production and characteristics.
- Technical Memorandum - Dudek will produce a draft TM summarizing its findings, model development, model results, and estimates of future sludge production at the WRF. The TM will document the WRF's existing dewatering capacity (centrifuge and geotextile dewatering bags) and determine when dewatering expansion will be required. A Zoom meeting will be conducted to review the TM and field District comments. A final TM will be submitted to the District in PDF format.

Exclusions

Dudek has not included the following scope items: physical sampling, laboratory fees, selection or design of dewatering equipment.

2 Proposed Fee

Dudek estimates a not-to-exceed fee of \$80,000 to complete the proposed scope of work. Our proposed fee is valid for up to 90 days from the date listed in this proposal. Again, we are pleased to have the opportunity to be of continued service to you. Dudek intends to provide the highest quality and most responsive service to the District. If you have any questions or wish to discuss our proposal, please contact me at 760.479.4123, gguillen@dudek.com

Sincerely,



Greg Guillen, PhD, PE
Project Manager



TVWD drought status and water supply...It's time to Step It Up!

In response to decreasing statewide water supplies, Governor Newsom is banning the watering of ornamental grass for commercial customers as of June 1, 2022. The ban does not include turf at residences or turf used for recreation or community purposes. **This mandate will affect TVWD's commercial & HOA customers.** Additionally, The Metropolitan Water District of Southern California is requiring that more than 6 million people in parts of Los Angeles, San Bernardino, and Ventura counties—who rely on State Water from northern California -- restrict outdoor watering to just one day per week due to rapidly worsening drought conditions. **This mandate DOES NOT currently apply to TVWD customers.**

TVWD's water supply and response actions

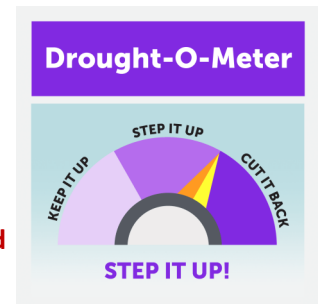
TVWD relies on water imported from Northern California; however recent water infrastructure investments have created local supply and storage at Diamond Valley Lake that is getting us through for now. But, we need all customers to do their part to **STEP IT UP** and slow your water flow. Using less water now may help prevent mandatory water use restrictions in the future.

TVWD has entered into Stage II–Water Alert status of its Water Conservation Program, residential customers are asked to reduce their water use from 2020 levels with a goal to reach an overall District wide Stage II reduction of 25%. If the State or The Metropolitan Water District of Southern California requests future mandatory reductions, TVWD will be forced to implement an administrative and/or drought fine policy as a tool to encourage efficient water use.

The full details of TVWD's Conservation Program can be viewed online at www.temescalvwd.com.

ACTIONS YOU MUST TAKE TODAY

- **Odd numbered houses may irrigate on Sunday, Tuesday and Thursday.**
- **Even numbered houses may irrigate on Monday, Wednesday and Saturday.**
- **Residential irrigation is limited to 10 minutes per station per day between the hours of 9 PM and 6 AM.**
- **Non-residential irrigation such as Parks, HOA irrigation meters, recreation fields, and school grounds irrigation are limited to 10 minutes per station per day between the hours of 9 PM and 6AM and may water on Monday, Wednesday and Friday.**
- **The application of potable, non-potable or recycled water to outdoor landscapes in a manner that causes runoff, such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots or structures is prohibited. Runoff is defined in this section as visible water running in a curb, gutter or swale.**
- **There shall be no washing down of driveways, parking lots, or other paved surfaces.**
- **No potable water irrigation of turf on public street medians.**



This drought is an ongoing, slow-moving crisis that will call for all Californians to step up their water conservation efforts now.

Temescal Valley Water District

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



August 4, 2022

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

RECEIVED AUG 08 2022

Attention: Jeff Pape

Dear Jeff,

The purpose of this letter is to provide Temescal Valley Water Department with Trilogy at Glen Ivy Maintenance Association's proposed changes to our watering plan to comply with the imposed restrictions to landscape watering.

At our last meeting, you stated we would need to reduce our water consumption by 25%. Trilogy and O'Connell have worked together to create a plan that will meet your stated goal. As per your communication regarding water restrictions, STAGE II – WATER ALERT, section 3 states:

With permission by TVWD this provision does not apply to landscape irrigation systems using water efficient devices, including but not limited to weather-based controllers and drip/micro irrigation systems upon the commitment to cut use by 25%

Attached you will find a letter from O'Connell Landscape that details the changes that have already been implemented. With our Weathertrak watering system and drip line system we meet all the requirements stated to be in compliance with water restrictions. In addition, we have worked diligently with O'Connell to reduce overspray and runoff and our regular monitoring of our nighttime watering has shown that those efforts have been very successful.

Trilogy at Glen Ivy has always worked diligently with TVWD to adhere to any restrictions placed and we continue that intention moving forward. We suffered severe and costly landscape loss with the previous water restrictions several years ago and appeared to bear an inordinate burden compared to our neighboring communities. We ask that TVWD approve our plan to reduce our water consumption which will meet your stated goals while maintaining at least some viability of our landscape and the value of our community's homes.

Please let us know if these restrictions meet your approval. Thank you and we look forward to continuing our partnership with TVWD.

Best Regards,

Trilogy at Glen Ivy Maintenance Association
24503 Temescal Valley Parkway
Temescal Valley, CA 92883



7-19-22

O'Connell Landscape watering schedules proposed to Trilogy at Glen Ivy (currently in place) going forward:

All Weathertrak controllers are using "ET user" programs. This allows us to use ET and have control over the days on, to coincide with our daily and weekly maintenance schedules.

Water to the turf areas was reduced by 25% one month ago as a test, per our meeting with TVWD asking to reduce usage by 25%. The turf has shown minimal stress even with the recent high temperatures.

Programs are as follows for all canyons:

- Turf (5 days a week) 3 minutes - 2 start times with a 30 minute soak time between starts**
- Planters (4 days a week) 5 minutes - 2 start times with a 30 minute soak time between starts.**

These watering times allow for the landscape to stay alive during the summer months. Some stress will be present in the landscape.

Managing through the 2020 - ?? Drought



Special Districts Association of Riverside County

July 29, 2022

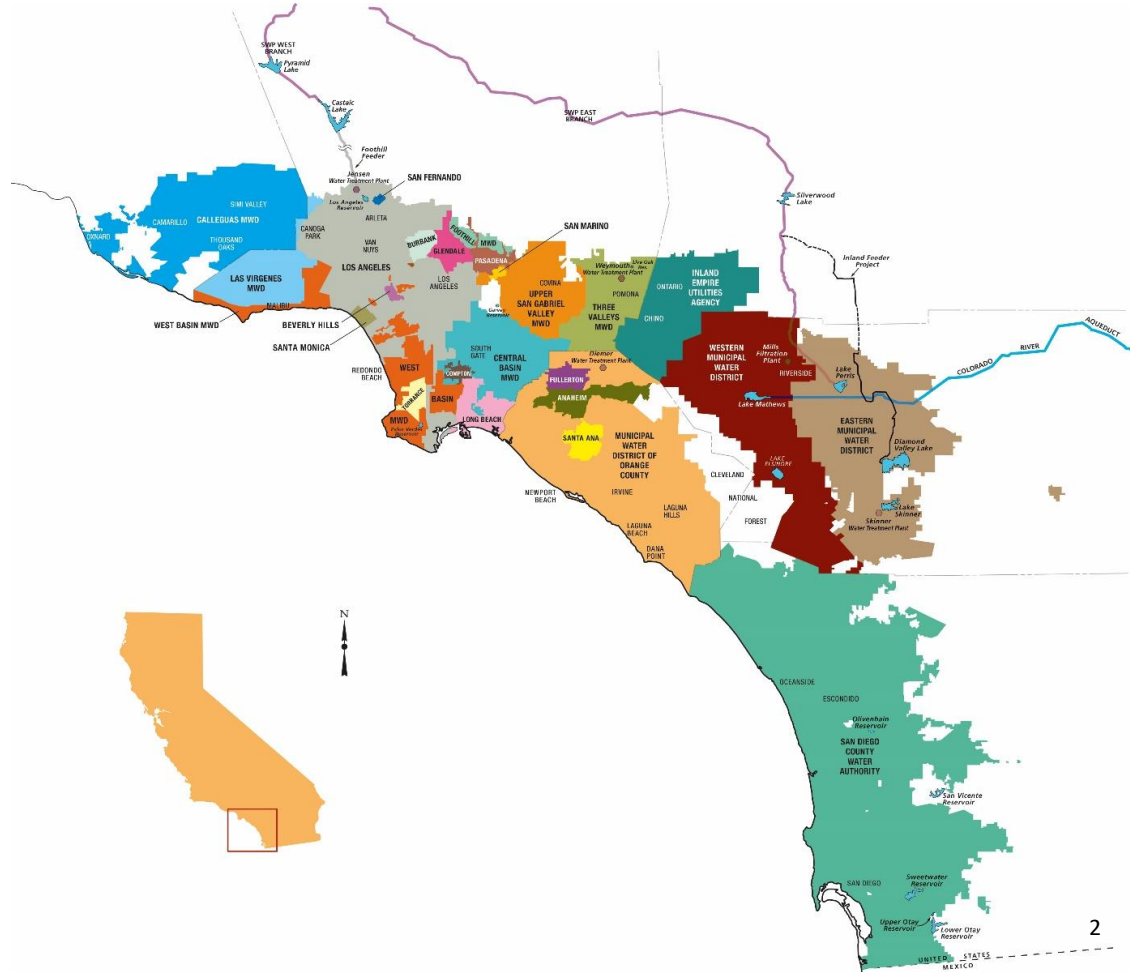
The Metropolitan Water District of Southern California



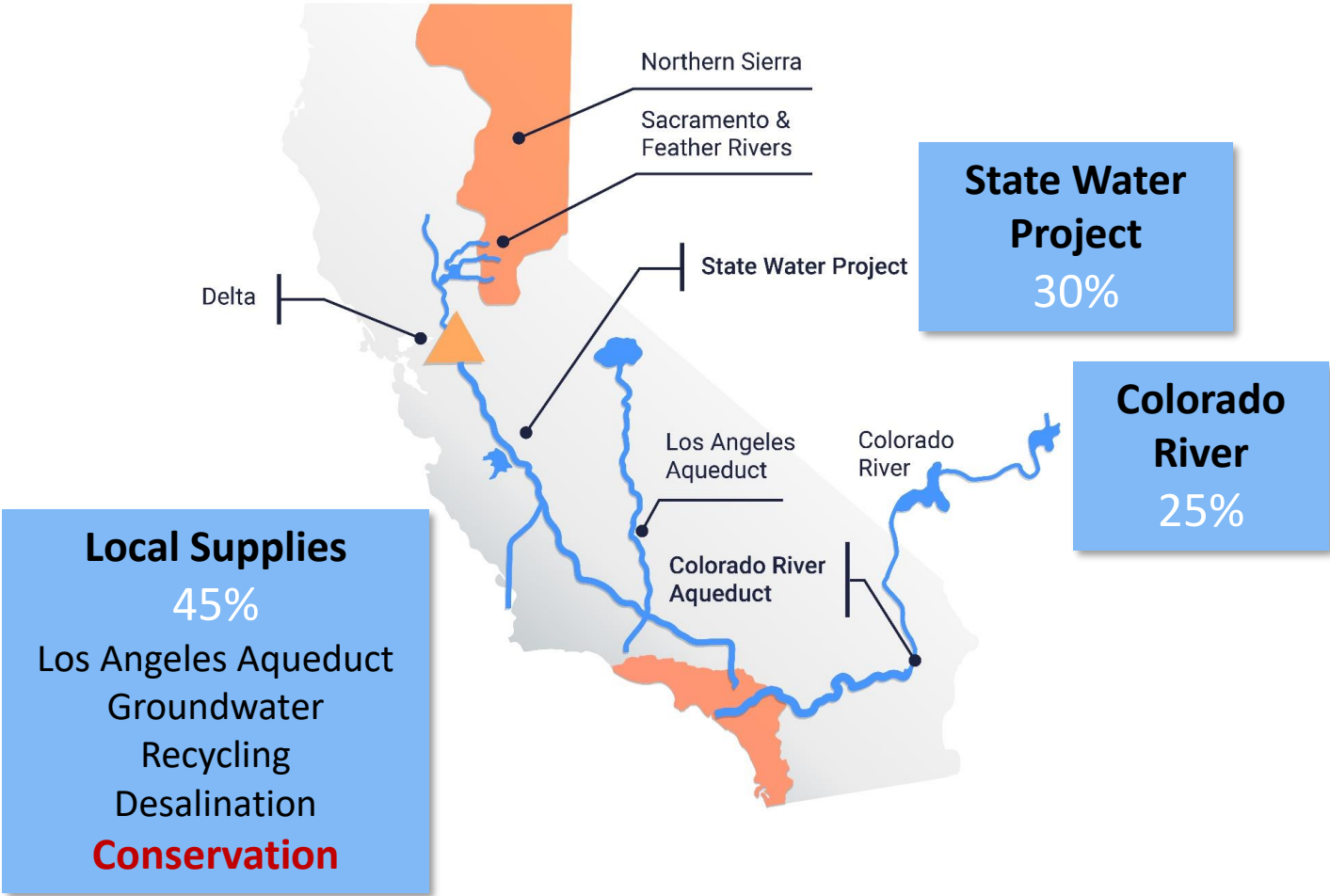


Metropolitan Water District of Southern California

- Nation's largest wholesale water provider
- Service area: 19 million people, 5,200 square miles, parts of six counties
- 26 member agencies
- Supports \$1.6 trillion regional economy (ranks 11th in the world)



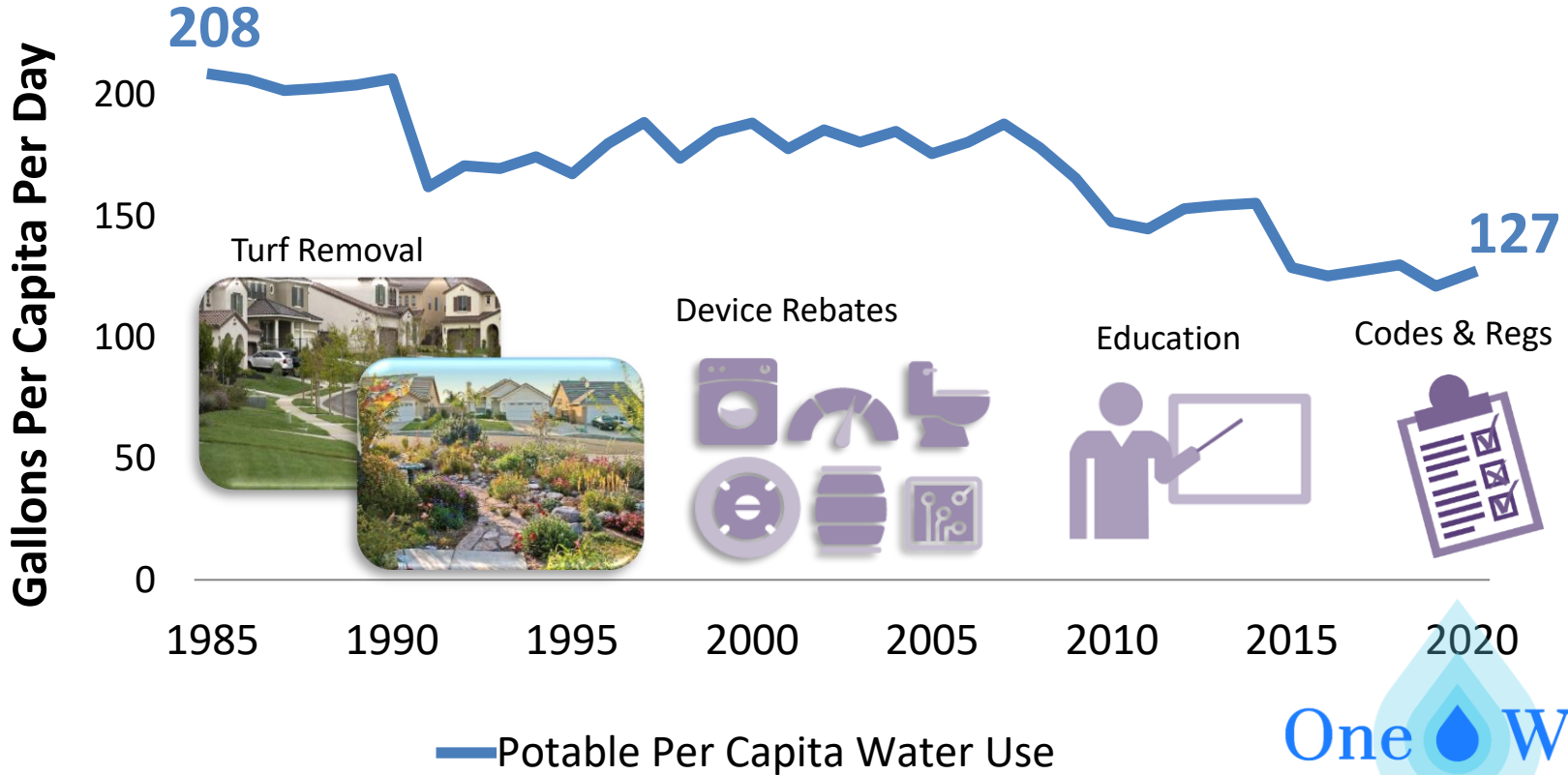
Securing Water for Southern California



SoCal's Water Use Declined by Nearly 40%

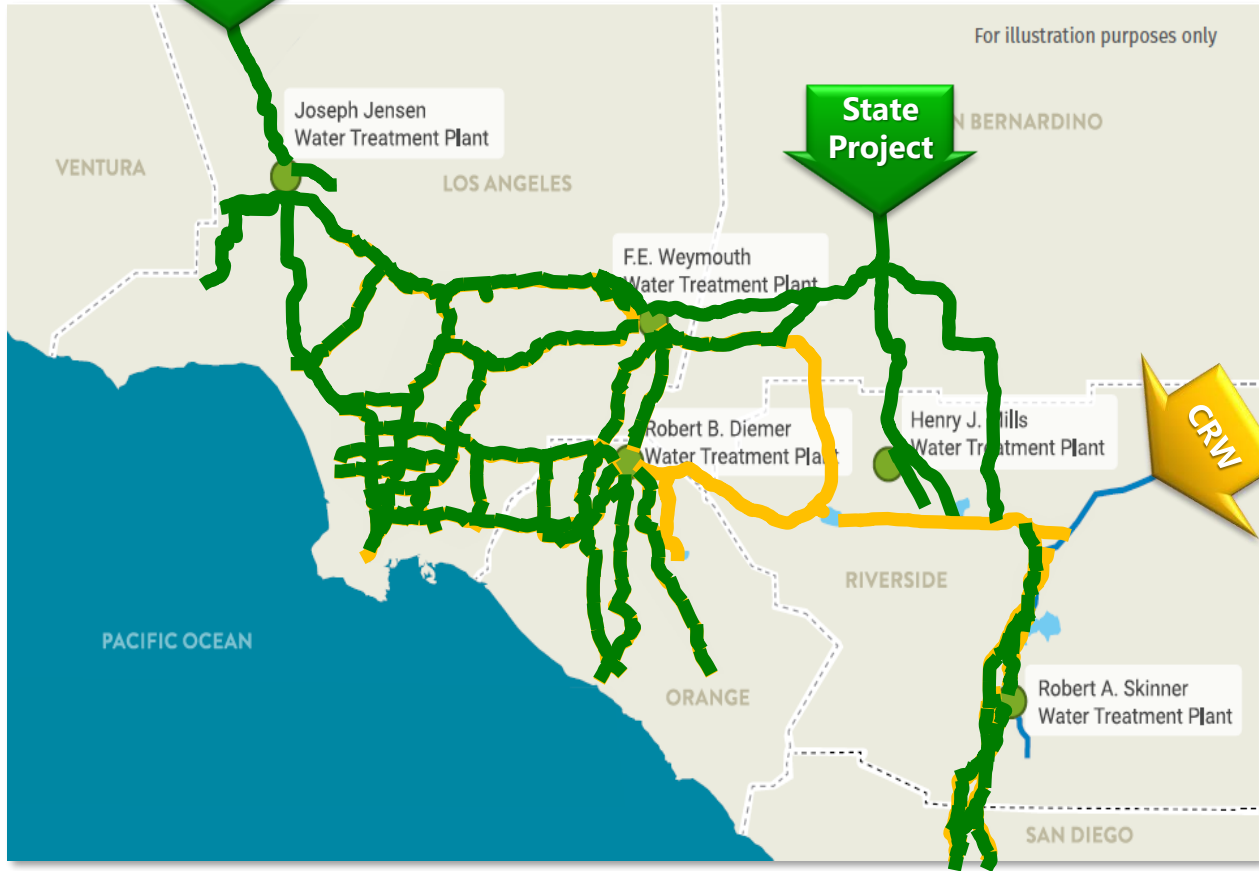
Outreach

bewaterwise.com[®]



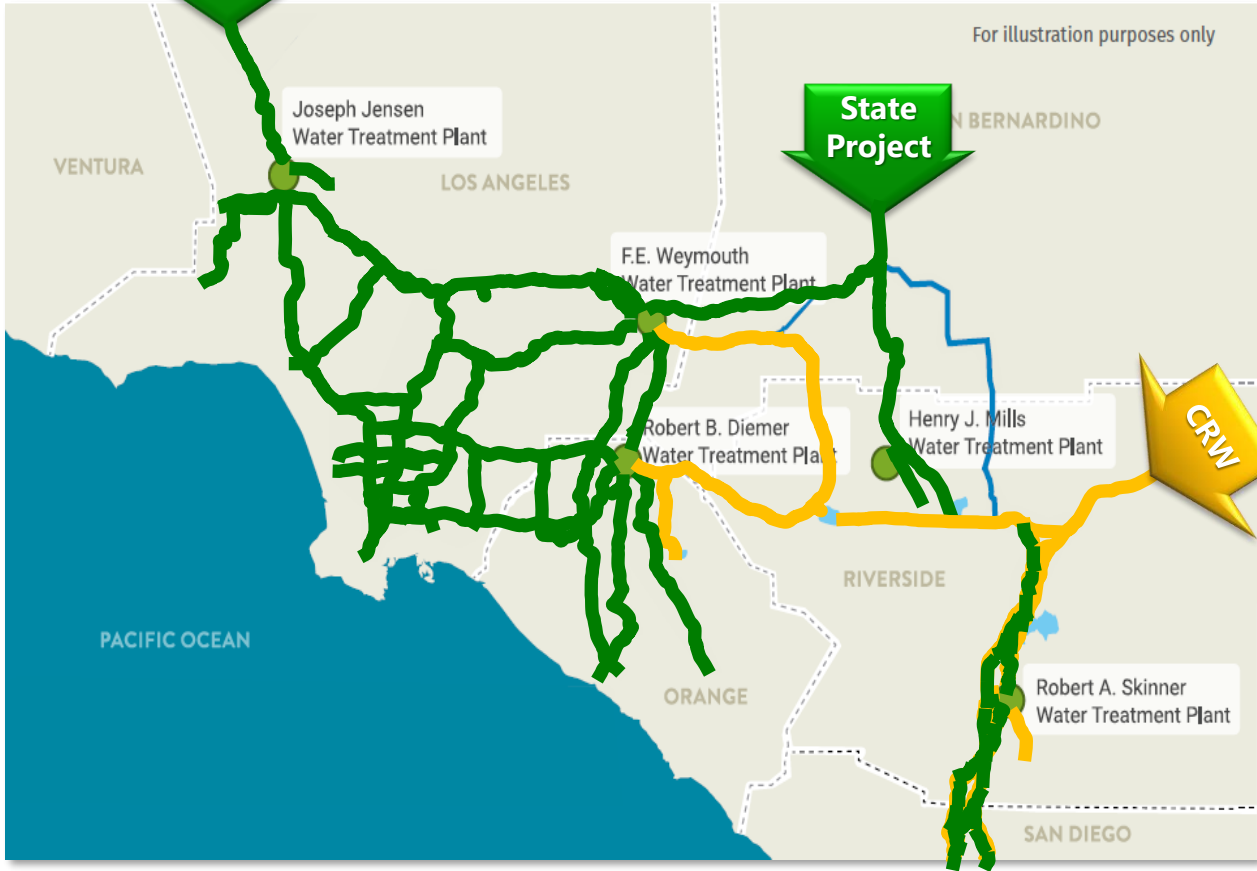
One  Water

Flexible Supply System Benefits Region



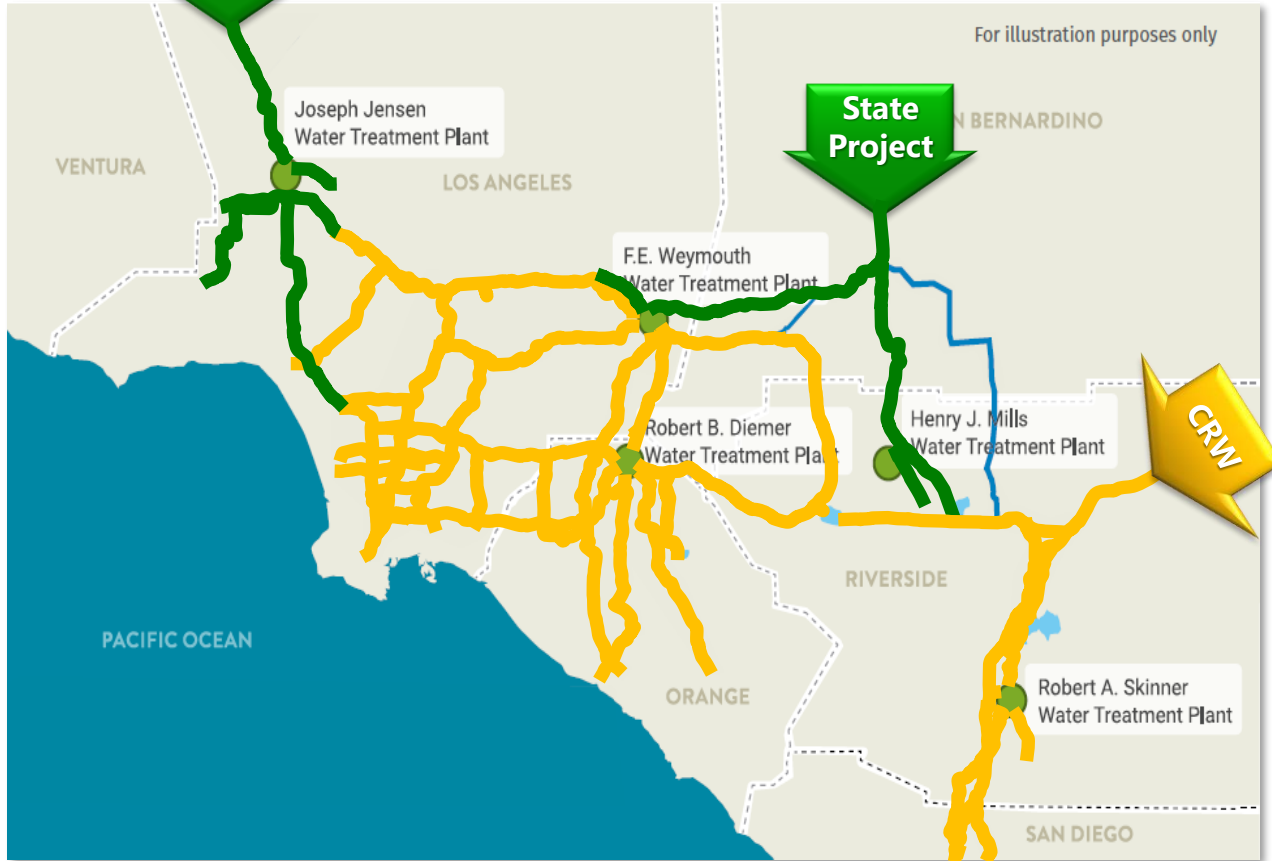
During most years

Flexible Supply System Benefits Region



When State Water Project
(Northern California)
Supplies are
abundant

Flexible Supply System Benefits Region



When State Water Project
(Northern California)
Supplies are
scarce

Imported Water Supplies are Stressed

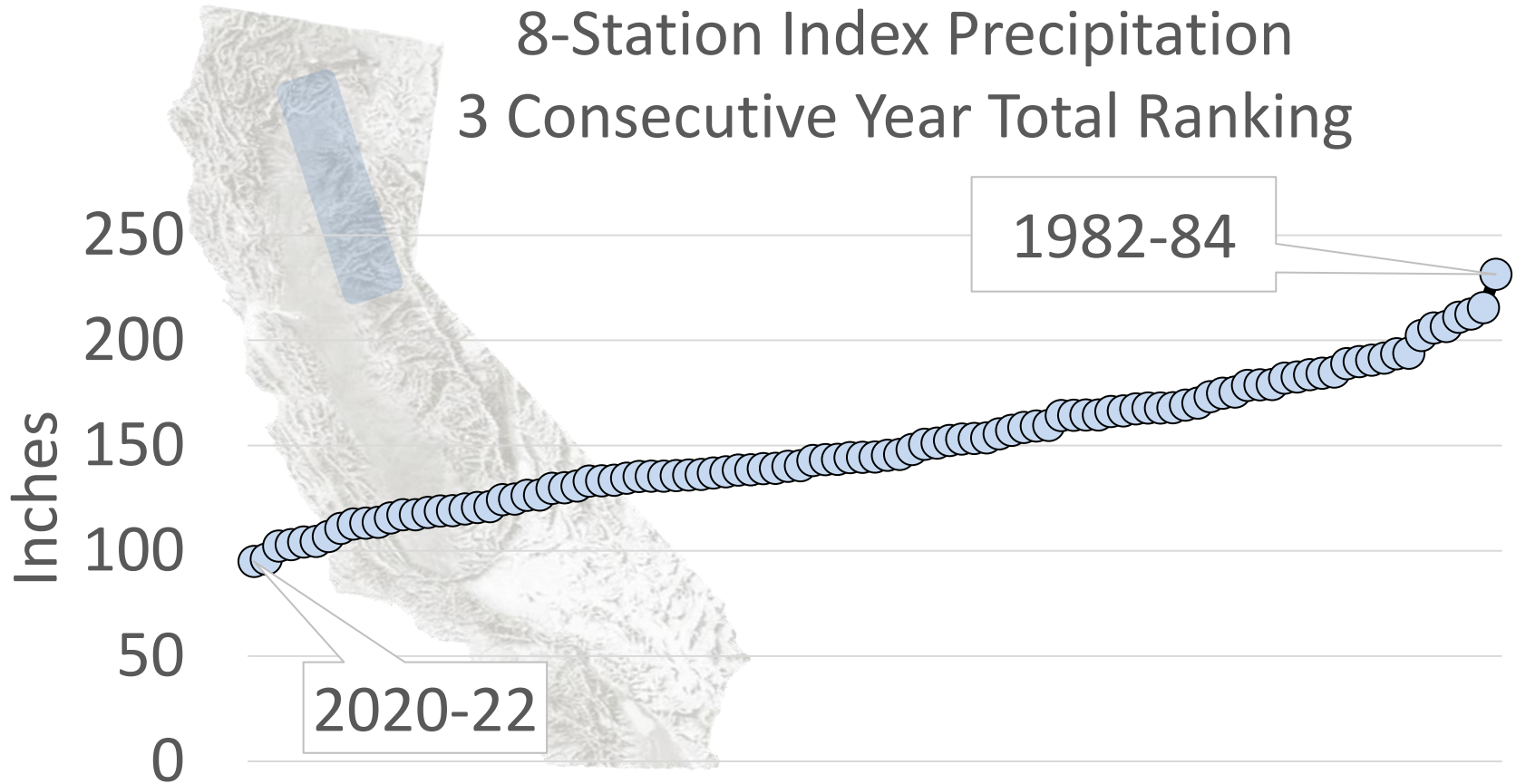
**Lowest 3-year deliveries from
State Water Project (No. Cal.)**

**Shortage declared for
Lower Colorado River Basin**

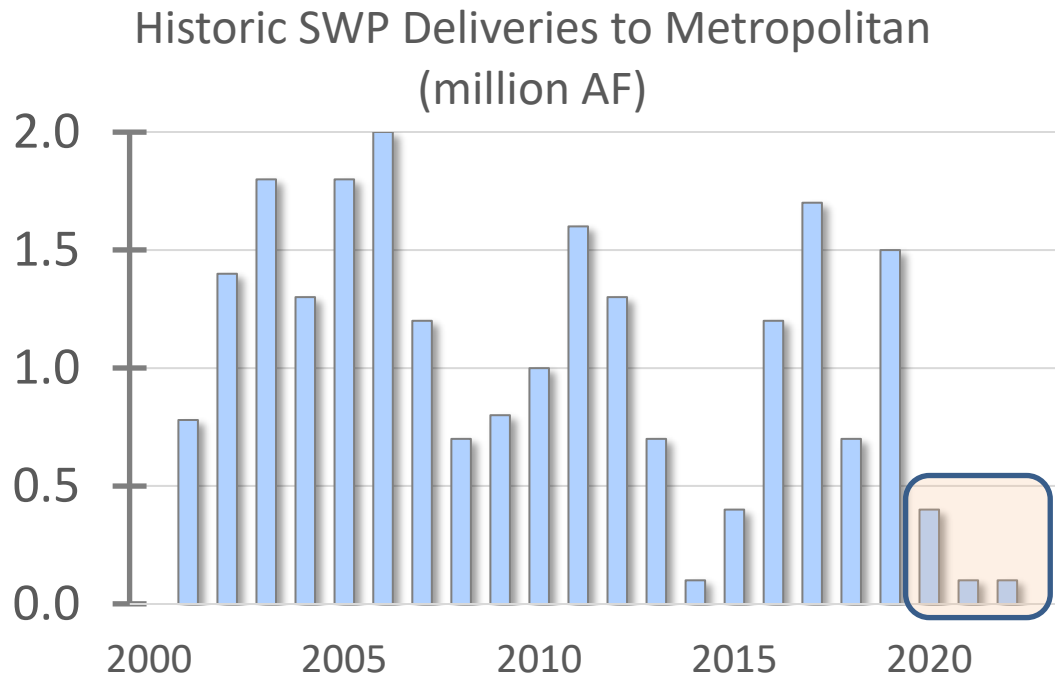


Driest Three-Year Sequence of Record

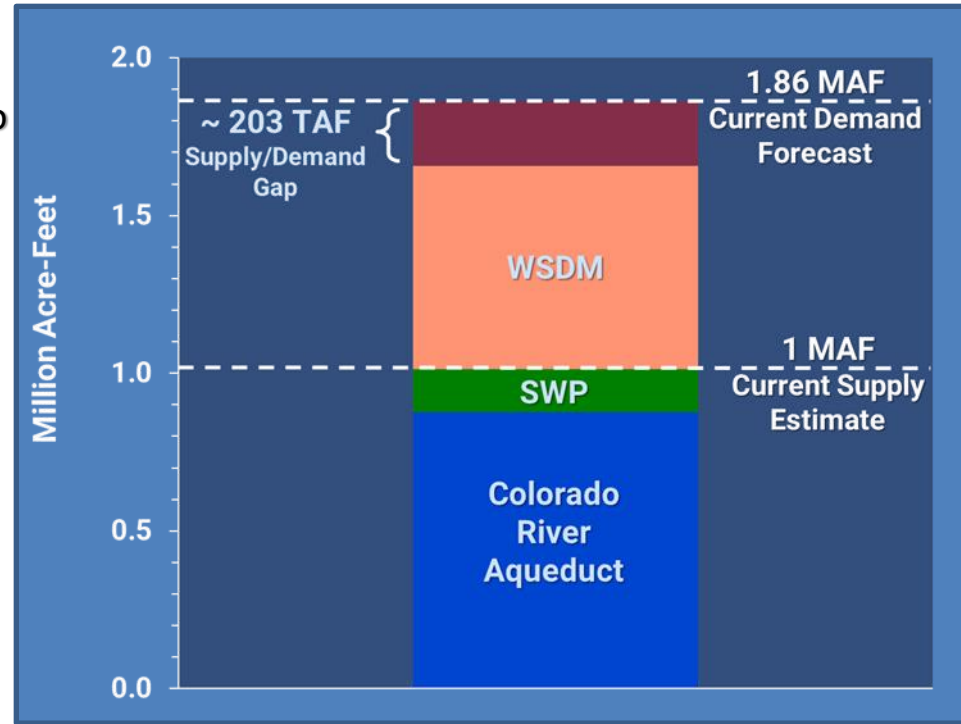
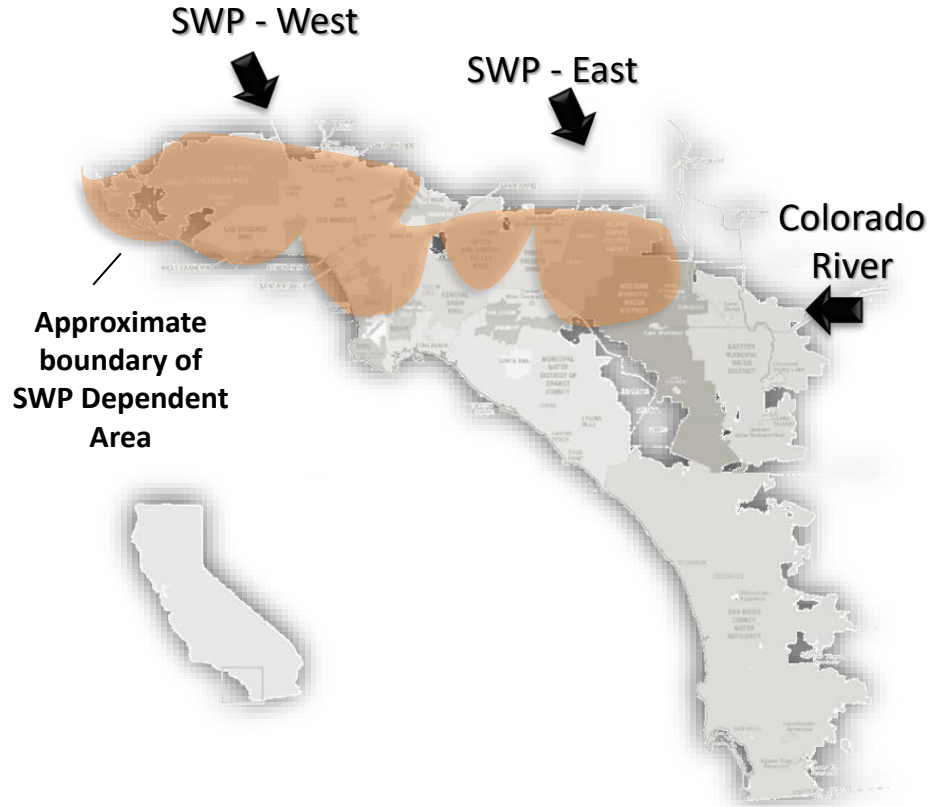
8-Station Index Precipitation
3 Consecutive Year Total Ranking



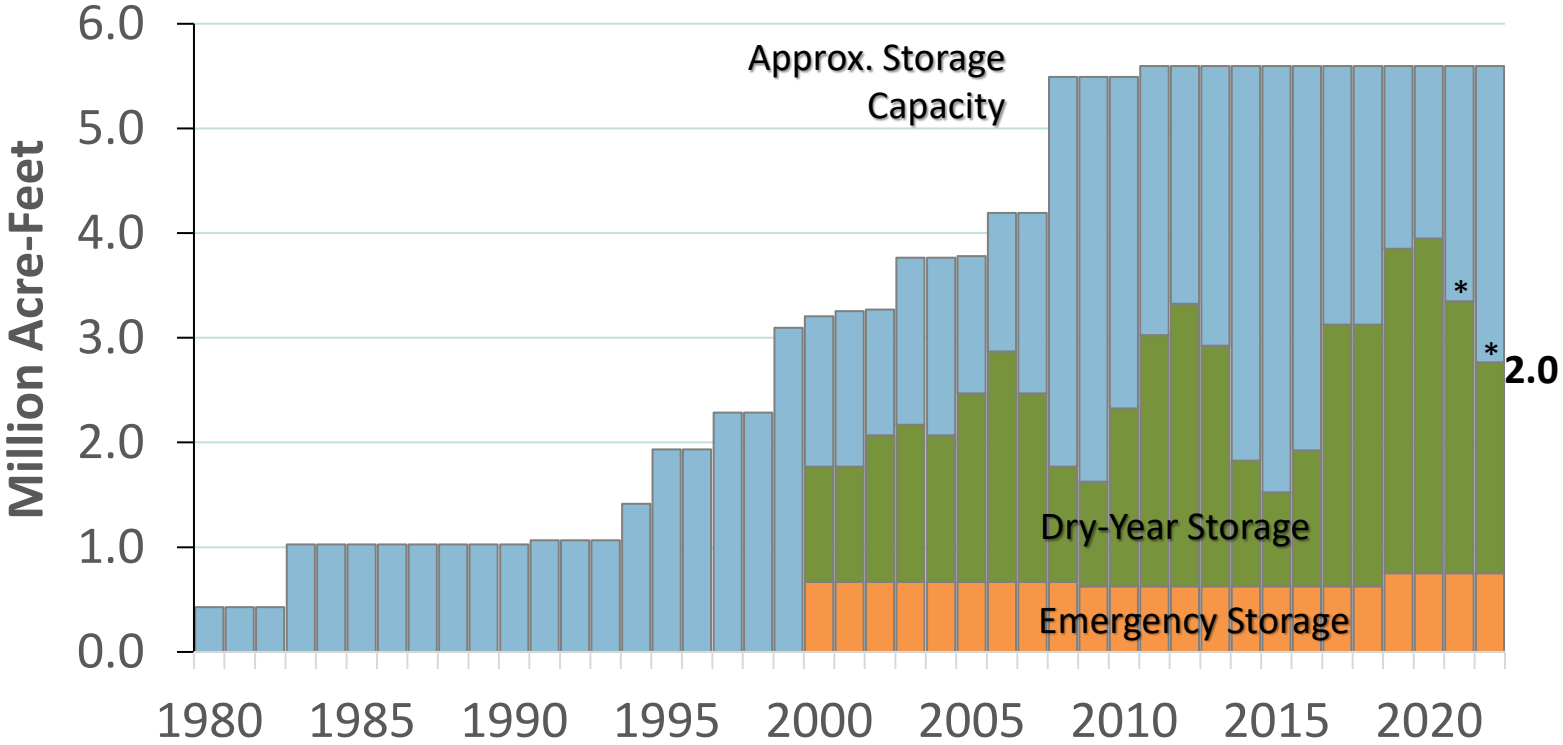
Drought Accelerated over Three Years



Greatest Challenge for Areas Served from No. Calif.

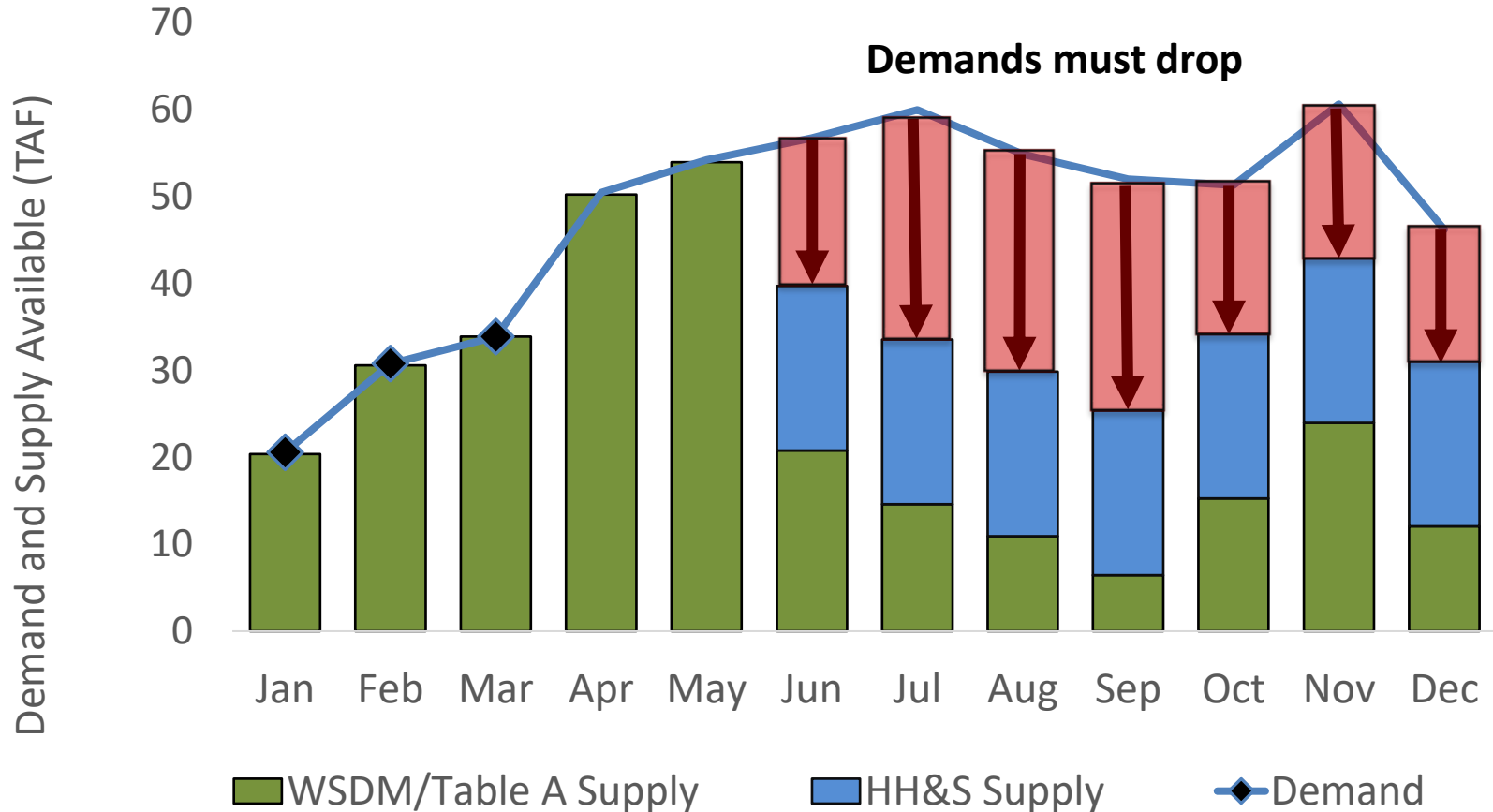


Storage Is Being Used – But There Are Constraints

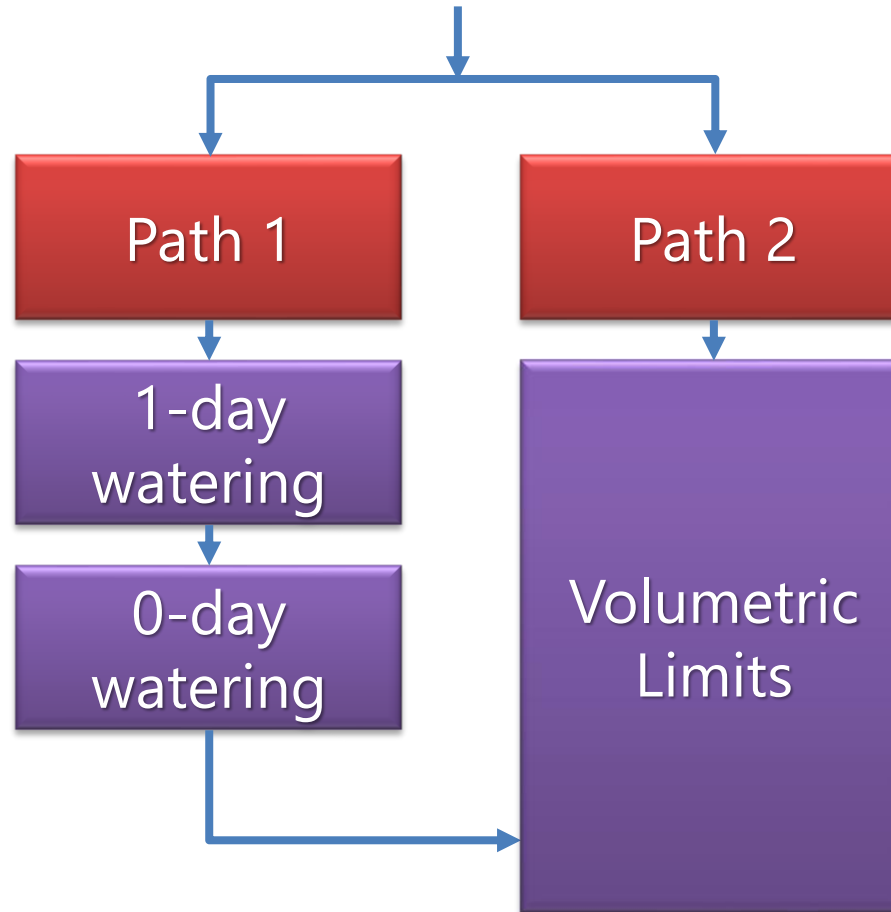


* Estimated

2022 SWP Dependent Area Demand for MWD Supply



Emergency Conservation Begins June 1



SWP-Dependent Area Messaging



Drought **Emergency** //

Cut back outdoor watering to one day a week.

// For more information, visit www.calleguas.com



bewaterwise.com[®]



Drought **Emergency** //

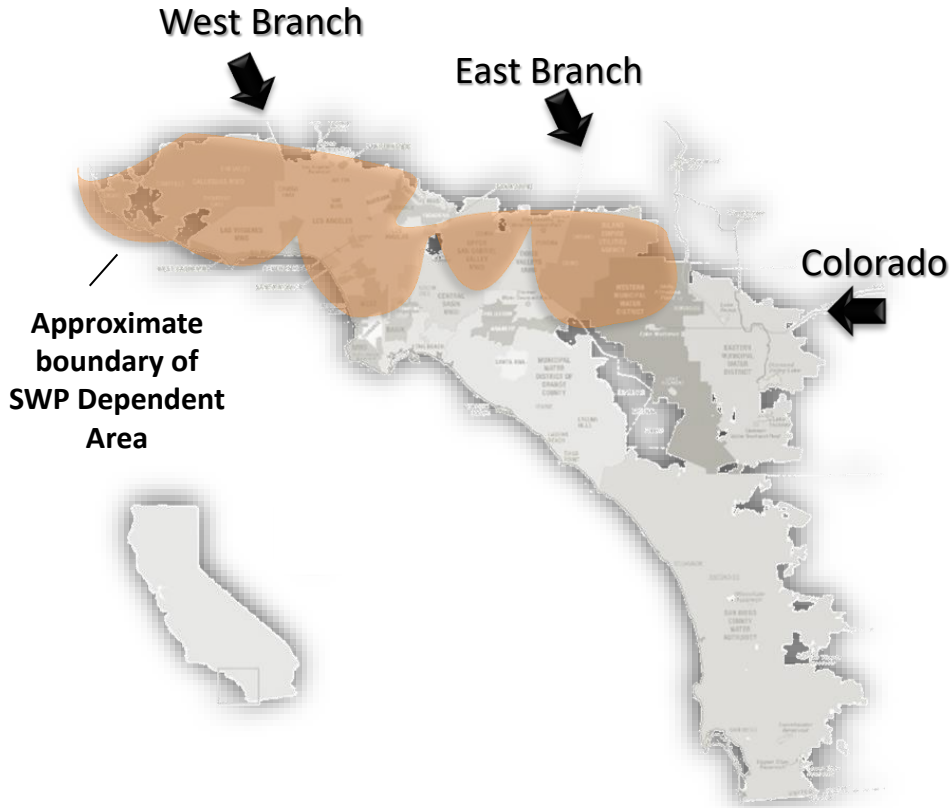
Cut back outdoor watering to one day a week.

// For more information, visit www.lvmwd.com



bewaterwise.com[®]

Why Not Other Areas Now?



Pending requirement for all urban areas to reduce use by up to 20%

Overall - storage is available, but declining

Colorado River water available, but system is in stress

Lake Mead has dropped 25 feet since January



Items Appearing as Mead Drops



SNWA's Original Intake



Human Remains Found in Barrel



Ghost Ship Emerges

June 14, 2022: Commissioner Touton Calls for 2 – 4 MAF of Water Reductions in 2023



One Water Approach Addresses Uncertainties



Maintain reliable supply from the Colorado River



Modernize and secure supply reliability for the State Water Project



Complete distribution system improvements to allow water to move through region

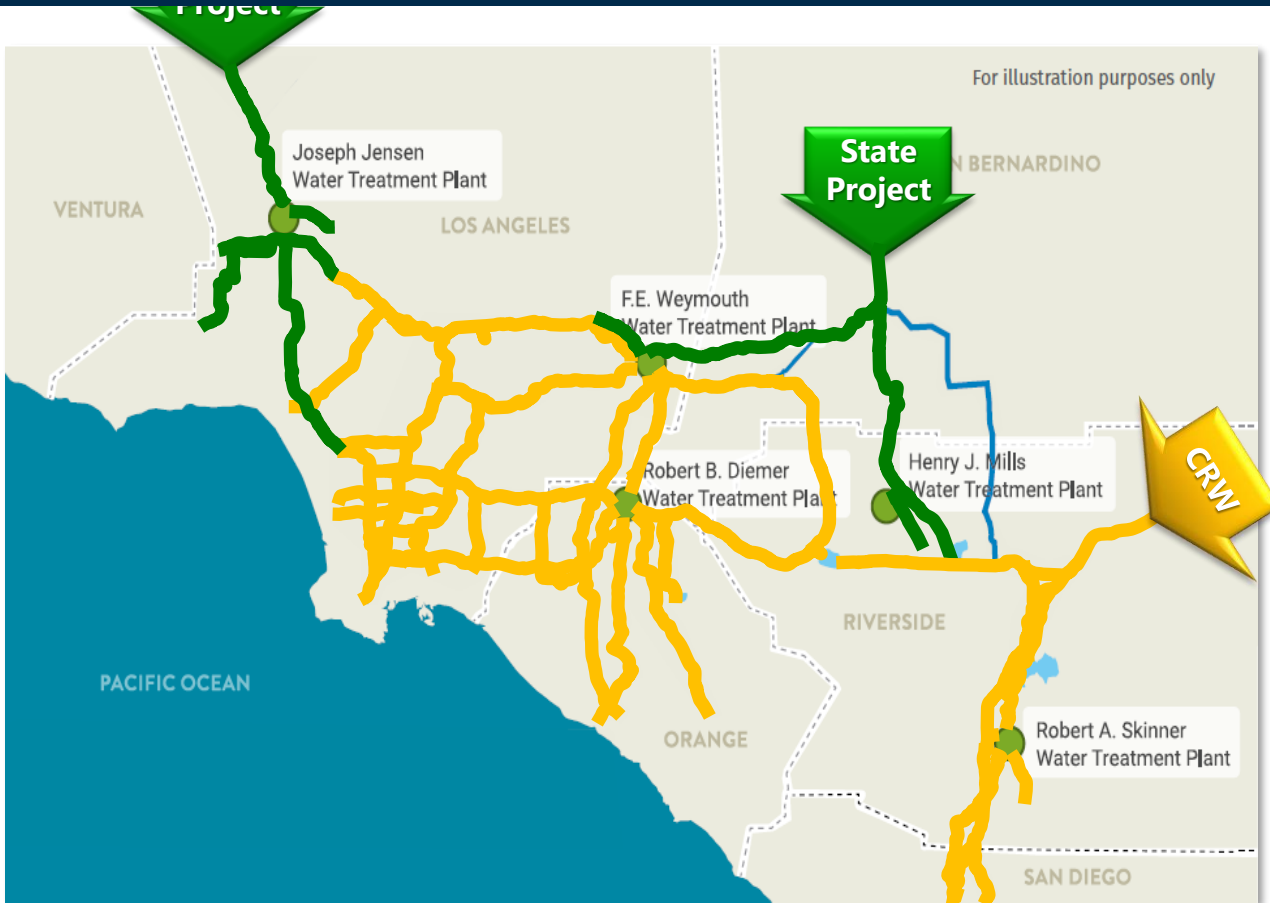


Meet future demand by expanding local supply, including Pure Water Southern California



Eliminate non-functional turf

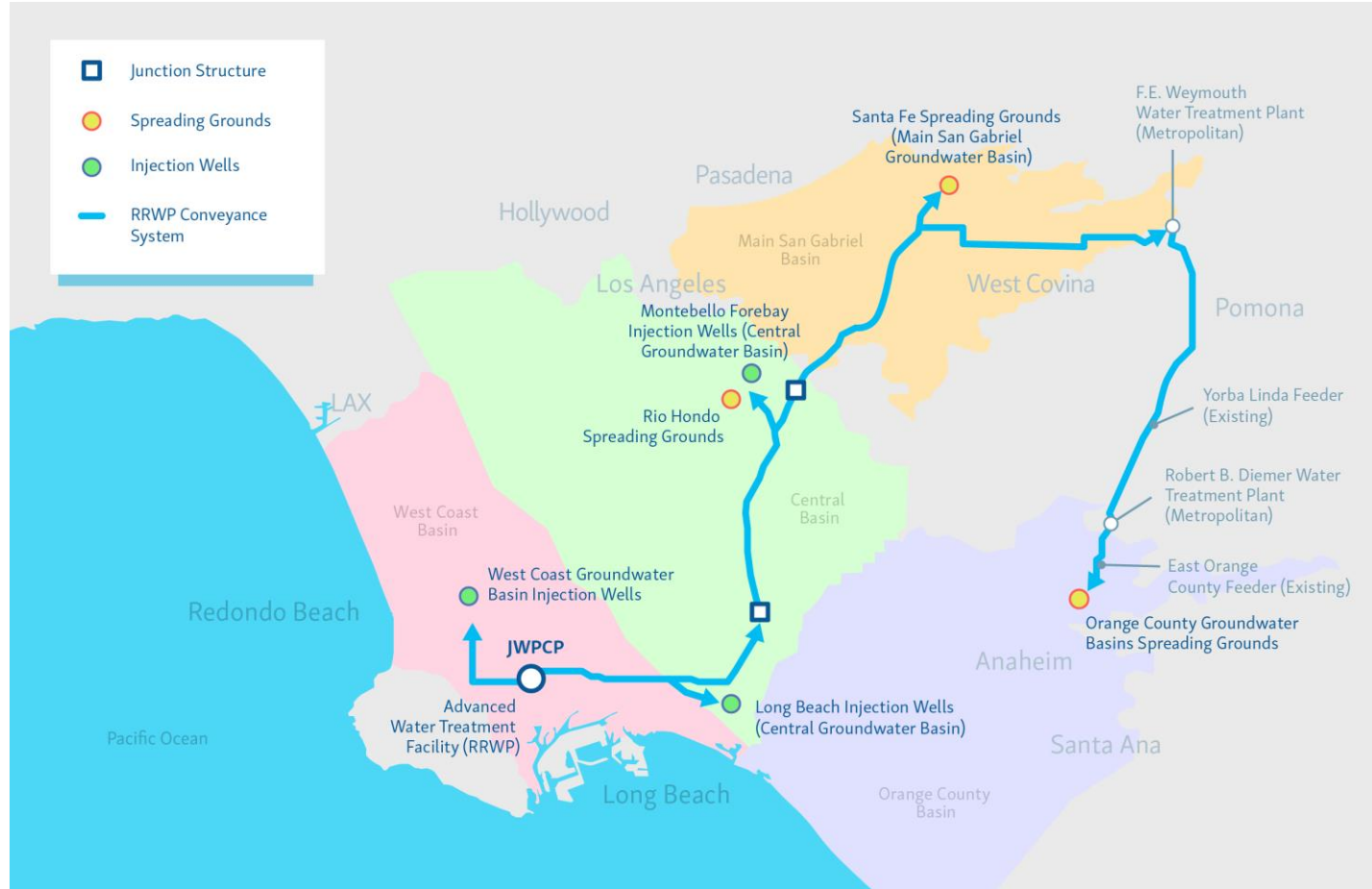
Interconnections To Eliminate SWP Dependent Areas



Multiple projects underway to allow other Metropolitan supplies to move into these areas

Large-Scale Recycled Water Provides Climate Resilience

Up to 150 million gallons per day



Lessons from Living in the Dash



- Record-breaking drought and warming climate accelerate our need to change
- This disruption is unacceptable:
 - We commit to equivalent level of water supply reliability
 - We must improve our water efficiency
- Bold action needed, and we will lead this adaptation





Deven Upadhyay
AGM and Executive Officer
DUpadhyay@mwdh2o.com

August 9, 2022

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – July 2022

Dear Board Members:

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

- Managed 387.4 acre-feet of water through system.
- Collected weekly potable water samples and Quarterly Disinfectant Byproducts samples as required by the State Water Resources Control Board, Division of Drinking Water. Collected routine wastewater monitoring samples as well as Quarterly, Semi-annual, and Annual 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 6,392.
- 5 shut offs.
- Responded 78 service calls.
- Installed 4 meters for the various developers.
- Responded to 70 USA Dig Alerts to mark District underground utilities.

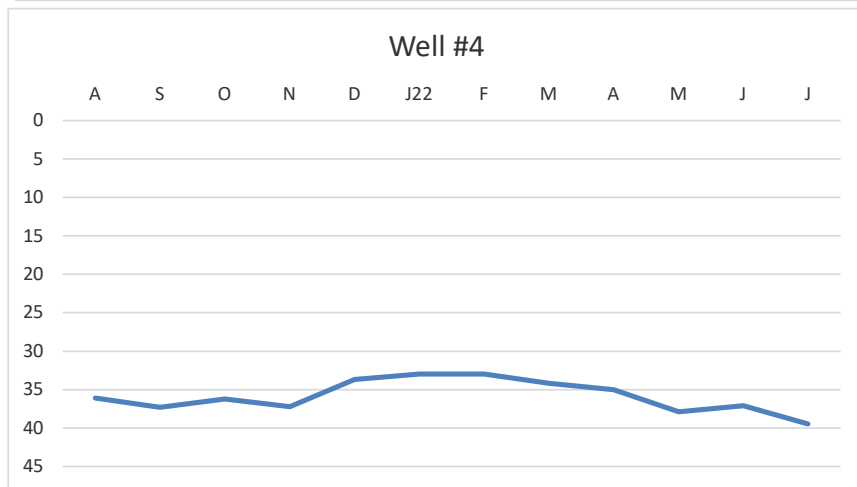
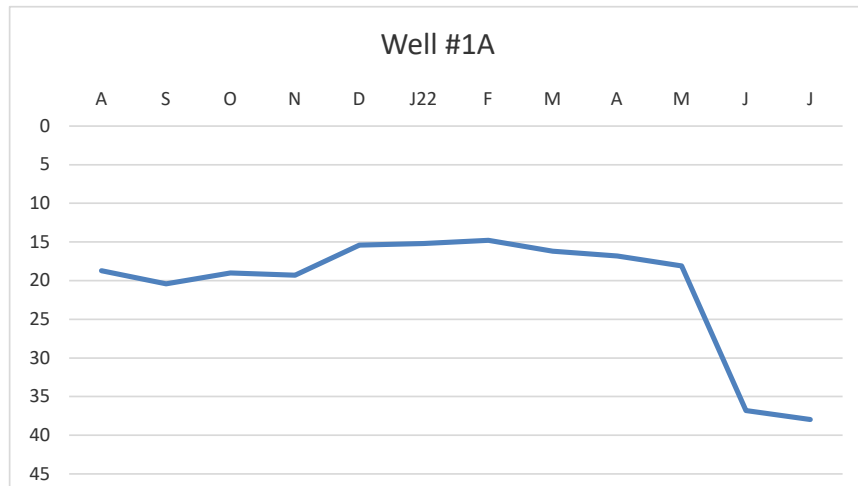
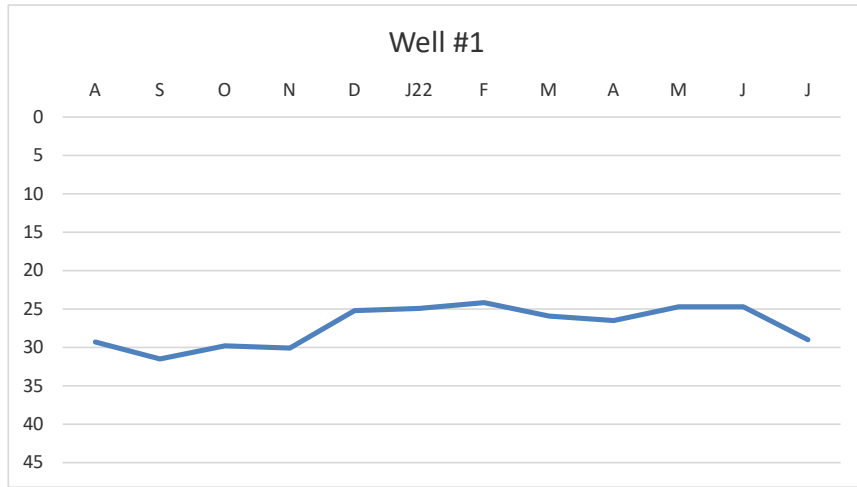
In addition to the above regular and routine tasks we also performed the following operational tasks.

- 1 load of biosolids hauled off this month.
- Annual instrument calibrations for the Treatment Facility conducted by outside contractor.

- Contractor installed a new motor for the Dewatering Well to replace a failed unit.
- Staff assisted contractor to repair a reclaimed line leak and relocated a service line.
- Vactor Service contractor brought in to clean the Retreat Sewer Lift Station and the EQ wet well at the Treatment Facility.
- New toilets installed in the Ops. Bldg. restrooms to replace older less efficient models.
- New valves for the air lines installed on SBR #4 & #5 to replace leaking original valves.

Sincerely,

Paul Bishop, Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: August 18, 2022
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of August 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: A public bid opening was held for this project but only one bid was received. We are currently reformatting this project to separate the frame and cover rehabilitation from the coatings portion of the project to encourage more contractors to propose on the project.

Project 1401.2207: Wildrose Reservoir Design: The geotechnical engineering and surveying field work has been completed for the project. We are currently waiting for the field obtained information to be processed and sent to us so we can begin our design.

10% Complete