

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
NOVEMBER 23, 2021, 8:30 A.M. AT
THE DISTRICT'S ADMINISTRATIVE OFFICE
22646 TEMESCAL CANYON ROAD,
TEMESCAL VALLEY, CALIFORNIA 92883**

The following is a summary of the rules of order governing meetings of the Temescal Valley Water District Board of Directors:

AGENDA ITEMS

In case of an emergency, items may be added to the Agenda by a majority vote of the Board of Directors. An emergency is defined as a work stoppage; a crippling disaster; or other activity, which severely imperils public health, safety or both. Also, items, which arise after the posting of Agenda, may be added by a two-thirds vote of the Board of Directors.

PUBLIC COMMENT

Persons wishing to address a matter not on the Agenda may be heard at this time; however, no action will be taken until placed on a future agenda in accordance with Board policy.

NOTICE TO PUBLIC

All matters listed under the Consent Calendar will be voted upon by one motion. There will be no separate discussion of these items, unless a Board Member or member of the public requests that a particular item(s) be removed from the Consent Calendar, in which case, they will be considered separately under New Business.

**IF ANYONE WISHES TO SPEAK WITH THE BOARD
ABOUT ANY CONSENT CALENDAR MATTER(S),
PLEASE STATE YOUR NAME, ADDRESS,
AND APPROPRIATE ITEM NUMBER(S).**

AFFIDAVIT OF POSTING

I, Allison Harnden, Office Manager of the Temescal Valley Water District, hereby certify that I caused the posting of the Agenda at the District office at 22646 Temescal Canyon Road, Temescal Valley, California 92883 before November 20, 2021.

Allison Harnden, Office Manager

**AGENDA FOR REGULAR MEETING
November 23, 2021**

Page No.

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

BOARD ITEMS:

4. **Minutes of the October 26, 2021 Regular Meeting.** 7-10
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** 11-14
RECOMMENDATION: Approve Report and authorize payment of the October 26-November 23, 2021 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** 15-31
 - a. Revenue & Expenditure Reports.
RECOMMENDATION: Note and file.
7. **Urban Water Management Plan.** (-)
 - a. Open Public Hearing.
 - b. Public Comment.
 - c. Discussion on Urban Water Management Plan. **Presentation under
separate cover**
 - d. Close Public Hearing.
 - e. Resolution No. R-21-20 Adopting an Addendum to the 2015 Urban Water Management Plan. 32-53
RECOMMENDATION: Adopt Resolution No. R-21-20.

	<u>Page No.</u>
f. Resolution No. R-21-21 Adopting the 2020 Urban Water Management Plan.	54-58
RECOMMENDTION: Adopt Resolution No. R-21-21.	
g. Resolution No. R-21-22 Adopting the Water Shortage Contingency Plan.	59-63
RECOMMENDTION: Adopt Resolution No. R-21-22.	
8. TVWD Five Year Financial Plan by IB Consulting.	Presentation under separate cover
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. 817 houses occupied to date. 57% complete.	
12. Kiley Property Development.	(-)
a. Project Update.	
b. 84 homes to be built. 0 houses occupied to date.	
13. Water Utilization Reports.	64-76
RECOMMENDATION: Note and file.	
14. Sustainable Groundwater Management Act.	(-)
a. Project Update.	
15. Committee Reports.	
a. Finance/Legislation (Director Rodriguez).	
1. Finance Committee Meeting Agenda 11/16/21.	77

	<u>Page No.</u>
b. Engineering/Operations (Director Myers).	(-)
c. Public Relations (Allison Harnden).	(-)
16. General Manager's Report.	
a. General Manager's Report.	78-79
b. Pacific Hydrotech Corporation Payment Request #24. RECOMMENDATION: Authorize the payment of \$197,364.74 to Pacific Hydrotech as well as a retention payment of \$10,387.62 to be deposited into an Escrow Account for a total of \$207,752.36.	80-95
c. TVWD JCFA with the Community Facilities District No. 21-1 of the Corona-Norco Unified School District. RECOMMENDATION: Approve Agreement and authorize the General Manager to execute of behalf of TVWD.	96-120
d. SDG Investments, LLC transfer of owned EDUs from APN 283-110-064 to Leinen Family Trust APN 283-120-019. RECOMMENDATION: To be made by the Board.	121-127
e. Western Municipal Water District water supply update.	128-148
17. Operations Report.	149-151
a. Water and Sewer Operations.	
18. District Engineer's Report.	
a. Status of Projects.	152-153
b. Trilogy Parkway Potable Waterline Project Progress Payment #2. RECOMMENDATION: Authorize the payment of \$183,479.20 to Downing Construction as well as a retention payment of \$9,656.80 to be held by the District for a total of \$193,136.00.	154-157
19. District Counsel's Report.	(-)

	<u>Page No.</u>
20. Seminars/Workshops.	(-)
21. Consideration of Correspondence. An informational package containing copies of all pertinent correspondence for the Month of October will be distributed to each Director along with the Agenda.	158
22. Adjournment.	(-)

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

October 26, 2021

PRESENT

C. Colladay
P. Rodriguez
F. Myers

ABSENT

J. Butler
D. Harich

GUESTS

T. Davis
J. Sincich

STAFF

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

1. Roll Call and Call to Order.

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

2. Presentations and Acknowledgments.

- 3. Public Comment** – Jerry Sincich asked the Board about the potential for interactive Zoom participation at future in person meetings. He also inquired as to what affect the County’s plan for redistricting would have on the water district.

BOARD ITEMS:

4. Minutes of the September 28, 2021 Regular Meeting.

ACTION: Director Rodriguez moved to approve the minutes with the addition that Item 19. Closed Session resulted in no reportable action. Director Myers seconded. Motion carried unanimously.

5. Payment Authorization Report.

ACTION: Director Rodriguez moved to approve the September 28-October 26, 2021 invoices. Director Myers seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: Note and file.

7. **Trilogy Development.**
 - a. Homeowners Association update.
 - b. Golf Course update.
8. **Retreat Development.**
 - a. Project Update.
9. **Terramor Development (Forestar Toscana).**
 - a. Project Update.
 - b. CFD No. 4 Terramor, Improvement Area No. 2 Special Tax Bonds 2021.
 - c. 1443 homes to be built. 817 houses occupied to date. 57% complete.
10. **Kiley Property Development.**
 - a. Project Update.
 - b. 79 houses to be built. 0 houses occupied to date.
11. **Water Utilization Reports.**

ACTION: Note and file.
12. **Sustainable Groundwater Management Act.**
 - a. Project Update.
13. **Committee Reports.**
 - a. Finance/Legislative (Director Rodriguez).
 - b. Engineering/Operations (Director Myers).
 1. October 19, 2021 Agenda.
 - c. Public Relations (Allison Harnden) – Allison asked the Board about moving the December Board Meeting up one week from Dec. 28th to Dec. 21st to accommodate the Christmas holiday.
14. **General Manager's Report.**
 - a. General Manager's Report – The General Manager reported on current projects.

b. Pacific Hydrotech Corporation Payment Request #23.

ACTION: Director Myers moved to authorize the payment of \$191,438.23 to Pacific Hydrotech as well as a retention payment of \$10,075.70 to be deposited into an Escrow Account for a total of \$201,513.93. Director Rodriguez seconded. Motion carried unanimously.

15. Operations Report.

a. Water and sewer operations.

16. District Engineer's Report.

a. Status of Projects.

b. Trilogy Parkway Potable Waterline Project Progress Payment No. 1.

ACTION: Director Myers moved to authorize the payment of \$217,660.20 to Downing Construction as well as a retention payment of \$11,455.80 to be held by the District. Director Rodriguez seconded. Motion carried unanimously.

17. District Counsel's Report – None.

18. Seminars/Workshops.

19. Consideration of Correspondence.

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

20. Adjournment.

There being no further business, the October 26, 2021 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 11:28 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 NOVEMBER 23, 2021

Check #	Date	Payee ID	Payee	Amount
26138	10/21/21	FM	FRED H. MYERS-ENG	295.65
26139	10/21/21	JT	JUAN TORRES-TRK MAINT	90.00
26140	10/21/21	REFUND	ALEXANDER OLEKSYSZYN	562.97
26141	10/21/21		VOID	-
26142	10/29/21	AD	PAYROLL	-
26143	10/29/21	BE	PAYROLL	-
26144	10/29/21	CG	PAYROLL	-
26145	10/29/21	DB	PAYROLL	-
26146	10/29/21	JH	PAYROLL	-
26147	10/29/21	KN	PAYROLL	-
26148	10/29/21	LK	PAYROLL	-
26149	10/29/21	MM	VOID	-
26150	10/29/21	PB	PAYROLL	-
26151	10/29/21	FI01	FIDELITY INVESTMENTS	800.00
26152	10/29/21	MM	PAYROLL	-
26153	10/26/21	UHC	UNITED HEALTH CARE	173.66
26154	10/26/21		VOID	-
26155	10/26/21	REFUND	JUNGKI SHIN	126.20
26156	10/26/21	REFUND	ERIC ALBER	11.50
26157	10/26/21	REFUND	MICHELLE PONCIANO	156.90
26158	10/26/21	REFUND	KERBY WARD	183.00
26159	10/26/21	REFUND	CHRIS & JERRI KUTTIG	195.67
26160	10/26/21	REFUND	RODNEY GUETTI	189.28
26161	10/26/21	REFUND	SALLIE JEAN SKINNER	112.80
26162	10/26/21	REFUND	CHRISTOPHER O'CONNOR	39.00
26163	10/26/21	REFUND	ELAINE COVARRUBIAS	186.50
26164	10/26/21	REFUND	TRUDY BROWN	188.15
26165	10/26/21	REFUND	DEANE PLEW	255.02
26166	10/26/21	REFUND	VOID	-
26167	10/27/21	BGM	BIG GIANT MEDIA	54.90
26168	10/27/21	CE01	CENTRAL COMMUNICATIONS	285.72
26169	10/27/21	CM01	CORE & MAIN	1,473.95
26170	10/27/21	CS01	CSDA - CAL.SPECIAL DISTR.ASSN	8,195.00
26171	10/27/21	DHWS	D&H WATER SYSTEMS	217.54
26172	10/27/21	DOW	DOWNING CONSTRUCTION, INC.	217,660.20
26173	10/27/21	MTM	MASTER TECH MECHANICAL	4,950.00
26174	10/27/21	NC	NORTHSTAR CHEMICAL	4,889.26

CAP-PH II KNABE PL
 YEARLY PREVENTATIVE MAINT

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 NOVEMBER 23, 2021

Check #	Date	Payee ID	Payee	Amount
26175	10/27/21		VOID	-
26176	11/4/21	JT	JUAN TORRES-TRK MAINT	120.00
26177	11/12/21	AD	PAYROLL	-
26178	11/12/21	BE	PAYROLL	-
26179	11/12/21	CG	PAYROLL	-
26180	11/12/21	DB	PAYROLL	-
26181	11/12/21	DH	DAVID HARICH-FIN	295.65
26182	11/12/21	JH	PAYROLL	-
26183	11/12/21	KN	PAYROLL	-
26184	11/12/21	LK	PAYROLL	-
26185	11/12/21	MM	PAYROLL	-
26186	11/12/21	PB	PAYROLL	-
26187	11/12/21	RO	PAUL RODRIGUEZ-FIN	295.65
26188	11/9/21	UHC	UNITED HEALTH CARE	173.66
26189	11/9/21	FI01	FIDELITY INVESTMENTS	800.00
26190	11/9/21	FI01	FIDELITY INVESTMENTS	800.00
26191	11/9/21	FI01	FIDELITY INVESTMENTS	1,060.80
26192	11/9/21	FI01	FIDELITY INVESTMENTS	257.74
26193	11/9/21	FI01	FIDELITY INVESTMENTS	800.00
26194	11/12/21	BE	PAYROLL	-
26195	11/12/21	AD	PAYROLL	-
26196	11/12/21	BE	VOID	-
26197	11/12/21	JH	PAYROLL	-
26198	11/12/21	BE	PAYROLL	-
26199-26247	11/16/21		VOID	-
26248	11/16/21	REFUND	ROBIN SCALI	166.29
26249	11/19/21	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	6,021.10
26250	11/19/21	ATT01	AT&T	668.05
26251	11/19/21	ATTM	AT & T MOBILITY	526.35
26252	11/19/21	BGM	BIG GIANT MEDIA	54.90
26253	11/19/21	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	4,873.09
26254	11/19/21	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00
26255	11/19/21	CE01	CENTRAL COMMUNICATIONS	185.76
26256	11/19/21	CHAC	CALIFORNIA HIGHWAY ADOPTION CO.	315.00
26257	11/19/21	CL01	CLAYSON, BAINER & SAUNDERS	4,750.00
26258	11/19/21	CM01	CORE & MAIN	2,553.53
26259	11/19/21	CMS	CMS MEDICARE INSURANCE	693.30

MONTHLY/CFD #4 REVIEW/CONTRACT REVIEW

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 NOVEMBER 23, 2021

Check #	Date	Payee ID	Payee	Amount	
26260	11/19/21	DMV	DMV	10.00	
26261	11/19/21	DSC	DATABASE SYSTEMS CORP.	502.63	
26262	11/19/21	DU01	DUDEK & ASSOCIATES-CONT MGT	19,567.40	
26263	11/19/21	DU02	DUDEK & ASSOCIATES-SPECIAL PROJECTS	556.00	
26264	11/19/21	DU03	DUDEK & ASSOCIATES-PASS THRU	9,060.00	
26265	11/19/21	DU04	DUDEK & ASSOCIATES-GENERAL ENGINEERING	4,543.99	
26266	11/19/21	EASI	ENGINEERED AIR SERVICES, INC.	200.00	
26267	11/19/21	FE01	FEDERAL EXPRESS	97.23	
26268	11/19/21	GMDM	GUTIRREZ MAINTENANCE/ DANIEL GUTIERREZ	350.00	
26269	11/19/21	HES	HOLLOWAY ENVIRONMENTAL SOLUTIONS	1,352.23	
26270	11/19/21	HO01	HOME DEPOT CREDIT SERVICES	177.22	
26271	11/19/21	ICL	IB CONSULTING, LLC	3,120.00	CAP-RATE STUDY
26272	11/19/21	KCI	KASSEL CONTRACTING INC.	5,200.00	CAP- PERK POD REHAB
26273	11/19/21	LCI	LEIGHTON CONSULTING INC.	7,714.94	CAP-TRILOGY LOOPING PH II
26274	11/19/21	MCCO	MUROW CM	11,447.50	CAP-CM PLT EXPANSION
26275	11/19/21	MH01	MCFADDEN-DALE HARDWARE CO.	306.63	
26276	11/19/21	MITI	MORR-IS TESTED IN	3,000.00	
26277	11/19/21	NC	NORTHSTAR CHEMICAL	13,953.55	
26278	11/19/21	PCE	PACIFIC COAST ENVELOPE INC	3,392.19	
26279	11/19/21	PLM01	PARRA LANDSCAPE MAINTENANCE	650.00	
26280	11/19/21	SA02	SAM'S CLUB	108.75	
26281	11/19/21	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	582.74	
26282	11/19/21	SEMA	SEMA INC.	981.73	
26283	11/19/21	SIL	SPARLING INSTRUMENTS LLC	1,374.58	
26284	11/19/21	ST01	STAPLES CREDIT PLAN	439.95	
26285	11/19/21	ST02	STATE COMPENSATION INSUR.FUND	1,978.16	
26286	11/19/21	TR01	TRAN CONTROLS SCADA SOLUTIONS, LLC.	6,193.48	MONTHLY/REPAIRS
26287	11/19/21	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	124,332.17	CAP- PLANT EXPAN SCADA
26288	11/19/21	TWC	SPECTRUM BUSINESS	12.29	
26289	11/19/21	UN01	UNDERGROUND SERVICE ALERT	96.44	
26290	11/19/21	USB01	US BANK GOVERNMENT SERVICES	942.28	
26291	11/19/21	VA01	VALLEY CITIES/GONZALES FENCE	1,950.00	
26292	11/19/21	WA01	WASTE MANAGEMENT - INLAND EMPIRE	300.78	
26293	11/19/21	WE01	WESTERN MUNICIPAL WATER DISTR.	354,377.73	
26294	11/19/21	WSC1	WATER SYSTEMS CONSULTING INC.	5,600.00	CAP-UWMP
26295	11/19/21	XI	XALOGY INC	5,202.67	
26296	11/19/21		VOID	-	

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT
NOVEMBER 23, 2021

Check #	Date	Payee ID	Payee	Amount
26297	11/19/21	REFUND	SHERI DAY	169.04
26298	11/19/21	REFUND	DANACA GUMAER	4.16
26299	11/19/21	REFUND	DANIEL AHUMADA	181.06
26300	11/19/21	REFUND	BRANDON MARRUFO	69.94
26301	11/19/21	REFUND	TRICIA THOMPSON	86.33
Total				<u>\$ 857,889.53</u>

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

Mel McCullough - Finance Manager

Mel McCullough - Finance Manager 11/23/21

TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
31-Oct-21

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			12,498,260
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,878,975
Water & Sewer Mains			31,015,411
General Equipment Sewer/Water/ Furniture			1,514,091
Buildings & Entrance Improvements			250,658
			\$ 68,563,152
Current Assets			
Cash - Wastewater	\$ 6,613,916		
Cash - Water		15,198,662	
Cash - ID #1		596,466	
Cash - ID #2		306,857	
Cash - Nonpotable		5,940,030	
Cash - Deposits		2,474,691	31,130,622
Accounts Receivable-Services/Developers			1,529,322
Assessment Receivable			167,491
Interest Receivable			1,207
Prepaid Expenses			32,947
Inventory			74,949
			\$ 32,936,538
Other Assets			
Work-in-Process			8,104,026
Deferred Outflows - Pension			163,609
TOTAL ASSETS			\$ 109,767,326

LIABILITIES

Current Liabilities			
Accounts Payable		\$	-
Security Deposits			1,276,511
Payroll & Payroll Taxes Payable			681,784
Capacity & Meter Deposits			427,410
Fiduciary Payments Payable			318,679
Developer Deposits			199,666
Other Deposits			252,424
			3,156,474
Long-term Liabilities			
TVRP Note			517,769
Deferred Inflows - Pension			67,214
TOTAL LIABILITIES			\$ 3,741,457

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			38,348,949
Water Fund Balance			51,871,103
ID #1 Fund Balance			638,759
ID #2 Fund Balance			549,524
Recycled Water Fund Balance			14,617,534
TOTAL FUND EQUITY			\$ 106,025,869
TOTAL LIABILITIES & FUND EQUITY			\$ 109,767,326

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	236,885	227,000	9,885	942,250	908,000	34,250	\$ 2,725,000	(1,782,750)
MONTHLY SERVICE CHARGE-ID #1	11,764	11,764	-	47,056	47,056	-	145,000	(97,944)
MONTHLY SERVICE CHARGE-ID #2	13,307	13,307	-	53,228	53,228	-	164,000	(110,772)
MONTHLY SEWER SERVICE CHG-R COM	15,535	12,800	2,735	64,137	51,300	12,837	154,000	(89,863)
MISC UTILITY CHARGES/ REVENUE	141	100	41	373	400	(27)	1,000	(627)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	-	1,700	(1,700)	-	6,800	(6,800)	20,000	(20,000)
TOTAL WASTEWATER REVENUE	277,632	266,671	10,961	1,107,044	1,066,784	40,260	3,349,000	(2,241,956)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	15,970	14,100	1,870	47,684	56,400	(8,716)	183,200	(135,516)
WAGES EXPENSE-INSPECTION	4,176	4,000	176	12,465	12,100	365	35,000	(22,535)
PAYROLL TAXES EXP	495	475	20	1,286	1,435	(149)	4,100	(2,814)
EMPLOYEE BENEFITS-INS	1,429	2,100	(671)	5,137	8,400	(3,263)	24,480	(19,343)
EMPLOYEE BENEFITS-RETIREMENT	2,131	2,550	(419)	8,366	10,200	(1,834)	30,500	(22,134)
OVERTIME OPERATION EXP	2,179	3,700	(1,521)	6,563	11,500	(4,937)	33,200	(26,637)
OVERTIME INSPECTION EXP	1,370	450	920	5,898	1,350	4,548	4,000	1,898
MILEAGE EXP	482	250	232	1,347	1,000	347	3,000	(1,653)
VACATION EXP	929	930	(1)	3,716	3,720	(4)	11,150	(7,434)
SCADA SYSTEM STANDBY EXP	-	350	(350)	-	1,400	(1,400)	4,160	(4,160)
SCADA SYSTEM ADMIN/MAINT	-	1,700	(1,700)	1,502	6,800	(5,298)	20,000	(18,498)
LABORATORY TESTING COSTS	-	1,950	(1,950)	5,997	7,800	(1,803)	23,000	(17,003)
SLUDGE DISPOSAL/PUMPING COSTS	6,989	8,300	(1,311)	16,832	33,200	(16,368)	100,000	(83,168)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	5,000	(5,000)	11,799	20,000	(8,201)	60,000	(48,201)
EQUIPMENT RENTAL COSTS	-	200	(200)	-	800	(800)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT	8,404	21,000	(12,596)	86,219	84,000	2,219	250,000	(163,781)
SEWER LINE REPAIRS	-	1,000	(1,000)	-	4,000	(4,000)	11,000	(11,000)
SEWER CLEANING AND VIDEO EXP	3,000	2,500	500	8,062	10,000	(1,938)	30,000	(21,938)
SECURITY AND ALARM EXP	-	250	(250)	641	1,000	(359)	3,000	(2,359)
PROPERTY MAINTENANCE	3,892	3,500	392	16,870	14,000	2,870	40,000	(23,130)
ENGINEERING/ADMIN. STUDIES	-	2,000	(2,000)	126	8,000	(7,874)	25,000	(24,874)
PLAN CHECK EXPENSE (TVWD)	-	1,000	(1,000)	-	4,000	(4,000)	10,000	(10,000)
ENERGY COSTS (EST)	33,200	23,000	10,200	132,777	92,000	40,777	277,000	(144,223)
CONSUMABLE SUPPLIES & CLEANING	380	1,000	(620)	2,102	4,000	(1,898)	10,000	(7,898)
CHEMICALS, LUBRICANTS & FUELS	5,370	13,750	(8,380)	41,194	55,000	(13,806)	165,000	(123,806)
SMALL EQUIPMENT & TOOLS COST	86	1,600	(1,514)	2,121	6,400	(4,279)	20,000	(17,879)
PERMITS, FEES & TAXES (WTR BRD FEE)	10	6,000	(5,990)	4,237	24,000	(19,763)	40,000	(35,763)
SAWPA BASIN MONITORING EXP	-	-	-	28,818	25,000	3,818	25,000	3,818
MAP UPDATING/GIS EXP	-	200	(200)	-	800	(800)	2,000	(2,000)
MISC. OPERATING EXP	-	100	(100)	-	400	(400)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	2,000	(2,000)
CONTINGENCIES	-	5,250	(5,250)	-	21,000	(21,000)	62,800	(62,800)
TOTAL OPERATING EXPENSES	90,492	128,205	(37,713)	451,759	529,705	(77,946)	1,536,590	(1,084,831)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	7,870	8,700	(830)	35,221	34,800	421	104,250	(69,029)
GENERAL ENGINEERING EXP	-	1,700	(1,700)	2,840	6,800	(3,960)	20,000	(17,160)
EMPLOYEE BENEFITS-INS	2,420	1,850	570	7,092	7,400	(308)	22,100	(15,008)
EMPLOYEE BENEFITS-RETIREMENT	2,221	2,400	(179)	8,172	9,000	(828)	28,800	(20,628)
WAGES EXPENSE	17,069	21,600	(4,531)	49,539	64,800	(15,261)	187,000	(137,461)
VACATION EXP	638	1,100	(462)	3,990	4,400	(410)	12,885	(8,895)
PAYROLL TAX EXPENSES	295	350	(55)	1,187	1,040	147	2,900	(1,713)
OVERTIME EXP	798	100	698	798	400	398	2,000	(1,202)
MILEAGE EXP ADMIN	-	20	(20)	-	80	(80)	250	(250)
CONTRACT STAFFING EXP	-	300	(300)	-	1,200	(1,200)	4,000	(4,000)
LEGAL EXPENSES	700	800	(100)	3,762	3,200	562	10,000	(6,238)
AUDIT EXPENSES	-	-	-	-	-	-	6,000	(6,000)
BOARD COMMITTEE MEETING EXP.	960	1,200	(240)	3,540	4,800	(1,260)	14,400	(10,860)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	8,400	(8,400)
COMPUTER SYSTEM ADMIN	2,081	2,500	(419)	7,524	10,000	(2,476)	30,000	(22,476)
BANK CHARGES EXP	3,121	3,000	121	12,070	12,000	70	35,000	(22,930)
MISCELLANEOUS & EDUCATION EXP	-	250	(250)	149	1,000	(851)	3,000	(2,851)
TELEPHONE, FAX & CELL EXP	951	1,250	(299)	5,346	5,000	346	15,000	(9,654)
OFFICE SUPPLIES EXP	1,012	1,250	(238)	4,652	5,000	(348)	15,000	(10,348)
PRINTING EXPENSES	-	1,000	(1,000)	1,569	4,000	(2,431)	12,000	(10,431)
POSTAGE & DELIVERY EXPENSE	984	1,000	(16)	3,855	4,000	(145)	12,000	(8,145)
PUBLICATIONS, NOTICES & DUES	(553)	200	(753)	(93)	800	(893)	2,000	(2,093)
EQUIPMENT LEASE EXPENSES	595	700	(105)	2,380	2,800	(420)	8,000	(5,620)
INSURANCE EXPENSES	1,483	2,600	(1,117)	7,206	10,400	(3,194)	31,200	(23,994)
ANNUAL ASSESSMENT EXP	-	3,500	(3,500)	1,436	3,500	(2,064)	3,500	(2,064)
COMMUNITY OUTREACH EXP	-	-	-	945	-	945	8,000	(7,055)
INVESTMENT EXP	400	400	-	1,200	1,600	(400)	4,800	(3,600)
TOTAL ADMINISTRATIVE EXPENSES	43,045	57,770	(14,725)	164,380	198,020	(33,640)	602,485	(438,105)
TOTAL WASTEWATER EXPENSES	133,537	185,975	(52,438)	616,139	727,725	(111,586)	2,139,075	(1,522,936)
NET OPERATING REVENUE/EXPENSE	144,095	80,696	63,399	490,905	339,059	151,846	1,209,925	(719,020)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	458	1,500	(1,042)	3,956	6,000	(2,044)	18,000	(14,044)
PROPERTY TAX INCOME	-	-	-	704	-	704	75,000	(74,296)
TOTAL NON-OPER SOURCE OF FUNDS	458	1,500	(1,042)	4,660	6,000	(1,340)	93,000	(88,340)
TOTAL SEWER REVENUE/EXPENSE	144,553	82,196	62,357	495,565	345,059	150,506	1,302,925	(807,360)
TRANSFER TO CAPITAL FUND-REPLACEMENT				210,945				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				284,620				
CONNECTION FEES				-				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2020-2021	7,232,843
TRANSFER FOR CAPITAL FUND REPLACEMENT	210,945
TRANSFER FOR CAPITAL IMPROVEMENTS	284,620
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(1,547,246)</u>
TOTAL FUNDS AVAILABLE	<u>6,181,162</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
<u>WATER DEPARTMENT</u>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	160,262	160,000	262	637,667	640,000	(2,333)	1,920,000	(1,282,333)
WATER USAGE CHARGES	382,299	429,000	(46,701)	1,973,963	1,992,000	(18,037)	4,900,000	(2,926,037)
WATER PUMPING CHARGE	16,507	17,000	(493)	83,567	78,000	5,567	192,000	(108,433)
FIRE PROTECTION CHARGES	3,319	3,750	(431)	13,299	15,000	(1,701)	45,000	(31,701)
MISC. UTILITY CHARGES	552	825	(273)	3,317	3,300	17	10,000	(6,683)
SERVICE METER INCOME	6,900	5,000	1,900	29,400	20,000	9,400	60,000	(30,600)
CELLULAR SITE LEASE	9,617	6,300	3,317	25,602	25,300	302	76,000	(50,398)
MWD READINESS TO SERVE CHARGE	10,678	11,150	(472)	42,487	44,600	(2,113)	133,700	(91,213)
STANDBY CHARGES	-	-	-	-	-	-	40,000	(40,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	-	2,500	(2,500)	-	10,000	(10,000)	30,000	(30,000)
TOTAL WATER REVENUE	590,134	635,525	(45,391)	2,809,302	2,828,200	(18,898)	7,436,700	(4,627,398)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	13,975	13,500	475	41,723	55,500	(13,777)	160,300	(118,577)
WAGES EXPENSE-INSPECTION	3,653	3,500	153	10,906	10,400	506	30,000	(19,094)
PAYROLL TAXES EXP	211	425	(214)	690	1,250	(560)	3,600	(2,910)
EMPLOYEE BENEFITS-INS	1,143	1,785	(642)	4,972	7,140	(2,168)	21,420	(16,448)
EMPLOYEE BENEFITS-RETIREMENT	1,847	2,250	(403)	8,400	9,000	(600)	27,000	(18,600)
OPERATION-MILEAGE EXP	-	125	(125)	-	500	(500)	1,500	(1,500)
OVERTIME EXPENSE OPER/ ON CALL	3,607	3,350	257	11,405	10,100	1,305	29,000	(17,595)
OVERTIME EXP INSPECTION	-	400	(400)	-	1,225	(1,225)	3,550	(3,550)
SCADA SYSTEM STANDBY EXP	-	300	(300)	-	1,200	(1,200)	3,640	(3,640)
VACATION EXP	813	800	13	3,252	3,200	52	9,752	(6,500)
CONTRACT STAFFING-METER READS	6,021	5,850	171	23,984	23,400	584	70,000	(46,016)
SCADA SYSTEM ADMIN/MAINT	-	800	(800)	1,315	3,200	(1,885)	10,000	(8,685)
LABORATORY TESTING COSTS	-	1,000	(1,000)	4,136	4,000	136	11,000	(6,864)
COMPLIANCE TESTING (ISDE/CROSS)	-	-	-	-	-	-	3,000	(3,000)
LEAK DETECTION EXPENSE	-	-	-	-	2,000	(2,000)	8,000	(8,000)
EPA WATER TESTING EXP	-	700	(700)	-	2,800	(2,800)	8,500	(8,500)
EQUIPMENT RENTAL COSTS	-	200	(200)	-	800	(800)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	658	7,000	(6,342)	12,456	28,000	(15,544)	80,000	(67,544)
WATER LINE REPAIRS	-	3,500	(3,500)	-	14,000	(14,000)	40,000	(40,000)
ALARM MONITORING COSTS	-	250	(250)	561	1,000	(439)	3,000	(2,439)
PROPERTY MAINTENANCE	-	400	(400)	-	1,600	(1,600)	5,000	(5,000)
ENGINEERING/ADMIN. STUDIES	-	700	(700)	106	2,800	(2,694)	8,000	(7,894)
PLAN CHECK EXPENSE (TVWD)	-	800	(800)	-	3,200	(3,200)	10,000	(10,000)
ENERGY COSTS (EST)	29,050	13,700	15,350	81,824	62,200	19,624	156,000	(74,176)
CONSUMABLE SUPPLIES & CLEANING	277	350	(73)	2,453	1,400	1,053	4,000	(1,547)
CHEMICALS, LUBRICANTS & FUELS	421	700	(279)	1,513	2,800	(1,287)	8,000	(6,487)
SMALL EQUIPMENT & TOOLS COST	-	430	(430)	-	1,720	(1,720)	5,000	(5,000)
PERMITS, FEES & TAXES	8,211	8,000	211	8,211	12,000	(3,789)	35,000	(26,789)
MAP UPDATING/GIS EXP	-	430	(430)	1,720	-	1,720	5,000	(3,280)
SERVICE METERS & PARTS COSTS	5,740	5,000	740	34,388	20,000	14,388	60,000	(25,612)
WHOLESALE WATER PURCHASES	340,117	379,000	(38,883)	1,669,894	1,729,000	(59,106)	4,325,000	(2,655,106)
WATER-MWD CAPACITY CHARGE	4,458	4,800	(342)	22,291	19,200	3,091	57,250	(34,959)
WATER-READINESS TO SERVE/REFUSAL CHARGE	9,802	11,150	(1,348)	49,012	44,600	4,412	133,700	(84,688)
WMWD-MGLMR EXP	-	-	-	-	-	-	181,000	(181,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	10,000	(10,000)
CONSERVATION REBATE EXP	-	450	(450)	-	1,800	(1,800)	5,000	(5,000)
CONTINGENCIES	-	4,250	(4,250)	-	17,000	(17,000)	50,900	(50,900)
TOTAL OPERATING EXPENSES	430,004	475,895	(45,891)	1,995,212	2,098,035	(102,823)	5,584,112	(3,588,900)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	6,887	7,600	(713)	30,819	30,400	419	91,214	(60,395)
GENERAL ENGINEERING EXP	-	1,600	(1,600)	6,985	6,400	585	20,000	(13,015)
EMPLOYEE BENEFITS-INS	2,097	1,600	497	7,098	6,400	698	19,300	(12,202)
EMPLOYEE BENEFITS-RETIREMENT	1,906	2,100	(194)	8,564	8,400	164	25,200	(16,636)
WAGES EXPENSE	14,935	18,900	(3,965)	46,355	56,700	(10,345)	163,500	(117,145)
VACATION EXP	940	1,000	(60)	3,760	4,000	(240)	11,280	(7,520)
MILEAGE EXP ADMIN	-	50	(50)	-	200	(200)	500	(500)
OVERTIME EXPENSE	698	150	548	698	600	98	1,750	(1,052)
PAYROLL TAX EXPENSES	325	300	25	912	900	12	2,600	(1,688)
CONTRACT STAFFING-OFFICE	-	-	-	-	-	-	4,000	(4,000)
LEGAL EXPENSES	613	625	(12)	3,425	2,500	925	7,500	(4,075)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	840	875	(35)	3,097	3,500	(403)	10,500	(7,403)
COMPUTER SYSTEM EXP	1,820	1,700	120	6,584	6,800	(216)	20,000	(13,416)
BANK CHARGES EXP	2,731	2,500	231	10,561	10,000	561	30,000	(19,439)
MISCELLANEOUS & EDUCATION EXP	-	300	(300)	-	1,200	(1,200)	4,000	(4,000)
TELEPHONE EXP	929	1,250	(321)	4,272	5,000	(728)	15,000	(10,728)
OFFICE SUPPLIES EXP	1,011	1,000	11	3,757	4,000	(243)	12,000	(8,243)
PRINTING EXPENSES	-	400	(400)	1,337	1,600	(263)	5,000	(3,663)
POSTAGE & DELIVERY EXPENSE	868	1,000	(132)	3,384	4,000	(616)	12,000	(8,616)
PUBLICATIONS, NOTICES & DUES	-	200	(200)	-	800	(800)	2,500	(2,500)
EQUIPMENT LEASE EXPENSES	521	600	(79)	1,816	2,400	(584)	7,000	(5,184)
INSURANCE EXPENSES	1,299	2,275	(976)	6,311	9,100	(2,789)	27,300	(20,989)
INVESTMENT EXPENSE	350	350	-	1,050	1,400	(350)	4,200	(3,150)
ANNUAL ASSESSMENT EXP	-	-	-	1,438	1,500	(62)	3,000	(1,562)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	7,350	(7,350)
COMMUNITY OUT REACH EXP	-	-	-	315	-	315	8,000	(7,685)
TOTAL ADMINISTRATIVE EXPENSES	38,770	46,375	(7,605)	152,538	167,800	(15,262)	520,194	(367,656)
TOTAL WATER EXPENSES	468,774	522,270	(53,496)	2,147,750	2,265,835	(118,085)	6,104,306	(3,956,556)
NET OPERATING REVENUE/EXPENSE	121,360	113,255	8,105	661,552	562,365	99,187	1,332,394	(670,842)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	579	2,000	(1,421)	4,998	8,000	(3,002)	24,000	(19,002)
PROPERTY TAX INCOME	-	-	-	474	-	474	40,000	(39,526)
TOTAL NON-OP SOURCE OF FUNDS	579	2,000	(1,421)	5,472	8,000	(2,528)	64,000	(58,528)
TOTAL REVENUE/EXPENSE	121,939	115,255	6,684	667,024	570,365	96,659	1,396,394	(729,370)
TRANSFER TO CAPITAL FUND-REPLACEMENT				189,798				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				477,226				
CONNECTION FEES				-				
CAPACITY USAGE INCOME				205,796				
LONG TERM DEBT REDUCTION				205,796				
				-				
WATER CAPITAL FUND:								
ENDING FUNDS AVAILABLE 2020-2021	15,951,064							
TRANSFER FOR CAPITAL FUND REPLACEMENT	189,798							
TRANSFER FOR CAPITAL IMPROVEMENTS	477,226							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(314,235)							
TOTAL FUNDS AVAILABLE	16,303,853							

OCTOBER

YEAR TO DATE

BUDGET

BUDGET

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	<u>ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>ACTUAL</u>	<u>BUDGET</u>	<u>VARIANCE</u>	<u>2020-2021</u>	<u>REMAINING</u>
<u>ID#1 DEPARTMENT</u>								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	<u>13,725</u>	13,725	-	<u>54,900</u>	54,900	-	164,700	<u>(109,800)</u>
TOTAL ID #1 REVENUE	<u>13,725</u>	13,725	-	<u>54,900</u>	54,900	-	164,700	<u>(109,800)</u>
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	<u>11,764</u>	12,000	(236)	<u>47,056</u>	47,056	-	145,000	<u>(97,944)</u>
TOTAL OPERATING COSTS	<u>11,764</u>	12,000	(236)	<u>47,056</u>	47,056	-	145,000	<u>(97,944)</u>
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	<u>-</u>	-	-	<u>1,436</u>	1,500	(64)	3,000	<u>(1,564)</u>
TOTAL ADMINISTRATIVE EXPENSES	<u>-</u>	-	-	<u>1,436</u>	1,500	(64)	3,000	<u>(1,564)</u>
TOTAL ID#1 EXPENSES	<u>11,764</u>	12,000	(236)	<u>48,492</u>	48,556	(64)	148,000	<u>(99,508)</u>
NET OPERATING REVENUE/EXPENSE	<u>1,961</u>	1,725	236	<u>6,408</u>	6,344	64	16,700	<u>(10,292)</u>
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME-LAIF	<u>12</u>	260	(248)	<u>523</u>	1,040	(517)	3,200	<u>(2,677)</u>
TOTAL NON-OPER SOURCE OF FUNDS	<u>12</u>	260	(248)	<u>523</u>	1,040	(517)	3,200	<u>(2,677)</u>
TOTAL REVENUE/EXPENSE	<u>1,973</u>	1,985	(12)	<u>6,931</u>	7,384	(453)	19,900	<u>(12,969)</u>
TRANSFER TO SINKING FUND FOR CAPACITY				<u>6,931</u>				
				<u>-</u>				
<u>ID #1 FUND BALANCE:</u>								
ENDING FUNDS AVAILABLE 2020-2021	<u>589,954</u>							
SINKING FUND FOR CAPACITY	<u>6,931</u>							
TOTAL FUNDS AVAILABLE	<u>596,885</u>							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	OCTOBER			YEAR TO DATE			BUDGET 2021-2022	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>ID#2 DEPARTMENT</u>								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	62,100	62,100	-	186,300	(124,200)
TOTAL ID #2 REVENUE	15,525	15,525	-	62,100		62,100	186,300	(124,200)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	13,307	13,650	(343)	53,228	54,600	(1,372)	164,000	(110,772)
TOTAL OPERATING COSTS	13,307	13,650	(343)	53,228	54,600	(1,372)	164,000	(110,772)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	1,436	1,500	(64)	3,000	(1,564)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	1,436	1,500	(64)	3,000	(1,564)
TOTAL ID#2 EXPENSES	13,307	13,650	(343)	54,664	56,100	(1,436)	167,000	(112,336)
NET OPERATING REVENUE/EXPENSE	2,218	1,875	343	7,436	(56,100)	63,536	19,300	(11,864)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	24	250	(226)	1,046	1,000	46	3,000	(1,954)
TOTAL NON-OPER SOURCE OF FUNDS	24	250	(226)	1,046	1,000	46	3,000	(1,954)
TOTAL REVENUE/EXPENSE	2,242	2,125	117	8,482	(55,100)	63,582	22,300	(13,818)
TRANSFER TO SINKING FUND FOR CAPACITY				8,482				
				-				
<u>ID #2 FUND BALANCE:</u>								
ENDING FUNDS AVAILABLE 2020-2021	299,213							
SINKING FUND FOR CAPACITY	8,482							
TOTAL FUNDS AVAILABLE	307,695							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
<u>NON-POTABLE WATER DEPARTMENT</u>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	165,479	176,000	(10,521)	901,198	814,000	87,198	2,000,000	(1,098,802)
RECYCLED/ NON-POT WATER FIXED CHARGE	23,906	17,000	6,906	96,682	68,000	28,682	203,000	(106,318)
RECYCLED/NON-POTABLE PUMPING CHARGE	4,736	4,800	(64)	31,210	22,000	9,210	54,000	(22,790)
MISC INCOME	-	1,000	(1,000)	-	4,000	(4,000)	11,500	(11,500)
INSPECTION REVENUE	-	1,000	(1,000)	-	4,000	(4,000)	12,300	(12,300)
TOTAL NON-POTABLE REVENUE	194,121	199,800	(5,679)	1,029,090	912,000	117,090	2,280,800	(1,251,710)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	9,982	13,250	(3,268)	29,803	39,650	(9,847)	114,500	(84,697)
WAGES EXPENSE-INSPECTION	2,609	2,270	339	7,791	7,070	721	20,540	(12,749)
PAYROLL TAXES EXP	255	250	5	597	850	(253)	2,500	(1,903)
EMPLOYEE BENEFITS-INS	817	1,275	(458)	3,552	5,100	(1,548)	15,300	(11,748)
EMPLOYEE BENEFITS-RETIREMENT	1,319	1,500	(181)	5,998	6,300	(302)	19,000	(13,002)
MILEAGE EXP	-	100	(100)	-	400	(400)	1,000	(1,000)
OVERTIME EXP OPER	2,220	2,400	(180)	7,790	7,200	590	20,750	(12,960)
OVERTIME EXP INSPECTION	-	250	(250)	-	850	(850)	2,500	(2,500)
VACATION EXP	581	600	(19)	2,324	2,400	(76)	7,000	(4,676)
PLAN CHECK EXP (TVWD)	-	100	(100)	-	400	(400)	1,000	(1,000)
SCADA SYSTEM STANDBY EXP	-	220	(220)	-	880	(880)	2,600	(2,600)
SCADA SYS MAINTENANCE EXP	-	850	(850)	940	3,400	(2,460)	10,000	(9,060)
LABORATORY TESTING COSTS	-	300	(300)	3,595	1,200	2,395	3,000	595
EQUIPMENT REPAIRS & MAINT.	-	5,000	(5,000)	1,242	20,000	(18,758)	60,000	(58,758)
NONPOTABLE WATER LINE REPAIR	-	2,000	(2,000)	-	8,000	(8,000)	20,000	(20,000)
SECURITY AND ALARM EXP	-	100	(100)	400	400	-	1,000	(600)
PROPERTY MAINTENANCE	-	350	(350)	2,463	1,400	1,063	4,000	(1,537)
ENERGY COSTS(EST)	20,750	25,500	(4,750)	121,576	118,200	3,376	290,000	(168,424)
CONSUMABLE SUPPLIES EXP	-	200	(200)	198	800	(602)	2,500	(2,302)
CHEMICALS, LUBRICANTS & FUELS	301	460	(159)	1,083	1,840	(757)	5,500	(4,417)
PERMITS AND FEES EXP	-	900	(900)	-	3,600	(3,600)	10,000	(10,000)
SERVICE METERS AND PARTS COSTS	-	600	(600)	-	2,400	(2,400)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	350	(350)	-	1,400	(1,400)	4,000	(4,000)
MISC OPERATING EXP	-	50	(50)	-	200	(200)	500	(500)
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
CONTINGENCIES	-	2,050	(2,050)	-	8,200	(8,200)	24,550	(24,550)
TOTAL OPERATING EXPENSES	38,834	60,925	(22,091)	189,352	242,140	(52,788)	650,340	(460,988)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Four Months Ending October 31, 2021**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	4,810	5,450	(640)	21,907	21,800	107	65,250	(43,343)
GENERAL ENGINEERING	370	450	(80)	370	1,800	(1,430)	5,000	(4,630)
EMPLOYEE BENEFITS-INS	1,361	1,150	211	6,116	4,600	1,516	13,800	(7,684)
EMPLOYEE BENEFITS-RETIREMENT	1,627	1,500	127	6,382	6,000	382	18,000	(11,618)
WAGES EXPENSE	10,668	13,500	(2,832)	33,334	40,500	(7,166)	117,000	(83,666)
VACATION EXP	671	675	(4)	2,684	2,700	(16)	8,053	(5,369)
MILEAGE EXP	-	20	(20)	-	80	(80)	200	(200)
OVERTIME EXP	499	105	394	499	420	79	1,250	(751)
PAYROLL TAX EXPENSE	376	210	166	795	630	165	1,800	(1,005)
CONTRACT STAFFING OFFICE EXP	-	450	(450)	-	1,800	(1,800)	5,250	(5,250)
LEGAL EXPENSE	437	420	17	1,687	1,680	7	5,000	(3,313)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	600	625	(25)	2,212	2,500	(288)	7,500	(5,288)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	5,000	(5,000)
COMPUTER SYSTEMS EXP	1,300	850	450	4,703	3,400	1,303	10,000	(5,297)
BANK CHARGES	1,951	1,750	201	7,544	7,000	544	21,000	(13,456)
MISC & EDUCATION EXP	-	100	(100)	-	400	(400)	1,000	(1,000)
TELEPHONE EXP	441	800	(359)	2,662	3,200	(538)	9,500	(6,838)
OFFICE SUPPLIES	282	580	(298)	1,479	2,320	(841)	7,000	(5,521)
PRINTING EXP	-	350	(350)	955	1,400	(445)	4,000	(3,045)
POSTAGE EXP	586	580	6	2,360	2,320	40	7,000	(4,640)
PUBLICATION EXP	-	85	(85)	250	340	(90)	1,000	(750)
EQUIPMENT LEASE EXP	383	350	33	1,331	1,400	(69)	4,000	(2,669)
INSURANCE EXPENSE	935	1,625	(690)	4,536	6,500	(1,964)	19,500	(14,964)
ANNUAL ASSESSMENT EXP	-	-	-	-	-	-	3,000	(3,000)
INVESTMENT EXPENSE	250	250	-	750	1,000	(250)	3,000	(2,250)
COMMUNITY OUTREACH EXP	-	400	(400)	-	1,600	(1,600)	4,800	(4,800)
TOTAL ADMINISTRATIVE EXPENSES	27,547	32,275	(4,728)	102,556	115,390	(12,834)	352,403	(249,847)
TOTAL NON-POTABLE OPERATING EXPENSES	66,381	93,200	(26,819)	291,908	357,530	(65,622)	1,002,743	(710,835)
NET OPERATING REVENUE/EXPENSE	127,740	106,600	21,140	737,182	554,470	182,712	1,278,057	(540,875)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	134	440	(306)	1,142	1,760	(618)	5,280	(4,138)
TOTAL NON-OP SOURCE OF FUNDS	134	440	(306)	1,142	1,760	(618)	5,280	(4,138)
TOTAL REVENUE/EXPENSE	127,874	107,040	20,834	738,324	556,230	182,094	1,283,337	(545,013)
TRANSFER TO CAPITAL FUND-REPLACEMENT				112,852				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				625,472				
CONNECTION FEES				-				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	5,372,393							
TRANSFER FOR CAPITAL FUND REPLACEMENT	112,852							
TRANSFER FOR CAPITAL IMPROVEMENTS	625,472							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(8,704)							
TOTAL FUNDS AVAILABLE	6,102,013							

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

In Process
Not Started
Completed

Capital Projects FY 2021/2022 Maintenance/ General Projects	CIP #	Eng #1401.*	Total Cost	Source of Funding			Previous YR	AS OF OCTOBER 2021 EXPENDITURES			Total YTD	Variance
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
								YEAR TO DATE				
Computer and Software Upgrades	G-1-2019		\$ 25,000	\$ 10,000	\$ 8,750	\$ 6,250	\$ -	\$ 5,346	\$ 4,678	\$ 3,342	\$ 13,366	\$ 11,634
General Building Improvements	G-2-2019		\$ 80,000	\$ 32,000	\$ 28,000	\$ 20,000	\$ -				\$ -	\$ 80,000
Trailer Yard Goat	G-1-2021		\$ 100,000	\$ 60,000		\$ 40,000	\$ -				\$ -	\$ 100,000
Construct New Storage Building	G-2-2021		\$ 205,000	\$ 82,000	\$ 72,000	\$ 51,000	\$ -				\$ -	\$ 205,000
Parking Structure Shades	G-3-2021		\$ 100,000	\$ 40,000	\$ 35,000	\$ 25,000	\$ -				\$ -	\$ 100,000
New Work Truck	G-4-2021		\$ 50,000	\$ 20,000	\$ 17,500	\$ 12,500	\$ -				\$ -	\$ 50,000
Air Actuator valves	G-3-2020		\$ 42,000	\$ 42,000	\$ -	\$ -	\$ 21,984				\$ -	\$ 20,016
Secondary FEB Pump Replacement	G-5-2021		\$ 120,000	\$ 72,000		\$ 48,000	\$ -				\$ -	\$ 120,000
Automated valve Replacement	G-6-2021		\$ 50,000	\$ 30,000		\$ 20,000	\$ -				\$ -	\$ 50,000
GIS Mapping - Water, Sewer, RW pipelines and facilities	G-7-2021	1904/1905	\$ 60,000	\$ 24,000	\$ 21,000	\$ 15,000	\$ -				\$ -	\$ 60,000
Groundwater Sustainability JPA	General		\$ 135,000	\$ -	\$ 135,000	\$ -	\$ -				\$ -	\$ 135,000
5-year Financial Plan Development with 218 notice	G-1-2020		\$ 120,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 86,580	\$ 8,580	\$ 7,508	\$ 5,362	\$ 21,450	\$ 11,970
TWC (EVMWD) Potable system purchase study	W-3-2020		\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -		\$ 9,750		\$ 9,750	\$ 15,250
SUBTOTAL			\$ 1,112,000	\$ 452,000	\$ 382,250	\$ 277,750	\$ 108,564	\$ 13,926	\$ 21,936	\$ 8,704	\$ 44,566	\$ 958,870

Multiple Fiscal Year Projects	CIP #	Eng #1401.*	Total Cost	Source of Funding			Previous YR	YEAR TO DATE			Total YTD	Variance
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Potable Water Looping Phase II (Knabe)	W-2-2019		\$ 615,000	\$ -	\$ 500,000	\$ -	\$ 69,093		\$ 230,769		\$ 230,769	\$ 315,138
Recycled and Non-potable Pipeline extentions	NP-2018		\$ 775,000	\$ -	\$ -	\$ 775,000	\$ 30,510				\$ -	\$ 744,490
Sewer System Master Plan		1815	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 60,565	\$ 354			\$ 354	\$ 39,081
Urban Water Management Plan 2020, ERP,AWIA RRA	G-23-2019		\$ 100,000			\$ 100,000	\$ 11,355		\$ 53,206		\$ 53,206	\$ 35,439
WRF 225,000 GPD Expansion (District Share)	S-1-2015		\$ 7,300,000	\$ 7,300,000	\$ -	\$ -	\$ 5,430,590	\$ 1,527,766			\$ 1,527,766	\$ 341,644
Convert to Recycled			\$ 135,000	\$ -	\$ 75,000	\$ 60,000	\$ -				\$ -	\$ 135,000
Well Replacement/Cleaning and Rehab			\$ 300,000	\$ -	\$ -	\$ 300,000	\$ 75,663				\$ -	\$ 224,337
Alternate Tertiary Percolation Area and Rehab			\$ 320,000	\$ 300,000	\$ -	\$ 20,000	\$ 219,707	\$ 5,200			\$ 5,200	\$ 95,093
Potable Reservoir Design	W-1-2015	1810	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 212,986				\$ -	\$ (12,986)
Potable Reservoir Construction	W-1-2015		\$ 5,770,000	\$ -	\$ 5,770,000	\$ -	\$ -				\$ -	\$ 5,770,000
Automatic Meter Read System	W-1-2021		\$ 3,050,000		\$ 3,050,000		\$ -				\$ -	\$ 3,050,000
Sludge Processing Facility with Odor Control	S-1-2021		\$ 3,295,000	\$ 3,295,000			\$ -				\$ -	\$ 3,295,000
Property Purchase and Relocation of Emergency Pump	W-2-2021		\$ 587,000		\$ 587,000		\$ -				\$ -	\$ 587,000
Reservior Management System - Terramor Reservoir	W-3-2021		\$ 102,000		\$ 102,000		\$ 50,872		\$ 8,324		\$ 8,324	\$ 42,804
Primary Flow EQ Covers	S-2-2021		\$ 454,500	\$ 454,500			\$ -				\$ -	\$ 454,500
							\$ -				\$ -	\$ -
SUBTOTAL			\$ 23,103,500	\$ 11,449,500	\$ 10,284,000	\$ 1,255,000	\$ 6,161,341	\$ 1,533,320	\$ 292,299	\$ -	\$ 1,825,619	\$ 15,116,540
TOTAL			\$ 24,215,500	\$ 11,901,500	\$ 10,666,250	\$ 1,532,750	\$ 6,269,905	\$ 1,547,246	\$ 314,235	\$ 8,704	\$ 1,870,185	\$ 16,075,410

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
10/31/2021

<u>Special Tax Fund (Acct #105636-009)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-010)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #105636-011)</u> Account Balance at Wilmington Trust	8.23
<hr/>	
<u>Surplus Fund (Acct #105636-012)</u> Account Balance at Wilmington Trust	1,179,863.75
<hr/>	

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
10/31/2021

<u>Special Tax Fund (Acct #105636-014)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-015)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #105636-016)</u> Account Balance at Wilmington Trust	4.72
<hr/>	
<u>Surplus Fund (Acct #105636-017)</u> Account Balance at Wilmington Trust	273,989.10
<hr/>	
<u>Prepayment Fund (Acct #105636-026)</u> Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 273,993.82

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
10/31/2021

<u>Special Tax Fund (Acct #105636-019)</u> Account Balance at Wilmington Trust	\$	-
<hr/>		
<u>BONDS PR ACCT (Acct # 105636-020)</u> Account Balance at Wilmington Trust	\$	-
<hr/>		
<u>Administrative Expense Fund(Acct #105636-021)</u> Account Balance at Wilmington Trust	\$	8.23
<hr/>		
<u>Surplus Fund (Acct #105636-022)</u> Account Balance at Wilmington Trust	\$	627,244.72
<hr/>		
Prepayment Fund (Acct #105636-027) Account Balance at Wilmington Trust		-
<hr/>		
TOTAL	\$	627,252.95

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
10/31/2021

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.04
- Lien Interest A/C (Acct #105636-001)		67.72
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,263,221.76
- Reserve Fund CFD #2 (Acct #105636-005)		276,065.07
- Reserve Fund CFD #3 (Acct #105636-006)		1,495,524.66
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		21.35
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		619,045.69
- Reserve Fund CFD #2 (Acct #105639-005)		100,174.20
- Reserve Fund CFD #3 (Acct #105639-006)		540,859.68
TOTAL		
	\$	5,294,980.18

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4
Financing Authority
(Terramor)
10/31/2021

<u>Special Tax Fund (Acct #133306-001)</u> Account Balance at Wilmington Trust	\$ 1.43
<hr/>	
<u>Interest Acct (Acct #133306-002)</u> Account Balance at Wilmington Trust	0.02
<hr/>	
<u>BONDS PR ACCT (Acct #133306-003)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #133306-004)</u> Account Balance at Wilmington Trust	46,004.58
<hr/>	
<u>Reserve fund Fund (Acct #133306-005)</u> Account Balance at Wilmington Trust	1,397,180.25
<hr/>	
<u>Surplus Fund (Acct #133306-006)</u> Account Balance at Wilmington Trust	234,039.26
<hr/>	
<u>Redemption fund (Acct #133306-007)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Construction fund (Acct #133306-008)</u> Account Balance at Wilmington Trust	0.82
<hr/>	
<u>Cost of Issuance (Acct #133306-009)</u> Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 1,677,226.36



PMIA/LAIF Performance Report as of 11/03/21



PMIA Average Monthly Effective Yields⁽¹⁾

Oct	0.203
Sep	0.206
Aug	0.221

Quarterly Performance Quarter Ended 09/30/21

LAIF Apportionment Rate ⁽²⁾ :	0.24
LAIF Earnings Ratio ⁽²⁾ :	0.00006661958813242
LAIF Fair Value Factor ⁽¹⁾ :	0.999873661
PMIA Daily ⁽¹⁾ :	0.20%
PMIA Quarter to Date ⁽¹⁾ :	0.22%
PMIA Average Life ⁽¹⁾ :	321

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 09/30/21 \$179.1 billion

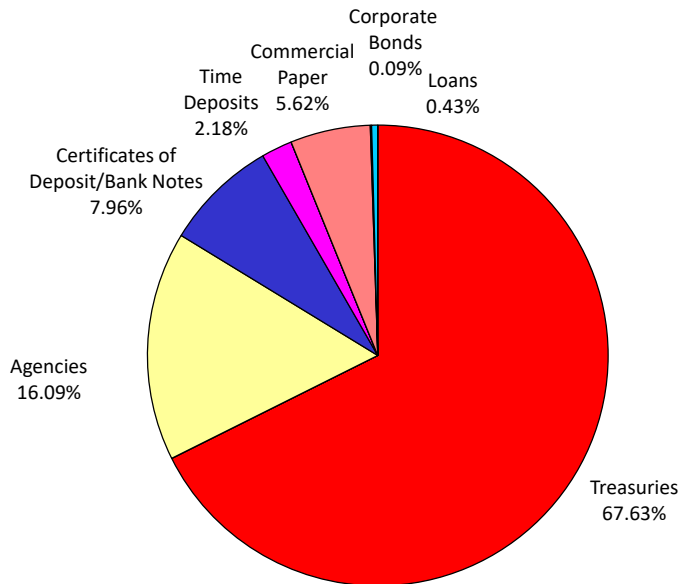


Chart does not include \$8,243,000.00 in mortgages, which equates to 0.004603%. Percentages may not total 100% due to rounding.

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

RESOLUTION NO. R-21-20

RESOLUTION OF THE TEMESCAL VALLEY
WATER DISTRICT ADOPTING AN ADDENDUM TO
THE 2015 URBAN WATER MANAGEMENT PLAN

WHEREAS, The California Urban Water Management Planning Act, Water Code Section 10610 et seq. (the Act), mandates that every urban supplier of water providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre feet of water annually, prepare an Urban Water Management Plan (Plan); and

WHEREAS, the Act generally requires that said Plan be updated and adopted at least once every five years, in years ending in six and one; and

WHEREAS, pursuant to recent amendments to the Act, urban water suppliers are encouraged by the California Department of Resources (DWR) and the Delta Stewardship Council (DSC) to consider adopting Appendix A to the 2020 UWMP, the (Addendum) to their 2015 Plan to demonstrate consistency with the Delta Plan Policy WR P1 to Reduce Reliance on the Delta Through Improved Regional Water Self-Reliance, Cal. Code Regs. tit. 23, § 5003; and

WHEREAS, the TEMESCAL VALLEY WATER DISTRICT (DISTRICT) meets the definition of an urban retail water supplier for purposes of the Act; and

WHEREAS, the DISTRICT has prepared an Addendum to the DISTRICT's 2015 Plan in accordance with Delta Plan Policy WR P1, and in accordance with applicable legal requirements, has undertaken certain coordination, notice, public involvement, public comment, and other procedures in relation to its Addendum; and

WHEREAS, in accordance with the Act and Delta Plan Policy WR P1, the DISTRICT has prepared its Addendum to the 2015 Plan with its own staff, with the assistance of consulting professionals, and in cooperation with other governmental agencies, and has utilized and relied upon industry standards and the expertise of industry professionals in preparing its Addendum to its 2015 Plan, and has also utilized the California Department of Water Resources Guidebook for Urban Water Suppliers to Prepare 2020 Urban Water Management Plans (March 2021), including its related appendices, in preparing its Addendum to the 2015 Plan; and

WHEREAS, in accordance with applicable law, including Water Code section 10642, and Government Code section 6066, a Notice of a Public Hearing regarding DISTRICT's Addendum to the 2015 Plan was published within the jurisdiction of the DISTRICT on November 5, 2021, and November 12, 2021; and

WHEREAS, in accordance with applicable law, including but not limited to Water Code section 10642, a public hearing was held on November 23, 2021 at 8:30 a.m., or soon thereafter, in the DISTRICT Board room at 22646 Temescal Canyon Road, Temescal Valley, California 92883, in order to provide members of the public and other interested entities with the opportunity to be heard in connection with proposed adoption of the Addendum to the 2015 Plan and issues related thereto; and

WHEREAS, pursuant to said public hearing on the DISTRICT's Addendum to the 2015 Plan, the DISTRICT, among other things, encouraged the active involvement of diverse social, cultural, and economic members of the community within the DISTRICT's service area with regard to the

preparation of the Plan, encouraged community input regarding the DISTRICT's Addendum to the 2015 Urban Water Management Plan; and

WHEREAS, the DISTRICT has reviewed and considered the purposes and requirements of the Act and Delta Plan Policy WR P1, the contents of the Addendum to the 2015 Plan, and the documentation contained in the administrative record in support of the Addendum, and has determined that the factual analyses and conclusions set forth in the Addendum are legally sufficient; and

WHEREAS, the DISTRICT desires to adopt the Addendum to the 2015 Plan in order to comply with the Act and Delta Plan Policy WR P1.

NOW THEREFORE BE IT RESOLVED, the DISTRICT hereby resolve as follows:

1. The Addendum to the DISTRICT's 2015 Urban Water Management Plan to demonstrate consistency with the Delta Plan Policy to Reduce Reliance on the Delta Through Improved Regional Water Self-Reliance (Appendix A to the 2020 UWMP) is hereby adopted as amended by changes incorporated by the DISTRICT as a result of input received (if any) at the public hearing and ordered filed with the Secretary of the DISTRICT Council;

2. The General Manager is hereby authorized and directed to include a copy of this Resolution in the DISTRICT's 2015 Plan amendment;

3. The General Manager is hereby authorized and directed, in accordance with Water Code sections 10621(d) and 10644(a)(1)-(2), to electronically submit a copy of the 2015 Plan with the Addendum to the California Department of Water Resources;

4. The General Manager is hereby authorized and directed, in accordance with Water Code section 10644(a), to submit a copy of the 2015 Plan with the Addendum to the California State Library no later than thirty (30) days after this adoption date;

5. The General Manager is hereby authorized and directed, in accordance with Water Code section 10645, to make the 2015 Plan with the Addendum available for public review at the DISTRICT's offices during normal business hours and on the DISTRICT's website no later than thirty (30) days after filing a copy of the Plan with the California Department of Water Resources;

ADOPTED, this 23rd day of November, 2021.

CHARLES W. COLLADAY
President

I HEREBY CERTIFY that the foregoing is a full, true, and correct copy of Resolution No. R-21-20 adopted by the Board of Directors of the TEMESCAL VALLEY WATER DISTRICT at its regular meeting held on November 23rd, 2021.

PAUL RODRIGUEZ
Secretary

A

Appendix A. Reduced Delta Reliance



Quantifying Regional Self-Reliance and Reduced Reliance on Water Supplies from the Delta

1. Background

Under the Sacramento-San Joaquin Delta Reform Act of 2009, state and local public agencies proposing a covered action in the Delta, prior to initiating the implementation of that action, must prepare a written certification of consistency with detailed findings as to whether the covered action is consistent with applicable Delta Plan policies and submit that certification to the Delta Stewardship Council. Anyone may appeal a certification of consistency, and if the Delta Stewardship Council grants the appeal, the covered action may not be implemented until the agency proposing the covered action submits a revised certification of consistency, and either no appeal is filed, or the Delta Stewardship Council denies the subsequent appeal.

An urban water supplier that anticipates participating in or receiving water from a proposed covered action such as a multi-year water transfer, conveyance facility, or new diversion that involves transferring water through, exporting water from, or using water in the Delta should provide information in their 2015 and 2020 Urban Water Management Plans (UWMPs) that can then be used in the covered action process to demonstrate consistency with Delta Plan Policy WR P1, Reduce Reliance on the Delta through Improved Regional Water Self-Reliance (WR P1).

WR P1 details what is needed for a covered action to demonstrate consistency with reduced reliance on the Delta and improved regional self-reliance. WR P1 subsection (a) states that:

(a) Water shall not be exported from, transferred through, or used in the Delta if all the following apply:

- (1) One or more water suppliers that would receive water as a result of the export, transfer, or use have failed to adequately contribute to reduced reliance on the Delta and improved regional self-reliance consistent with all of the requirements listed in paragraph (1) of subsection (c);*
- (2) That failure has significantly caused the need for the export, transfer, or use; and*
- (3) The export, transfer, or use would have a significant adverse environmental impact in the Delta.*

WR P1 subsection (c)(1) further defines what adequately contributing to reduced reliance on the Delta in terms of (a)(1) above.

(c)(1) Water suppliers that have done all the following are contributing to reduced reliance on the Delta and improved regional self-reliance and are therefore consistent with this policy:

- (A) Completed a current Urban or Agricultural Water Management Plan (Plan) which has been reviewed by the California Department of Water Resources for compliance with the applicable requirements of Water Code Division 6, Parts 2.55, 2.6, and 2.8;*
- (B) Identified, evaluated, and commenced implementation, consistent with the implementation schedule set forth in the Plan, of all programs and projects included in the Plan that are locally cost effective and technically feasible which reduce reliance on the Delta; and*
- (C) Included in the Plan, commencing in 2015, the expected outcome for measurable reduction in Delta reliance and improvement in regional self-reliance. The expected*

outcome for measurable reduction in Delta reliance and improvement in regional self-reliance shall be reported in the Plan as the reduction in the amount of water used, or in the percentage of water used, from the Delta watershed. For the purposes of reporting, water efficiency is considered a new source of water supply, consistent with Water Code section 1011(a).

The analysis and documentation provided below include all the elements described in WR P1(c)(1) that need to be included in a water supplier's UWMP to support a certification of consistency for a future covered action.

2. Demonstration of Regional Self-Reliance

The methodology used to determine Temescal Valley Water District (TVWD)'s improved regional self-reliance is consistent with the approach detailed in the Department of Water Resources (DWR)'s UWMP Guidebook Appendix C (Guidebook Appendix C), including the use of narrative justifications for the accounting of supplies and the documentation of specific data sources. Key assumptions underlying Western's demonstration of reduced reliance include:

- All data were obtained from the current 2020 UWMP, previously adopted UWMPs or other planning reports or actual water use data.
- All analyses were conducted at the TVWD service area level, and all data reflect the total contributions of TVWD.
- No projects or programs that are described in the UWMPs as "Projects Under Development" were included in the accounting of supplies.

Baseline, Data and Expected Outcomes

To calculate the expected outcomes for measurable reduction in Delta reliance and improved regional self-reliance, a baseline is needed to compare against. This analysis uses a normal water year representation of 2010 as the baseline, which is consistent with the approach described in the Guidebook Appendix C. Data for the 2010 baseline were taken from TVWD's 2004 Water Master Plan (WMP), as the WMP includes a comprehensive set of supply and demand data for a normal water year.

Consistent with the 2010 baseline data approach, the expected outcomes for reduced Delta reliance and improved regional self-reliance for 2015 was taken from Western Municipal Water District's (Western's) 2008 Integrated Regional Water Management Plan (IRWMP). TVWD purchases all of its potable water from Western on a wholesale basis; therefore, Western included demand projections for TVWD in its 2008 IRWMP.

Demand estimates for 2020 were based on projections developed in TVWD's 2015 UWMP. Data and expected outcomes for 2025-2045 was developed as part of TVWD's 2020 UWMP effort.

Documentation of the specific data sources and assumptions are included in the discussions below.

Service Area Demands without Water Use Efficiency

In alignment with the Guidebook Appendix C, this analysis uses normal water year demands, rather than normal water year supplies to calculate expected outcomes in terms of the percentage of water used. Normal water year demands serve as a proxy for the amount of supplies that would be used in a normal water year, which helps alleviate issues associated with how supply capability is presented to fulfill requirements of the UWMP Act versus how supplies might be accounted for to demonstrate consistency with WR P1.

Because WR P1 considers water use efficiency savings a source of water supply, water suppliers can calculate their embedded water use efficiency savings based on changes in forecasted per capita water use since the baseline. As explained in the Guidebook Appendix C, water use efficiency savings must be added back to the normal year demands to represent demands without water use efficiency savings accounted for; otherwise, the effect of water use efficiency savings on regional self-reliance would be

overestimated. Table C-1 shows the results of this adjustment for Western. Supporting narratives and documentation for all the data shown in Table C-1 are provided below.

Service Area Demands with Water Use Efficiency

The service area demands shown in Table C-1 represent the total water demands for Western’s general service area, including Western Retail and other retail agencies. Demand data shown in Table C-1 were collected from the following sources:

- Baseline (2010): TVWD 2004 WMP, Table 2-6
- 2015: Western’s IRWMP 2008 Update, Table 4-1
- 2020: TVWD 2015 UWMP, Table 4-2
- 2025-2045: TVWD 2020 UWMP, Table 4-7

Non-Potable Water Demands

TVWD did not include non-potable water demands in this analysis because early planning documents reflected potable water use only. To remain consistent and truly analyze reduced reliance on the Delta, only potable water estimates were used.

Service Area Population

The population data shown in Table C-1 were collected from the following sources:

- Baseline (2010): estimated using the DWR population tool and 2010 Census block level data for TVWD.
- 2015: TVWD 2015 UWMP, Table 3-2
- 2020-2045: TVWD 2020 UWMP, Table 3-2

Estimated Water Use Efficiency Since Baseline

The “Estimated Water Use Efficiency Since Baseline” was calculated using “Potable Service Area Demands with Water Use Efficiency” divided by “Service Area Population” and then comparing with 2010 Per Capita Water Use.

Service Area Water Demands without Water Use Efficiency

In Table C-2, the “Service Area Demands with Water Use Efficiency” was added to the “Estimated Water Use Efficiency Since Baseline” to obtain the “Service Area Water Demands without Water Use Efficiency Accounted For”.

Supplies Contributing to Regional Self-Reliance

For a covered action to demonstrate consistency with the Delta Plan, WR P1 subsection (c)(1)(C) states that water suppliers must report the expected outcomes for measurable improvement in regional self-reliance. Table C-3 shows expected outcomes for supplies contributing to regional self-reliance both in amount and as a percentage. The values shown in Table C-3 represent conservation efforts throughout TVWD’s service area, as TVWD has used less water to serve more people since the 2010 baseline.

Water Use Efficiency

The water use efficiency information shown in Table C-3 is taken directly from Table C-1.

3. Reliance on Water Supplies from the Delta Watershed

Metropolitan’s service area, as a whole, reduces reliance on the Delta through investments in non-Delta water supplies, local water supplies, and regional and local demand management measures.

Metropolitan's member agencies coordinate reliance on the Delta through their membership in Metropolitan, a regional cooperative providing wholesale water service to its 26 member agencies, which includes Western. Accordingly, regional reliance on the Delta can only be measured regionally—not by individual Metropolitan member agencies and not by the customers of those member agencies.

Metropolitan's member agencies, and those agencies' customers, indirectly reduce reliance on the Delta through their collective efforts as a cooperative. Metropolitan's member agencies do not control the amount of Delta water they receive from Metropolitan. Metropolitan manages a statewide integrated conveyance system consisting of its participation in the State Water Project (SWP), its Colorado River Aqueduct (CRA) including Colorado River water resources, programs and water exchanges, and its regional storage portfolio. Along with the SWP, CRA, storage programs, and Metropolitan's conveyance and distribution facilities, demand management programs increase the future reliability of water resources for the region. In addition, demand management programs provide system-wide benefits by decreasing the demand for imported water, which helps to decrease the burden on the district's infrastructure and reduce system costs, and free up conveyance capacity to the benefit of all member agencies.

Metropolitan's costs are funded almost entirely from its service area, except for grants and other assistance from government programs. Most of Metropolitan's revenues are collected directly from its member agencies. Properties within Metropolitan's service area pay a property tax that currently provides approximately 8 percent of the fiscal year 2021 annual budgeted revenues. The rest of Metropolitan's costs are funded through rates and charges paid by Metropolitan's member agencies for the wholesale services it provides to them. Thus, Metropolitan's member agencies fund nearly all operations Metropolitan undertakes to reduce reliance on the Delta, including Colorado River Programs, storage facilities, Local Resources Programs and Conservation Programs within Metropolitan's service area.

Because of the integrated nature of Metropolitan's systems and operations, and the collective nature of Metropolitan's regional efforts, it is infeasible to quantify each of Metropolitan member agencies' individual reliance on the Delta. It is infeasible to attempt to segregate an entity and a system that were designed to work as an integrated regional cooperative.

In addition to the member agencies funding Metropolitan's regional efforts, they also invest in their own local programs to reduce their reliance on any imported water. Moreover, the customers of those member agencies may also invest in their own local programs to reduce water demand. However, to the extent those efforts result in reduction of demands on Metropolitan, that reduction does not equate to a like reduction of reliance on the Delta. Demands on Metropolitan are not commensurate with demands on the Delta because most of Metropolitan member agencies receive blended resources from Metropolitan as determined by Metropolitan—not the individual member agency—and for most member agencies, the blend varies from month-to-month and year-to-year due to hydrology, operational constraints, use of storage and other factors.

Programs Implemented by Metropolitan to Reduce Delta Reliance

Colorado River Programs

As a regional cooperative of member agencies, Metropolitan invests in programs to ensure the continued reliability and sustainability of Colorado River supplies. Metropolitan was established to obtain an allotment of Colorado River water, and its first mission was to construct and operate the CRA. The CRA consists of five pumping plants, 450 miles of high voltage power lines, one electric substation, four regulating reservoirs, and 242 miles of aqueducts, siphons, canals, conduits and pipelines terminating at Lake Mathews in Riverside County. Metropolitan owns, operates, and manages the CRA. Metropolitan is responsible for operating, maintaining, rehabilitating, and repairing the CRA, and is responsible for obtaining and scheduling energy resources adequate to power pumps at the CRA's five pumping stations.

Colorado River supplies include Metropolitan’s basic Colorado River apportionment, along with supplies that result from existing and committed programs, including supplies from the Imperial Irrigation District (IID)-Metropolitan Conservation Program, the implementation of the Quantification Settlement Agreement (QSA) and related agreements, and the exchange agreement with San Diego County Water Authority (SDCWA). The QSA established the baseline water use for each of the agreement parties and facilitates the transfer of water from agricultural agencies to urban uses. Since the QSA, additional programs have been implemented to increase Metropolitan’s CRA supplies. These include the PVID Land Management, Crop Rotation, and Water Supply Program, as well as the Lower Colorado River Water Supply Project. The 2007 Interim Guidelines provided for the coordinated operation of Lake Powell and Lake Mead, as well as the Intentionally Created Surplus (ICS) program that allows Metropolitan to store water in Lake Mead.

Storage Investments/Facilities

Surface and groundwater storage are critical elements of Southern California’s water resources strategy and help Metropolitan reduce its reliance on the Delta. Because California experiences dramatic swings in weather and hydrology, storage is important to regulate those swings and mitigate possible supply shortages. Surface and groundwater storage provide a means of storing water during normal and wet years for later use during dry years, when imported supplies are limited. The Metropolitan system, for purposes of meeting demands during times of shortage, regulating system flows, and ensuring system reliability in the event of a system outage, provides over 1,000,000 acre-feet of system storage capacity. Diamond Valley Lake provides 810,000 acre feet of that storage capacity, effectively doubling Southern California’s previous surface water storage capacity. Other existing imported water storage available to the region consists of Metropolitan’s raw water reservoirs, a share of the SWP’s raw water reservoirs in and near the service area, and the portion of the groundwater basins used for conjunctive-use storage.

Since the early twentieth century, DWR and Metropolitan have constructed surface water reservoirs to meet emergency, drought/seasonal, and regulatory water needs for Southern California. These reservoirs include Pyramid Lake, Castaic Lake, Elderberry Forebay, Silverwood Lake, Lake Perris, Lake Skinner, Lake Mathews, Live Oak Reservoir, Garvey Reservoir, Palos Verdes Reservoir, Orange County Reservoir, and Metropolitan’s Diamond Valley Lake (DVL). Some reservoirs such as Live Oak Reservoir, Garvey Reservoir, Palos Verdes Reservoir, and Orange County Reservoir, which have a total combined capacity of about 3,500 AF, are used solely for regulating purposes. The total gross storage capacity for the larger remaining reservoirs is 1,757,600 AF. However, not all of the gross storage capacity is available to Metropolitan; dead storage and storage allocated to others reduce the amount of storage that is available to Metropolitan to 1,665,200 AF.

Conjunctive use of the aquifers offers another important source of dry year supplies. Unused storage in Southern California groundwater basins can be used to optimize imported water supplies, and the development of groundwater storage projects allows effective management and regulation of the region’s major imported supplies from the Colorado River and SWP. Over the years, Metropolitan has implemented conjunctive use through various programs in the service area; the following table lists the groundwater conjunctive use programs that have been developed in the region.

Program	Metropolitan Agreement Partners	Program Term	Max Storage AF	Dry-Year Yield AF/Yr
Long Beach Conjunctive Use Storage Project (Central Basin)	Long Beach	June 2002-2027	13,000	4,300
Foothill Area Groundwater Storage Program (Monkhill/ Raymond Basin)	Foothill MWD	February 2003-2028	9,000	3,000
Orange County Groundwater Conjunctive Use Program	MWDOC OCWD	June 2003-2028	66,000+	22,000
Chino Basin Conjunctive Use Programs	IEUA TVMWD Watermaster	June 2003-2028	100,000	33,000
Live Oak Basin Conjunctive Use Project (Six Basins)	TVMWD City of La Verne	October 2002-2027	3,000	1,000
City of Compton Conjunctive Use Project (Central Basin)	Compton	February 2005-2030	2,289	763
Long Beach Conjunctive Use Program Expansion in Lakewood (Central Basin)	Long Beach	July 2005-2030	3,600	1,200
Upper Claremont Basin Groundwater Storage Program (Six Basins)	TVMWD	Sept. 2005- 2030	3,000	1,000
Elsinore Basin Conjunctive Use Storage Program	Western MWD Elsinore Valley MWD	May 2008- 2033	12,000	4,000
TOTAL			211,889	70,263

Metropolitan Demand Management Programs

Demand management costs are Metropolitan's expenditures for funding local water resource development programs and water conservation programs. These Demand Management Programs incentivize the development of local water supplies and the conservation of water to reduce the need to import water to deliver to Metropolitan's member agencies. These programs are implemented below the delivery points between Metropolitan's and its member agencies' distribution systems and, as such, do not add any water to Metropolitan's supplies. Rather, the effect of these downstream programs is to produce a local supply of water for the local agencies and to reduce demands by member agencies for water imported through Metropolitan's system. The following discussions outline how Metropolitan funds local resources and conservation programs for the benefit of all of its member agencies and the entire Metropolitan service area. Notably, the history of demand management by Metropolitan's member agencies and the local agencies that purchase water from Metropolitan's members has spanned more than four decades. The significant history of the programs is another reason it would be difficult to attempt to assign a portion of such funding to any one individual member agency.

Local Resources Programs

In 1982, Metropolitan began providing financial incentives to its member agencies to develop new local supplies to assist in meeting the region's water needs. Because of Metropolitan's regional distribution

system, these programs benefit all member agencies regardless of project location because they help to increase regional water supply reliability, reduce demands for imported water supplies, decrease the burden on Metropolitan's infrastructure, reduce system costs and free up conveyance capacity to the benefit of all the agencies that rely on water from Metropolitan.

For example, the Groundwater Replenishment System (GWRS) operated by the Orange County Water District is the world's largest water purification system for indirect potable reuse. It was funded, in part, by Metropolitan's member agencies through the Local Resources Program. Annually, the GWRS produces approximately 103,000 acre-feet of reliable, locally controlled, drought-proof supply of high-quality water to recharge the Orange County Groundwater Basin and protect it from seawater intrusion. The GWRS is a premier example of a regional project that significantly reduced the need to utilize imported water for groundwater replenishment in Metropolitan's service area, increasing regional and local supply reliability and reducing the region's reliance on imported supplies, including supplies from the State Water Project.

Metropolitan's local resource programs have evolved through the years to better assist Metropolitan's member agencies in increasing local supply production. The following is a description and history of the local supply incentive programs.

Local Projects Program

In 1982, Metropolitan initiated the Local Projects Program (LPP), which provided funding to member agencies to facilitate the development of recycled water projects. Under this approach, Metropolitan contributed a negotiated up-front funding amount to help finance project capital costs. Participating member agencies were obligated to reimburse Metropolitan over time. In 1986, the LPP was revised, changing the up-front funding approach to an incentive-based approach. Metropolitan contributed an amount equal to the avoided State Water Project pumping costs for each acre-foot of recycled water delivered to end-use consumers. This funding incentive was based on the premise that local projects resulted in the reduction of water imported from the Delta and the associated pumping cost. The incentive amount varied from year to year depending on the actual variable power cost paid for State Water Project imports. In 1990, Metropolitan's Board increased the LPP contribution to a fixed rate of \$154 per acre-foot, which was calculated based on Metropolitan's avoided capital and operational costs to convey, treat, and distribute water, and included considerations of reliability and service area demands.

Groundwater Recovery Program

The drought of the early 1990s sparked the need to develop additional local water resources, aside from recycled water, to meet regional demand and increase regional water supply reliability. In 1991, Metropolitan conducted the Brackish Groundwater Reclamation Study which determined that large amounts of degraded groundwater in the region were not being utilized. Subsequently, the Groundwater Recovery Program (GRP) was established to assist the recovery of otherwise unusable groundwater degraded by minerals and other contaminants, provide access to the storage assets of the degraded groundwater, and maintain the quality of groundwater resources by reducing the spread of degraded plumes.

Local Resources Program

In 1995, Metropolitan's Board adopted the Local Resources Program (LRP), which combined the LPP and GRP into one program. The Board allowed for existing LPP agreements with a fixed incentive rate to convert to the sliding scale up to \$250 per acre-foot, similar to GRP incentive terms. Those agreements that were converted to LRP are known as "LRP Conversions."

Competitive Local Projects Program

In 1998, the Competitive Local Resources Program (Competitive Program) was established. The Competitive Program encouraged the development of recycled water and recovered groundwater through a process that emphasized cost-efficiency to Metropolitan, timing new production according to

regional need while minimizing program administration cost. Under the Competitive Program, agencies requested an incentive rate up to \$250 per acre-foot of production over 25 years under a Request for Proposals (RFP) for the development of up to 53,000 acre-feet per year of new water recycling and groundwater recovery projects. In 2003, a second RFP was issued for the development of an additional 65,000 acre-feet of new recycled water and recovered groundwater projects through the LRP.

Seawater Desalination Program

Metropolitan established the Seawater Desalination Program (SDP) in 2001 to provide financial incentives to member agencies for the development of seawater desalination projects. In 2014, seawater desalination projects became eligible for funding under the LRP, and the SDP was ended.

2007 Local Resources Program

In 2006, a task force comprised of member agency representatives was formed to identify and recommend program improvements to the LRP. As a result of the task force process, the 2007 LRP was established with a goal of 174,000 acre-feet per year of additional local water resource development. The new program allowed for an open application process and eliminated the previous competitive process. This program offered sliding scale incentives of up to \$250 per acre-foot, calculated annually based on a member agency's actual local resource project costs exceeding Metropolitan's prevailing water rate.

2014 Local Resources Program

A series of workgroup meetings with member agencies was held to identify the reasons why there was a lack of new LRP applications coming into the program. The main constraint identified by the member agencies was that the \$250 per acre-foot was not providing enough of an incentive for developing new projects due to higher construction costs to meet water quality requirements and to develop the infrastructure to reach end-use consumers located further from treatment plants. As a result, in 2014, the Board authorized an increase in the maximum incentive amount, provided alternative payment structures, included onsite retrofit costs and reimbursable services as part of the LRP, and added eligibility for seawater desalination projects. The current LRP incentive payment options are structured as follows:

- Option 1 – Sliding scale incentive up to \$340/AF for a 25-year agreement term
- Option 2 – Sliding scale incentive up to \$475/AF for a 15-year agreement term
- Option 3 – Fixed incentive up to \$305/AF for a 25-year agreement term

On-site Retrofit Programs

In 2014, Metropolitan's Board also approved the On-site Retrofit Pilot Program which provided financial incentives to public or private entities toward the cost of small-scale improvements to their existing irrigation and industrial systems to allow connection to existing recycled water pipelines. The On-site Retrofit Pilot Program helped reduce recycled water retrofit costs to the end-use consumer which is a key constraint that limited recycled water LRP projects from reaching full production capacity. The program incentive was equal to the actual eligible costs of the on-site retrofit, or \$975 per acre-foot of up-front cost, which equates to \$195 per acre-foot for an estimated five years of water savings (\$195/AF x 5 years) multiplied by the average annual water use in previous three years, whichever is less. The Pilot Program lasted two years and was successful in meeting its goal of accelerating the use of recycled water.

In 2016, Metropolitan's Board authorized the On-site Retrofit Program (ORP), with an additional budget of \$10 million. This program encompassed lessons learned from the Pilot Program and feedback from member agencies to make the program more streamlined and improve its efficiency. As of fiscal year 2019/20, the ORP has successfully converted 440 sites, increasing the use of recycled water by 12,691 acre-feet per year.

Stormwater Pilot Programs

In 2019, Metropolitan's Board authorized both the Stormwater for Direct Use Pilot Program and a Stormwater for Recharge Pilot Program to study the feasibility of reusing stormwater to help meet regional demands in Southern California. These pilot programs are intended to encourage the development, monitoring, and study of new and existing stormwater projects by providing financial incentives for their construction/retrofit and monitoring/reporting costs. These pilot programs will help evaluate the potential benefits delivered by stormwater capture projects and provide a basis for potential future funding approaches. Metropolitan's Board authorized a total of \$12.5 million for the stormwater pilot programs (\$5 million for the District Use Pilot and \$7.5 million for the Recharge Pilot).

Current Status and Results of Metropolitan's Local Resource Programs

Today, nearly one-half of the total recycled water and groundwater recovery production in the region has been developed with an incentive from one or more of Metropolitan's local resource programs. During fiscal year 2020, Metropolitan provided about \$13 million for production of 71,000 acre-feet of recycled water for non-potable and indirect potable uses. Metropolitan provided about \$4 million to support projects that produced about 50,000 acre-feet of recovered groundwater for municipal use. Since 1982, Metropolitan has invested \$680 million to fund 85 recycled water projects and 27 groundwater recovery projects that have produced a cumulative total of about 4 million acre-feet.

Conservation Programs

Metropolitan's regional conservation programs and approaches have a long history. Decades ago, Metropolitan recognized that demand management at the consumer level would be an important part of balancing regional supplies and demands. Water conservation efforts were seen as a way to reduce the need for imported supplies and offset the need to transport or store additional water into or within the Metropolitan service area. The actual conservation of water takes place at the retail consumer level. Regional conservation approaches have proven to be effective at reaching retail consumers throughout Metropolitan's service area and successfully implementing water saving devices, programs and practices. Through the pooling of funding by Metropolitan's member agencies, Metropolitan is able to engage in regional campaigns with wide-reaching impact. Regional investments in demand management programs, of which conservation is a key part along with local supply programs, benefit all member agencies regardless of project location. These programs help to increase regional water supply reliability, reduce demands for imported water supplies, decrease the burden on Metropolitan's infrastructure, reduce system costs, and free up conveyance capacity to the benefit of all member agencies.

Incentive-Based Conservation Programs

Conservation Credits Program

In 1988, Metropolitan's Board approved the Water Conservation Credits Program (Credits Program). The Credits Program is similar in concept to the Local Projects Program (LPP). The purpose of the Credits Program is to encourage local water agencies to implement effective water conservation projects through the use of financial incentives. The Credits Program provides financial assistance for water conservation projects that reduce demands on Metropolitan's imported water supplies and require Metropolitan's assistance to be financially feasible.

Initially, the Credits Program provided 50 percent of a member agency's program cost, up to a maximum of \$75 per acre-foot of estimated water savings. The \$75 Base Conservation Rate was established based Metropolitan's avoided cost of pumping SWP supplies. The Base Conservation Rate has been revisited by Metropolitan's Board and revised twice since 1988, from \$75 to \$154 per acre-foot in 1990 and from \$154 to \$195 per acre-foot in 2005.

In fiscal year 2020 Metropolitan processed more than 30,400 rebate applications totaling \$18.9 million.

Member Agency Administered Program

Some member agencies also have unique programs within their service areas that provide local rebates that may differ from Metropolitan's regional program. Metropolitan continues to support these local efforts through a member agency administered funding program that adheres to the same funding guidelines as the Credits Program. The Member Agency Administered Program allows member agencies to receive funding for local conservation efforts that supplement, but do not duplicate, the rebates offered through Metropolitan's regional rebate program.

Water Savings Incentive Program

There are numerous commercial entities and industries within Metropolitan's service area that pursue unique savings opportunities that do not fall within the general rebate programs that Metropolitan provides. In 2012, Metropolitan designed the Water Savings Incentive Program (WSIP) to target these unique commercial and industrial projects. In addition to rebates for devices, under this program, Metropolitan provides financial incentives to businesses and industries that created their own custom water efficiency projects. Qualifying custom projects can receive funding for permanent water efficiency changes that result in reduced potable demand.

Non-Incentive Conservation Programs

In addition to its incentive-based conservation programs, Metropolitan also undertakes additional efforts throughout its service area that help achieve water savings without the use of rebates. Metropolitan's non-incentive conservation efforts include:

- residential and professional water efficient landscape training classes
- water audits for large landscapes
- research, development and studies of new water saving technologies
- advertising and outreach campaigns
- community outreach and education programs
- advocacy for legislation, codes, and standards that lead to increased water savings

Current Status and Results of Metropolitan's Conservation Programs

Since 1990, Metropolitan has invested \$824 million in conservation rebates that have resulted in a cumulative savings of 3.27 million acre-feet of water. These investments include \$450 million in turf removal and other rebates during the last drought which resulted in 175 million square feet of lawn turf removed. During fiscal year 2020, 1.06 million acre-feet of water is estimated to have been conserved. This annual total includes Metropolitan's Conservation Credits Program; code-based conservation achieved through Metropolitan-sponsored legislation; building plumbing codes and ordinances; reduced consumption resulting from changes in water pricing; and pre-1990 device retrofits.

Infeasibility of Accounting Regional Investments in Reduced Reliance Below the Regional Level

The accounting of regional investments that contribute to reduced reliance on supplies from the Delta watershed is straightforward to calculate and report at the regional aggregate level. However, any similar accounting is infeasible for the individual member agencies or their customers. As described above, the region (through Metropolitan) makes significant investments in projects, programs and other resources that reduce reliance on the Delta. In fact, all of Metropolitan's investments in Colorado River supplies, groundwater and surface storage, local resources development and demand management measures that reduce reliance on the Delta are collectively funded by revenues generated from the member agencies through rates and charges.

Metropolitan’s revenues cannot be matched to the demands or supply production history of an individual agency, or consistently across the agencies within the service area. Each project or program funded by the region has a different online date, useful life, incentive rate and structure, and production schedule. It is infeasible to account for all these things over the life of each project or program and provide a nexus to each member agency’s contributions to Metropolitan’s revenue stream over time. Accounting at the regional level allows for the incorporation of the local supplies and water use efficiency programs done by member agencies and their customers through both the regional programs and through their own specific local programs. As shown above, despite the infeasibility of accounting reduced Delta reliance below the regional level, Metropolitan’s member agencies and their customers have together made substantial contributions to the region’s reduced reliance.

Because of this infeasibility to separate out the individual member agency’s reduced reliance on the Delta, Metropolitan has completed the analysis to demonstrate a regional wide reduction which is shown in Table C-4.

4. Summary of Expected Outcomes for Reduced Reliance on the Delta

As stated in WR P1(c)(1)(C), the policy requires that, commencing in 2015, UWMPs include expected outcomes for measurable reduction in Delta reliance and improved regional self-reliance. WR P1 further states that those outcomes shall be reported in the UWMP as the reduction in the amount of water used, or in the percentage of water used, from the Delta.

The expected outcomes for TVWD’s reduced Delta reliance and regional self-reliance were developed using the approach and guidance described in the Guidebook Appendix C issued in March 2021.

Improved Regional Self-Reliance

The data used to demonstrate increased regional self-reliance in this analysis represent TVWD’s imported potable water use. The following provides a summary of the near-term (2025) and long-term (2045) expected outcomes for TVWD’s regional self-reliance.

- Near-term (2025) – Normal water year regional self-reliance is expected to increase by approximately 7,600 AF from the 2010 baseline (Table C-3).
- Long-term (2045) – Normal water year regional self-reliance is expected to increase by approximately 8,600 AF from the 2010 baseline (Table C-3).

The results show that TVWD is reducing reliance on the Delta and improving regional self-reliance through water efficient practices, in conjunction with Western, Metropolitan, and other member agency efforts. As discussed, additional investments in local supplies, such as recycled water, were not included in this analysis to be conservative due to gaps in comparable data between the 2010 baseline and future years. As a result, the improvement in regional self-reliance is expected to be even greater than demonstrated in this analysis.

Reduced Reliance on Supplies from the Delta Watershed

For reduced reliance on supplies from the Delta Watershed, the data used in this analysis represent the total regional efforts of Metropolitan, its member agencies (e.g., Western), and their customers (including TVWD), and were developed in conjunction with Western and other Metropolitan member agencies as part of the UWMP coordination process (as described in Section 5 of Metropolitan’s 2020 UWMP). In accordance with UWMP requirements, Metropolitan’s member agencies and their customers (many of them retail agencies) also report demands and supplies for their service areas in their respective UWMPs. The data reported by those agencies are not additive to the regional totals shown in Metropolitan’s UWMP, rather their reporting represents subtotals of the regional total and should be considered as such for the purposes of determining reduced reliance on the Delta.

While the demands that Metropolitan’s member agencies and their customers report in their UWMP’s are a good reflection of the demands in their respective service areas, they do not adequately represent each water suppliers’ individual contributions to reduced reliance on the Delta. To calculate and report their reliance on water supplies from the Delta watershed, water suppliers that receive water from the Delta through other regional or wholesale water suppliers would need to determine the amount of Delta water that they receive from the regional or wholesale supplier. Two specific pieces of information are needed to accomplish this, first is the quantity of demands on the regional or wholesale water supplier that accurately reflect a supplier’s contributions to reduced reliance on the Delta and second is the quantity of a supplier’s demands on the regional or wholesale water supplier that are met by supplies from the Delta watershed.

For water suppliers that make investments in regional projects or programs it may be infeasible to quantify their demands on the regional or wholesale water supplier in a way that accurately reflects their individual contributions to reduced reliance on the Delta. Due to the extensive, long-standing, and successful implementation of regional demand management and local resource incentive programs in Metropolitan’s service area, this infeasibility holds true for Metropolitan’s members as well as their customers. For Metropolitan’s service area, reduced reliance on supplies from the Delta watershed can only be accurately accounted for at the regional level.

The results show that as a region, Metropolitan and its members (including Western) as well as their customers (TVWD) are measurably reducing reliance on the Delta and improving regional self-reliance.

5. UWMP Implementation

In addition to the analysis and documentation described above, WR P1 subsection (c)(1)(B) requires that all programs and projects included in the UWMP that are locally cost-effective and technically feasible, which reduce reliance on the Delta, are identified, evaluated, and implemented consistent with the implementation schedule. WR P1 (c)(1)(B) states that:

(B) Identified, evaluated, and commenced implementation, consistent with the implementation schedule set forth in the Plan, of all programs and projects included in the Plan that are locally cost effective and technically feasible which reduce reliance on the Delta[.]

In accordance with Water Code Section 10631(f), water suppliers must already include in their UWMP a detailed description of expected future projects and programs that they may implement to increase the amount of water supply available to them in normal and single-dry water years and for a period of drought lasting five consecutive years. The UWMP description must also identify specific projects, include a description of the increase in water supply that is expected to be available from each project, and include an estimate regarding the implementation timeline for each project or program. Details on TVWD’s supply is described in Chapter 6 of its 2020 UWMP.

6. 2015 UWMP Appendix I

The information contained in this appendix is also intended to be a new Appendix I to TVWD’s 2015 UWMP consistent with WR P1 subsection (c)(1)(C) (Cal. Code Regs. tit. 23, § 5003). TVWD provided notice of the availability of the draft 2020 UWMP, 2020 WSCP, and the new Appendix I to the 2015 UWMP and held a public hearing to consider adoption of the documents in accordance with CWC Sections 10621(b) and 10642, and Government Code Section 6066, and Chapter 17.5 (starting with Section 7290) of Division 7 of Title 1 of the Government Code. The public review drafts of the 2020 UWMP, 2020 WSCP, and Appendix I to the 2015 UWMP were posted on TVWD’s website in advance of the public hearing on November 23, 2021. The notice of availability of the documents was sent to TVWD’s customers, as well as cities and counties in TVWD’s service area. Copies of the notification letters are included in the 2020 UWMP Appendix C. Thus, this Appendix A to TVWD’s 2020 UWMP, which was adopted with TVWD’s 2020 UWMP, will also be recognized and treated as Appendix I to TVWD’s 2015 UWMP.

TVWD held a public hearing for the draft 2020 UWMP, draft 2020 WSCP, and draft Appendix I to the 2015 UWMP on November 23, 2021, at a regular Board of Directors (Board) meeting, held online due to COVID-19 concerns. TVWD's Board determined that the 2020 UWMP and the 2020 WSCP accurately represent the water resources plan for TVWD's service area. In addition, TVWD's Board determined that this appendix to both the 2015 UWMP and the 2020 UWMP includes all the elements described in Delta Plan Policy WR P1, Reduce Reliance on the Delta through Improved Regional Water Self-Reliance (Cal. Code Regs. tit. 23, § 5003), which need to be included in a water supplier's UWMP to support a certification of consistency for a future covered action. As stated in Resolutions XXXX, XXXX, and XXXX, TVWD's Board adopted the 2020 UWMP, 2020 WSCP, and Appendix I to the 2015 UWMP and authorized their submittal to the State of California. Copies of the resolutions are included in the 2020 UWMP Appendix G.

Table 1. C-1 Optional Calculation of Water Use Efficiency

Service Area Water Use Efficiency Demands (Acre-Feet)		Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Service Area Water Demands with Water Use Efficiency Accounted For		6,161	6,501	3,221	5,152	5,825	5,825	5,825	5,825
Non-Potable Water Demands									
Potable Service Area Demands with Water Use Efficiency Accounted For		6,161	6,501	3,221	5,152	5,825	5,825	5,825	5,825

Total Service Area Population		Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Service Area Population		12,461	18,437	16,919	25,868	29,242	29,242	29,242	29,242

Water Use Efficiency Since Baseline (Acre-Feet)		Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Per Capita Water Use (GPCD)		441	315	170	178	178	178	178	178
Change in Per Capita Water Use from Baseline (GPCD)			(127)	(271)	(264)	(264)	(264)	(264)	(264)
Estimated Water Use Efficiency Since Baseline			2,614	5,144	7,637	8,632	8,632	8,632	8,632

Table 2. C-2 Calculation of Service Area Demands without Water Use Efficiency

Total Service Area Water Demands (Acre-Feet)		Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Service Area Water Demands with Water Use Efficiency Accounted For		6,161	6,501	3,221	5,152	5,825	5,825	5,825	5,825
Reported Water Use Efficiency or Estimated Water Use Efficiency Since Baseline		-	1,183	3,831	5,630	6,363	6,363	6,363	6,363
Service Area Water Demands without Water Use Efficiency Accounted For		6,161	7,684	7,052	10,782	12,188	12,188	12,188	12,188

Table 3. C-3 Calculation of Supplies Contributing to Regional Self-Reliance

Water Supplies Contributing to Regional Self-Reliance (Acre-Feet)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Water Use Efficiency	-	1,183	3,831	5,630	6,363	6,363	6,363	6,363
Water Recycling								
Stormwater Capture and Use								
Advanced Water Technologies								
Conjunctive Use Projects								
Local and Regional Water Supply and Storage Projects								
Other Programs and Projects the Contribute to Regional Self-Reliance								
Water Supplies Contributing to Regional Self-Reliance	-	1,183	3,831	5,630	6,363	6,363	6,363	6,363

Service Area Water Demands without Water Use Efficiency (Acre-Feet)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Service Area Water Demands without Water Use Efficiency Accounted For	6,161	7,684	7,052	10,782	12,188	12,188	12,188	12,188

Change in Regional Self Reliance (Acre-Feet)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Water Supplies Contributing to Regional Self-Reliance	-	1,183	3,831	5,630	6,363	6,363	6,363	6,363
Change in Water Supplies Contributing to Regional Self-Reliance		1,183	3,831	5,630	6,363	6,363	6,363	6,363

Percent Change in Regional Self Reliance (As Percent of Demand w/out WUE)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Percent of Water Supplies Contributing to Regional Self-Reliance	0.0%	15.4%	54.3%	52.2%	52.2%	52.2%	52.2%	52.2%
Change in Percent of Water Supplies Contributing to Regional Self-Reliance		15.4%	54.3%	52.2%	52.2%	52.2%	52.2%	52.2%

Table 4. C-4 Calculation of Reliance on Water Supplies from the Delta Watershed

Water Supplies from the Delta Watershed (Acre-Feet)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
CVP/SWP Contract Supplies	1,472,000	1,029,000	984,000	1,133,000	1,130,000	1,128,000	1,126,000	1,126,000
Delta/Delta Tributary Diversions								
Transfers and Exchanges	20,000	44,000	91,000	58,000	52,000	52,000	52,000	52,000
Other Water Supplies from the Delta Watershed								
Total Water Supplies from the Delta Watershed	1,492,000	1,073,000	1,075,000	1,191,000	1,182,000	1,180,000	1,178,000	1,178,000

Service Area Water Demands without Water Use Efficiency (Acre-Feet)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Service Area Water Demands without Water Use Efficiency Accounted For	5,493,000	5,499,000	5,219,000	4,925,000	5,032,000	5,156,000	5,261,000	5,374,000

Change in Supplies from the Delta Watershed (Acre-Feet)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Water Supplies from the Delta Watershed	1,492,000	1,073,000	1,075,000	1,191,000	1,182,000	1,180,000	1,178,000	1,178,000
Change in Water Supplies from the Delta Watershed		(419,000)	(417,000)	(301,000)	(310,000)	(312,000)	(314,000)	(314,000)

Percent Change in Supplies from the Delta Watershed (As a Percent of Demand w/out WUE)	Baseline (2010)	2015	2020	2025	2030	2035	2040	2045 (Optional)
Percent of Water Supplies from the Delta Watershed	27.2%	19.5%	20.6%	24.2%	23.5%	22.9%	22.4%	21.9%
Change in Percent of Water Supplies from the Delta Watershed		-7.6%	-6.6%	-3.0%	-3.7%	-4.3%	-4.8%	-5.2%

RESOLUTION No. R-21-21

RESOLUTION OF THE TEMESCAL VALLEY
WATER DISTRICT ADOPTING THE 2020 URBAN
WATER MANAGEMENT PLAN

WHEREAS, The California Urban Water Management Planning Act, Water Code Section 10610 et seq. (the Act), mandates that every urban supplier of water providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre feet of water annually, prepare an Urban Water Management Plan (Plan); and

WHEREAS, the Act generally requires that said Plan be updated and adopted at least once every five years, in years ending in six and one; and

WHEREAS, pursuant to recent amendments to the Act, urban water suppliers are required to update and electronically submit their 2020 Plans to the California Department of Water Resources; and

WHEREAS, pursuant to the Water Conservation Act of 2009, also referred to as SB X7-7 (Water Code section 10608 et seq.), an "urban retail water supplier" is defined as a water supplier that directly provides potable municipal water to more than 3,000 end users or that supplies more than 3,000 acre feet of potable water annually at retail for municipal purposes, and an "urban wholesale water supplier" is defined as a water supplier that provides more than 3,000 acre feet of water annually at wholesale for potable municipal purposes; and

WHEREAS, the Temescal Valley Water (DISTRICT) meets the definition of an urban retail water supplier for purposes of the Act and SB X7-7; and

WHEREAS, the DISTRICT has prepared a 2020 Plan in accordance with the Act and SB X7-7, and in accordance with applicable legal requirements, has undertaken certain coordination, notice, public involvement, public comment, and other procedures in relation to its 2020 Plan; and

WHEREAS, in accordance with the Act and SB X7-7, the DISTRICT has prepared its 2020 Plan with its own staff, with the assistance of consulting professionals, and in cooperation with other governmental agencies, and has utilized and relied upon industry standards and the expertise of industry professionals in preparing its 2020 Plan, and has also utilized the California Department of General Guidebook for Urban Water Suppliers to Prepare 2020 Urban Water Management Plans (March 2021), including its related appendices, in preparing its 2020 Plan; and

WHEREAS, in accordance with applicable law, including Water Code sections 10608.26 and 10642, and Government Code section 6066, a Notice of a Public Hearing regarding the DISTRICT's 2020 Plan was published within the jurisdiction of the DISTRICT on November 5, 2021, and November 12, 2021; and

WHEREAS, in accordance with applicable law, including but not limited to Water Code sections 10608.26 and 10642, a public hearing was held on November 23, 2021 at 8:30 a.m., or soon thereafter, at the District's Board Room, 22646 Temescal Canyon Road, Temescal Valley, California 92883, in order to provide members of the public and other interested entities with the opportunity to be heard in connection with proposed adoption of the 2020 Plan and issues related thereto; and

WHEREAS, pursuant to said public hearing on the DISTRICT's 2020 Plan, the DISTRICT, among other things,

encouraged the active involvement of diverse social, cultural, and economic members of the community within the DISTRICT's service area with regard to the preparation of the Plan, encouraged community input regarding the DISTRICT's 2020 Urban Water Management Plan; and

WHEREAS, the DISTRICT has reviewed and considered the purposes and requirements of the Act and SB X7-7, the contents of the 2020 Plan, and the documentation contained in the administrative record in support of the 2020 Plan, and has determined that the factual analyses and conclusions set forth in the 2020 Plan are legally sufficient; and

WHEREAS, the DISTRICT desires to adopt the 2020 Plan in order to comply with the Act and SB X7-7.

NOW THEREFORE BE IT RESOLVED, the DISTRICT hereby resolve as follows:

1. The 2020 Urban Water Management Plan is hereby adopted as amended by changes incorporated by the DISTRICT as a result of input received (if any) at the public hearing and ordered filed with the Secretary of the DISTRICT;

2. The General Manager is hereby authorized and directed to include a copy of this Resolution in the DISTRICT's 2020 Plan;

3. The General Manager is hereby authorized and directed, in accordance with Water Code sections 10621(d) and 10644(a)(1)-(2), to electronically submit a copy of the 2020 Plan to the California Department of Water Resources;

4. The General Manager is hereby authorized and directed, in accordance with Water Code section 10644(a), to submit a copy of the 2020 Plan to the California State

Library, no later than thirty (30) days after this adoption date;

5. The General Manager is hereby authorized and directed, in accordance with Water Code section 10645, to make the 2020 Plan available for public review at the DISTRICT's offices during normal business hours and on the DISTRICT's website no later than thirty (30) days after filing a copy of the Plan with the California Department of Water Resources;

6. The General Manager is hereby authorized and directed, in accordance with Water Code Section 10635(b), to provide that portion of the 2020 Plan prepared pursuant to Water Code Section 10635(a) to any city or county within which the DISTRICT provides water supplies no later than sixty (60) days after submitting a copy of the Plan with the California Department of Water Resources;

7. The General Manager is hereby authorized and directed to implement the 2020 Plan in accordance with the Act and SB X7-7 and to provide recommendations to the DISTRICT regarding the necessary budgets, procedures, rules, regulations, or further actions to carry out the effective and equitable implementation of the 2020 Plan.

ADOPTED, this 23rd day of November, 2021.

CHARLES W. COLLADAY
President

I HEREBY CERTIFY that the foregoing is a full, true, and correct copy of Resolution No. R-21-21 adopted by the Board of Directors of the TEMESCAL VALLEY WATER DISTRICT at its regular meeting held on November 23rd, 2021.

PAUL RODRIGUEZ
Secretary

RESOLUTION NO. R-21-22

RESOLUTION OF THE TEMESCAL VALLEY
WATER DISTRICT ADOPTING THE WATER
SHORTAGE CONTINGENCY PLAN

WHEREAS, The California Urban Water Management Planning Act, Water Code Section 10610 et seq. (the Act), mandates that every urban supplier of water providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre feet of water annually, prepare and adopt, in accordance with prescribed requirements, a water shortage contingency plan (WSCP); and

WHEREAS, the Act specifies the requirements and procedures for adopting such Water Shortage Contingency Plans; and

WHEREAS, pursuant to recent amendments to the Act, urban water suppliers are required to adopt and electronically submit their WSCPs to the California Department of Water Resources; and

WHEREAS, pursuant to the Water Conservation Act of 2009, also referred to as SB X7-7 (Water Code section 10608 et seq.), an "urban retail water supplier" is defined as a water supplier that directly provides potable municipal water to more than 3,000 end users or that supplies more than 3,000 acre feet of potable water annually at retail for municipal purposes, and an "urban wholesale water supplier" is defined as a water supplier that provides more than 3,000 acre feet of water annually at wholesale for potable municipal purposes; and

WHEREAS, the TEMESCAL VALLEY WATER DISTRICT (DISTRICT) meets the definition of an urban retail water supplier for purposes of the Act and SB X7-7; and

WHEREAS, the DISTRICT has prepared a WSCP in accordance with the Act and SB X7-7, and in accordance with applicable legal requirements, has undertaken certain coordination, notice, public involvement, public comment, and other procedures in relation to its WSCP; and

WHEREAS, in accordance with the Act and SB X7-7, the DISTRICT has prepared its WSCP with its own staff, with the assistance of consulting professionals, and in cooperation with other governmental agencies, and has utilized and relied upon industry standards and the expertise of industry professionals in preparing its WSCP, and has also utilized the California Department of Water Resources Guidebook for Urban Water Suppliers to Prepare 2020 Urban Water Management Plans (March 2021), including its related appendices, in preparing its WSCP; and

WHEREAS, in accordance with applicable law, including Water Code sections 10608.26 and 10642, and Government Code section 6066, a Notice of a Public Hearing regarding the DISTRICT's WSCP was published within the jurisdiction of the DISTRICT on November 5, 2021, and November 12, 2021; and

WHEREAS, in accordance with applicable law, including but not limited to Water Code sections 10608.26 and 10642, a public hearing was held on November 23, 2021 at 8:30 a.m., or soon thereafter, in the DISTRICT Board room at 22646 Temescal Canyon Road, Corona, California 92883, in order to provide members of the public and other interested entities with the opportunity to be heard in connection with proposed adoption of the WSCP and issues related thereto; and

WHEREAS, pursuant to said public hearing on the DISTRICT's WSCP, the DISTRICT, among other things,

encouraged the active involvement of diverse social, cultural, and economic members of the community within the DISTRICT's service area with regard to the preparation of the Plan, encouraged community input regarding the DISTRICT's Water Shortage Contingency Plan; and

WHEREAS, the DISTRICT has reviewed and considered the purposes and requirements of the Act and SB X7-7, the contents of the WSCP, and the documentation contained in the administrative record in support of the WSCP, and has determined that the factual analyses and conclusions set forth in the WSCP are legally sufficient; and

WHEREAS, the DISTRICT desires to adopt the WSCP in order to comply with the Act and SB X7-7.

NOW THEREFORE BE IT RESOLVED, the DISTRICT hereby resolve as follows:

1. The Water Shortage Contingency Plan is hereby adopted as amended by changes incorporated by the DISTRICT as a result of input received (if any) at the public hearing and ordered filed with the Secretary of the DISTRICT;

2. The General Manager is hereby authorized and directed to include a copy of this Resolution in the DISTRICT's WSCP and/or in the DISTRICT's 2020 Urban Water Management Plan;

3. The General Manager is hereby authorized and directed, in accordance with Water Code sections 10621(d) and 10644(a)(1)-(2), to electronically submit a copy of the WSCP to the California Department of Water Resources;

4. The Water Resources Manager is hereby authorized and directed, in accordance with Water Code section 10644(a), to submit a copy of the WSCP to the California State Library, and any city or county within which the

DISTRICT provides water supplies no later than thirty (30) days after this adoption date;

5. The General Manager is hereby authorized and directed, in accordance with Water Code section 10645, to make the WSCP available for public review at the DISTRICT's offices during normal business hours and on the DISTRICT's website no later than thirty (30) days after filing a copy of the WSCP with the California Department of Water Resources;

6. The General Manager is hereby authorized and directed, in accordance with Water Code Section 10635(b), to provide that portion of the WSCP prepared pursuant to Water Code Section 10635(a) to any DISTRICT or county within which the DISTRICT provides water supplies no later than sixty (60) days after submitting a copy of the WSCP with the California Department of Water Resources;

7. The General Manager is hereby authorized and directed to implement the WSCP in accordance with the Act and SB X7-7 and to provide recommendations to the DISTRICT Board regarding the necessary budgets, procedures, rules, regulations or further actions to carry out the effective and equitable implementation of the WSCP.

ADOPTED, this 23rd day of November, 2021.

CHARLES W. COLLADAY
President

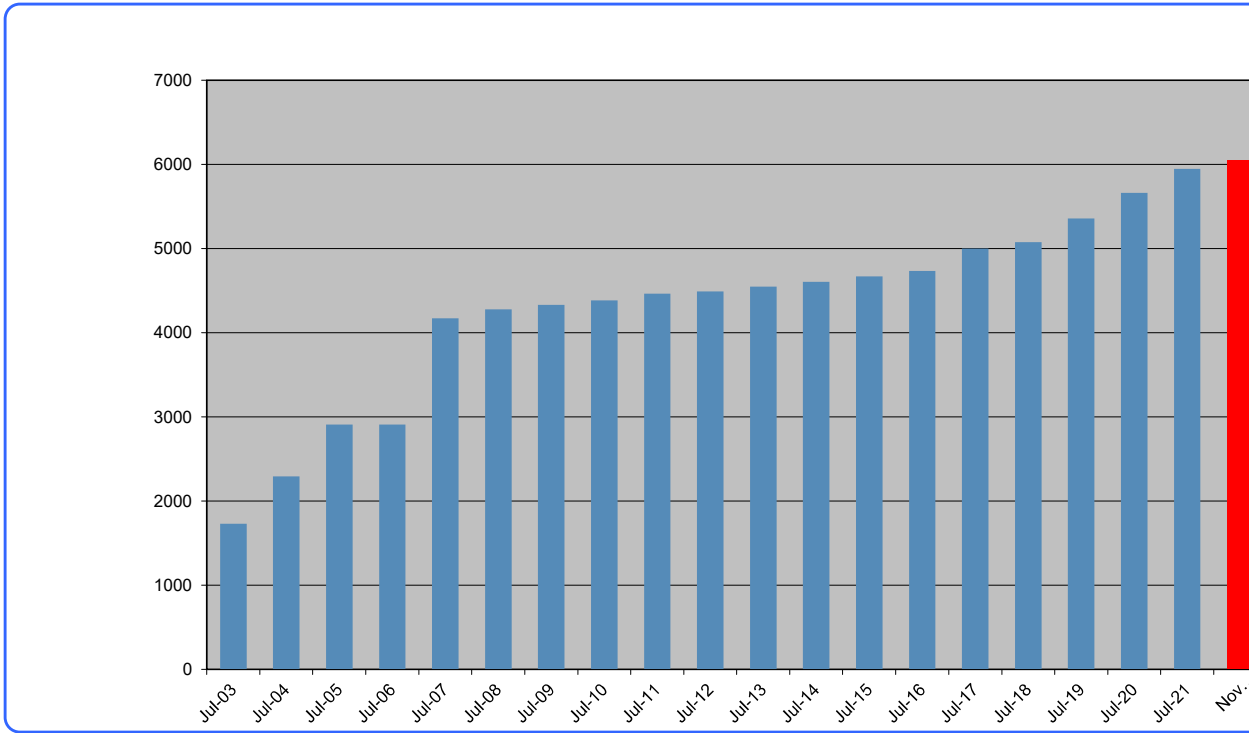
I HEREBY CERTIFY that the foregoing is a full, true, and correct copy of Resolution No. R-21-22 adopted by the Board of Directors of the TEMESCAL VALLEY WATER DISTRICT at its regular meeting held on November 23rd, 2021.

PAUL RODRIGUEZ
Secretary

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
CUSTOMERS	1729	2295	2910	2910	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	5000	5076	5358	5662	5948



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	1443	840	58% 15 MODELS
Harmony Grove	50	50	100%
	<u>6649</u>	<u>6046</u>	91%

TOTAL CUSTOMER COUNT REPORT

October 31, 2021

FOR THE MONTH OF OCTOBER 2021

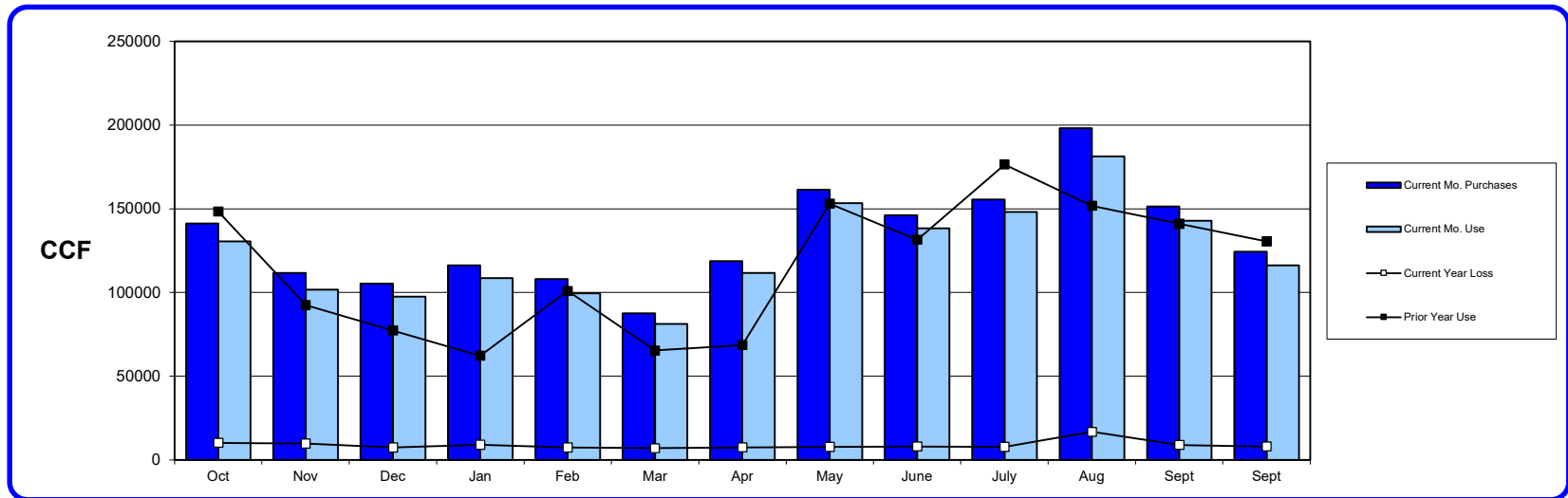
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 23 Accts closed/transf 28 Empty Homes 0			Butterfield (305) Calif. Meadows (345)	
Residential	6002	2	650	6654
Commercial	99	0	2	101
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	68	0	68
Non-Potable Water other	0	158	0	158
Construction-Bulk Sales	0	16	0	16
Total Active Customers	6146	245	652	7043

DELINQUENT REPORT

Meters Read - Customers Billed	6350	
Received Delinquent Notice on current bill	369	
Turned Off for lack of payment	0	0.00%
Customers turned back on, amount paid	0	0.00%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	TOTAL
Beg Water Levels	12481	13198	13498	13953	12583	13762	13202	12786	12967	12886	12791	13105	12830	
Ending Water Levels	13198	13498	13953	12583	13762	13202	12786	12967	12886	12791	13105	12830	13091	
Cur Yearly Purchases	141244	111645	107974	116252	107974	87618	118676	161255	155626	155626	198282	151403	124397	1737972
Cur Yr Monthly Use	130445	101649	99436	108646	99436	81228	111662	153372	148077	148077	181209	142826	116129	1622192
Prior Yr Monthly Use	148423	92435	100925	62210	100925	65393	68501	153127	131536	176462	151828	0	130445	1382210



KEY

2018-2019
2019-2020
2020-2021
2021-2022

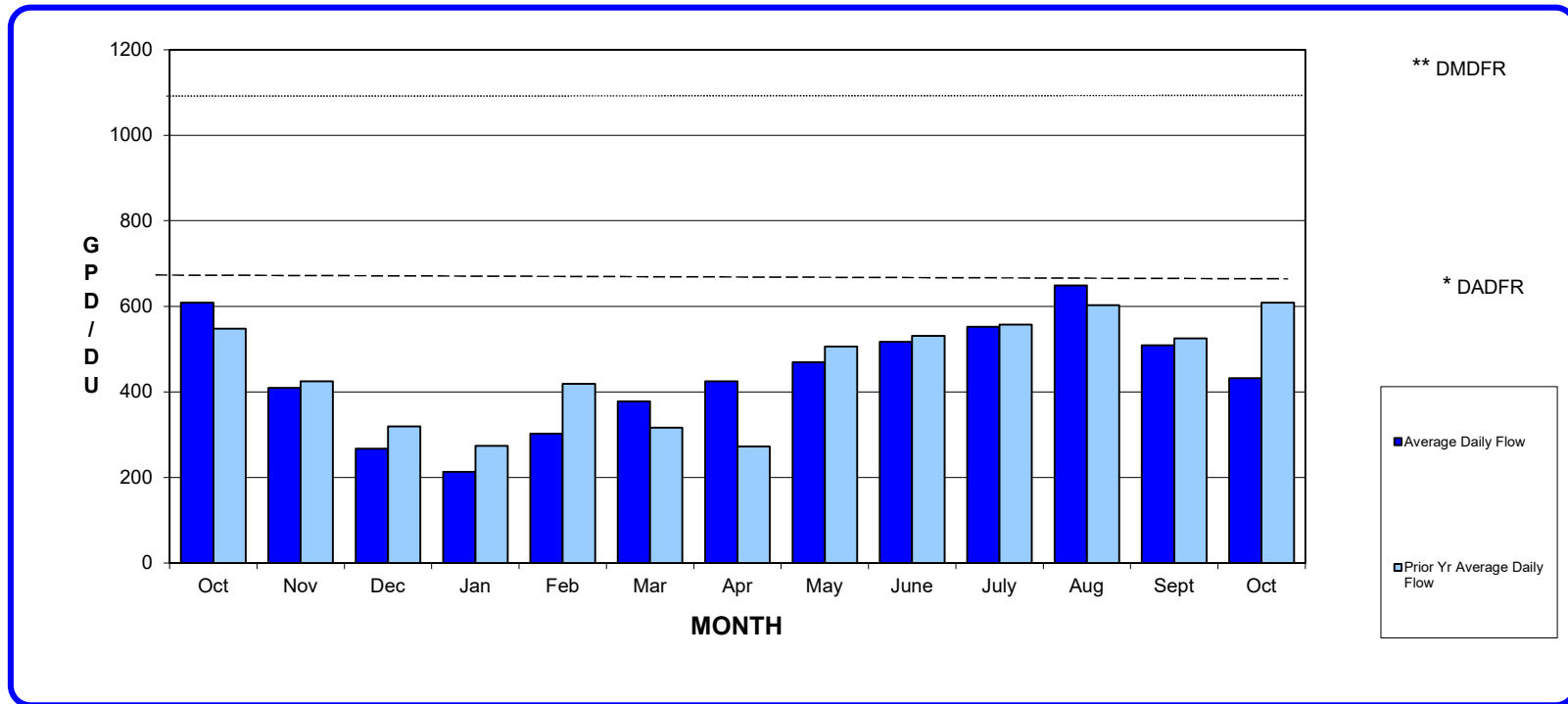
SUMMARY

Beginning Water in System	12481 CCF
Water Purchased in last 13 months	1737972 CCF
Water Used in last 13 months	1622192 CCF
Water Remaining in System	13091 CCF
(Loss)/Gain over last 13 months	(115170) CCF

-6.63%

RESIDENTIAL WATER USAGE AVERAGE DAILY FLOW FOR THE MONTH OF OCTOBER 2021

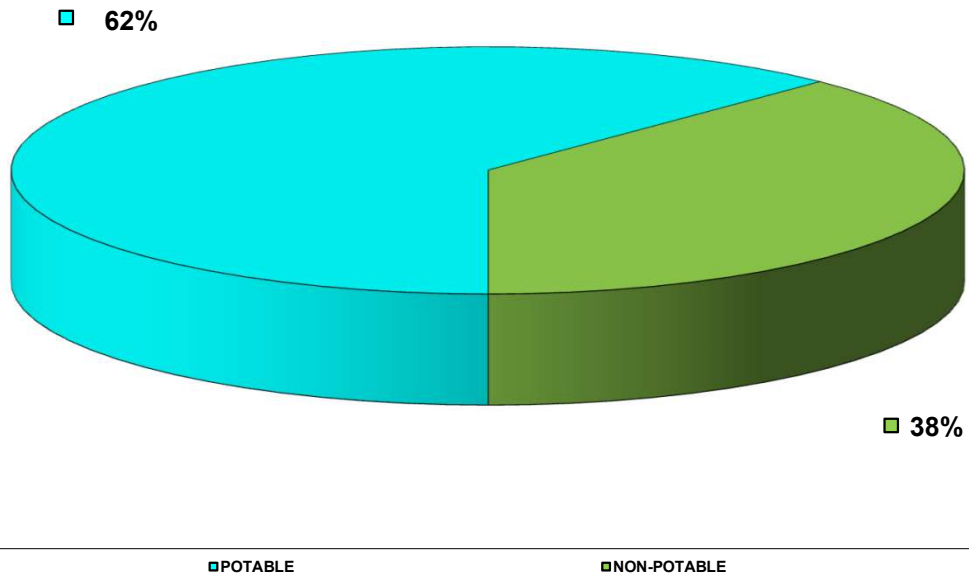
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	YEARLY AVERAGE
Average Daily Flow	608	409	267	213	302	378	425	470	517	552	648	508	432	427
Prior Yr Average Daily Flow	547	424	319	274	419	316	272	506	531	557	603	525	608	446



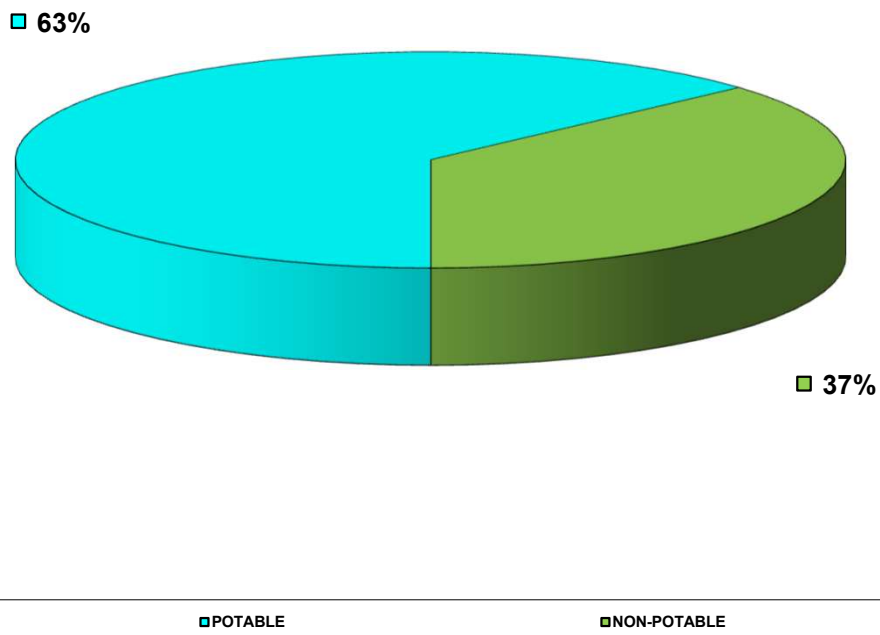
Key
2019-2020
2020-2021
2021-2022

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

**Temescal Valley Water District
Volume of Water Sold
For Four Month Ending October 31, 2021
F/Y 2021-2022**

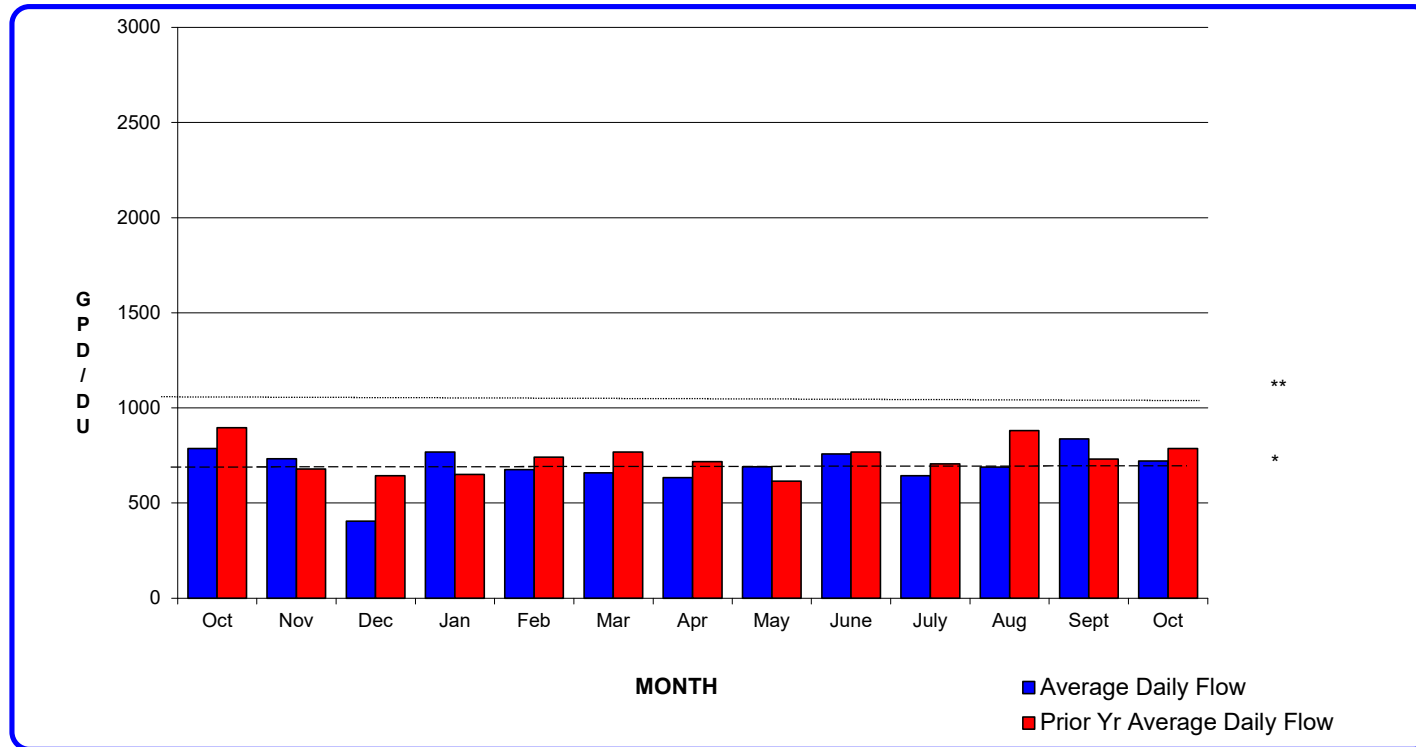


**Temescal Valley Water District
Water Volume Sold
For F/Y 2020-2021
Twelve Months**



COMMERCIAL WATER USAGE AVERAGE DAILY FLOW FOR THE MONTH OF OCTOBER 2021

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	YEARLY AVERAGE
Average Daily Flow	788	732	405	768	676	660	634	691	758	643	689	838	721	685
Prior Yr Average Daily Flow	896	679	644	651	742	769	717	615	769	705	881	730	788	1242



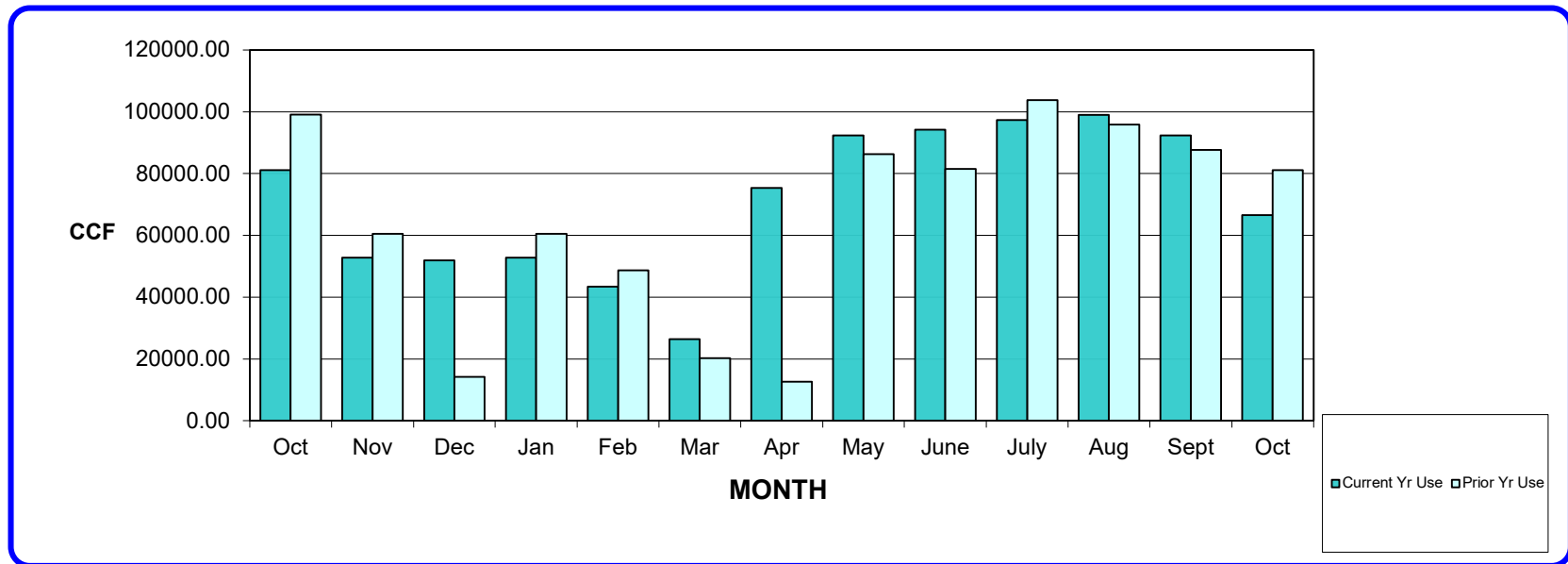
Key
2019-2020
2020-2021
2021-2022

* 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) FOR THE MONTH OF OCTOBER 2021

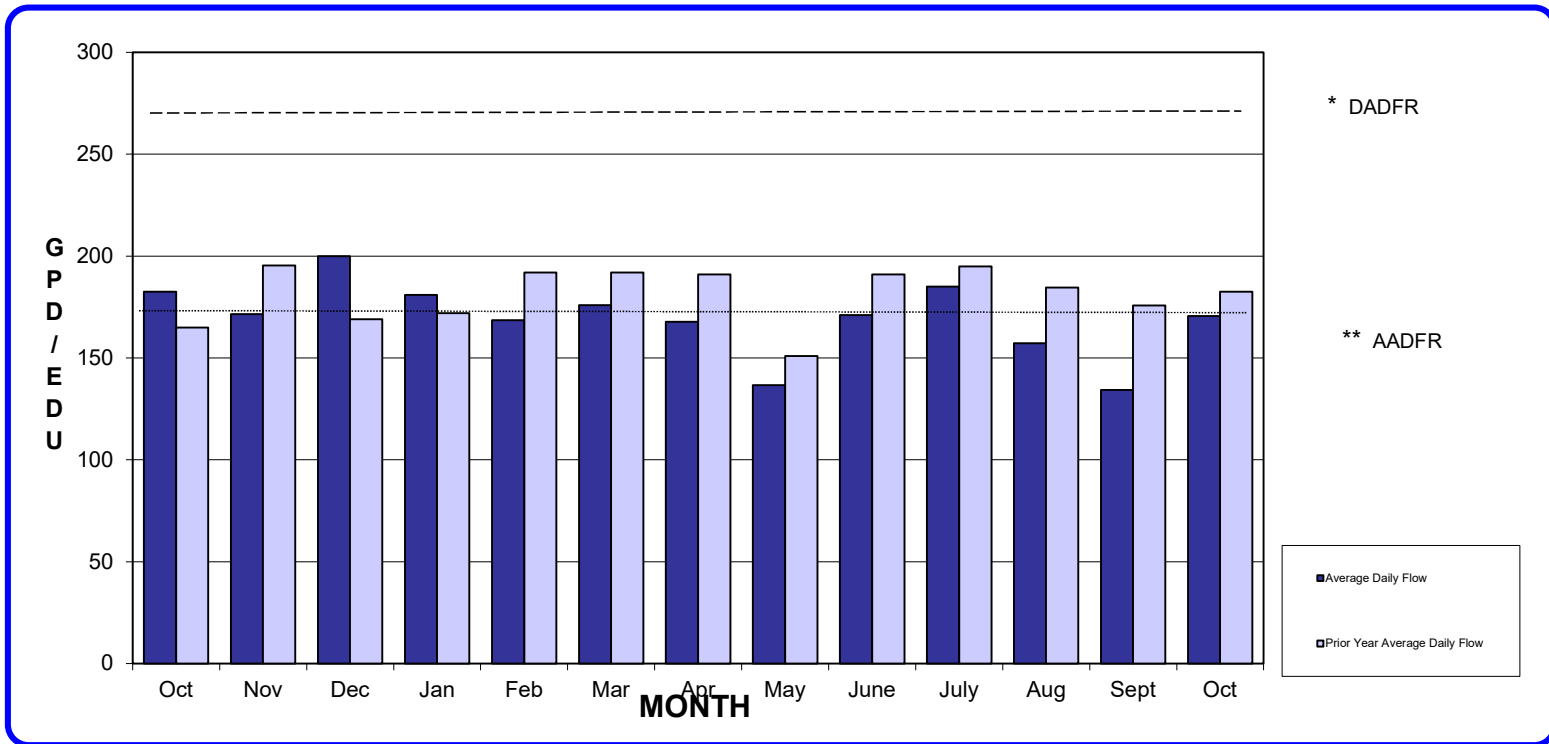
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
Current Yr Use	81051.36	52720.00	51836.00	52720.00	43322.39	26400.23	75335.76	92363.00	94145.68	97230.00	98914.00	92269.57	66474.53
Prior Yr Use	99015.59	60473.74	14232.16	60473.74	48679.88	20213.59	12552.04	86301.85	81489.94	103731.39	95840.25	87622.51	81051.36
Revenue	\$238,273	\$182,589	\$174,764	\$182,589	\$136,309	\$ 136,464.00	\$221,743	\$265,178	\$268,857	\$306,524	\$311,579	\$262,607	\$262,607



Key	
2019-2020	Light Teal
2020-2021	Dark Teal
2021-2022	Green

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

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	12-Month Average
Average Daily Flow	183	172	200	181	169	176	168	137	171	185	157	134	171	184
Prior Year Average Daily Flow	165	195	169	172	192	192	191	151	191	195	185	176	183	183



** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

RECLAMATION PLANT FLOW REPORT

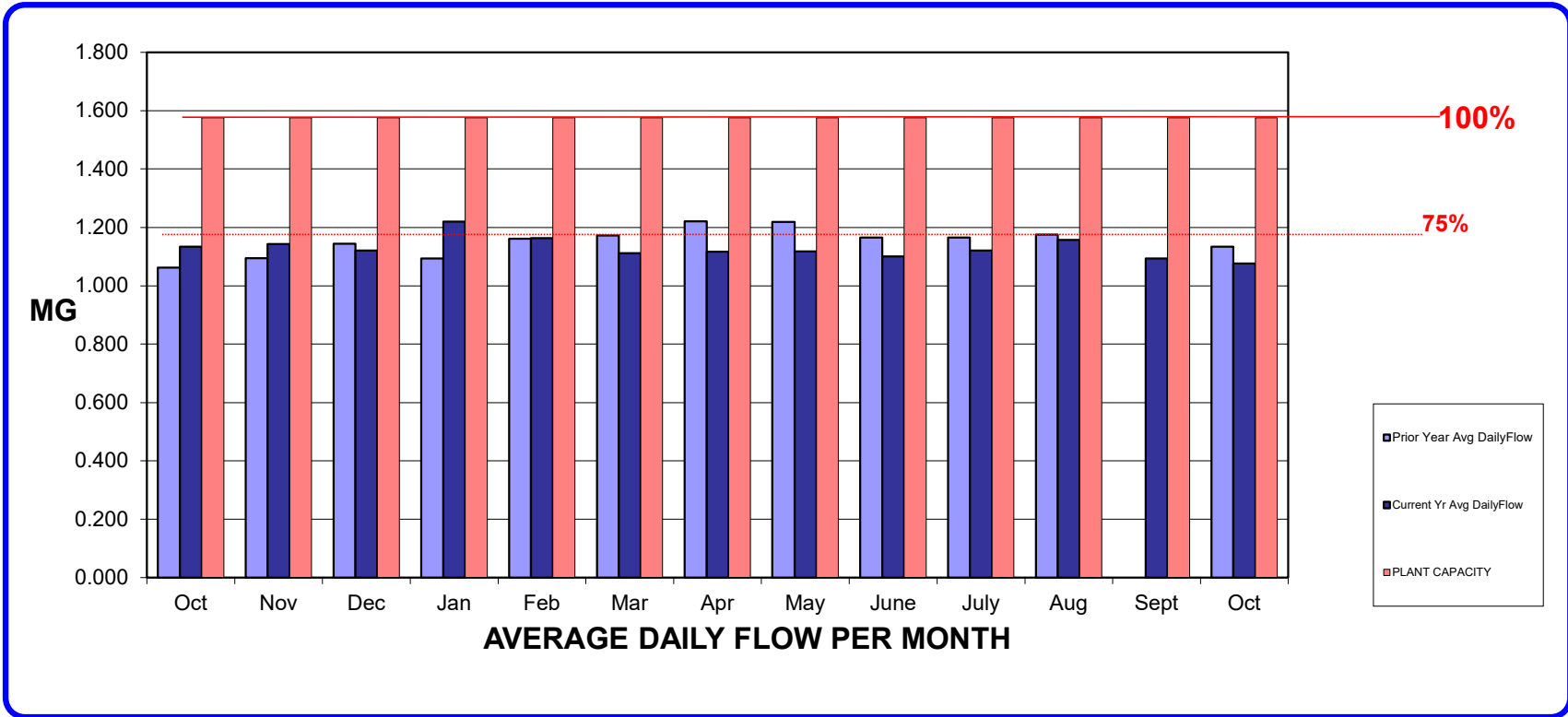
AVERAGE DAILY FLOW (Million Gallons)

FOR THE MONTH OF OCTOBER 2021

Key	
2019-2020	█
2020-2021	█
2021-2022	█

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
Current Yr Avg DailyFlow	1.1340	1.1430	1.1210	1.2200	1.1630	1.1110	1.1170	1.1180	1.1000	1.1210	1.1570	1.0940	1.0760
Prior Year Avg DailyFlow	1.0620	1.0950	1.1440	1.0930	1.1610	1.1720	1.2210	1.2190	1.1650	1.1650	1.1750	Current	1.1340

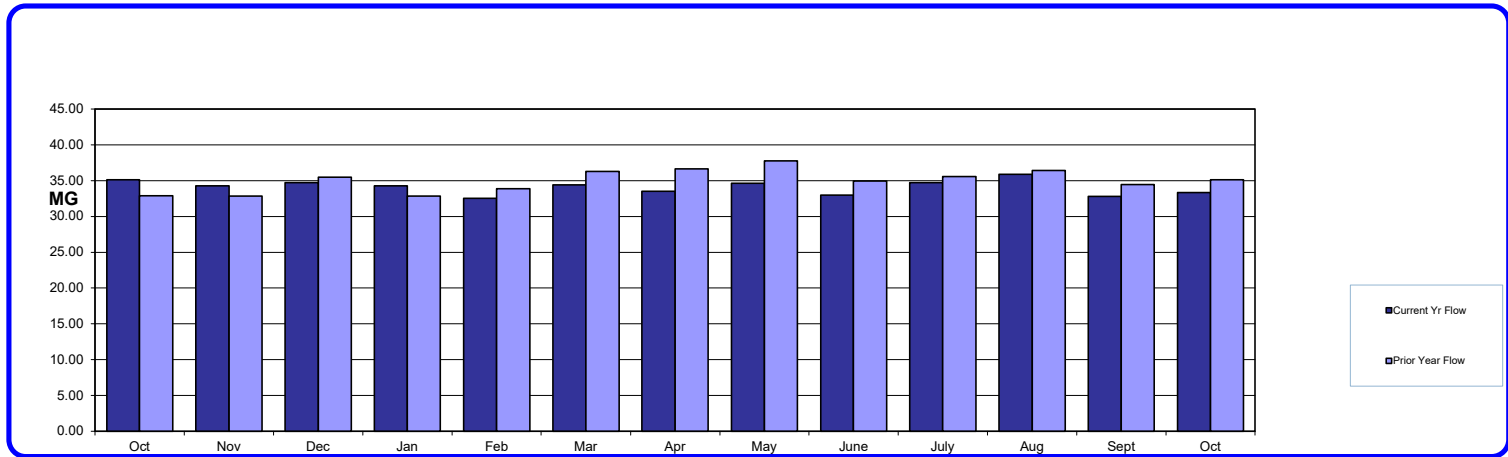
PLANT CAPACITY 1.575 1.575 1.575 1.575 1.575 1.575 1.575 1.575 1.575 1.575 1.575 1.575 1.575 1.575



RECLAMATION PLANT DISCHARGE REPORT MONTHLY FLOW (Million Gallons) FOR THE MONTH OF OCTOBER 2021

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Total/yr
Current Yr Flow	35.14	34.28	34.75	34.28	32.56	34.44	33.50	34.66	33.00	34.76	35.87	32.82	33.36	408.27
Prior Year Flow	32.92	32.84	35.47	32.84	33.87	36.30	36.65	37.78	34.95	35.59	36.44	34.47	35.14	422.33

Potential Revenue \$145,031 \$145,031 \$145,031 \$145,031 \$145,031 \$136,310 \$133,906 \$138,527 \$131,912 \$138,935 \$143,388 \$131,180 \$133,351 \$1,667,634

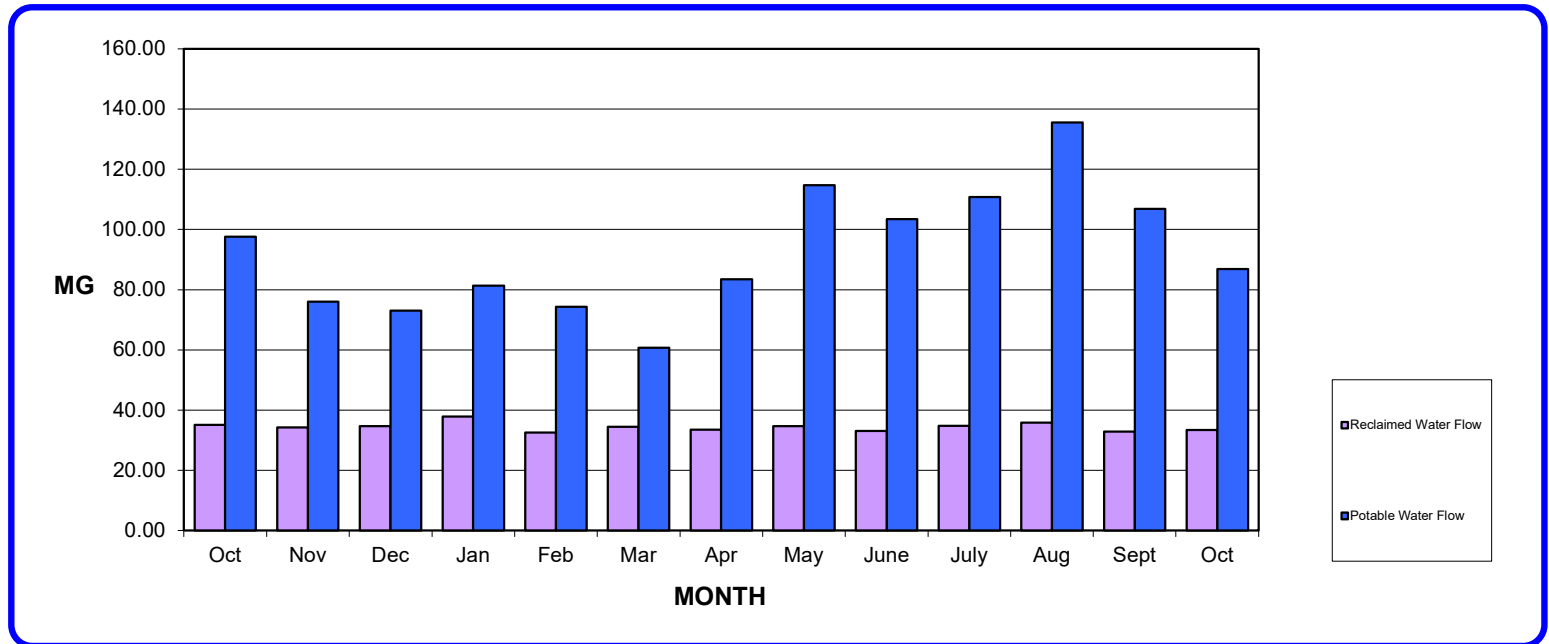


Key	
■	2019-2020
■	2020-2021
■	2021-2020

Note - recycled water only

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons) FOR THE MONTH OF OCTOBER 2021

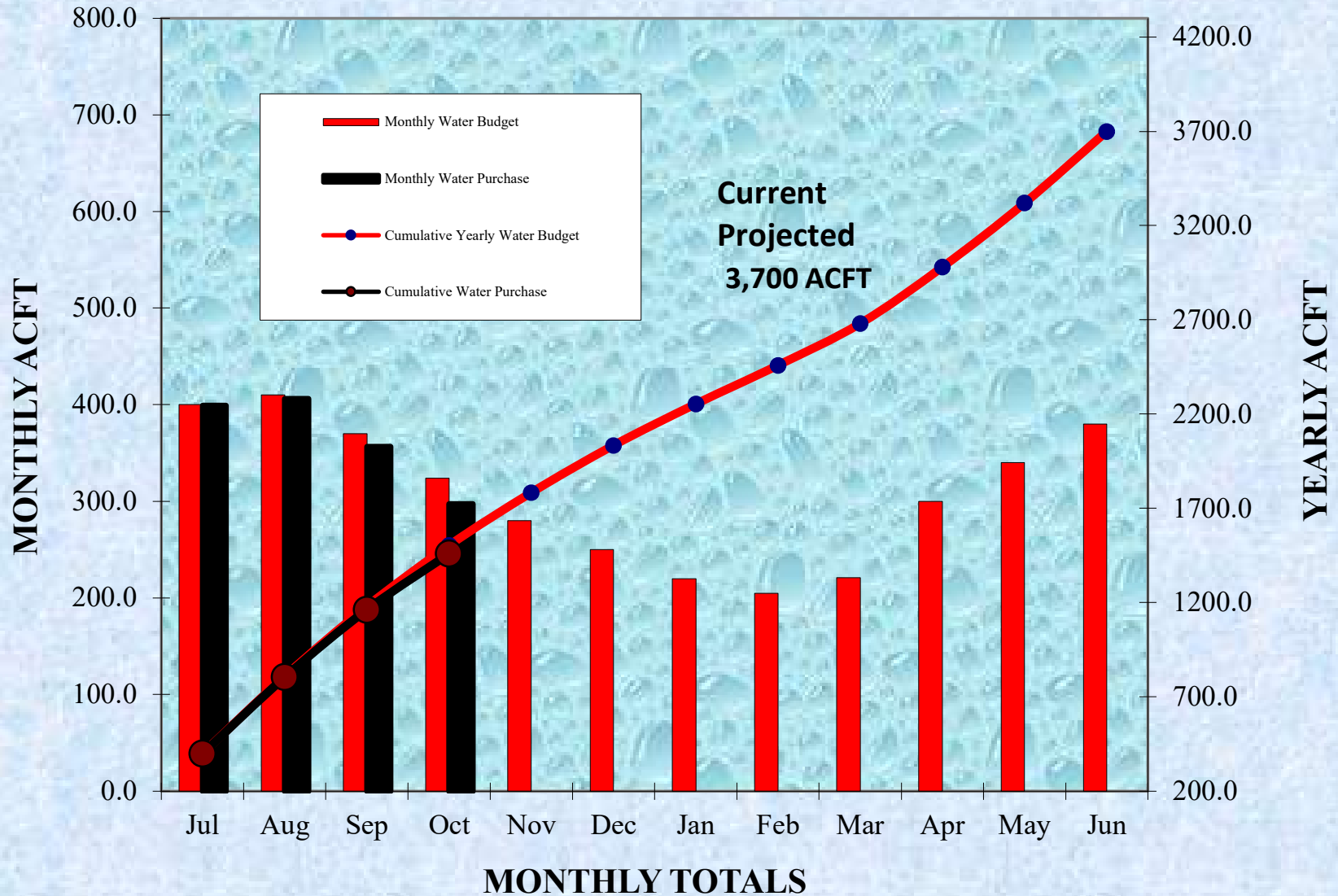
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
No. of Sewer Dwelling Units Connected	6687	6708	6751	6753	6793	6807	6798	6884	6896	6923	6923	6954	6983
Reclaimed Water Flow	35.14	34.28	34.75	37.81	32.56	34.44	33.50	34.66	33.00	34.76	35.87	32.82	33.36
Potable Water Flow	97.57	76.03	72.98	81.27	74.38	60.76	83.52	114.72	103.44	110.76	135.54	106.83	86.87

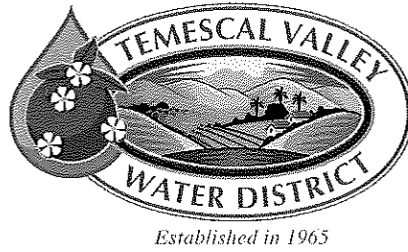


WHOLESALE BUDGET vs PURCHASE

Water Year July 2021 through June 2022

3700 ACFT PROJECTION)





Finance Committee Meeting Agenda

12:15 PM – 2:15 PM
November 16, 2021

- I. Status of TWC Potable System Study by IB Consultants.
- II. General Discussion.



November 23rd, 2021

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
- 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
 - Will start the conversation with Corona once the Knabe loop is in place to take certain customers and extend the RW system – that will provide conversion opportunities.
 - Reviewing all 2" potable irrigation meters for potential conversion to 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, and RW. Grading continues.
 - 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

Temescal Valley Water District

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



- 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
- 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.
- WRF 225K GPD upgrade
 - Submittal review continues and contractor on site –new electrical feed completed, Bypass Vault completed, Digester walls are complete, SBR floors and walls poured, West Influent lift station complete. Electrical duct banks 60%. Piping and equipment beginning to be installed. Work started on EQ lift Station and East Wet Well. New sand filter walls being constructed – blowers and odor control installation continues. EQ PS complete. Critical tie-in of pipelines completed – we are now on the new EQ lift station and the grit chamber can be demolished. Grit chamber demolished – Primary Sludge Floor and walls poured – Stormwater pump station CO approved – work continues on odor control piping and wire termination. Primary decks poured, New SBR program installed and running. Getting ready to test run new pumps and systems. New primary coated and the equipment is being installed.
 - Contractor is working on the electrical power and control for the primaries. We are scheduled to pave the site at the end of the month.
 - Plant paved, final electrical work being completed – we will be punching out the job the last week of November.
- Trilogy Parkway Road Looping:
 - Design in process – potholing of existing facilities complete and design 100% - ready for bidding. Bidding in process. Bidding complete proposal will be on the August meeting for approval.
 - Signs are up and the contractor is waiting for the permit from the County of Riverside to start
 - Contractor will be done with the pipeline work by Wednesday 27th - testing and final paving the first week of November.

MEMORANDUM

DATE: November 23, 2021

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: Project: Phase IV Water Reclamation Facility Expansion Project –Payment Request 24
Contractor: PACIFIC HYDROTECH CORPORATION
TVWD CAP Project No. S-1-2015

BACKGROUND

The District approved the bid with Pacific Hydrotech Corporation in the amount of \$16,444,500.00

Project Summary

Contract -	\$16,444,500.00
Change Orders Approved to Date	<u>\$529,981.22</u>
Current Contract Amount	\$16,974,481.22
Earned this Period -	\$207,752.36
5% retention -	\$ 10,387.62
Earned less retention -	\$197,364.74

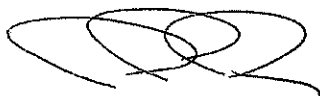
DUE - Contractor \$197,364.74

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the payment of \$207,752.36 which is a current payment of \$197,364.74 to the Contractor and a retention payment of \$10,387.62 to be deposited in an Escrow Account.

Respectfully submitted,



Jeff Pape
General Manager

Pacific Hydrotech Payment Requests

Period Thru	Date Submitted	Date Approved	Date Paid	Payment Request No.	Total Comp to Date	COST RESPONSIBILITY			PAYMENT SOURCE (see notes)				Math Check	
						Approved this Period	33.33% TVWD	66.67% FORESTAR	TVWD		FORESTAR		Retainage 5.00%	PHC 95.00%
									Retainage	PHC	Retainage	PHC		
11/30/2019	12/9/2019	12/10/2019	12/17/2019	Request No. 1	\$ 638,750.00	\$ 638,750.00	\$ 212,916.67	\$ 425,833.33	\$ 10,645.83	\$ 202,270.83	\$ 21,291.67	\$ 404,541.67	\$ 31,937.50	\$ 606,812.50
12/31/2019	1/6/2020	1/14/2020	1/28/2020	Request No. 2	\$ 942,930.00	\$ 304,180.00	\$ 101,393.33	\$ 202,786.67	\$ 5,069.67	\$ 96,323.67	\$ 10,139.33	\$ 192,647.33	\$ 15,209.00	\$ 288,971.00
1/31/2020	2/21/2020	3/17/2020	3/24/2020	Request No. 3	\$ 1,864,845.00	\$ 921,915.00	\$ 307,305.00	\$ 614,610.00	\$ 15,365.25	\$ 291,939.75	\$ 30,730.50	\$ 583,879.50	\$ 46,095.75	\$ 875,819.25
2/29/2020	3/19/2020	4/2/2020	4/28/2020	Request No. 4	\$ 2,690,745.00	\$ 825,900.00	\$ 275,300.00	\$ 550,600.00	\$ 13,765.00	\$ 261,535.00	\$ 27,530.00	\$ 523,070.00	\$ 41,295.00	\$ 784,605.00
3/31/2020	4/13/2020	4/16/2020	4/28/2020	Request No. 5	\$ 3,124,195.00	\$ 433,450.00	\$ 144,483.33	\$ 288,966.67	\$ 7,224.17	\$ 137,259.17	\$ 14,448.33	\$ 274,518.33	\$ 21,672.50	\$ 411,777.50
4/30/2020	5/14/2020	5/19/2020	5/26/2020	Request No. 6	\$ 4,108,360.00	\$ 984,165.00	\$ 328,055.00	\$ 656,110.00	\$ 16,402.75	\$ 311,652.25	\$ 32,805.50	\$ 623,304.50	\$ 49,208.25	\$ 934,956.75
5/31/2020	6/1/2020	6/11/2020	6/23/2020	Request No. 7	\$ 5,208,145.00	\$ 1,099,785.00	\$ 366,595.00	\$ 733,190.00	\$ 18,329.75	\$ 348,265.25	\$ 36,659.50	\$ 696,530.50	\$ 54,989.25	\$ 1,044,795.75
6/30/2020	7/2/2020	7/9/2020	7/28/2020	Request No. 8	\$ 6,094,655.00	\$ 886,510.00	\$ 295,503.33	\$ 591,006.67	\$ 14,775.17	\$ 280,728.17	\$ 29,550.33	\$ 561,456.33	\$ 44,325.50	\$ 842,184.50
7/31/2020	8/6/2020	8/13/2020	8/25/2020	Request No. 9	\$ 7,545,125.00	\$ 1,450,470.00	\$ 483,490.00	\$ 966,980.00	\$ 24,174.50	\$ 459,315.50	\$ 48,349.00	\$ 918,631.00	\$ 72,523.50	\$ 1,377,946.50
8/31/2020	9/9/2020	9/10/2020	9/27/2020	Request No. 10	\$ 8,585,310.00	\$ 1,040,185.00	\$ 346,728.33	\$ 693,456.67	\$ 17,336.42	\$ 329,391.92	\$ 34,672.83	\$ 658,783.83	\$ 52,009.25	\$ 988,175.75
9/30/2020	10/7/2020	10/15/2020	10/27/2020	Request No. 11	\$ 9,534,865.00	\$ 949,555.00	\$ 316,518.33	\$ 633,036.67	\$ 15,825.92	\$ 300,692.42	\$ 31,651.83	\$ 601,384.83	\$ 47,477.75	\$ 902,077.25
10/31/2020	11/3/2020	11/5/2020	11/24/2020	Request No. 12	\$ 9,859,110.00	\$ 324,245.00	\$ 108,081.67	\$ 216,163.33	\$ 5,404.08	\$ 102,677.58	\$ 10,808.17	\$ 205,355.17	\$ 16,212.25	\$ 308,032.75
11/30/2020	12/4/2020	12/10/2020	12/22/2020	Request No. 13	\$ 10,305,970.00	\$ 446,860.00	\$ 148,953.33	\$ 297,906.67	\$ 7,447.67	\$ 141,505.67	\$ 14,895.33	\$ 283,011.33	\$ 22,343.00	\$ 424,517.00
12/31/2020	1/8/2021	1/12/2021	1/26/2021	Request No. 14	\$ 11,067,728.27	\$ 761,758.27	\$ 253,919.42	\$ 507,838.85	\$ 12,695.97	\$ 241,223.45	\$ 25,391.94	\$ 482,446.90	\$ 38,087.91	\$ 723,670.36
1/31/2021	2/12/2021	2/16/2021	2/23/2021	Request No. 15	\$ 12,281,663.27	\$ 1,213,935.00	\$ 404,645.00	\$ 809,290.00	\$ 20,232.25	\$ 384,412.75	\$ 40,464.50	\$ 768,825.50	\$ 60,696.75	\$ 1,153,238.25
2/28/2021	3/5/2021	3/16/2021	3/23/2021	Request No. 16	\$ 13,215,227.35	\$ 933,564.08	\$ 311,188.03	\$ 622,376.05	\$ 15,559.40	\$ 295,628.63	\$ 31,118.80	\$ 591,257.25	\$ 46,678.20	\$ 886,885.88
3/31/2021	4/1/2021	4/8/2021	4/27/2021	Request No. 17	\$ 14,020,942.35	\$ 805,715.00	\$ 268,571.67	\$ 537,143.33	\$ 13,428.58	\$ 255,143.08	\$ 26,857.17	\$ 510,286.17	\$ 40,285.75	\$ 765,429.25
4/30/2021	5/17/2021	5/18/2021	5/25/2021	Request No. 18	\$ 14,789,331.35	\$ 768,389.00	\$ 256,129.67	\$ 512,259.33	\$ 12,806.48	\$ 243,323.18	\$ 25,612.97	\$ 486,646.37	\$ 38,419.45	\$ 729,969.55
5/31/2021	6/9/2021	6/15/2021	6/22/2021	Request No. 19	\$ 15,043,094.01	\$ 253,762.66	\$ 84,587.55	\$ 169,175.11	\$ 4,229.38	\$ 80,358.18	\$ 8,458.76	\$ 160,716.35	\$ 12,688.13	\$ 241,074.53
6/31/2021	7/2/2021	7/22/2021	7/27/2021	Request No. 20	\$ 15,443,515.16	\$ 400,421.15	\$ 133,473.72	\$ 266,947.43	\$ 6,673.69	\$ 126,800.03	\$ 13,347.37	\$ 253,600.06	\$ 20,021.06	\$ 380,400.09
7/31/2021	8/5/2021	8/12/2021	8/24/2021	Request No. 21	\$ 16,195,965.47	\$ 752,450.31	\$ 250,816.77	\$ 501,633.54	\$ 12,540.84	\$ 238,275.93	\$ 25,081.68	\$ 476,551.86	\$ 37,622.52	\$ 714,827.79
8/31/2021	9/2/2021	9/16/2021	9/28/2021	Request No. 22	\$ 16,471,613.36	\$ 275,647.89	\$ 91,882.63	\$ 183,765.26	\$ 4,594.13	\$ 87,288.50	\$ 9,188.26	\$ 174,577.00	\$ 13,782.39	\$ 261,865.50
9/30/2021	10/8/2021	10/21/2021	10/26/2021	Request No. 23	\$ 16,673,127.29	\$ 201,513.93	\$ 67,171.31	\$ 134,342.62	\$ 3,358.57	\$ 63,812.74	\$ 6,717.13	\$ 127,625.49	\$ 10,075.70	\$ 191,438.23
10/31/2021	11/8/2021	11/18/2021	11/18/2021	Request No. 24	\$ 16,880,879.65	\$ 207,752.36	\$ 69,250.79	\$ 138,501.57	\$ 3,462.54	\$ 65,788.25	\$ 6,925.08	\$ 131,576.49	\$ 10,387.62	\$ 197,364.74
TOTALS TO DATE						\$ 16,880,879.65	\$ 5,626,959.88	\$ 11,253,919.77	\$ 281,347.99	\$ 5,345,611.89	\$ 562,695.99	\$ 10,691,223.78	\$ 844,043.98	\$ 16,036,835.67

Pacific Hydrotech Contract Summary

	Actual	Proposed
ORIG	Original Contract Amount	\$ 16,444,500.00
CO #1	Primary Cover Beams Change Orders	\$ 28,980.07
CO #2	MCC Modifications	\$ 17,720.77
CO #3	Electrical Design Revisions	\$ 94,137.69
CO #4	Headworks Valve Extentions	\$ 6,564.08
CO #5	Storm Water Lift Station	\$ 382,578.61
CO #6	Primary Clarifier Electrical Revisions	\$ 139,445.27
Current contract Amount		\$ 16,974,481.22

Notes:

- 1 Retainage - to Approved Escrow Account
- 2 TVWD Payment Source - Sewer Fund
- 3 Foremost Payment Source - CFD no. 4

PAYMENT APPLICATION

TO: TEMESCAL VALLEY WATER DISTRICT
22646 TEMESCAL CANYON RD
CORONA CA 92883

PROJECT NAME AND LOCATION: C1916-WATER RECLAMATION PLANT
PHASE IV
22646 TEMESCAL CANYON RD
CORONA CA 92883

APPLICATION # 24
PERIOD THRU: 10/31/2021
Owner Project #:

DISTRIBUTION TO:
___ CONTRACTOR
___ CONSTR. MGR.
___ CITY INSPECTOR
___ OWNER

FROM: PACIFIC HYDROTECH CORPORATION
314 E. 3rd STREET
PERRIS CA 92570

OWNER: TEMESCAL VALLEY WATER DISTRICT
22646 TEMESCAL CANYON RD
CORONA CA 92883

DATE OF CONTRACT: 8/16/2019

CONTRACTOR'S SUMMARY OF WORK

Application is made for payment as shown below.
Continuation Page is attached

1. CONTRACT AMOUNT	16,444,500.00
2. SUM OF ALL CHANGE ORDERS	529,981.22
3. CURRENT CONTRACT AMOUNT (Line 1 + 2)	16,974,481.22
4. TOTAL COMPLETED AND STORED (Column G on Continuation Page)	16,880,879.65
5. RETAINAGE:	
A. 5% Of Completed Work (Columns D+ E on Continuation Page)	844,043.97
B. 5% of Material Stored (Column F on Continuation Page)	0.00
Total Retainage (Line 5a + 5b or Column I on Continuation Page)	844,043.97
6. TOTAL COMPLETED AND STORED LESS RETAINAGE: (Line 4 minus Line 5 Total)	16,036,835.68
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT:	15,839,470.94
8. CURRENT PAYMENT DUE:	197,364.74
9. BALANCE HELD BY OWNER: Line 3 - Line 6	937,645.54

SUMMARY OF CHANGE ORDERS	ADDITIONS	DEDUCTIONS
Total changes approved in previous months	529,981.22	0.00
Total approved this month	0.00	0.00
TOTALS	529,981.22	0.00
NET CHANGES	529,981.22	

CONTRACTOR: PACIFIC HYDROTECH CORPORATION

Contractor's signature below:

By: *Jonathan Hilber* Date: 11/8/2021

CONSTRUCTION MANAGER: MUROW | DC
Construction Manager's signature below:

By: Bob Weber Date: 11/10/2021
Digitally signed by Bob Weber
DN: cn=Bob Weber, o=Kuro Development
Consultants, ou, email=bweber@murowdc.com,
c=US
Date: 2021.11.10 13:46:52 -0500

INSPECTOR: TEMESCAL VALLEY WATER DISTRICT

Inspector's signature below:

By: *Island Kea* Date: 11-18-2021

OWNER'S CERTIFICATION

CERTIFIED AMOUNT:

.....197,364.74

OWNER: TEMESCAL VALLEY WATER DISTRICT

Owner's signature below

By: *[Signature]* Date: 11/18/21

PAYMENT APPLICATION DETAILS

Customer: TEMESCAL VALLEY WATER DISTRICT
Project: C1916-WATER RECLAMATION PLANT PHASE IV

Application Number: 24
For Period Ending: 10/31/2021

A	B	C	D			F	G		H	I
			Work Completed				Materials Presently Stored	Completed and Stored To Date		
Item Number - Description	Scheduled Value	From Previous Application	This Period Value	Total Percent this Period						
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	781,000.00	22,500.00	2.74%	0.00	803,500.00	97.99	16,500.00	40,175.00
01.01	BONDS AND INSURANCE	350,000.00	350000.00	0.00	0.00%	0.00	350000.00	100.00	0.00	17,500.00
01.02	MOBILIZE EQUIPMENT AND TEMP FACILITIES	325,000.00	325000.00	0.00	0.00%	0.00	325000.00	100.00	0.00	16,250.00
01.03	DEMOB EQUIPMENT AND TEMP FACILITIES	30,000.00	0.00	22,500.00	75.00%	0.00	22500.00	75.00	7,500.00	1,125.00
01.04	BASELINE SCHEDULE SUBMITTAL	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
01.05	CONSTRUCTION SCHEDULING	30,000.00	21000.00	0.00	0.00%	0.00	21000.00	70.00	9,000.00	1,050.00
01.06	PRECONSTRUCTION VIDEO	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
01.07	MAINTAIN TEMP FACILITIES	60,000.00	60000.00	0.00	0.00%	0.00	60000.00	100.00	0.00	3,000.00
02	SHEETING, SHORING, AND BRACING	6,100.00	6,100.00	0.00	0.00%	0.00	6,100.00	100.00	0.00	305.00
02.01	TRENCH SHORING	6,100.00	6100.00	0.00	0.00%	0.00	6100.00	100.00	0.00	305.00
03	EROSION CONTROL	55,700.00	55,700.00	0.00	0.00%	0.00	55,700.00	100.00	0.00	2,785.00
03.01	BMP INSTALLATION	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
03.02	BMP MAINTENANCE	35,700.00	35700.00	0.00	0.00%	0.00	35700.00	100.00	0.00	1,785.00
04	SURVEY	24,200.00	24,200.00	0.00	0.00%	0.00	24,200.00	100.00	0.00	1,210.00
04.01	SURVEY	24,200.00	24200.00	0.00	0.00%	0.00	24200.00	100.00	0.00	1,210.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	41,900.00	0.00	0.00%	0.00	41,900.00	100.00	0.00	2,095.00
05.01	MAINTAIN PLANT FACILITY OPERATIONS	41,900.00	41900.00	0.00	0.00%	0.00	41900.00	100.00	0.00	2,095.00
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	231,100.00	0.00	0.00%	0.00	231,100.00	100.00	0.00	11,555.00
06.01	EXCAVATE AND BACKFILL FOR ELECTRICAL	95,000.00	95000.00	0.00	0.00%	0.00	95000.00	100.00	0.00	4,750.00
06.02	ELECT. DISCONNECT & REMOVAL OF WIRING	45,000.00	45000.00	0.00	0.00%	0.00	45000.00	100.00	0.00	2,250.00
06.03	FURNISH & INSTALL PULL BOX PER DE0.0	12,500.00	12500.00	0.00	0.00%	0.00	12500.00	100.00	0.00	625.00
06.04	FURNISH & INSTALL SCE CONDUIT PER DE0.0	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
06.05	INTERCEPT LIGHTING CONDUIT DE0.0 NOTE 13	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00

06.06	REROUTE SBR ELECTRICAL DE0.0 NOTE 14	20,100.00	20100.00	0.00	0.00%	0.00	20100.00	100.00	0.00	1,005.00
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	142,600.00	0.00	0.00%	0.00	142,600.00	100.00	0.00	7,130.00
07.01	DEMO SUB MOBILIZATION	4,000.00	4000.00	0.00	0.00%	0.00	4000.00	100.00	0.00	200.00
07.02	DEMOLISH & REMOVE GRIT CHAMBER STRUCTURE	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00
07.03	DEMO & REMOVE GRIT CHAMBER PUMPS & PADS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
07.04	DEMO & REMOVE GRIT CHAMBER ACCESS STAIRS	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00
07.05	DEMO & REMOVE RETAINING WALL AT STAIRS	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
07.06	OTHER MISC DEMOLITION	23,600.00	23600.00	0.00	0.00%	0.00	23600.00	100.00	0.00	1,180.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	1,453,900.00	0.00	0.00%	0.00	1,453,900.00	100.00	0.00	72,695.00
08.01	POTHOLE	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
08.02	UNLOAD PIPE MATERIALS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
08.03	16" SEDIMENTATION TANK BYPASS LINE	125,000.00	125000.00	0.00	0.00%	0.00	125000.00	100.00	0.00	6,250.00
08.04	10" PEF - PS TO EX 16" GE (11 thru 18)	175,000.00	175000.00	0.00	0.00%	0.00	175000.00	100.00	0.00	8,750.00
08.05	10" PEF - PS TO EX 16" GE (19 thru 25)	175,000.00	175000.00	0.00	0.00%	0.00	175000.00	100.00	0.00	8,750.00
08.06	4" WHP PLANT WATER LINE @SED. BASIN	45,900.00	45900.00	0.00	0.00%	0.00	45900.00	100.00	0.00	2,295.00
08.07	8" TD LINE @ SEDIMENTATION FILTER	62,000.00	62000.00	0.00	0.00%	0.00	62000.00	100.00	0.00	3,100.00
08.08	4" SC LINE @ SEDIMENTATION BASIN	32,000.00	32000.00	0.00	0.00%	0.00	32000.00	100.00	0.00	1,600.00
08.09	CLEANOUTS	18,000.00	18000.00	0.00	0.00%	0.00	18000.00	100.00	0.00	900.00
08.10	4" PS/SC SCUM LINE TO DIGESTERS	85,000.00	85000.00	0.00	0.00%	0.00	85000.00	100.00	0.00	4,250.00
08.11	INSTALL 12" OF PIPE FROM SBR TO PS	95,000.00	95000.00	0.00	0.00%	0.00	95000.00	100.00	0.00	4,750.00
08.12	CORE EXISTING WETWELL	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00
08.13	12"/16"24" SE PIPING @ SBR's	145,000.00	145000.00	0.00	0.00%	0.00	145000.00	100.00	0.00	7,250.00
08.14	12" WAS TO EXISTING PIPE	75,000.00	75000.00	0.00	0.00%	0.00	75000.00	100.00	0.00	3,750.00
08.15	2" WATERLINE @ SBR's	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00
08.16	16" BP PIPE @ TERTIARY FILTERS	38,000.00	38000.00	0.00	0.00%	0.00	38000.00	100.00	0.00	1,900.00
08.17	6" TD PIPE @ TERTIARY FILTERS	32,000.00	32000.00	0.00	0.00%	0.00	32000.00	100.00	0.00	1,600.00
08.18	8" DIGESTED SLUDGE TO EX. PIPE @ DIG'S	78,000.00	78000.00	0.00	0.00%	0.00	78000.00	100.00	0.00	3,900.00
08.19	4" BIOFILTER DRAIN TO PS	53,000.00	53000.00	0.00	0.00%	0.00	53000.00	100.00	0.00	2,650.00
08.20	2" WHP LINE @ DIGESTERS	14,000.00	14000.00	0.00	0.00%	0.00	14000.00	100.00	0.00	700.00
08.21	12" DRAIN LINE @ DRYING BEDS	42,000.00	42000.00	0.00	0.00%	0.00	42000.00	100.00	0.00	2,100.00
08.22	EXC/SET/BACKFILL CATCH BASIN	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
08.23	TEST PIPES	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00

09	GRADING	454,900.00	449,900.00	5,000.00	1.10%	0.00	454,900.00	100.00	0.00	22,745.00
09.01	EXCAVATE INFLUENT VAULTS	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
09.02	FINE GRADE BOTTOM	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
09.03	BACKFILL INFLUENT VALVE VAULTS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
09.04	EXC. SEDIMENTATION BASIN & BIOFILTER	32,000.00	32000.00	0.00	0.00%	0.00	32000.00	100.00	0.00	1,600.00
09.05	FINE GRADE BOTTOM (SBR)	8,000.00	8000.00	0.00	0.00%	0.00	8000.00	100.00	0.00	400.00
09.06	BACKFILL SEDIMENTATION BASIN & BIOFILTER	32,000.00	32000.00	0.00	0.00%	0.00	32000.00	100.00	0.00	1,600.00
09.07	EXCAVATE SEQUENCING REACTORS	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
09.08	FINE GRADE BOTTOM	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
09.09	BACKFILL REACTORS	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
09.10	EXCAVATE TERTIARY FILTERS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
09.11	FINE GRADE BOTTOM	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
09.12	BACKFILL TERTIARY FILTERS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
09.13	EXCAVATE DIGESTERS & BIOFILTER	65,000.00	65000.00	0.00	0.00%	0.00	65000.00	100.00	0.00	3,250.00
09.14	FINE GRADE BOTTOM	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
09.15	BACKFILL DIGESTERS & BIOFILTER	62,000.00	62000.00	0.00	0.00%	0.00	62000.00	100.00	0.00	3,100.00
09.16	LOAD EXPORT TRUCKS	31,400.00	31400.00	0.00	0.00%	0.00	31400.00	100.00	0.00	1,570.00
09.17	EXPORT SPOILS	125,000.00	125000.00	0.00	0.00%	0.00	125000.00	100.00	0.00	6,250.00
09.18	ROAD CLEAN UP	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
09.19	FINE GRADE	20,000.00	15000.00	5,000.00	25.00%	0.00	20000.00	100.00	0.00	1,000.00
10	ASPHALT FINE GRADING, ETC.	219,100.00	97,100.00	116,000.00	52.94%	0.00	213,100.00	97.26	6,000.00	10,655.00
10.01	BASE MATERIALS	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
10.02	FINE GRADING FOR PAVEMENT	45,000.00	45000.00	0.00	0.00%	0.00	45000.00	100.00	0.00	2,250.00
10.03	AC MATERIALS	60,000.00	0.00	60,000.00	100.00%	0.00	60000.00	100.00	0.00	3,000.00
10.04	AC PAVING	45,000.00	0.00	45,000.00	100.00%	0.00	45000.00	100.00	0.00	2,250.00
10.05	REDWOOD HEADER MATERIALS	2,600.00	2600.00	0.00	0.00%	0.00	2600.00	100.00	0.00	130.00
10.06	REDWOOD HEADER INSTALLATION	9,500.00	9500.00	0.00	0.00%	0.00	9500.00	100.00	0.00	475.00
10.07	COLD MILL	11,000.00	0.00	11,000.00	100.00%	0.00	11000.00	100.00	0.00	550.00
10.08	FOG SEAL	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
11	CONSTRUCTION SEQUENCING	48,700.00	48,700.00	0.00	0.00%	0.00	48,700.00	100.00	0.00	2,435.00
11.01	TEMPORARY BYPASS PIPING SYSTEM	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
11.02	INSTALL/REMOVE PIPING @ INFL PS	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
11.03	PATCH PRECAST WALL PENETRATION	3,700.00	3700.00	0.00	0.00%	0.00	3700.00	100.00	0.00	185.00
11.04	TIE INS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
12	EQ BYPASS VAULT INCLUDING PIPING	153,700.00	153,700.00	0.00	0.00%	0.00	153,700.00	100.00	0.00	7,685.00
12.01	PROCURE PRECAST VAULT	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
12.02	PROCURE DIP AND VALVES @ VAULT	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
12.03	PURCHASE HANDRAIL	4,000.00	4000.00	0.00	0.00%	0.00	4000.00	100.00	0.00	200.00
12.04	INSTALL HANDRAIL	3,000.00	3000.00	0.00	0.00%	0.00	3000.00	100.00	0.00	150.00
12.05	EXCAVATE VAULT	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00

12.06	PREP SUBGRADE	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
12.07	SET VAULT	12,200.00	12200.00	0.00	0.00%	0.00	12200.00	100.00	0.00	610.00
12.08	BACKFILL VAULT	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
12.09	PIPE AND APPURTENANCES INSIDE VAULT	17,000.00	17000.00	0.00	0.00%	0.00	17000.00	100.00	0.00	850.00
12.10	PAINTING	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
13	INFLUENT PUMP STATION	339,300.00	338,850.00	450.00	0.13%	0.00	339,300.00	100.00	0.00	16,965.00
13.01	PURCHASE PIPING @ INFLUENT PS	71,300.00	71300.00	0.00	0.00%	0.00	71300.00	100.00	0.00	3,565.00
13.02	PURCHASE & INSTALL PUMPS @ INFLUENT PS	110,000.00	110000.00	0.00	0.00%	0.00	110000.00	100.00	0.00	5,500.00
13.03	PURCHASE & INSTL HANDRAIL @ INFLUENT PS	9,000.00	8550.00	450.00	5.00%	0.00	9000.00	100.00	0.00	450.00
13.04	MECHANICAL WORK @ INFLUENT PS	72,000.00	72000.00	0.00	0.00%	0.00	72000.00	100.00	0.00	3,600.00
13.05	PAINTING	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
13.06	CONCRETE WORK @ INFLUENT PS	70,000.00	70000.00	0.00	0.00%	0.00	70000.00	100.00	0.00	3,500.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	263,800.00	0.00	0.00%	0.00	263,800.00	100.00	0.00	13,190.00
14.01	PURCHASE AUGER	181,300.00	181300.00	0.00	0.00%	0.00	181300.00	100.00	0.00	9,065.00
14.02	INSTALL AUGER	8,500.00	8500.00	0.00	0.00%	0.00	8500.00	100.00	0.00	425.00
14.03	INSTALL TROUGH	10,500.00	10500.00	0.00	0.00%	0.00	10500.00	100.00	0.00	525.00
14.04	PURCHASE AND INSTALL STEEL PIPE	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
14.05	PURCHASE AND INSTALL LADDER	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
14.06	MISC. MECHANICAL	28,000.00	28000.00	0.00	0.00%	0.00	28000.00	100.00	0.00	1,400.00
14.07	REPAIR WALL	8,000.00	8000.00	0.00	0.00%	0.00	8000.00	100.00	0.00	400.00
15	PRIMARY SEDIMENTATION TANK	3,190,200.00	3,131,825.00	18,375.00	0.58%	0.00	3,150,200.00	98.75	40,000.00	157,510.00
15.01	LAYOUT AND FORM FOR FLOOR	150,000.00	150000.00	0.00	0.00%	0.00	150000.00	100.00	0.00	7,500.00
15.02	POUR TANK FLOOR	550,000.00	550000.00	0.00	0.00%	0.00	550000.00	100.00	0.00	27,500.00
15.03	ASSEMBLE/DISASSEMBLE WALL FORMS	120,000.00	120000.00	0.00	0.00%	0.00	120000.00	100.00	0.00	6,000.00
15.04	FORM/POUR/STRIP WALLS	560,000.00	560000.00	0.00	0.00%	0.00	560000.00	100.00	0.00	28,000.00
15.05	WALL CURING	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
15.06	POUR MASS FILL	31,000.00	31000.00	0.00	0.00%	0.00	31000.00	100.00	0.00	1,550.00
15.07	PROCURE AND LAYOUT MECHANICAL EQUIPMENT	1,250,700.00	1250700.00	0.00	0.00%	0.00	1250700.00	100.00	0.00	62,535.00
15.08	INSTALL DI ABOVE GRADE PIPING	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
15.09	INSTALL SLIDE GATES	17,500.00	16625.00	875.00	5.00%	0.00	17500.00	100.00	0.00	875.00
15.10	INSTALL FLUMES	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
15.11	INSTALL CHAIN FLIGHTS AND MOTORS	45,000.00	45000.00	0.00	0.00%	0.00	45000.00	100.00	0.00	2,250.00
15.12	INSTALL FRP TROUGHS	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
15.13	INSTALL SCUM COLLECTORS	13,000.00	13000.00	0.00	0.00%	0.00	13000.00	100.00	0.00	650.00
15.14	INSTALL SLUDGE PUMPS	9,000.00	9000.00	0.00	0.00%	0.00	9000.00	100.00	0.00	450.00
15.15	INSTALL PIPING IN SLUDGE GALLERY	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00

15.16	INSTALL PIPE SUPPORTS	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
15.17	SET STAIRCASE	18,000.00	18000.00	0.00	0.00%	0.00	18000.00	100.00	0.00	900.00
15.18	SET RAILINGS	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00
15.19	DECK SHORING	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
15.20	INSTALL DOORS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
15.21	HVAC	50,000.00	40000.00	5,000.00	10.00%	0.00	45000.00	90.00	5,000.00	2,250.00
15.22	PAINTING AND COATING	250,000.00	237500.00	12,500.00	5.00%	0.00	250000.00	100.00	0.00	12,500.00
15.23	WATERPROOFING	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
16	SED TANK & DIGESTERS BIOFILTER SYSTEMS	695,800.00	695,800.00	0.00	0.00%	0.00	695,800.00	100.00	0.00	34,790.00
16.01	PROCURE BIOFILTER EQUIPMENT	250,000.00	250000.00	0.00	0.00%	0.00	250000.00	100.00	0.00	12,500.00
16.02	EXCAVATE FOR BIOFILTERS	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
16.03	PREP SUBRADE	4,500.00	4500.00	0.00	0.00%	0.00	4500.00	100.00	0.00	225.00
16.04	LAYOUT AND FORM FOR FLOOR	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
16.05	POUR FLOOR	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00
16.06	STRIP FLOOR	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
16.07	FORM WALLS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
16.08	POUR WALLS	75,000.00	75000.00	0.00	0.00%	0.00	75000.00	100.00	0.00	3,750.00
16.09	STRIP WALLS	14,800.00	14800.00	0.00	0.00%	0.00	14800.00	100.00	0.00	740.00
16.10	CONCRETE CURING	2,000.00	2000.00	0.00	0.00%	0.00	2000.00	100.00	0.00	100.00
16.11	PURCHASE AND INSTALL PIPING	65,000.00	65000.00	0.00	0.00%	0.00	65000.00	100.00	0.00	3,250.00
16.12	PURCHASE AND INSTALL PIPE SUPPORTS	75,000.00	75000.00	0.00	0.00%	0.00	75000.00	100.00	0.00	3,750.00
16.13	INSTALL EQUIPMENT AND MEDIA	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00
16.14	INSTALL SS DUCTING	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00
16.15	INSTALL WATERLINE AND SPRINKLERS	13,500.00	13500.00	0.00	0.00%	0.00	13500.00	100.00	0.00	675.00
16.16	INSTALL PUMP	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
17	EQUALIZATION BASIN PUMP STATION	336,200.00	336,200.00	0.00	0.00%	0.00	336,200.00	100.00	0.00	16,810.00
17.01	PLUG 16" LINE	2,000.00	2000.00	0.00	0.00%	0.00	2000.00	100.00	0.00	100.00
17.02	PURCHASE AND INSTALL PUMPS	180,000.00	180000.00	0.00	0.00%	0.00	180000.00	100.00	0.00	9,000.00
17.03	INSTALL GUIDE RAILS AND SUPPORTS	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
17.04	PURCHASE PIPING	115,000.00	115000.00	0.00	0.00%	0.00	115000.00	100.00	0.00	5,750.00
17.05	INSTALL PIPE IN WETWELL	4,800.00	4800.00	0.00	0.00%	0.00	4800.00	100.00	0.00	240.00
17.06	INSTALL ABOVE GRADE PIPE	11,800.00	11800.00	0.00	0.00%	0.00	11800.00	100.00	0.00	590.00
17.07	CORE DRILL 12" SBR OVERFLOW	1,200.00	1200.00	0.00	0.00%	0.00	1200.00	100.00	0.00	60.00
17.08	CONCRETE PAD	4,000.00	4000.00	0.00	0.00%	0.00	4000.00	100.00	0.00	200.00
17.09	PAINTING AND COATING	9,900.00	9900.00	0.00	0.00%	0.00	9900.00	100.00	0.00	495.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	1,884,300.00	22,800.00	1.20%	0.00	1,907,100.00	100.00	0.00	95,355.00
18.01	LAYOUT FLOOR	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
18.02	FORM FLOOR	115,000.00	115000.00	0.00	0.00%	0.00	115000.00	100.00	0.00	5,750.00
18.03	INSTALL REBAR	250,000.00	250000.00	0.00	0.00%	0.00	250000.00	100.00	0.00	12,500.00

18.04	POUR FLOOR	365,000.00	365000.00	0.00	0.00%	0.00	365000.00	100.00	0.00	18,250.00
18.05	STRIP FLOOR	95,900.00	95900.00	0.00	0.00%	0.00	95900.00	100.00	0.00	4,795.00
18.06	CURE FLOOR	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
18.07	ASSEMBLE/DISASSEMBLE WALL FORMS	125,000.00	125000.00	0.00	0.00%	0.00	125000.00	100.00	0.00	6,250.00
18.08	FORM STRAIGHT WALLS	150,000.00	150000.00	0.00	0.00%	0.00	150000.00	100.00	0.00	7,500.00
18.09	POUR STRAIGHT WALLS	238,000.00	238000.00	0.00	0.00%	0.00	238000.00	100.00	0.00	11,900.00
18.10	STRIP STRAIGHT WALLS	90,000.00	90000.00	0.00	0.00%	0.00	90000.00	100.00	0.00	4,500.00
18.11	CURE STRAIGHT WALLS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
18.12	PATCH STRAIGHT WALLS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
18.13	FORM THICKENED WALL	30,000.00	25200.00	4,800.00	16.00%	0.00	30000.00	100.00	0.00	1,500.00
18.14	POUR THICKENED WALL	75,000.00	63000.00	12,000.00	16.00%	0.00	75000.00	100.00	0.00	3,750.00
18.15	STRIP THICKENED WALL	25,000.00	21000.00	4,000.00	16.00%	0.00	25000.00	100.00	0.00	1,250.00
18.16	CURE THICKENED WALL	2,500.00	2100.00	400.00	16.00%	0.00	2500.00	100.00	0.00	125.00
18.17	PATCH THICKENED WALL	10,000.00	8400.00	1,600.00	16.00%	0.00	10000.00	100.00	0.00	500.00
18.18	FORM WALKWAYS	18,500.00	18500.00	0.00	0.00%	0.00	18500.00	100.00	0.00	925.00
18.19	POUR WALKWAYS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
18.20	STRIP WALKWAYS	8,500.00	8500.00	0.00	0.00%	0.00	8500.00	100.00	0.00	425.00
18.21	EQUIPMENT PADS	7,800.00	7800.00	0.00	0.00%	0.00	7800.00	100.00	0.00	390.00
18.22	SET RAILINGS	35,900.00	35900.00	0.00	0.00%	0.00	35900.00	100.00	0.00	1,795.00
18.23	LAYOUT PIPING	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
18.24	INSTALL 8" SLUDGE DRAIN LINE	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
18.25	INSTALL MUD VALVES	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
18.26	CONCRETE PADS @ BLOWERS	3,000.00	3000.00	0.00	0.00%	0.00	3000.00	100.00	0.00	150.00
18.27	INSTALL ABOVE GRADE PIPING @ PUMPS	32,000.00	32000.00	0.00	0.00%	0.00	32000.00	100.00	0.00	1,600.00
18.28	INSTALL ABOVE GRADE PIPING @ BLOWERS	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
18.29	INSTL ABOVE GRADE AIR PIPING @ SBR TANK	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
18.30	INSTALL ABOVE GRADE OVERFLOW PIPING	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
18.31	INSTALL PIPE SUPPORTS @ SBR TANKS	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
18.32	PAINTING	60,000.00	60000.00	0.00	0.00%	0.00	60000.00	100.00	0.00	3,000.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	164,200.00	0.00	0.00%	0.00	164,200.00	100.00	0.00	8,210.00
19.01	ACQUIRE ANCHORAGE	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
19.02	UNLOAD OWNER FURNISHED EQUIPMENT	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
19.03	LAYOUT EQUIPMENT	8,000.00	8000.00	0.00	0.00%	0.00	8000.00	100.00	0.00	400.00
19.04	INSTALL DECANTER SUPPORTS	10,500.00	10500.00	0.00	0.00%	0.00	10500.00	100.00	0.00	525.00
19.05	INSTALL DECANTERS	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00

19.06	INSTALL INFL. SLUDGE COLL. PIPES (FRP)	28,000.00	28000.00	0.00	0.00%	0.00	28000.00	100.00	0.00	1,400.00
19.07	INSTALL JET AERATION PIPE ASSEMBLY	18,200.00	18200.00	0.00	0.00%	0.00	18200.00	100.00	0.00	910.00
19.08	INSTALL PIPE SUPPORTS	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
19.09	INSTALL 12" FILL LINE (FRP)	22,000.00	22000.00	0.00	0.00%	0.00	22000.00	100.00	0.00	1,100.00
19.10	INSTALL JET MOTIVE PUMPS	8,500.00	8500.00	0.00	0.00%	0.00	8500.00	100.00	0.00	425.00
19.11	INSTALL BLOWERS	14,000.00	14000.00	0.00	0.00%	0.00	14000.00	100.00	0.00	700.00
20	TERTIARY FILTERS	585,300.00	585,300.00	0.00	0.00%	0.00	585,300.00	100.00	0.00	29,265.00
20.01	LAYOUT FLOOR	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
20.02	FORM FLOOR	5,500.00	5500.00	0.00	0.00%	0.00	5500.00	100.00	0.00	275.00
20.03	INSTALL REBAR	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
20.04	POUR FLOOR	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
20.05	STRIP FORMS	4,500.00	4500.00	0.00	0.00%	0.00	4500.00	100.00	0.00	225.00
20.06	FORM WALLS	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00
20.07	INSTALL REBAR	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
20.08	DRILL/SET DOWELS @ WALLS	10,300.00	10300.00	0.00	0.00%	0.00	10300.00	100.00	0.00	515.00
20.09	FORM CHANNEL WALLS	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
20.10	GRATES AND RAILS	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
20.11	PAINTING AND COATING	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
20.12	MECHANICAL WORK @ TERTIARY FILTERS	425,000.00	425000.00	0.00	0.00%	0.00	425000.00	100.00	0.00	21,250.00
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	33,900.00	0.00	0.00%	0.00	33,900.00	100.00	0.00	1,695.00
21.01	ACQUIRE NEW AIR COMPRESSORS	29,400.00	29400.00	0.00	0.00%	0.00	29400.00	100.00	0.00	1,470.00
21.02	REMOVE OLD AIR COMPRESSORS	2,000.00	2000.00	0.00	0.00%	0.00	2000.00	100.00	0.00	100.00
21.03	INSTALL NEW AIR COMPRESSORS	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
22	AEROBIC DIGESTERS	1,983,300.00	1,983,300.00	0.00	0.00%	0.00	1,983,300.00	100.00	0.00	99,165.00
22.01	DRILL/SET DOWELS	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
22.02	LAYOUT SLAB	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
22.03	FORM FLOOR	130,000.00	130000.00	0.00	0.00%	0.00	130000.00	100.00	0.00	6,500.00
22.04	INSTALL REBAR	215,000.00	215000.00	0.00	0.00%	0.00	215000.00	100.00	0.00	10,750.00
22.05	POUR SLAB	250,000.00	250000.00	0.00	0.00%	0.00	250000.00	100.00	0.00	12,500.00
22.06	STRIP SLAB	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00
22.07	CURE SLAB	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
22.08	ASSEMBLE/DISASSEMBLE WALL FORMS	85,000.00	85000.00	0.00	0.00%	0.00	85000.00	100.00	0.00	4,250.00
22.09	FORM WALLS	140,000.00	140000.00	0.00	0.00%	0.00	140000.00	100.00	0.00	7,000.00
22.10	INSTALL REBAR	175,000.00	175000.00	0.00	0.00%	0.00	175000.00	100.00	0.00	8,750.00
22.11	POUR WALLS	285,000.00	285000.00	0.00	0.00%	0.00	285000.00	100.00	0.00	14,250.00
22.12	STRIP WALLS	80,000.00	80000.00	0.00	0.00%	0.00	80000.00	100.00	0.00	4,000.00
22.13	CURE WALLS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
22.14	SET RAILINGS	65,000.00	65000.00	0.00	0.00%	0.00	65000.00	100.00	0.00	3,250.00

22.15	SET STAIRCASE	45,000.00	45000.00	0.00	0.00%	0.00	45000.00	100.00	0.00	2,250.00
22.16	PAINTING AND COATING	351,800.00	351800.00	0.00	0.00%	0.00	351800.00	100.00	0.00	17,590.00
22.17	WATERPROOFING	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	1,592,650.00	0.00	0.00%	0.00	1,592,650.00	99.61	6,250.00	79,632.50
23.01	LAYOUT EQUIPMENT	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
23.02	INSTALL DECANT SUPPORTS	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
23.03	PURCHASE & INSTALL DECANT PIPES AND ARM	75,000.00	75000.00	0.00	0.00%	0.00	75000.00	100.00	0.00	3,750.00
23.04	INSTALL DIGESTER FOAM CONTROL PIPE	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
23.05	INSTALL FOAM CONTROL PIPE (4" DIP)	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
23.06	INSTALL FOAM SPRAY NOZZLES	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
23.07	PURCHASE AND INSTALL AIR PIPING (SST)	120,000.00	120000.00	0.00	0.00%	0.00	120000.00	100.00	0.00	6,000.00
23.08	BUBBLER DIFFUSERS (5%)	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
23.09	BUBBLER DIFFUSERS (75%)	52,000.00	52000.00	0.00	0.00%	0.00	52000.00	100.00	0.00	2,600.00
23.10	BUBBLER DIFFUSERS (10%)	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
23.11	BUBBLER DIFFUSERS (10%)	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
23.12	INSTALL COARSE BUBBLER DIFFUSERS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
23.13	INSTALL PIPE SUPPORTS	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
23.14	INSTALL SLIDE GATES	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
23.15	PURCHASE AND INSTALL COVERS	125,000.00	118750.00	0.00	0.00%	0.00	118750.00	95.00	6,250.00	5,937.50
23.16	PURCHASE AND INSTALL BLOWERS	220,000.00	220000.00	0.00	0.00%	0.00	220000.00	100.00	0.00	11,000.00
23.17	INSTALL UNDERGROUND AIR PIPING	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00
23.18	INSTALL PIPING @ BLOWERS	12,500.00	12500.00	0.00	0.00%	0.00	12500.00	100.00	0.00	625.00
23.19	INSTALL PUMPS	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
23.20	INSTALL DIGESTER PIPING @ PUMPS	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
23.21	INSTALL UNDERGROUND 6" WAS PIPE	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
23.22	INSTALL UNDERGROUND DI PIPING	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
23.23	PURCHASE AND INSTALL POLYMER SYSTEM	29,900.00	29900.00	0.00	0.00%	0.00	29900.00	100.00	0.00	1,495.00
23.24	INSTALL WATER PIPE	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
23.25	INSTALL/REPL PIPING @ EXISTING DIGESTERS	12,500.00	12500.00	0.00	0.00%	0.00	12500.00	100.00	0.00	625.00
23.26	PURCHASE SLUDGE PUMPS (6P-01 - 04)	80,000.00	80000.00	0.00	0.00%	0.00	80000.00	100.00	0.00	4,000.00
23.27	PURCHASE PIPING @ DIGESTERS	200,000.00	200000.00	0.00	0.00%	0.00	200000.00	100.00	0.00	10,000.00
23.28	PURCHASE SLUDGE EFFLUENT PUMP (6P-05)	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
23.29	CORE WALLS	3,000.00	3000.00	0.00	0.00%	0.00	3000.00	100.00	0.00	150.00
23.30	INSTALL PIPING INSIDE TANKS	90,000.00	90000.00	0.00	0.00%	0.00	90000.00	100.00	0.00	4,500.00
23.31	SET STAIRCASE	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00

23.32	SET RAILINGS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
23.33	TESTING AND STARTUP	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
23.34	PURCHASE AND INSTALL CANOPY	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
23.35	PAINTING AND COATING	290,000.00	290000.00	0.00	0.00%	0.00	290000.00	100.00	0.00	14,500.00
24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	18,900.00	0.00	0.00%	0.00	18,900.00	100.00	0.00	945.00
24.01	ELECTRICAL MODIFICATIONS - INFLUENT PS	18,900.00	18900.00	0.00	0.00%	0.00	18900.00	100.00	0.00	945.00
25	HEADWORKS ELECTRICAL	9,900.00	9,900.00	0.00	0.00%	0.00	9,900.00	100.00	0.00	495.00
25.01	ELECTRICAL MODIFICATIONS - HEADWORKS	9,900.00	9900.00	0.00	0.00%	0.00	9900.00	100.00	0.00	495.00
26	PRIMARY SEDIMENTATION ELECTRICAL	308,000.00	303,000.00	5,000.00	1.62%	0.00	308,000.00	100.00	0.00	15,400.00
26.01	F&I COND. & PLBOX PRIMARY SED. TANK	120,000.00	120000.00	0.00	0.00%	0.00	120000.00	100.00	0.00	6,000.00
26.02	F&I CONDUIT PRIMARY SED. GALLERY	135,000.00	135000.00	0.00	0.00%	0.00	135000.00	100.00	0.00	6,750.00
26.03	FURN. LIGHT FIX. PRIM. SED. TANK/GALLERY	18,000.00	18000.00	0.00	0.00%	0.00	18000.00	100.00	0.00	900.00
26.04	INSTL LIGHT FIX. PRIM. SED. TANK/GALLERY	5,500.00	5500.00	0.00	0.00%	0.00	5500.00	100.00	0.00	275.00
26.05	FURNISH ELECTRICAL SWGR - SED. TANK	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
26.06	INSTL ELECT. SWGR - SED. TANK/GALLERY	1,500.00	1500.00	0.00	0.00%	0.00	1500.00	100.00	0.00	75.00
26.07	WIRING & TERMINATIONS - SED. TANK	10,000.00	5000.00	5,000.00	50.00%	0.00	10000.00	100.00	0.00	500.00
26.08	WIRING & TERMINATIONS - SED. GALLERY	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00
27	EQ BASIN ELECTRICAL	116,400.00	116,400.00	0.00	0.00%	0.00	116,400.00	100.00	0.00	5,820.00
27.01	FURNISH & INSTALL CONDUIT - EQ. BASIN	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
27.02	INST. NEW BREAKERS EX. PANELS - EQ BASIN	3,400.00	3400.00	0.00	0.00%	0.00	3400.00	100.00	0.00	170.00
27.03	F&I NEW TOSHIBA VFD - EQ BASIN	67,000.00	67000.00	0.00	0.00%	0.00	67000.00	100.00	0.00	3,350.00
27.04	WIRING & TERMINATIONS - EQ BASIN	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
28	SBR ELECTRICAL WORK	234,500.00	234,500.00	0.00	0.00%	0.00	234,500.00	100.00	0.00	11,725.00
28.01	F&I CONDUIT & PULL BOXES - SBR	154,000.00	154000.00	0.00	0.00%	0.00	154000.00	100.00	0.00	7,700.00
28.02	FURNISH ELECTRICAL SWGR - SBR	4,500.00	4500.00	0.00	0.00%	0.00	4500.00	100.00	0.00	225.00
28.03	INSTALL ELECTRICAL SWGR - SBR	68,000.00	68000.00	0.00	0.00%	0.00	68000.00	100.00	0.00	3,400.00
28.04	WIRING & TERMINATIONS - SBR	8,000.00	8000.00	0.00	0.00%	0.00	8000.00	100.00	0.00	400.00
29	TERT. FILTER & AIR COMPRESSOR ELECTRICAL	13,600.00	13,600.00	0.00	0.00%	0.00	13,600.00	100.00	0.00	680.00
29.01	CONDUIT & WIRE - TERT FILTER & AIR COMP	13,600.00	13600.00	0.00	0.00%	0.00	13600.00	100.00	0.00	680.00

30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	54,200.00	0.00	0.00%	0.00	54,200.00	100.00	0.00	2,710.00
30.01	CONDUIT & WIRE - AEROBIC DIGESTER	54,200.00	54200.00	0.00	0.00%	0.00	54200.00	100.00	0.00	2,710.00
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	889,500.00	5,000.00	0.56%	0.00	894,500.00	99.44	5,000.00	44,725.00
31.01	CONTROL SYSTEM ENGINEERING & DRAWINGS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
31.02	FURNISH FIELD INSTRUMENTS	120,000.00	120000.00	0.00	0.00%	0.00	120000.00	100.00	0.00	6,000.00
31.03	FURNISH MCC-1, MCC-2, VFD AND BUCKETS	160,000.00	160000.00	0.00	0.00%	0.00	160000.00	100.00	0.00	8,000.00
31.04	FURNISH & INSTALL PRECAST PULL BOXES	114,500.00	114500.00	0.00	0.00%	0.00	114500.00	100.00	0.00	5,725.00
31.05	ELECTRICAL DUCTBANK TERTIARY FILTER	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00
31.06	ELECTRICAL DUCTBANK AEROBIC DIGESTOR	60,000.00	60000.00	0.00	0.00%	0.00	60000.00	100.00	0.00	3,000.00
31.07	ELECTRICAL DUCTBANK CHEMICAL HANDLING	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
31.08	ELECTRICAL DUCTBANK PRIMARY SED	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
31.09	ELECTRICAL DUCTBANK SBR'S	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
31.10	INSTALL WIRE DUCTBANKS TERTIARY FILTER	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
31.11	INSTALL WIRE DUCTBANKS AEROBIC DIGESTOR	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
31.12	INSTALL WIRE DUCTBANKS CHEMICAL HANDLING	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00
31.13	INSTALL WIRE DUCTBANK PRIMARY SED	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00
31.14	INSTALL WIRE DUCTBANK SBR'S	45,000.00	45000.00	0.00	0.00%	0.00	45000.00	100.00	0.00	2,250.00
31.15	TESTING AND STARTUP ASSISTANCE	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
31.16	AS-BUILT, O&M, AND CLOSEOUT	10,000.00	0.00	5,000.00	50.00%	0.00	5000.00	50.00	5,000.00	250.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	26,250.00	1,150.00	2.90%	0.00	27,400.00	69.19	12,200.00	1,370.00
32.01	STARTUP AND TESTING	35,000.00	26250.00	0.00	0.00%	0.00	26250.00	75.00	8,750.00	1,312.50
32.02	FINAL CLEANUP AND PUNCH LIST	4,600.00	0.00	1,150.00	25.00%	0.00	1150.00	25.00	3,450.00	57.50
C01	ALUMINIUM COVER DESIGN CHANGES	28,980.07	28,980.07	0.00	0.00%	0.00	28,980.07	100.00	0.00	1,449.00
C01.01	ALUMINIUM COVER DESIGN CHANGES	28,980.07	28980.07	0.00	0.00%	0.00	28980.07	100.00	0.00	1,449.00
C02	CHANGE ORDER #02	17,720.77	17,720.77	0.00	0.00%	0.00	17,720.77	100.00	0.00	886.04
C02.01	MCC MODIFICATIONS	17,720.77	17720.77	0.00	0.00%	0.00	17720.77	100.00	0.00	886.04
C03	CHANGE ORDER #03	94,137.69	94,137.69	0.00	0.00%	0.00	94,137.69	100.00	0.00	4,706.88
C03.01	ELECTRICAL DESIGN REVISIONS	94,137.69	94137.69	0.00	0.00%	0.00	94137.69	100.00	0.00	4,706.88
C04	CHANGE ORDER #04	6,564.08	6,564.08	0.00	0.00%	0.00	6,564.08	100.00	0.00	328.20
C04.01	R&R VALVE STEM EXTENSIONS IN INFLUENT	6,564.08	6564.08	0.00	0.00%	0.00	6564.08	100.00	0.00	328.20

C05	C05	382,578.61	363,449.68	11,477.36	3.00%	0.00	374,927.04	98.00	7,651.57	18,746.35
C05.01	STORM WATER PUMP STATION	382,578.61	363,449.68	11,477.36	3.00%	0.00	374,927.04	98.00	7,651.57	18,746.35
TOTAL:		16,974,481.22	16,673,127.29	207,752.36	1.22%	0.00	16,880,879.65	99.45	93,601.57	844,043.97

PAYMENT APPLICATION DETAILS

Customer: TEMESCAL VALLEY WATER DISTRICT

Application Number: 24

Project: C1916-WATER RECLAMATION PLANT PHASE IV

For Period Ending: 10/31/2021

A	B	C	D			F	G		H	I
			From Previous	This Period	Total Percent		Materials	Completed		
Item Number - Description	Scheduled Value	From Previous Application	This Period Value	Total Percent this Period	Materials Presently Stored	Completed and Stored To Date	Total %	Balance To Finish	Retainage Value	
										01
02	SHEETING, SHORING, AND BRACING	6,100.00	6,100.00	0.00	0.00%	0.00	6,100.00	100.00	0.00	305.00
03	EROSION CONTROL	55,700.00	55,700.00	0.00	0.00%	0.00	55,700.00	100.00	0.00	2,785.00
04	SURVEY	24,200.00	24,200.00	0.00	0.00%	0.00	24,200.00	100.00	0.00	1,210.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	41,900.00	0.00	0.00%	0.00	41,900.00	100.00	0.00	2,095.00
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	231,100.00	0.00	0.00%	0.00	231,100.00	100.00	0.00	11,555.00
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	142,600.00	0.00	0.00%	0.00	142,600.00	100.00	0.00	7,130.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	1,453,900.00	0.00	0.00%	0.00	1,453,900.00	100.00	0.00	72,695.00
09	GRADING	454,900.00	449,900.00	5,000.00	1.10%	0.00	454,900.00	100.00	0.00	22,745.00
10	ASPHALT FINE GRADING, ETC.	219,100.00	97,100.00	116,000.00	52.94%	0.00	213,100.00	97.26	6,000.00	10,655.00
11	CONSTRUCTION SEQUENCING	48,700.00	48,700.00	0.00	0.00%	0.00	48,700.00	100.00	0.00	2,435.00
12	EQ BYPASS VAULT INCLUDING PIPING	153,700.00	153,700.00	0.00	0.00%	0.00	153,700.00	100.00	0.00	7,685.00
13	INFLUENT PUMP STATION	339,300.00	338,850.00	450.00	0.13%	0.00	339,300.00	100.00	0.00	16,965.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	263,800.00	0.00	0.00%	0.00	263,800.00	100.00	0.00	13,190.00
15	PRIMARY SEDIMENTATION TANK	3,190,200.00	3,131,825.00	18,375.00	0.58%	0.00	3,150,200.00	98.75	40,000.00	157,510.00
16	SED TANK & DIGESTERS BIOFILTER SYSTEMS	695,800.00	695,800.00	0.00	0.00%	0.00	695,800.00	100.00	0.00	34,790.00
17	EQUALIZATION BASIN PUMP STATION	336,200.00	336,200.00	0.00	0.00%	0.00	336,200.00	100.00	0.00	16,810.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	1,884,300.00	22,800.00	1.20%	0.00	1,907,100.00	100.00	0.00	95,355.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	164,200.00	0.00	0.00%	0.00	164,200.00	100.00	0.00	8,210.00
20	TERTIARY FILTERS	585,300.00	585,300.00	0.00	0.00%	0.00	585,300.00	100.00	0.00	29,265.00
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	33,900.00	0.00	0.00%	0.00	33,900.00	100.00	0.00	1,695.00
22	AEROBIC DIGESTERS	1,983,300.00	1,983,300.00	0.00	0.00%	0.00	1,983,300.00	100.00	0.00	99,165.00
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	1,592,650.00	0.00	0.00%	0.00	1,592,650.00	99.61	6,250.00	79,632.50

24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	18,900.00	0.00	0.00%	0.00	18,900.00	100.00	0.00	945.00
25	HEADWORKS ELECTRICAL	9,900.00	9,900.00	0.00	0.00%	0.00	9,900.00	100.00	0.00	495.00
26	PRIMARY SEDIMENTATION ELECTRICAL	308,000.00	303,000.00	5,000.00	1.62%	0.00	308,000.00	100.00	0.00	15,400.00
27	EQ BASIN ELECTRICAL	116,400.00	116,400.00	0.00	0.00%	0.00	116,400.00	100.00	0.00	5,820.00
28	SBR ELECTRICAL WORK	234,500.00	234,500.00	0.00	0.00%	0.00	234,500.00	100.00	0.00	11,725.00
29	TERT. FILTER & AIR COMPRESSOR ELECTRICAL	13,600.00	13,600.00	0.00	0.00%	0.00	13,600.00	100.00	0.00	680.00
30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	54,200.00	0.00	0.00%	0.00	54,200.00	100.00	0.00	2,710.00
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	889,500.00	5,000.00	0.56%	0.00	894,500.00	99.44	5,000.00	44,725.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	26,250.00	1,150.00	2.90%	0.00	27,400.00	69.19	12,200.00	1,370.00
C01	ALUMINIUM COVER DESIGN CHANGES	28,980.07	28,980.07	0.00	0.00%	0.00	28,980.07	100.00	0.00	1,449.00
C02	CHANGE ORDER #02	17,720.77	17,720.77	0.00	0.00%	0.00	17,720.77	100.00	0.00	886.04
C03	CHANGE ORDER #03	94,137.69	94,137.69	0.00	0.00%	0.00	94,137.69	100.00	0.00	4,706.88
C04	CHANGE ORDER #04	6,564.08	6,564.08	0.00	0.00%	0.00	6,564.08	100.00	0.00	328.20
C05	C05	382,578.61	363,449.68	11,477.36	3.00%	0.00	374,927.04	98.00	7,651.57	18,746.35
TOTAL:		16,974,481.22	16,673,127.29	207,752.36	1.22%	0.00	16880879.65	99.45	93,601.57	844,043.97

MEMORANDUM

DATE: November 23, 2021

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: **TVWD JCFA with the COMMUNITY FACILITIES DISTRICT NO. 21-1
OF THE CORONA-NORCO UNIFIED SCHOOL DISTRICT**

BACKGROUND

We have been asked to participate in a Corona Norco Unified School District CFD via a Joint Community Facilities Agreement for the financing of certain improvements to be constructed on and adjacent to the JEN SOCAL 2, LLC Development (Kiley Property) that is within Sycamore Creek Development adjacent to the Lennar property. The improvements considered for inclusion for TVWD are attached. The priority of funding with CFD proceeds will be determined during CFD formation by TVWD staff and will be for TVWD facilities only.

The Finance Committee reviewed the original agreement and suggested the following concept revisions. This JCFA agreement is the same as the Temescal Partners CNUSD CFD 19-1 JCFA:

- Finite list of TVWD improvements.
- Packages approved by CNUSD prior to TVWD approval for Developer funding.
- JCFA acquisition only no fees.
- Payment to Developer on acceptance of Facilities by TVWD.

Attached for your consideration is a Joint Community Facilities Agreement that when and if the CFD is formed, will allow certain TVWD facilities to be included for funding.

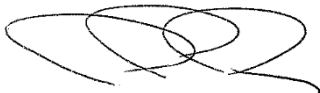
FINANCIAL IMPACT

N/A

RECOMMENDATION

Approve agreement and authorize the General Manager to execute the agreement on behalf of TVWD.

Respectfully submitted,



Jeff Pape
General Manager

JOINT COMMUNITY FACILITIES AGREEMENT

COMMUNITY FACILITIES DISTRICT NO. 21-1 OF THE CORONA-NORCO UNIFIED SCHOOL DISTRICT

This JOINT COMMUNITY FACILITIES AGREEMENT (the “Agreement”), dated as of _____, 2021, is entered into by and among the CORONA-NORCO UNIFIED SCHOOL DISTRICT, public entity (the “School District”), the TEMESCAL VALLEY WATER DISTRICT, a water district (the “TVWD”) and JEN SOCIAL 2, LLC, a California limited liability company (the “Owner”).

RECITALS:

A. The Board of Education of the School District, (the “Board of Education”) at the request of Owner, owner of certain property located generally on the southeast corner of Kingbird Drive and Towhee Lane (adjacent to Sycamore Creek) in the County of Riverside and more particularly described in Exhibit “A” attached hereto and incorporated herein by this reference (the “Property”), has initiated proceedings to establish a community facilities district pursuant to the Mello-Roos Community Facilities Act of 1982, Chapter 2.5 (commencing with Section 53311) of Part 1 of Division 2 of Title 5 of the Government Code (the “Act”) to include the Property for the purpose of financing the acquisition or construction of public facilities necessary to serve new development within the Property. Such community facilities district shall be designated as Community Facilities District No. 21-1 of the Corona-Norco Unified School District (the “District” or “CFD” or “Community Facilities District” herein). The School District has also initiated proceedings proposing to authorize the issuance of bonds (the “Bonds”) to be secured by the levy of special taxes within the CFD in an amount expected to be sufficient to finance the acquisition or construction of the public facilities.

B. Owner intends to develop the Property as a residential development which will require the construction of water and sewer facilities needed as a result of such development as described in Exhibit “B” (the “TVWD Facilities”). It is estimated the amount of the TVWD Facilities will be equal to \$1,356,385 (the “TVWD Construction Costs”). Upon receipt by the School District of proceeds of the Bonds, the School District shall direct that the Owner shall be entitled pursuant to the provisions of this Agreement to be paid for TVWD Facilities at the prices determined by the District pursuant to this Agreement upon the completion of the construction and acceptance of each TVWD Facility and the formation of the Community Facilities District. TVWD is willing to acquire the TVWD Facilities from Owner subject to the requirements of the Act.

C. Pursuant to Sections 53316.2, 53316.4 and 53316.6 of the Act, (i) a community facilities district may finance facilities to be owned or operated by an entity other than the agency that created the community facilities district pursuant to a joint community facilities agreement or a joint exercise of powers agreement adopted pursuant to Section 53316.2; and (ii)

a party to such an agreement may use the proceeds of any bonds or other indebtedness issued pursuant to the Act to provide facilities which that party is otherwise authorized by law to provide, even though another party to the agreement does not have the power to provide those facilities.

D. The purpose of this Agreement is to set forth the understandings of the parties with respect to the establishment of the CFD, the authorization of bonded indebtedness and the sale of bonds for the CFD, the allocation of the proceeds of the sale of such bonds for the TVWD Facilities.

E. The School District, TVWD and Owner have each determined that entering into a joint community facilities agreement to enable the CFD to finance the TVWD Facilities will be beneficial to the residents of the School District and TVWD respectively, and, therefore, desire to enter into this joint community facilities agreement pursuant to Government Code Section 53316.2.

NOW, THEREFORE, in consideration of the preceding recitals and the mutual covenants hereinafter contained, the parties agree as follows:

1. **Recitals.** The above recitals are all true and correct.
2. **Plans and Specifications; Solicitation of Bids and Award of Construction Contract.**

All plans, specifications and bid documents for TVWD Facilities (the “Plans and Specifications”) shall be prepared by the Owner at the Owner’s initial expense, subject to approval by the TVWD. The costs of acquisition of such TVWD Facilities shall include costs of the preparation of the Plans and Specifications and all related documentation as set forth in Section 4 below. The Plans and Specifications and the form of all construction contracts for TVWD Facilities shall expressly state that the TVWD and the Community Facilities District are not parties to any construction contract for such TVWD Facilities and have no liability whatsoever for the payment to any contractors, subcontractors, laborers or materialmen for the construction of TVWD Facilities.

Owner shall not award bids or enter into a contract for the construction, commence construction or cause commencement of construction of any TVWD Facility until the Plans and Specifications for such TVWD Facility have been approved by the TVWD.

Owner shall invite at least three (3) bids for the construction of each TVWD Facility. Owner shall notify the General Manager of the TVWD, or his or her designee (the “General Manager”) of the date, time and location of all bid openings and a representative of the TVWD shall be permitted to attend any such bid opening. The Owner shall award the contract to the lowest responsible bidder. The invitation of bids and the award of any contract for the construction of any TVWD Facility shall conform to the provisions of this Section 2 and Exhibit “C” hereto.

3. **Construction, Inspection and Completion of TVWD Facilities.** Exhibit “C” hereto shall apply to all TVWD Facilities and compliance with such provisions with respect to a TVWD Facility shall be a pre-condition for the payment of the “Purchase Price” (defined below) of the TVWD Facility.

4. **Payment of Purchase Price.**

(a) **Amount of Purchase Price.** The amount to be paid by the Community Facilities District for the TVWD Facilities to be acquired from Owner (the “Purchase Price”) shall, as to each such Improvement:

(i) be determined by TVWD in accordance with the provisions of this Section 4 and Exhibit “C” hereto,

(ii) equal the lesser of the cost or the value thereof,

(iii) include the reasonable cost or value of eligible appurtenant public facilities, and

(iv) include all other applicable costs of construction and incidental costs eligible under the Act and the goals and policies of TVWD as a part of the cost of the TVWD Facilities, including the following:

(a) Usual and customary design and engineering costs including civil engineering, soils engineering, landscape, architecture, survey and construction staking, utility engineering and coordination, construction administration and supervision, plan check and inspection fees.

(b) Costs of environmental review, permitting and mitigation related directly to the Improvement.

In no event shall the cost or value of the construction of a TVWD Facility be deemed to exceed the construction contract prices set forth in the construction contract(s) and change order(s) approved by TVWD for the TVWD Facility.

(b) **Priority of Funding.** All of the TVWD Facilities and TVWD Advances described below in section 8 are eligible to be financed with the proceeds of the special taxes with respect to the CFD (“Special Taxes”) and bonds of the CFD (“Bonds”) if and to the extent the Owner, or its successor assign, has acquired property within the CFD. The proceeds of the Special Taxes and Bonds and interest earnings thereon available to finance the acquisition or construction of the TVWD Facilities and the repayment of TVWD Advances shall be disbursed to pay the Purchase Price of completed TVWD Facilities and to repay prior TVWD Advances or to fund TVWD Advances in the order in which such TVWD Facilities are completed or such TVWD Advances are made or required.

(c) **Requisition for Payment of Purchase Price.**

The Owner may submit a written request to the General Manager for the payment of the Purchase Price of a TVWD Facility to be acquired from the Owner upon the completion of the construction of the TVWD Facility in accordance with the approved Plans and Specifications. Such payment request must be in the form attached hereto as Exhibit "E-1" and conform to the requirements below and, unless previously provided to the TVWD, must be accompanied by

(1) as-built drawings or other equivalent plans and specifications for any TVWD Facility in a form reasonably acceptable to the TVWD,

(2) evidence that the Owner has posted a maintenance bond for such TVWD Facility as required by Exhibit "C",

(3) evidence of the recordation of a Notice of Completion as to such TVWD Facility unless such requirement is waived pursuant to Exhibit "C", and

(4) evidence acceptable to the General Counsel that the Owner's contractors have provided conditional lien releases for the TVWD Facility.

(d) **Documentation.** All payment requests submitted by Owner must be properly executed and shall include all supporting documents referred to in the payment request.

(e) **Review of Payment Request.** The General Manager shall review each payment request which shall be in the form of Exhibit "E-1". If the General Manager finds that any such payment request is incomplete, improper or otherwise not suitable for approval, the General Manager shall inform Owner in writing within ten (10) working days after receipt thereof, the reasons for his finding. Owner shall have the right to respond to this finding by submitting further documentation in support of the original payment request within ten (10) calendar days after receipt of the denial. The General Manager shall review any further documentation submitted by the Owner to support the original payment request and inform Owner of his approval or denial of the payment request, as supplemented, within ten (10) working days after receipt of the further documentation. The resubmittal of an original payment request in its entirety or the submission of documentation in support of an original payment request more than thirty (30) days after receipt of the General Manager's denial of such payment request shall be deemed a new payment request for purposes of this Section.

(f) **Payment.** Payments hereunder shall be paid to Owner after the date of the approval of the payment request for any such TVWD Facility to the extent of available funds as provided in Exhibit "E-2". Notwithstanding any other provision of this Agreement, payments hereunder shall be payable solely from proceeds of the sale of Bonds, after all costs of formation of the Community Facilities District and all costs of issuance of such Bonds have been paid and deposits of accrued and capitalized interest to the redemption fund and the initial deposits to fund the reserve fund and annual administrative expenses of the Community Facilities District have been made. Except for such available Bond proceeds, Owner shall not be reimbursed from any other source of funds.

In addition to the foregoing, the Owner shall not be reimbursed if TVWD reasonably determines that the Owner is not then in substantial compliance with all applicable conditions and obligations imposed upon the Development by the TVWD as a precondition to the development of the Development, including but not limited to, payment of all applicable fees, dedication of all applicable rights-of-way or other property and construction of all other public improvements required by the TVWD.

5. **Deposit.** The Owner shall deposit with TVWD the amount of \$5,000 for the processing and administration of this Agreement. The Owner, within thirty (30) days after receipt of an additional billing for such costs, will forward the billed amount to TVWD.

6. **Use of CFD Funds.** TVWD agrees that the TVWD Facilities to be dedicated to TVWD shall have an estimated useful life of not less than five years. TVWD represents that, as of the date of this Agreement, TVWD reasonably expects that with respect to the CFD funds hereunder, such Funds will be used to reimburse the Owner and that such reimbursement will represent at least 85% of such CFD funds within three (3) years from the Closing Date.

7. **Formation Proceedings; Responsibility.** The School District is expected to have responsibility for providing facilities to be financed by a larger share of the proceeds of Special Taxes and Bonds of the CFD and therefore the Board of Education shall have the jurisdiction to and shall be solely responsible for conducting proceedings pursuant to the Act for the establishment of the CFD. The Board of Education shall also have the jurisdiction to and shall be solely responsible for conducting proceedings pursuant to the Act to authorize the CFD to incur bonded indebtedness for purposes authorized under the Act, including the financing of the TVWD Facilities.

The Board of Education, acting as the legislative body of the CFD, shall have the sole discretion to establish the terms and conditions for and approve the issuance of Bonds for the CFD.

TVWD is not directly or indirectly approving or responsible in any way whatsoever for the formation of the CFD, the authorization for the levy of special taxes within the CFD or the issuance of Bonds for the CFD. In addition, TVWD shall not be responsible in any way whatsoever for the costs of formation of the CFD.

The School District's share of bond proceeds and pay-go special taxes will be greater than the TVWD's share.

8. **Responsibility to Plan, Design, and Construct.** TVWD shall, after its direction of the Owner as described herein, have sole responsibility for the planning, design, and construction of water and sewer facilities to be owned by TVWD whose construction or reconstruction has been financed, in whole or in part, from payments made pursuant to this Agreement. TVWD shall have no responsibility whatsoever for the planning, design, and construction or operation of any other facilities financed in connection with the CFD (other than the water and sewer facilities financed, in whole or in part, from TVWD Construction Costs

transferred by the School District to Owner for reimbursement in satisfaction of the required TVWD Facilities pursuant to this Agreement).

9. **Indemnification.** Owner shall assume the defense of, indemnify and hold harmless TVWD, the School District, and each of their officers, directors, officials, employees and agents, from and against all actions, damages, claims, losses or expenses, including reasonable attorneys' fees and costs, of every type and description to which they may be subjected or put, by reason of, or resulting from (i) any act or omission of Owner under this Agreement, or (ii) any disclosure made by Owner in connection with the offering and sale of the Bonds or any continuing disclosure made by Owner at any time with respect to the Bonds, or any matter relating thereto; provided, however, that no assumption of defense, indemnification or hold harmless shall be required of Owner for any action, damages, claim, loss or expense arising from the gross negligence or willful misconduct of TVWD, the School District, or any of their officers, directors, officials, employees or agents. If Owner fails to do so, TVWD and School District shall have the right, but not the obligation, to defend the same and charge all of the direct or incidental costs of such defense, including any fees or costs, to, and recover the same from, Owner.

School District shall assume the defense of, indemnify and hold harmless, TVWD, and each of its officers, directors, officials, employees and agents, from and against all actions, damages, claims, losses or expenses, including reasonable attorneys' fees and costs, of every type and description to which they may be subjected or put, by reason of, or resulting from (i) any act or omission of the School District under this Agreement, (ii) the establishment of the CFD, (iii) the levy of Special Taxes, (iv) the issuance of Bonds, (v) the financing of all or a portion of the School District fees and/or facilities from Bond proceeds and (vi) any disclosure made in connection with the offering and sale of the Bonds or any continuing disclosure made at any time with respect to the Bonds, or any matter relating thereto; provided, however, that no assumption of defense, indemnification or hold harmless shall be required of School District for any action, damages, claim, loss or expense arising from the gross negligence or willful misconduct of TVWD, or any of their officers, directors, officials, employees or agents. If School District fails to do so, TVWD shall have the right, but not the obligation, to defend the same and charge all of the direct or incidental costs of such defense, including any fees or costs, to, and recover the same from, School District.

TVWD shall defend, indemnify and hold harmless the School District and Owner, and each of their officers, directors, officials, employees and agents, from and against any and all claims, losses, liabilities, damages by reason of, or resulting from, or arising out of (a) the design, construction, maintenance, and operation of the water and sewer facilities financed, in whole or in part, from TVWD Construction Costs transferred by the School District to TVWD in satisfaction of the required TVWD Facilities pursuant to this Agreement or (b) the implementation of Section 3 of this Agreement.

10. **General Standard of Reasonableness.** Any provision of this Agreement which requires the consent, approval, discretion or acceptance of any party hereto or any of their respective employees, officers or agents shall be deemed to require that such consent, approval

or acceptance not be unreasonably withheld or delayed, unless such provision expressly incorporates a different standard.

11. **Entire Agreement, Amendment.** This Agreement and the agreements expressly referred to herein contain all of the agreements of the parties hereto with respect to the matters contained herein and no prior or contemporaneous agreement or understandings, oral or written, pertaining to any such matters shall be effective for any purpose. No provision of this Agreement may be modified, waived, amended or added to except by a writing signed by the party against which the enforcement of such modification, waiver, amendment or addition is or may be sought.

12. **Notices.** Any notice, payment or instrument required or permitted by this Agreement to be given or delivered to either party shall be deemed to have been received when personally delivered or seventy-two (72) hours following deposit of the same in any United States Post Office in California, registered or certified, postage prepaid, addressed as follows:

School District: Corona-Norco Unified School District
2820 Clark Avenue
Norco, California 91760-1903
Attn: Assistant Superintendent, Business Services

TVWD: Temescal Valley Water District
22646 Temescal Canyon Road
Corona, California 92883

Attention:

Owner: JEN SOCAL 2, LLC
c/o JPMB Investments, LLC
Attn: Paul Onufer
556 S. Fair Oaks Avenue, #337
Pasadena, CA 91105

All notices will be deemed to be effective on the date of mailing. In case any party changes its address at which notice is to be received, written notice of such change of address will be given without delay to the other party.

13. **Severability.** If any provision of this Agreement is held to be illegal or unenforceable by a court of competent jurisdiction, that provision will be limited or eliminated to the minimum extent necessary so that this Agreement will otherwise remain in full force and effect.

14. **Successors and Assigns.** Each and all provisions hereof shall be binding on and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, successors and permitted assigns.

15. **Governing Law.** This Agreement and any dispute arising hereunder shall be governed by and interpreted in accordance with the laws of the State of California, irrespective of such state's choice-of-law principles. In the event of any legal action to enforce or interpret this Agreement, the sole and exclusive venue shall be a court of competent jurisdiction located in the County of Riverside, California and the parties hereto agree to and do hereby submit to the jurisdiction of such court, notwithstanding Code of Civil Procedure Section 394. Furthermore, the parties specifically agree to waive any and all rights to request that an action be transferred for trial to another county.

16. **Waiver.** Failure by a party to insist upon the strict performance of any of the provisions of this Agreement by any other party, or the failure by a party to exercise its rights upon the default of any other party, shall not constitute a waiver of such party's right to insist and demand strict compliance by any other party with the terms of this Agreement thereafter.

17. **Singular and Plural; Gender.** As used herein, the singular of any word includes the plural, and terms in the masculine gender shall include the feminine.

18. **Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed an original but all of which will constitute one and the same instrument.

19. **Construction of Agreement.** This Agreement has been reviewed by legal counsel for the School District, TVWD, and Owner and shall be deemed for all purposes to have been jointly drafted by the School District, TVWD, and Owner. No presumption or rule that ambiguities shall be construed against the drafting party shall apply to the interpretation or enforcement of this Agreement. The language in all parts of this Agreement, in all cases, shall be construed as a whole and in accordance with its fair meaning and not strictly for or against any party and consistent with the provisions hereof, in order to achieve the objectives of the parties hereunder. The captions of the sections and subsections of this Agreement are for convenience only and shall not be considered or referred to in resolving questions of construction.

20. **No Obligation to Form CFD or Fund the Project.** TVWD acknowledges that the decision of the Board of Education to form the CFD or to include any particular improvement or activity amongst the improvements and activities to be financed by the CFD is a legislative action and the School District may not enter into an agreement to obligate the Board of Education to exercise its legislative discretion in a particular manner or for a particular result. This Agreement does not, therefore, in any way create a contractual, legal or equitable obligation of or commitment by the School District to approve the formation of the CFD or to issue bonds pursuant to an indenture or fiscal agent agreement making funds available for the TVWD Facilities.

21. **Agreement Contingent.** This Agreement is contingent on the formation of the CFD, the authorization by the qualified electors of the CFD to levy special taxes and incur bonded indebtedness, the successful sale of bonds, and the availability of bond proceeds for the purposes set forth in this Agreement and it shall be null and void if such bonds are not sold within a three-year period following the date of this Agreement or any mutually-agreed extension.

22. **Further Assurances.** Each party to this Agreement agrees to execute, acknowledge and deliver such further instruments, and to do all such other acts, as may be necessary or appropriate in order to carry out the purposes and intent of this Agreement.

23. **Beneficiaries.** No person or entity shall be deemed to be a third-party beneficiary hereof, and nothing in this Agreement (either express or implied) is intended to confer upon any person or entity, other than the School District, TVWD, and Owner any rights, remedies, obligations or liabilities under or by reason of this Agreement.

24. **Compliance with SB 1029.** The School District and TVWD have each respectively adopted debt policies in compliance with Senate Bill 1029.

(Signature page follows)

IN WITNESS WHEREOF, the parties have executed this Agreement on the day and year first above written.

CORONA-NORCO UNIFIED SCHOOL DISTRICT

By: _____
President of the Board of Education

ATTEST:

Secretary of the Board of Education

TEMESCAL VALLEY WATER DISTRICT

By: _____
Name: _____
Title: _____

ATTEST:

Secretary of the Temescal Valley Water District

JEN SOCAL 2, LLC,
a California limited liability company

By: _____
Name: _____
Title: _____

EXHIBIT "A"

DESCRIPTION OF THE PROPERTY

[Attach CFD Boundary Map]

EXHIBIT "B"

TVWD Facilities

	Total	Per Dwelling Unit
Sanitary Sewer Improvements	\$ 480,034	\$ 6,076
Domestic Water Improvements	650,287	8,231
Prevailing Wage (15%)	169,548	2,146
Soft Costs (5%)	56,516	715
Temescal Valley Water District Total	\$1,356,385	\$17,169

EXHIBIT "C"

TVWD Facilities Construction, Inspection and Completion Requirements

1. **Construction.** The Owner who intends to submit a payment request for any of the TVWD Facilities to be acquired (the "TVWD Facilities") will complete the design of such TVWD Facilities and the plans and specifications for construction of such TVWD Facilities as provided in Section 2 of this Joint Community Facilities Agreement. Upon approval of the Plans and Specifications, the Owner may proceed with the construction of the TVWD Facilities provided in section 2 and 3 of this Joint Community Facilities Agreement.

2. **Public Works Requirements.** In order to ensure that the TVWD Facilities for which payment requests are submitted will be constructed as if they had been constructed under the direction and supervision, or under the authority of, TVWD, so that they may be acquired by TVWD pursuant to Government Code Section 53313.5, the Owner shall comply with all of the following requirements:

(a) Bids shall be solicited from at least three (3) qualified contractors, provided at least three (3) qualified contractors are reasonably available. The Owner may also directly solicit bids.

(b) The bidding response time shall be not less than ten (10) working days.

(c) An authorized representative of TVWD shall be provided a copy of the tabulation of bid results.

(d) Contract(s) for the construction of the TVWD Facilities shall be awarded to the qualified contractor(s) submitting the lowest responsible bid(s), as determined by the Owner.

(e) The contractor to whom a contract is awarded shall be required to pay not less than the prevailing rates of wages pursuant to Labor Code Sections 1770, 1773 and 1773.1. A current copy of applicable wage rates shall be on file in the office of TVWD's General Manager (the "General Manager"), as required by Labor Code Section 1773.2.

(f) Said contractors shall be required to furnish labor and material payment bonds and contract performance bonds in an amount equal to 100 percent of the contract price naming the Owner and TVWD as beneficiaries or obligees and issued by insurance or surety companies approved by TVWD. All such bonds shall be in a form approved by the authorized representative of TVWD. Rather than requiring its contractors to provide such bonds, the Owner may elect to provide the same for the benefit of its contractors.

(g) All such contractors shall be required to provide proof of insurance coverage throughout the term of the construction of the TVWD Facilities, which they will construct in conformance with TVWD's standard procedures and requirements.

(h) The Owner and all such contractors shall comply with such other requirements relating to the construction of the TVWD Facilities which TVWD may impose by written notification delivered to the Owner and each such contractor at any time either prior to the receipt of bids by the Owner for the construction of the TVWD Facilities or, to the extent required as a result of changes in applicable laws, during the progress of construction thereof.

The Owner shall provide proof to TVWD, at such intervals and in such form as TVWD may require, that the foregoing requirements have been satisfied as to all of the TVWD Facilities for which payment requests are submitted.

3. **Inspection; Completion of Construction.** TVWD shall have primary responsibility for providing inspection of the work of construction of the TVWD Facilities to ensure that the work of construction is accomplished in accordance with the Plans and Specifications. TVWD's personnel shall have access to the site of the work of construction at all reasonable times for the purpose of accomplishing such inspection. Upon the completion of the construction of each of the TVWD Facilities (or any approved portion) to the satisfaction of TVWD's inspectors, the Owner shall notify TVWD in writing that the construction of the TVWD Facilities has been completed in accordance with the Plans and Specifications.

Upon receiving such written notification from the Owner, and upon receipt of written notification from its inspectors that construction of the TVWD Facilities has been completed in accordance with the Plans and Specifications and TVWD's standard requirements, TVWD shall in a timely manner notify the Owner in writing that the construction of the TVWD Facilities has been satisfactorily completed. Any costs incurred by TVWD in inspecting and approving the construction of the TVWD Facilities not previously paid by the Owner shall be reimbursed from the proceeds of the Bonds of the District, if available, and if not available, shall be paid by the Owner.

4. **Liens.** Upon the expiration of the time for the recording of claims of liens as prescribed by Sections 3115 and 3116 of the Civil Code, the Owner shall provide to TVWD such evidence or proof as TVWD shall require that all persons, firms and corporations supplying work, labor, materials, supplies and equipment to the construction of the TVWD Facilities have been paid, and that no claims of liens have been recorded by or on behalf of any such person, firm or corporation. Rather than await the expiration of the said time for the recording of claims of liens, the Owner may elect to provide to TVWD a title insurance policy or other security acceptable to TVWD guaranteeing that no such claims of liens will be recorded or become a lien upon the Property with priority over the lien of the special taxes to be levied thereon in the proceedings for the formation of the District.

5. **Acquisition; Acquisition Price; Source of Funds.** Provided Owner has complied with the requirements of this Agreement, TVWD agrees to accept each of the TVWD Facilities from the Owner. The price to be paid with respect to TVWD Facilities shall be the lesser of the amount of Bond proceeds available for the TVWD Facilities or the total of the actual costs incurred by the Owner to design, plan, engineer, construct, install, and test the TVWD Facilities. For purposes of determining the approved price to be paid by the District for the acquisition of such TVWD Facilities, the value of such facilities shall be based on the actual costs submitted by

the Owner as reviewed and approved by TVWD as provided in Exhibit "C" to this Joint Community Facilities Agreement. As a condition to the payment of such acquisition price, the Owner shall transfer ownership of the TVWD Facilities to TVWD by grant deed, bill of sale or such other documentation as TVWD may require. Upon the transfer of ownership of the TVWD Facilities or any portion thereof from the Owner to TVWD, TVWD shall accept into its maintained system the TVWD Facilities or the portion transferred.

If the costs of the TVWD Facilities are greater than the amount of the Bond proceeds available for TVWD Facilities, none of the District, the School District or TVWD is in any way obligated to pay the Owner. Any difference is the sole responsibility of the Owner.

Notwithstanding the timing of substantial completion or final completion and acceptance of the TVWD Facilities, the Owner may submit a payment request upon substantial and/or final completion of a TVWD Facility. The form of payment request to be submitted to TVWD by the Owner in requesting payment by the District of the acquisition price or funding with respect to the TVWD Facility shall be as required by TVWD. Within ten (10) business days of the Owner's submission to TVWD of a payment request, TVWD shall determine if the TVWD Facility has been substantially completed and shall either deny or approve the payment request, which approval shall not be unreasonably withheld. If TVWD denies any payment request, it shall provide the Owner a detailed written explanation describing the reasons or rationale for such denial. All denied payment requests may be resubmitted for approval. The Owner shall reimburse TVWD for its actual costs incurred in connection with the processing of such payment requests, including the inspection of the TVWD Facilities and such amounts shall be included in the acquisition price paid by the District.

In connection with TVWD's approval of a payment request, TVWD and the Owner shall authorize the School District to disburse the acquisition price with respect to the approved TVWD Facilities to the Owner pursuant to a disbursement request, in the form approved by the School District. Within ten (10) days of the School District's receipt of a signed disbursement request, the School District shall authorize payment of the disbursement request by the trustee or fiscal agent for the Bonds.

Upon award of the contracts or completion of the construction of the TVWD Facilities, as applicable and as directed by TVWD, the Owner shall deliver to TVWD all copies of requested items, including, but not limited to, copies of the contract(s) with the contractor(s) who have constructed the TVWD Facilities or other relevant documentation with regard to the payments made to such contractor(s) and each of them for the construction of the TVWD Facilities, and shall also provide to TVWD invoices and purchase orders with respect to all supplies and materials purchased for the construction of the TVWD Facilities.

6. **Easements.** The Owner shall prior to the time TVWD acquires the TVWD Facilities as provided in Section 5 hereof, grant to TVWD, by appropriate instruments prescribed by TVWD, all easements on private property which may be reasonably necessary for the proper operation and maintenance of the TVWD Facilities, or any part thereof.

7. **Maintenance.** Prior to the transfer of ownership of the TVWD Facilities by the Owner to TVWD, as provided in Section 5 hereof, the Owner shall be responsible for the maintenance thereof and shall maintain and transfer the TVWD Facilities to TVWD in as good condition as the TVWD Facilities were in at the time the Owner notified TVWD that construction of same had been completed in accordance with the Plans and Specifications.

8. **Warranty.** The Owner and its contractors shall warranty all work performed with respect to the TVWD Facilities to be of good quality and free from any defective or faulty material or workmanship, such warranty to include any requested documentation with respect to Owner's compliance with the provisions of section 2 above. The Owner and its contractors shall agree that for a period of one (1) year after the date of final acceptance, the contractor shall within ten (10) days after being notified in writing by TVWD of any defect in the work or non-conformance of the work to the contract, commence and prosecute with due diligence all work necessary to fulfill the terms of the warranty at its sole cost and expense. The Owner and its contractors shall act sooner as requested by TVWD in response to an emergency. In addition, Owner and its contractors, at their sole cost and expense, shall repair and replace any portions of the work (or work of other contractors) damaged by its defective work or which becomes damaged in the course of repairing or replacing defective work. For any work so corrected Owner and its contractors' obligations hereunder to correct defective work shall be reinstated for an additional one (1) year period, commencing with the date of acceptance of such corrected work. The Owner and its contractors shall perform such tests as TVWD may require to verify that any corrective actions including without limitation redesign repairs, and replacements comply with the requirements of the contract. All costs associated with such corrective actions and testing shall be the sole responsibility of Owner and its contractors. All warranties and guarantees of subcontractors, suppliers and manufacturers with respect to any portion of the work, whether express or implied are deemed to be obtained by Owner for the benefit of TVWD, regardless of whether or not such warranties and guarantees have been transferred or assigned to TVWD by separate agreement, and Owner agrees to enforce such warranties and guarantees, if necessary, on behalf of TVWD. In the event that Owner and its contractors fail to perform their obligations under this section to the reasonable satisfaction of TVWD, TVWD shall have the right to correct and replace any defective or non-conforming work and any work damaged by such work or the replacement or correction thereof at Owner's and its contractors' sole expense. The Owner and its contractors shall be obligated to fully reimburse TVWD for any expenses incurred hereunder upon demand.

8. **Inspection of Records.** TVWD shall have the right to review all books and records of the Owner pertaining to costs and expenses incurred by the Owner for the design and construction of the TVWD Facilities during normal business hours by making arrangements with the Owner.

9. **Ownership of Facilities.** Notwithstanding the fact that some or all of the TVWD Facilities may be constructed in dedicated street rights-of-way or on property which has been or will be dedicated to TVWD, the TVWD Facilities shall be and remain the property of the Owner until acquired by TVWD as provided in the preceding sections of this Agreement. Such ownership by the Owner shall likewise not be affected by any agreement which the Owner may have entered into or may enter into with TVWD pursuant to the provisions of the Subdivision

Map Act, Section 66410 et. seq of the Government Code, which may contain or include provisions with respect to the construction and ownership of public facilities which may seem to be contradictory to the provisions of this Agreement, and the provisions of this section shall control.

10. **Improvement Security; Maintenance Bond.** Notwithstanding the provisions of this Agreement, the Owner shall be required to secure the construction and completion of construction of the TVWD Facilities as required by Sections 66499 through 66499.10 of the Government Code.

EXHIBIT “D”

ELIGIBLE COSTS

The eligible costs for the TVWD Facilities shall include all of the actual costs and expenses, directly or indirectly related to the design, planning, engineering, construction, installation and testing of the TVWD Facilities (the “Actual Costs”). Actual Costs shall include without limitation, the following:

1. Costs for the construction of the TVWD Facilities, including employment of licensed contractor(s) to construct, install, complete and test the TVWD Facilities.
2. All permit fees, inspection fees and other fees customarily charged by governmental agencies or other entities, including TVWD, arising out of or in connection with the design, planning, engineering, construction, installation or testing of the TVWD Facilities.
3. Costs of tests, inspections, studies, reports and surveys, including, without limitation, any environmental, archaeological, biological or cultural studies or any mitigation requirements that may be requested by federal, state or local agencies evaluations attributable to the TVWD Facilities.
4. Professional costs and fees associated with design, engineering, accounting, inspection, construction staking, materials testing, legal and accounting and other similar services.
5. Costs of labor and material payment bonds and contract performance and maintenance bonds.
6. Builder’s risk insurance, employer’s liability insurance and comprehensive liability insurance obtained with respect to the TVWD Facilities.
7. Construction and project management and supervision (which costs may include the Owner’s internal cost allocations) not to exceed 10% of the costs of construction of the related TVWD Facilities.
8. Costs and expenses of TVWD in connection with the performance of its obligations under this Agreement, including, but not limited to, (i) attorneys, accountants and other professionals retained in connection with TVWD’s compliance with this Agreement or any matter related to the design, planning, engineering, construction, installation or testing of the TVWD Facilities, and (ii) employee time to review the Plans and Specifications, inspect the construction and installation of the TVWD Facilities and process payment requests.

EXHIBIT “E-1”

FORM OF PAYMENT REQUEST

The undersigned hereby requests payment from the TVWD Facilities Account of the Acquisition and Construction Fund, or any applicable account or subaccount thereof, established by Community Facilities District No. 21-1 of the Corona-Norco Unified School District (the “CFD”) in connection with Series 20__ Special Tax Bonds (the “Bonds”), an amount equal to \$ _____ for the TVWD Facilities (as defined in the Joint Community Facilities Agreement by and among the Corona-Norco Unified School District (the “School District”), the Temescal Valley Water District (the “TVWD”) and JEN SOCAL 2, LLC, (the “Owner”), dated _____, 2021 (the “Facilities Agreement”), all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby represents and warrants to TVWD as follows:

1. He (she) is a duly authorized officer or representative of the undersigned, qualified to execute this Payment Request for payment on behalf of the undersigned and is knowledgeable as to the matters set forth herein.

2. All costs of the TVWD Facilities (as defined in the Facilities Agreement) for which payment is requested hereby are those Actual Costs (as described in Exhibit “D” to the Facilities Agreement) and have not been inflated in any respect. The Actual Costs for which payment is requested have not been the subject of any prior disbursement request submitted to the CFD.

3. Supporting documentation (such as third-party invoices, lien releases and cancelled checks or other evidence of payment) is attached with respect to each cost for which payment is requested.

4. The TVWD Facilities for which payment is requested were constructed in accordance with the requirements of the Facilities Agreement.

5. The undersigned is in compliance with the terms and provisions of the Facilities Agreement and no portion of the amount being requested to be paid was previously paid.

6. The acquisition price for the TVWD Facilities (a detailed calculation of which is shown in Attachment 1 hereto) has been calculated in conformance with the terms of the Facilities Agreement.

7. Please authorize payment of the acquisition price by the CFD to the following entity(ies), if other than the undersigned, in the amounts or percentages indicated:

[Insert names of payees and amounts or percentages]

I declare under penalty of perjury that the above representations and warranties are true and correct.

Date: _____

[OWNER]

PAYMENT REQUEST APPROVED:

Date: _____	TEMESCAL VALLEY WATER DISTRICT By: _____ Its: _____
-------------	---

ATTACHMENT 1

SUMMARY OF TVWD FACILITIES

TO BE ACQUIRED AS PART OF PAYMENT REQUEST

<u>TVWD Acquisition Facilities</u>	<u>Actual Costs</u>	<u>Disbursement Requested</u>
--	---------------------	-----------------------------------

[List here TVWD Facilities for which payment is requested and attach supporting documentation]

EXHIBIT "E-2"

DISBURSEMENT REQUEST FORM

No. ____

Community Facilities District No. 21-1 of the Corona-Norco Unified School District (the "CFD") is hereby requested to pay from the TVWD Facilities Account of the Acquisition and Construction Fund, or any applicable account or subaccount thereof, established by the CFD in connection with its Special Tax Bonds (the "Bonds"), to [_____ (the "Owner")/other parties set forth in the attachment payment request], as Payee, the sum set forth below:

\$ _____ (the "Requested Amount")

The undersigned certifies that the amount requested hereunder has been expended or encumbered for capital costs related to the construction and/or acquisition of the following TVWD Facilities:

TVWD
Facilities

Disbursement
Requested

The Requested Amount is due and payable and has not formed the basis of prior request or payment.

The Requested Amount is authorized and payable pursuant to the terms of the Corona-Norco Unified School District (the “School District”), the Temescal Valley Water District (the “TVWD”) and JEN SOCAL 2, LLC, (the “Owner”), dated _____, 2021.

Date: _____	[OWNER]
Date: _____	TEMESCAL VALLEY WATER DISTRICT By: _____ Its: _____

Exhibit 2
JEN SOCAL 2, LLC
Highland - Tract No. 37155
Proposed Corona-Norco Unified School District CFD
Preliminary List of Authorized CFD Facilities

Description of Fees and Improvements	Rate	Unit	Quantity	Total	Per DU
CNUSD Fees					
Mitigation Payment	\$ 6.30	SF	218,956	\$ 1,379,423	\$ 17,461
Mitigation Payment Total	\$ 6.30		218,956	\$ 1,379,423	\$ 17,461
Temescal Valley Water District Improvements*					
Water Improvements	\$ 650,287	Total	1	\$ 650,287	\$ 8,231
Sewer Improvements	480,034	Total	1	480,034	6,076
5% Soft Costs	56,516	Total	1	56,516	715
15% Prevailing Wage	169,548	Total	1	169,548	2,146
Temescal Valley Water District Total				\$ 1,356,385	\$ 17,169
TOTAL AUTHORIZED FEES & IMPROVEMENTS				\$ 2,735,808	\$ 34,630

*TVWD facilities costs per Paul Onufer on 12/15/20.

MEMORANDUM

DATE: November 23, 2021

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: **SDG Investments, LLC - APN 283-110-064 (SDG) Owned EDUs
transfer to Leinen Family Trust APN 283-120-019**

BACKGROUND

SDG Investment owns 30 sewer EDUs that are assigned to APN 283-110-064. They are requesting that the EDUs be transferred off the property to APN 283-120-019 (Leinen Family Trust). The District's transfer policy requires the owned EDUs transfer through the District at the original purchase price. We have received a letter requesting the transfer and the original purchase documentation.

ACTION REQUESTED

Effectuate the transfer EDUs upon receipt of funds.

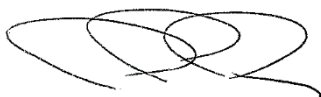
FISCAL IMPACT

\$0 – requested funds received and in the Developer Capacity Deposit Account.

RECOMMENDATION

To be made by the Board of Directors:

Respectfully submitted,



Jeff Pape
General Manager

SDG INVESTMENTS, LLC

Jeff Pape
Temescal Valley Water District
22646 Temescal Canyon Rd
Corona, CA 92883

November 18, 2021

Dear Jeff Pape,

SDG Investments, LLC purchase 30 EDU Sewer Service Rights from Shea Homes in 2006 and transferred them to APN 283-110-064 (formally APN 283-110-019) as part of their original development plan. That plan has change and SDG is now selling the parcel and is requesting the transfer 30 EDU's as follows.

This letter shall serve as notice of SDG Investments, LLC request to transfer of their 30 EDU Sewer Service Rights from APN 283-110-064 located at 22941 Temescal Canyon Rd, Corona, CA 92883.

SDG Investments, LLC has an agreement with Leinen Family Trust to transfer the 30 EDU Sewer Services Rights to APN 283-120-019 located at 10060 Dawson Canyon Rd, Corona, CA 92883.

Upon approval of the Board and your letter of approval the executed agreement will be forwarded to you and submitted to escrow with instructions for the closing of the transfer agreement through Town & Country Escrow Corporation.

Sincerely,



Javier Vasquez

SDG

280 Corporate
Terrace Circle
Corona, CA
92877

PHONE (951) 371-7234

EMAIL javier@miguelsrestaurant.com

**AGREEMENT
FOR THE SALE AND TRANSFER OF SEWER
SERVICE CONNECTION RIGHTS**

This Agreement for Transfer of Sewer Service Connection Rights (“Agreement”) is made to be effective on March 1st, 2006, by SDG Investments, LLC (SDG), and Shea Homes, Inc. a Delaware Corporation, FIT 86-0702254 (Shea) with respect to the following facts:

A. Shea is the owner of property located in Temescal Canyon, Riverside County California, containing approximately 850 acres, and commonly referred to as Trilogy (“Shea Property”).

B. Shea’s predecessor in interest in the Property contributed to the construction of a sewer treatment plant for the Lee Lake Water District (“District”). As a result of its acquisition of the Shea Property, Shea succeeded to interests in a sewer treatment plant, water reservoir, and the water and sewer infrastructure of the District. As a further result of this acquisition, Shea is also now the owner of certain sewer service connection rights from the District.

C. Subject to approval by the District’s Board of Directors, Shea has the right to sell the Service Rights but must first convey them back to the District which will transfer them to the buyers as necessary to conform to applicable governmental regulation.

D. SDG (Buyer) owns property located in Lee Lake Water District, in the County of Riverside at 22941 Temescal Canyon Road, Corona, California, APN 283-110-019, containing approximately 3 acres and commonly known as SDG Project (SDG Property). Buyer understands that development of the SDG Property will require SDG (Buyer) to obtain and have available, sewer service connection rights for Thirty (30) equivalent dwelling units on the SDG Property.

E. SDG (Buyer) desires to obtain a transfer of sewer service connection rights from the District for equivalent dwelling units on the SDG Property as follows:

Sewer- Lee Lake Reclamation Plant- 30 edu’s

The foregoing equivalent dwelling units of sewer service connection rights which are to be conveyed by Shea back to the District for transfer to Buyer are collectively referred to in this Agreement as the “Service Rights”.

Based on the foregoing recitals and in consideration of the mutual promises in this Agreement the parties agree as follows:

1. **Purchase Amount.** The total consideration to be paid to Shea Homes by SDG (Buyer) for the transfer of Service Rights to the District shall be One Hundred Forty Seven Thousand Four Hundred Eighty and 00/100 dollars (\$147,480.00) ("Purchase Amount"). The Purchase Amount will be made in one installment.

2. **Escrow Deposits.** Concurrently with execution of this Agreement, Buyer shall deposit the Purchase Amount into an interest-bearing escrow with First American Title Company, 2 First American Way, Santa Ana, Ca 92707, together with a fully executed copy of this Agreement with instructions to distribute that sum to Shea when the Title Company receives the following: (a) written notice from Shea, declaring under penalty of perjury that the Service Rights were successfully transferred to and accepted by LEE LAKE WATER DISTRICT, (b) a letter from an authorized employee of the District that the Service Rights have been transferred to Buyer for use on the SDG Property. The Purchase Amount is for distribution to Shea and is not to be used as payment to any other party for the Service Rights. If such written notice of transfer and letter from the District is not received by the Title Company on or before June 30th, 2006, Title Company shall, without further instructions return the funds to SDG (Buyer) .

3. **Shea Representations.** Shea represents and warrants to SDG that Shea is the owner of the Service Rights; that Shea's title to the Service Rights is unencumbered and will remain unencumbered until the transfer to the District is completed or until 10 days following the execution of this Agreement, whichever shall first occur. Shea makes no representations or warranties concerning the transferability of the Service Rights to Buyer or the suitability of the Service Rights to serve the SDG Property.

4. **Transfer by Shea.** Upon execution of this Agreement, Shea and SDG (Buyer) shall commence and diligently pursue all steps necessary to transfer the Service Rights to the District conditioned upon Shea's receipt of the letter from an authorized employee of the District that the Service Rights have been transferred to Buyer for use on the SDG Property. When the transfer is complete and accepted by the District, Shea shall provide the notice and letter from the District referred to in Section 2 of this Agreement to the Title Company and to SDG (Buyer). If the District fails to approve the transfer and provide Shea with the letter from an authorized employee of the District that the Service Rights have been transferred in their entirety to Buyer for use on the SDG Property prior to June 30th, 2006, then the Service Rights shall revert to Shea.

5. **Escrow Instructions.** Paragraphs Two (2) and Four (4) of this Agreement also constitute escrow instructions to Escrow Company. Additionally, Shea and SDG (Buyer) agree to execute any form of escrow instructions, as the Escrow Company customarily requires. In the event of a conflict between any such additional terms and the provisions of this Agreement, this Agreement shall supersede and be controlling.

6. Miscellaneous.

(a) **Amendment.** Changes may be made only by a written amendment executed by all parties.

(b) **Attorneys Fees.** If an action is commenced to enforce or interpret any provision hereof, the prevailing party shall be entitled to recover from the other party, reasonable attorneys fees and expenses incurred in the action as the court may award.

(c) **Authority.** Individuals signing this Agreement each represent and warrant that the individual is duly authorized to execute this document and is personally bound, or if executing on behalf of another, is authorized to do so and that the other is bound.

(d) **Confidentiality.** Except as otherwise specified in this Subsection, all aspects of this agreement are confidential. No party may make public announcement or disclosure of any information about this agreement without the consent of the other party unless the disclosure is required by law. Notwithstanding the foregoing, Shea may make such disclosures as Shea deems necessary in its own discretion to convey the Service Rights back to the District for transfer to Buyer consistent with this Agreement.

(e) **Counterparts.** This document may be executed in multiple counterparts, each of which shall be an original and all of which shall constitute one agreement.

(f) **Escrow Fees.** SDG (Buyer) shall pay all escrow fees associated with this Agreement, not to exceed Five Hundred Dollars (\$500.00).

(g) **Interpretation.** The provisions of this Agreement shall be interpreted to give effect to their fair meaning and shall be construed as though prepared by both parties. The entire agreement of the parties is set forth in this Agreement, and all prior negotiations, documents and discussions are superseded. The parties acknowledge there are no applicable representations, warranties or terms which are not stated in this Agreement. Section headings are for convenience only and may not be used in interpretations. All interpretations are to be made in accordance with California law.

(h) **Notices.** All notices required or allowed by this Agreement shall be in writing and shall be sent to the addresses shown beside the signatures of the parties. A party may change its address for notices by giving notice to the other party. Notice may be delivered by personal delivery, facsimile transmission during normal business hours of the recipient, an overnight delivery service, or U.S. mail sent certified with return receipt requested. Notices are effective on the earlier of the date received, the date of the delivery receipt, or the third day after postmark, as applicable.

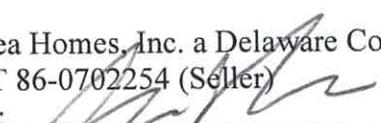
(i) **References.** All references to this document include references to all its amendments. References to a party include, bind, and inure to the benefit of, that party's officers, agents, employees, successors in interest and assignees.

(j) **Governing Law.** This Agreement shall be governed by the laws of the State of California applicable to contracts made by residents of the State of California and to be performed in California.

(k) **Time.** Time is of the essence in the performance of the parties' respective obligations under this Agreement.

(l) **Entire Agreement.** The terms of this Agreement are intended by the parties as a final expression of their agreement with respect to such terms as are included in this Agreement and may not be contradicted by evidence of any prior or contemporaneous agreement. This Agreement specifically supersedes any prior written or oral agreements between the parties. The language in all parts of this Agreement shall be construed as a whole in accordance with its fair meaning and without regard to California Civil Code §1654 or similar statutes.

(m) **Severability.** The provisions of this Agreement are severable, and if one or more provisions should be determined to be judicially unenforceable, in whole or in part, the remaining provisions thereof shall nevertheless be binding and enforceable and the parties shall negotiate in good faith amendments to replace the unenforceable provisions and restore the original purpose and intent of this Agreement.

Shea Homes, Inc. a Delaware Corporation,
FIT 86-0702254 (Seller)
By:  Address: 
Name: James Riela Perry Dellon 24120 Warm Springs Drive
Corona, CA 92883
Title: Assistant Secretary ASST. SECRETARY
MAR 15 2006 MAR 15 2006

SDG Investments, LLC (Buyer)

By:  Address:
Name: Javier S. Vasques 1920 Frontage Road
Corona, Ca 92883
Title: Manager

CONSENT OF ESCROW HOLDER

First American Title Company ("Escrow Company") accepts the foregoing Agreement for Transfer of Sewer and Water Service Connection Rights and Joint Escrow Instructions as escrow instructions, agrees to act as escrow holder and agrees to be bound by their provisions applicable to it as Escrow Holder.

Date: _____

First American Title Company

By: _____

Name: _____

Its: _____

Metropolitan Declares Drought Emergency

Metropolitan Board of Directors calls for increased conservation and expands water efficiency programs

Nov. 9, 2021

With record dry conditions straining Southern California's water supplies, Metropolitan Water District's Board of Directors today [declared a Drought Emergency](#) and called for increased efforts to maximize conservation, especially in communities facing the greatest challenges.

The declaration comes as California grapples with unprecedented conditions on state water resources. Water years 2020 and 2021 were the driest two-year sequence on record for precipitation in the state. And in August, Lake Oroville – the main reservoir on the State Water Project – reached its lowest point ever since being filled in the 1970s.

As part of today's emergency declaration, Metropolitan's board called on its member agencies dependent on state project water to use increased conservation measures or other means to reduce their use of these limited supplies.

To help the region save water, the board also approved a series of measures to expand various rebate and water-efficiency programs.

“We need immediate action to preserve and stretch our limited State Water Project supplies,” board Chairwoman Gloria D. Gray said. “Southern California on average gets about one-third of its water from Northern California via the state project. Next year, we'll be lucky to get a small fraction of that.”

The California Department of Water Resources has indicated its initial SWP allocation next month will be zero. And if drought conditions continue, the state could do something it has never done before – provide only enough water as deemed necessary to protect the health and safety of Californians. Under this never-before-used provision of the SWP contract, the state has indicated it would constrain water deliveries to a level that may prevent any outdoor watering.

“We're reaching uncharted territory here and we need all Southern Californians to be part of the solution,” Metropolitan General Manager Adel Hagekhalil said. “We need everyone to take action to reduce their water use immediately. This drought emergency declaration helps us all move in the same direction.”

While the region's SWP supplies are particularly stressed this year, much of Southern California can turn to the Colorado River, local supplies and Metropolitan's stored water in the Colorado River system. This year, Metropolitan has taken extraordinary actions to preserve SWP supplies by instead delivering Colorado River water to as much of the region as possible. Metropolitan has rehabilitated the Greg Avenue Pump station, allowing Colorado River water to be pumped further west than it ever has before, into the San Fernando Valley and Southern Ventura County. Metropolitan member agencies, including Los Angeles Department of Water and Power, Three Valley Municipal Water District and West Basin Municipal Water District, have [agreed to take deliveries](#) of

Metropolitan’s treated Colorado River water, rather than the untreated water from the SWP they would normally receive. Metropolitan is negotiating similar arrangements with other member agencies.

Still, some areas of Southern California remain dependent on SWP supplies, including some communities in Los Angeles, Ventura and San Bernardino counties served by Los Angeles Department of Water and Power, Calleguas Municipal Water District, Las Virgenes Municipal Water District, Upper San Gabriel Valley Municipal Water District, Three Valleys Municipal Water District, and Inland Empire Utilities Agency.

“Our Colorado River supplies are finite as well – there is a drought on that system, too – so we need everyone to use water wisely. But the urgency now is on the State Water Project. That’s why we’re calling for increased conservation in those dependent areas,” Gray said.

Today’s declaration marks the latest in a series of actions Metropolitan has taken to ramp up conservation in the Southern California. In August, Metropolitan’s board [declared a Water Supply Alert](#) for the region, calling for consumers and businesses to voluntarily reduce their water use and help preserve the region’s storage reserves. Some of Metropolitan’s member agencies have already gone a step further by implementing new mandatory conservation measures or maintaining past ones.

Under the [expanded conservation programs](#) approved today, Metropolitan will provide an additional \$5.5 million to install high-efficiency toilets in older apartment buildings; increase its turf replacement program rebate from \$2 to \$3 a square foot for public agencies that replace grass with more water-efficient landscaping; and provide an additional \$1.5 million for its program to directly install water-efficient devices for income-qualified customers. In addition, the board approved a new [\\$2.6 million grant program](#) to help public agencies detect and repair leaks in their distribution systems.

The Metropolitan Water District of Southern California is a state-established cooperative that, along with its 26 cities and retail suppliers, provide water for 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.



Update on Water Surplus and Drought Management

Water Planning and Stewardship Committee

Item 6a

November 8, 2021

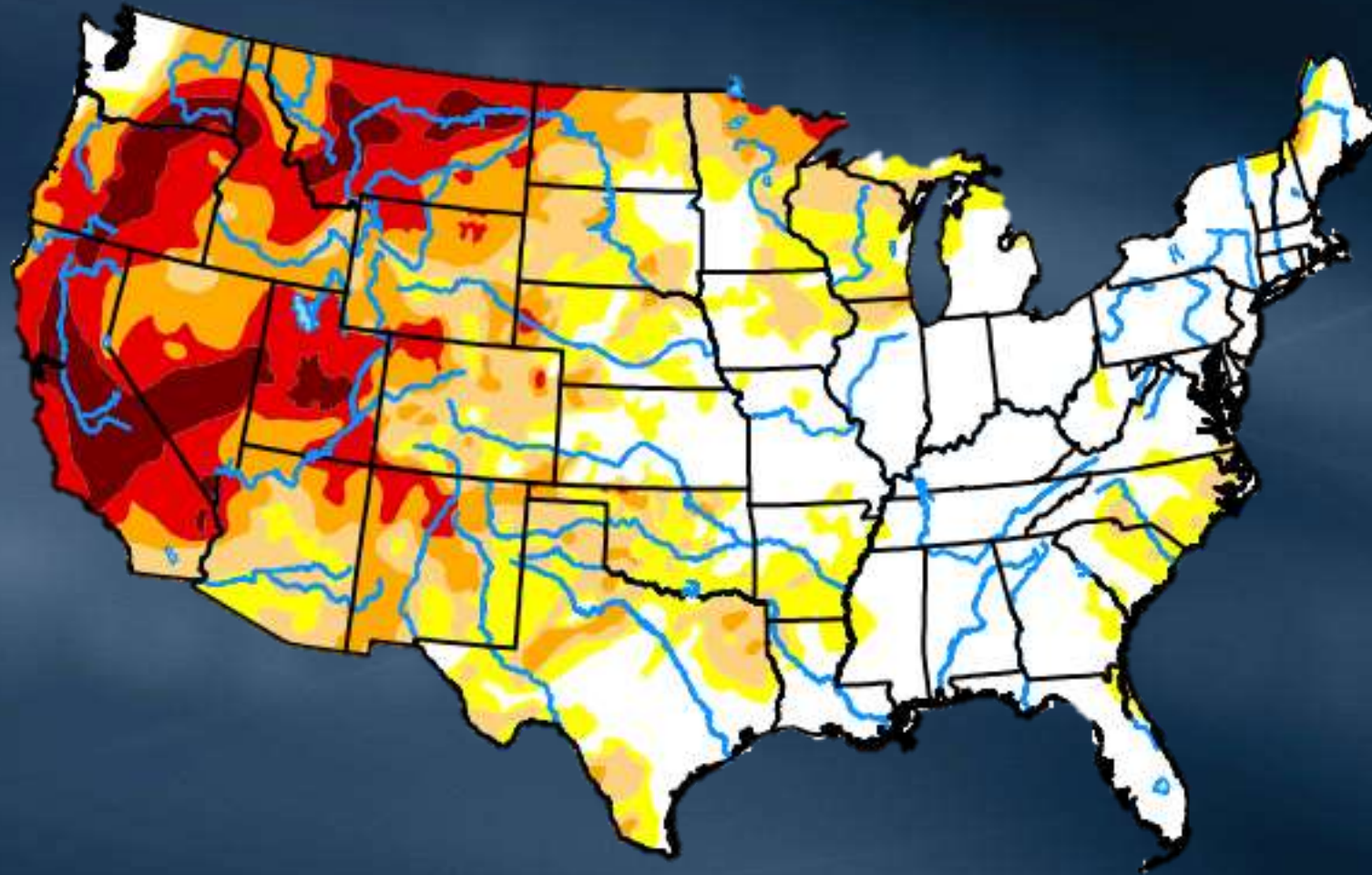
Outline

- Current Conditions
- Outlook for 2022







Governor Newsom Expands Drought Emergency to Include All of California

- Urges Californians to step up their water conservation efforts
- Enables Water Board to ban wasteful water practices like using potable water for:
 - Washing sidewalks
 - Irrigating turf during and within 48 hours after rainfall
 - Filling or topping-off fountains, lakes, or ponds
- Directs local water suppliers to execute their water shortage contingency plans at a level appropriate to local conditions that take into account the possibility of a third consecutive dry year

The Western U.S. Remains Stuck in Drought



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Richard Heim
NCEI/NOAA



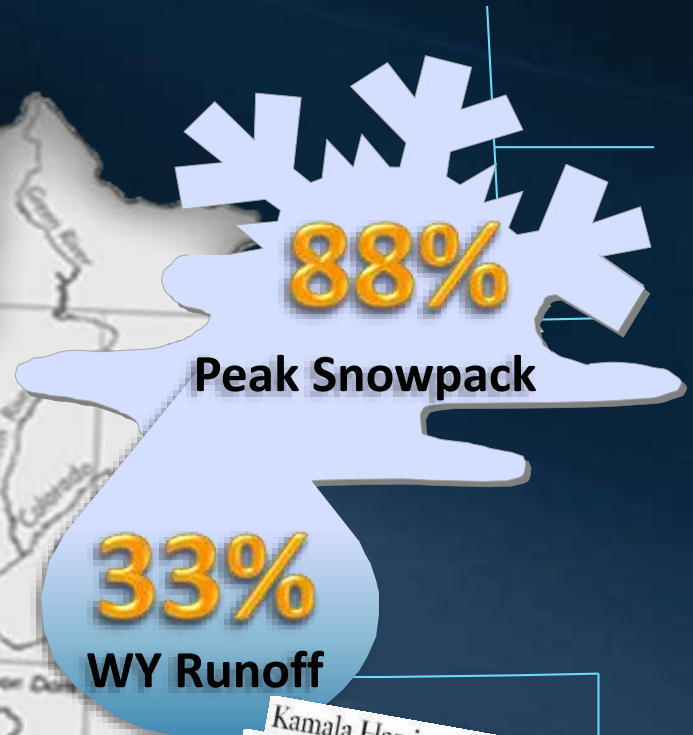
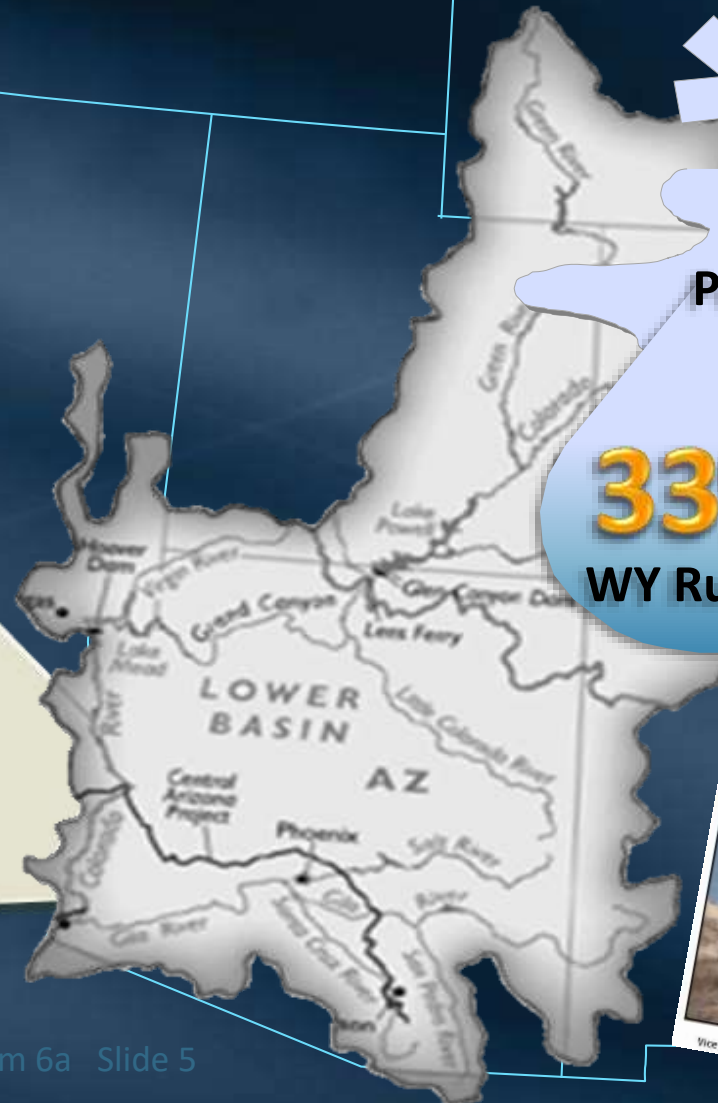
November 2, 2021

(Released Thursday, Nov. 4, 2021)

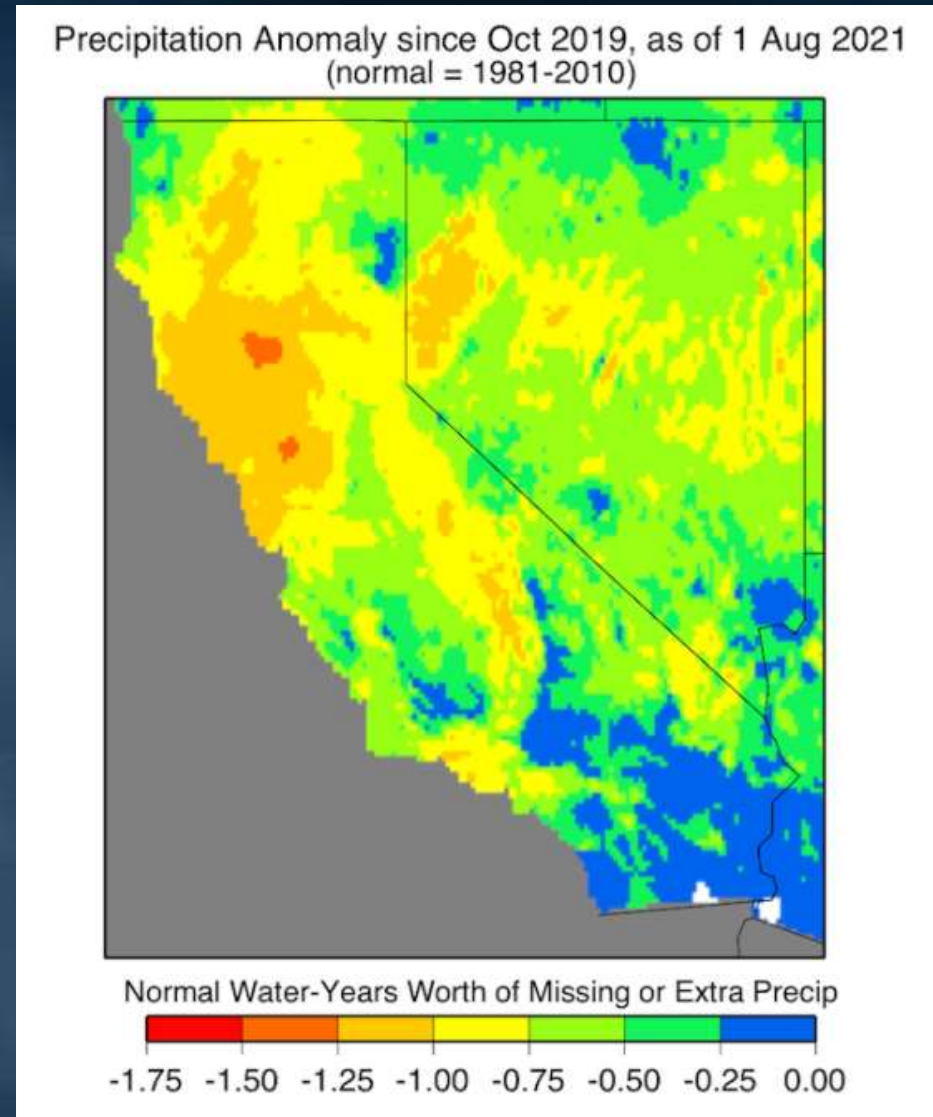
Valid 8 a.m. EDT

droughtmonitor.unl.edu

Hot and Dry Shrank the Runoff

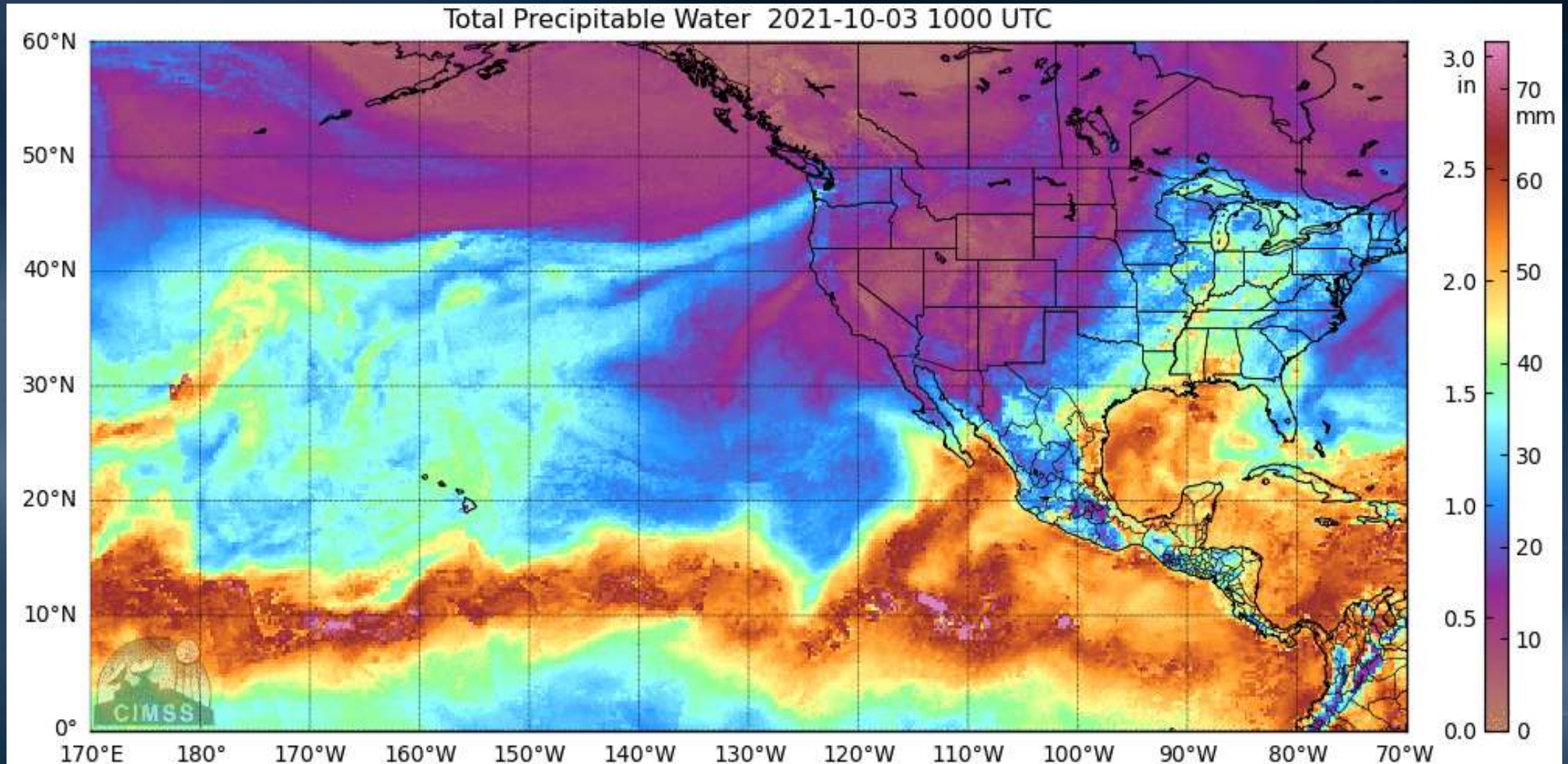


Precipitation Deficits



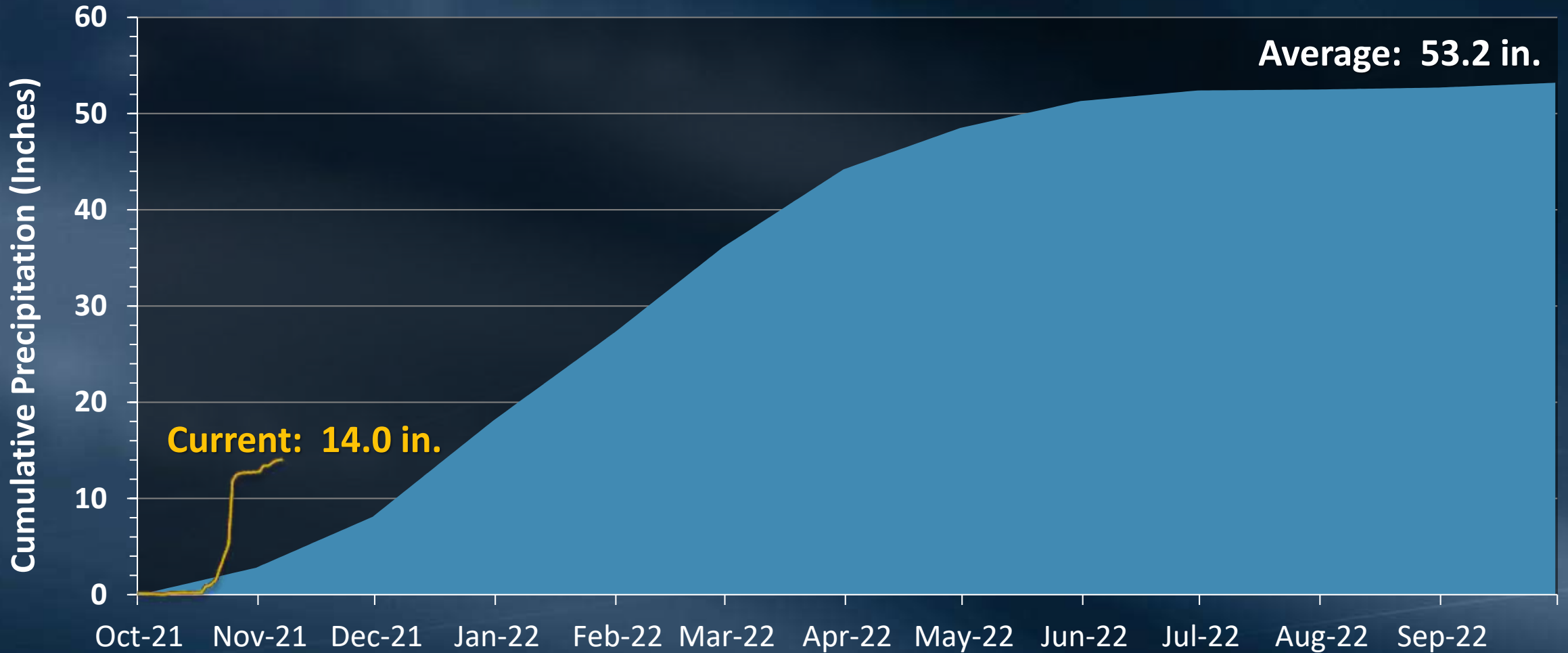
Source: M. Dettinger, CNAP and PPIC

A Good Start to the Water Year...



Northern Sierra Precipitation: 8-Station Index

As of 11/7/2021



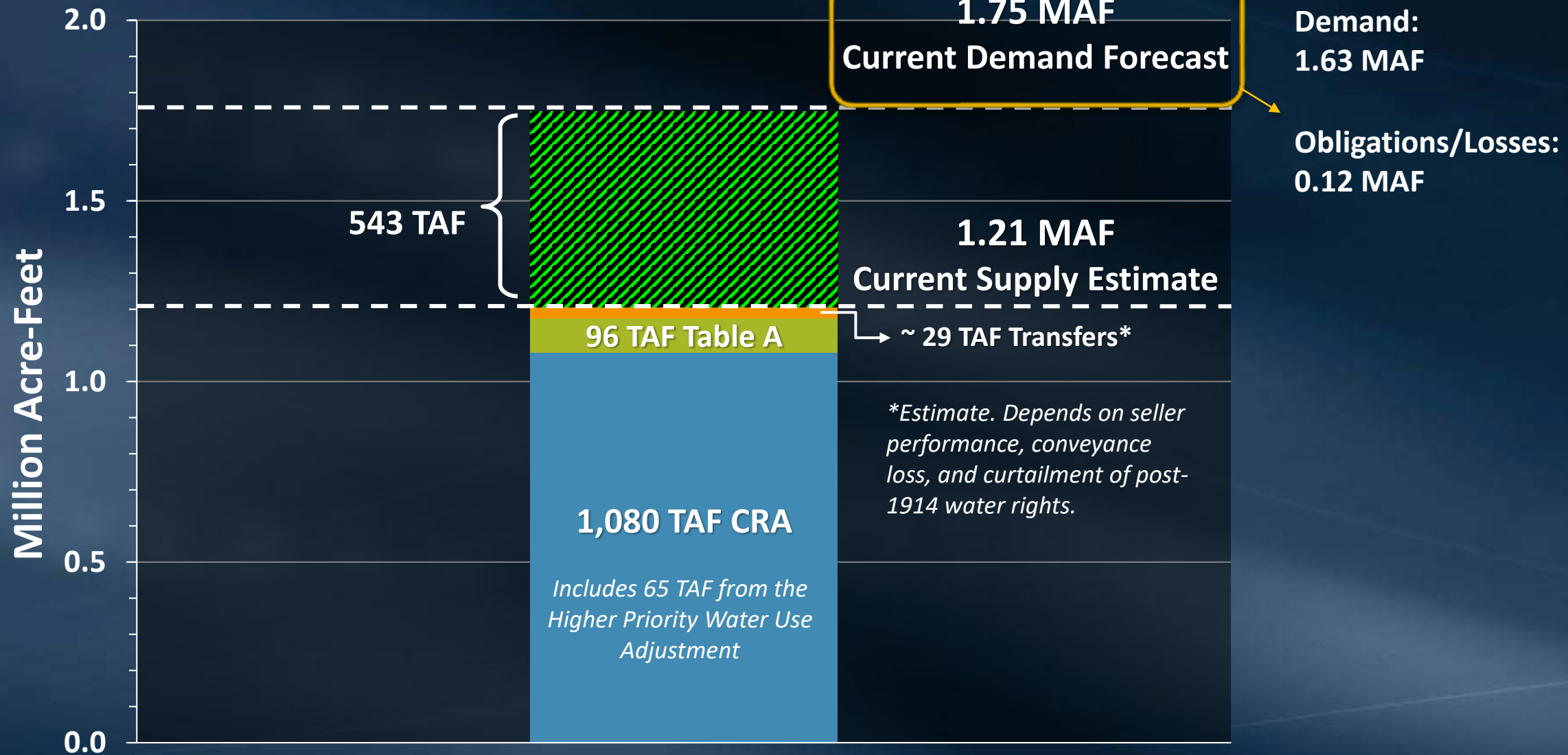
...But More is Needed



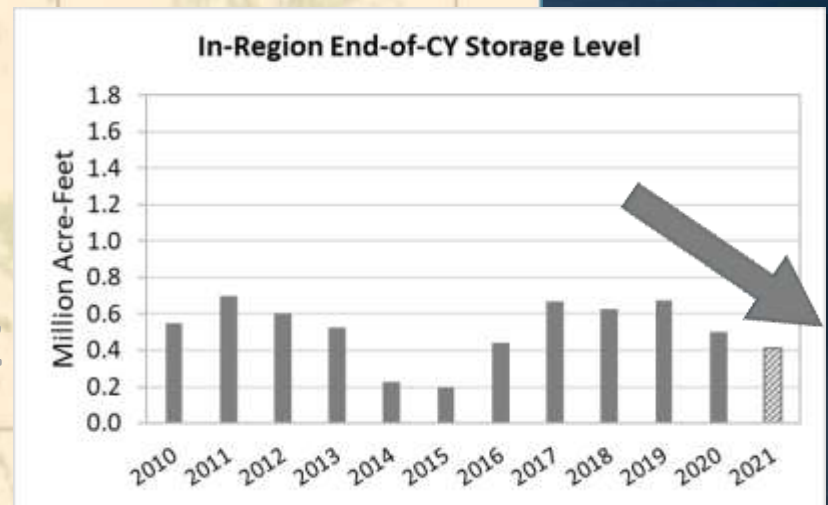
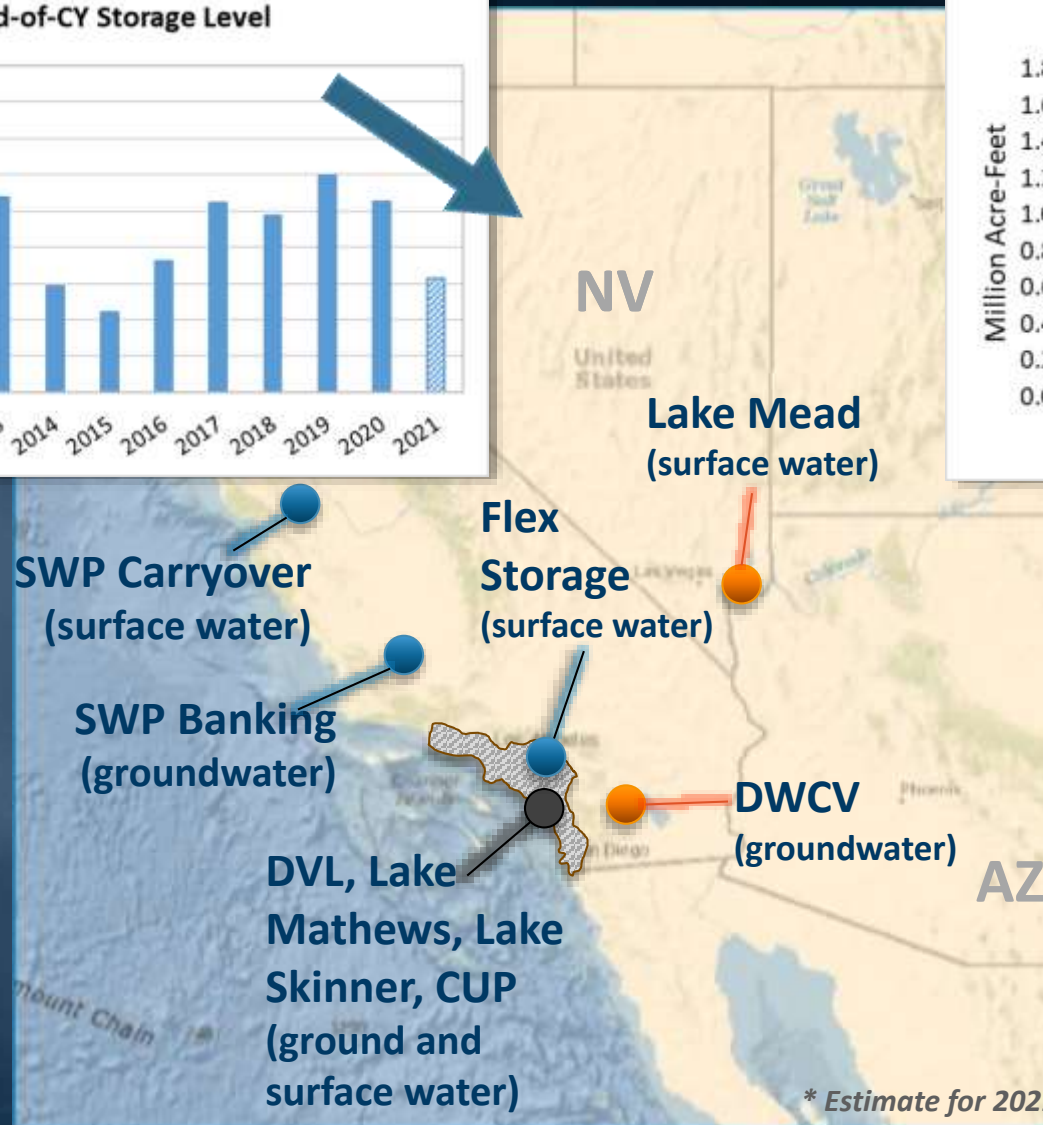
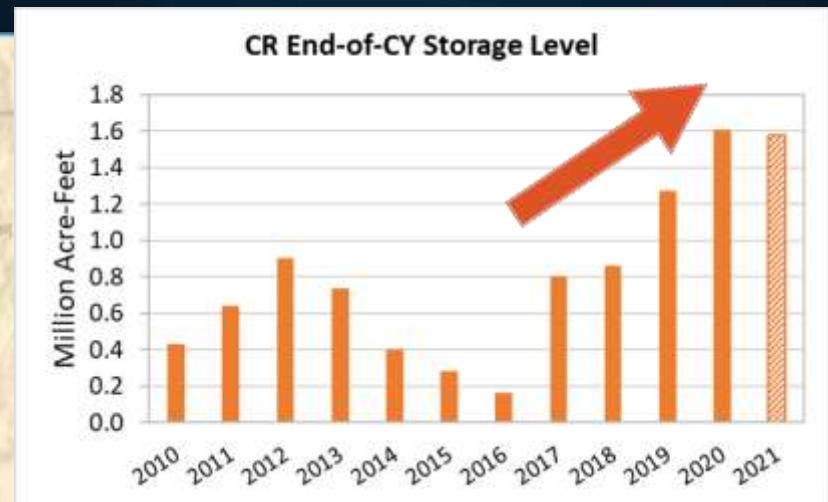
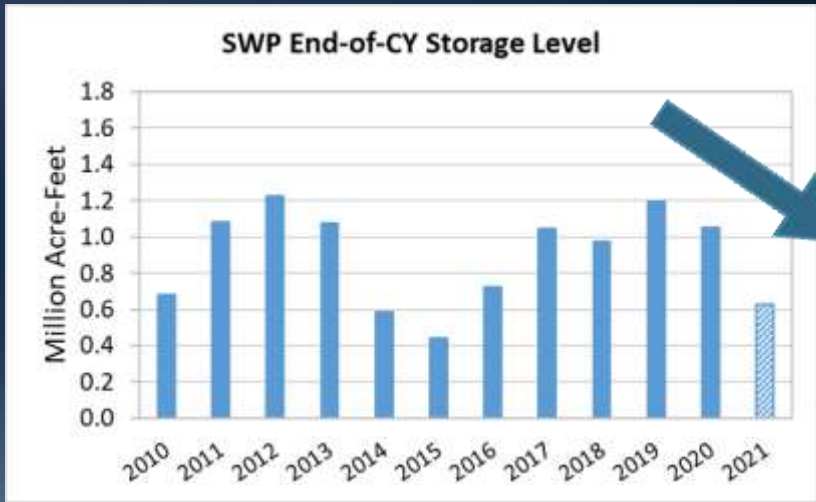
Photos taken Oct. 27, 2021

- Despite gaining ~192 TAF (~32 ft elevation gain), Oroville needs ~604 TAF more before supplies in the reservoir are available towards a SWP allocation

2021 Supply/Demand Balance

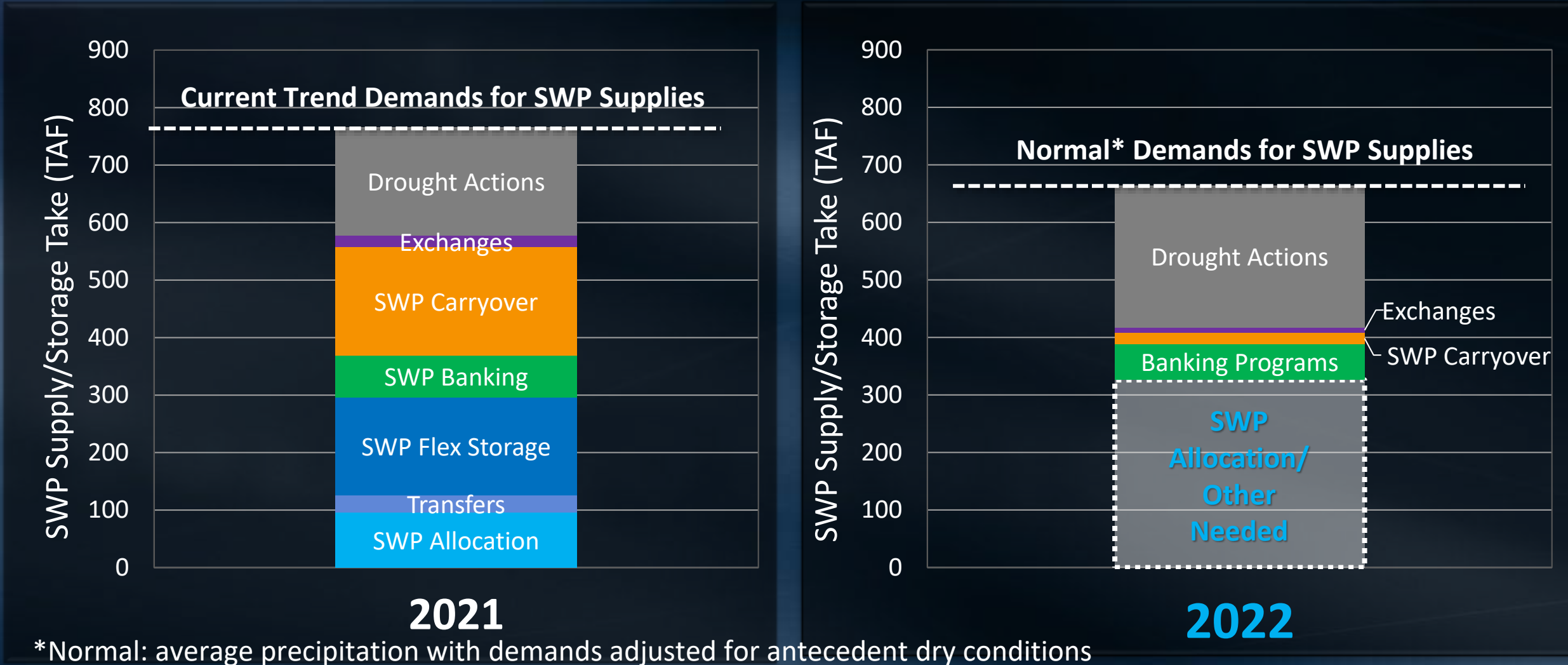


SWP Storage Drafted Since 2019



* Estimate for 2021. Does not include emergency storage.

Plausible Near-Term Planning Scenario for Metropolitan's SWP Dependent Area



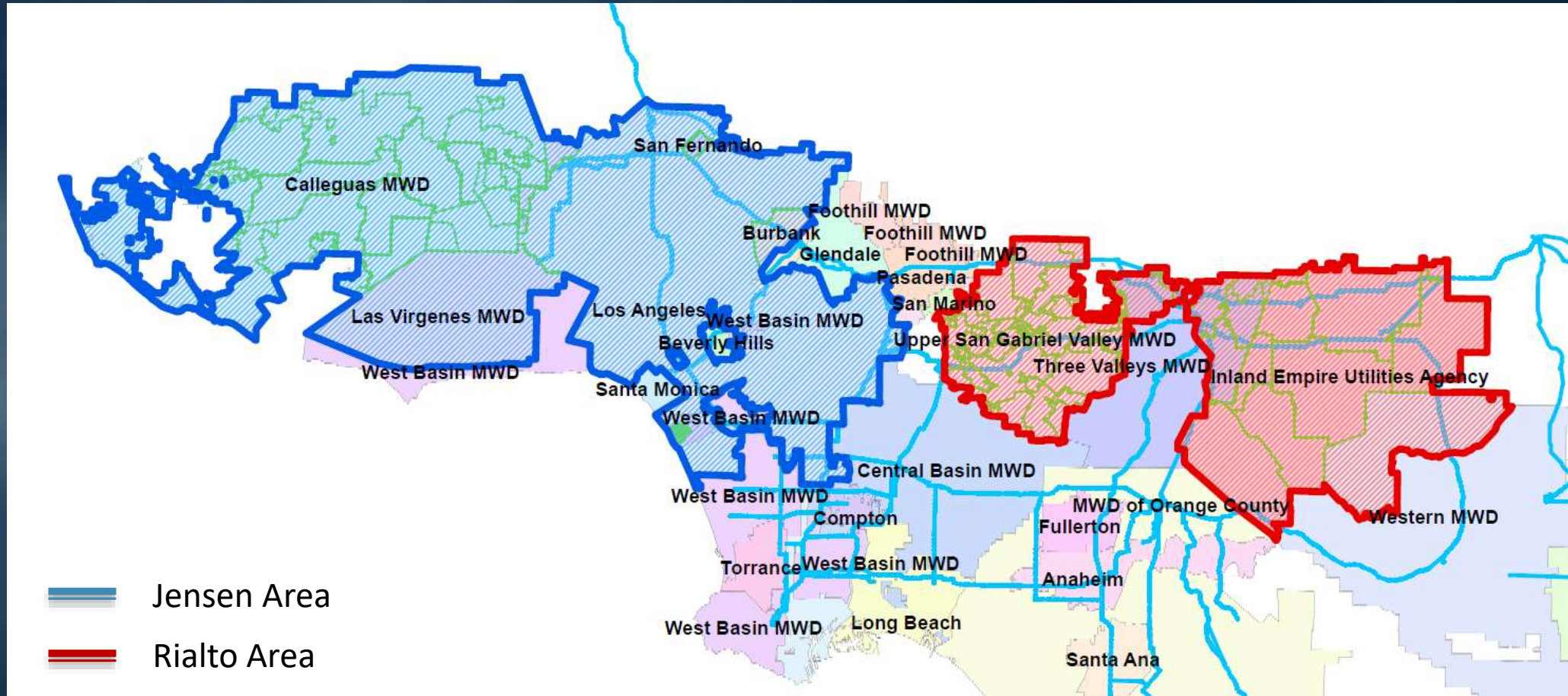
*Normal: average precipitation with demands adjusted for antecedent dry conditions

Outlook for 2022 SWP Table A Allocation

- Anticipating a zero percent initial SWP allocation
- DWR latest study indicates roughly even chance for the SWP final allocation to be 25 percent or greater
- The SWP Dependent areas most vulnerable to low SWP allocations

Reducing demands in the SWP Dependent areas now will preserve SWP supplies and help manage through low SWP allocations next year

Metropolitan Has Assessed Its Health and Safety Needs for the SWP Dependent Areas



Update on DWR's Health and Safety Needs Request

- Metropolitan submitted the assessment for the SWP Dependent areas in October
- Metropolitan's interpretation of this minimum demand includes the following components:



Drinking Water



Sanitation



Fire Suppression



Essential CII
Water Use*



Excludes

Outdoor Watering

- DWR requested SWP contractors to resubmit assessments without essential CII needs
 - **Metropolitan actively promoting need for critical CII**

** Commercial, Industrial, and Institutional*

Additional Actions are Needed

- Severe drought conditions are impacting imported water supplies
- Drought emergency exists in all counties within Metropolitan's service area
- SWP supplies have been curtailed and a zero percent initial allocation is anticipated
- There are insufficient supplies to meet potable demands in the SWP Dependent areas under a zero percent SWP allocation
- Additional actions are needed to manage and preserve SWP supplies

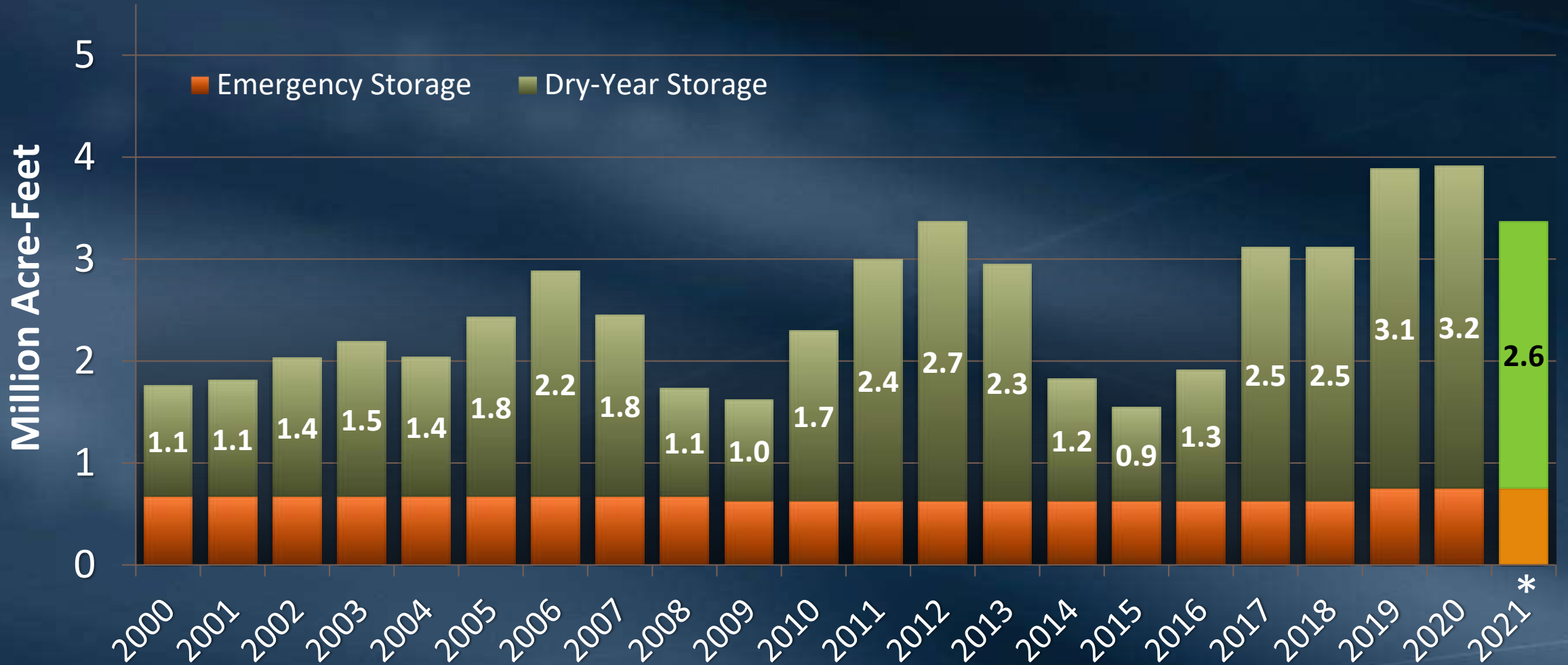
Summary

- Drought emergency now covers all California
- Strong start to the water year but more storms are needed to end the drought
- Roughly even chance for the 2022 SWP final allocation to reach 25 percent or greater
- Metropolitan advocating to DWR for region's health and critical water needs
- Metropolitan is prepared to make calls for additional steps to save water should dry conditions continue through the fall and into next year



Supply/Demand Gap to Be Satisfied With Storage

End of Year Balances



* Estimate – May change based on supply/demand conditions

November 18, 2021

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – October 2021

Dear Board Members:

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

- Managed 285.58 acre-feet of water through system.
- Collected weekly potable water samples as required by the State Water Resources Control Board, Division of Drinking Water. Collected weekly and monthly wastewater samples as required by Regional Water Quality Control Board.
- Submitted monthly SMR to the Regional Water Quality Control Board for: Temescal Valley Wastewater Reclamation Facility.
- Submitted monthly report to the State Water Resources Control Board, Division of Drinking Water for: TVWD distribution system monitoring.
- Meters read 6350.
- 0 shut offs.
- Responded 106 service calls.
- Installed 23 meters for the various developers.
- Responded to 79 USA Dig Alerts to mark District underground utilities.

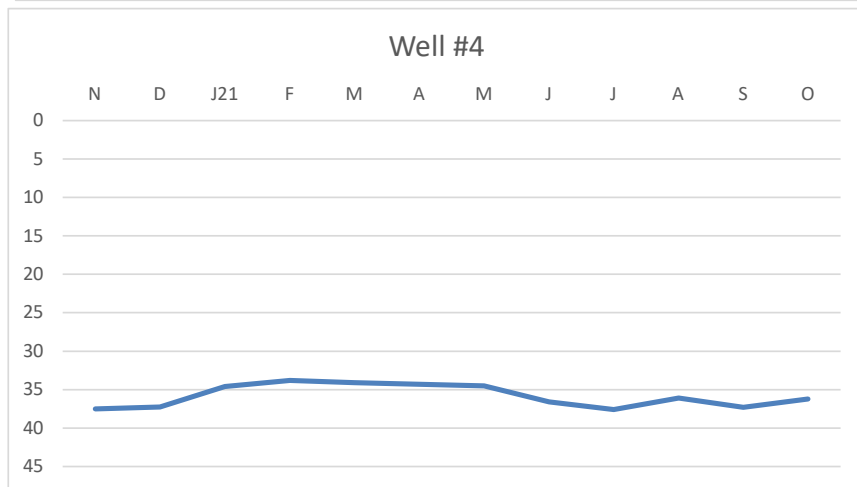
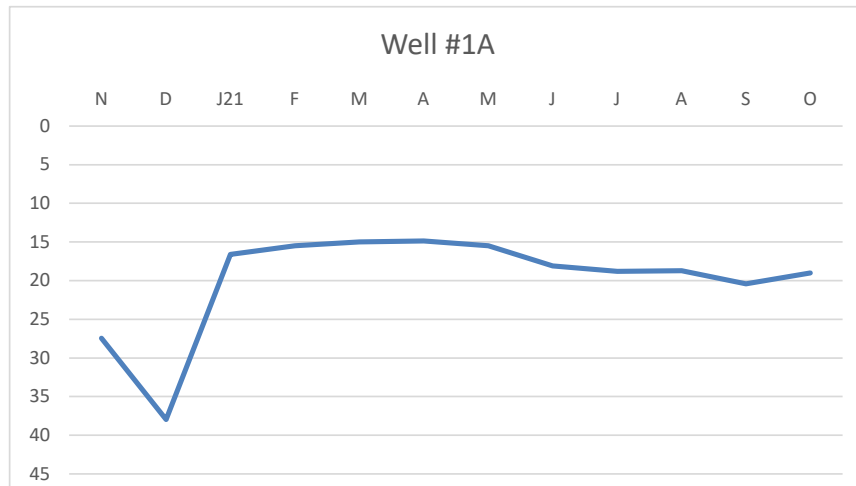
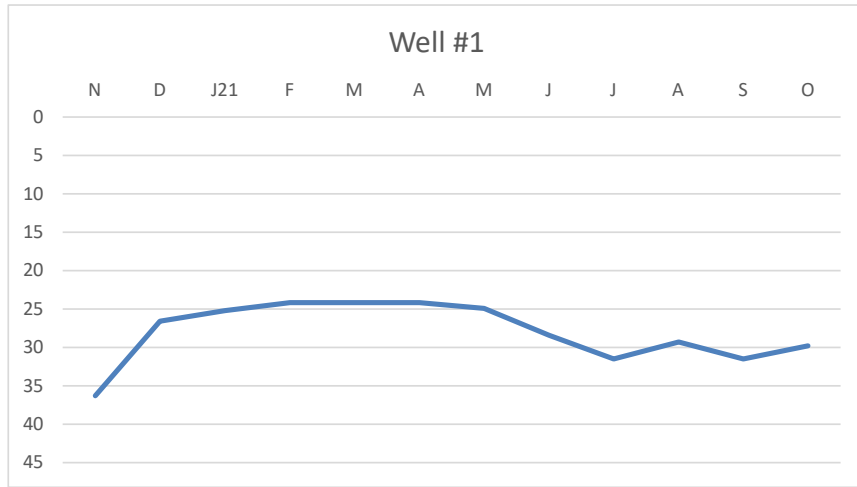
In addition to the above regular and routine tasks we also performed the following operational tasks.

- Operations Staff continues to work with the plant expansion construction crews to facilitate system shutdowns and upgrades on a continual basis.
- 0 loads of biosolids were hauled off this period.

- Percolation Pond #2 floor was ripped to aid filtration this Winter.
- Percolation Ponds 1&2 were sprayed with pre-emergent for weed control.
- Valley Fence came to repair fences at Wildrose Reservoir and Well #4. They also installed a new man gate to Percolation Pond #2.
- Contractor cleaned all District sewer lift station wet wells.

Sincerely,

Paul Bishop, Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: November 17, 2021
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of November 2021

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

PLAN CHECKING & DEVELOPER RELATED PROJECTS

Toscana Village (Speedway Commercial Center): The developer is currently completing potholing of the SAWPA line to confirm locations and elevations. If the installed line is consistent with the as-builts the design will be approved for construction.

Track 37155: Currently reviewing the 2nd plan check of a 79-home development adjacent to the Sycamore Creek community. This is assumed to be the last required plan check for this project.

AS-NEEDED ENGINEERING SERVICES **Status**

General Engineering Initiated During FY 2019/20

Project 1401.2101: As-Needed Potable Water Engineering for FY 2021/22: No Activity this month.
Project 1401.2002: Wastewater Related Services for FY 2020/21: Conducted as-built research for various projects to be designed by other municipalities.
Project 1401.2103: Non-Potable Water Related Services for FY 2020/21: Development of the district engineering report and attendance of the District's board meeting.
Project 1401.2104: Potable to No-Potable Conversion Studies: No activity this month.
Project 1401.2105: Potable Water Studies for FY 2020/21: No activity this month.
Project 1401.2106: Wastewater Studies for FY 2020/21: No activity this month.

CAPITAL IMPROVEMENT PROJECTS **Status**

Project 1401.1810: Dawson Canyon 1320 Potable Water Reservoir Design: Completed the 90% design submittal for the reservoir portion of the project. The preliminary alignment for the

pipeline has been created and easement documents are currently being processed by the landowner for both the pipeline, and the reservoir site.

90% Design Complete

Project 1401.2006: Potable Water Looping Phase 2 Design: The board approved award of the construction contract at the August board meeting. Currently the project is 95% complete with only final paving remaining.

95% of Construction Completed

Project 1401.2008: DWR LAM Validation: Information regarding residential landscape acreage within the District has been submitted to DWR per their requirements. We are currently waiting for the next batch of information to be provided by the DWR for review and corrections.

25% Complete

MEMORANDUM

DATE: November 17, 2021
TO: Board of Directors
Temescal Valley Water District
FROM: District Engineer
SUBJECT: Trilogy Parkway Potable Waterline Project Progress Payment No. 2

BACKGROUND

The District approved award of the Trilogy Parkway Waterline Project to Downing Construction with a contract amount of \$498,412.00.

<u>Project Summary</u>	
Contract	\$498,412.00
Change Orders Approved to Date	\$0.00
Current Contract Amount	\$498,412.00
Earned this Period	\$193,136.00
5% Retention	\$9,656.80
Earned Less Retention	\$183,479.20
Due Contractor	\$183,479.20

RECOMMENDATION

This pay estimate has been reviewed by the field inspector, and reviewed and signed by both the District Engineer and the General Manager It is recommended that the Board of Directors:

1. Authorize the payment of \$193,136.00 which is a current payment of \$183,479.20 to the contract and a retention payment of \$9,656.80 to be retained by the District until the project has been completed.

Respectfully submitted,



Justin Scheidel
District Engineer

Temescal Valley Water District

Project: Trilogy Parkway Potable Waterline Project

DOWNING CONSTRUCTION, INC.'S JOB #2103

PAY ESTIMATE NO. 2

FOR PERIOD BETWEEN 10/11/21 TO 11/10/21

Downing Construction, Inc.

32194 Outer Highway 10 South

Redlands, CA 92373

Phone: (909) 797-7444

Fax: (909) 797-7755

ITEM	QTY	UNIT	DESCRIPTION	BID		THIS ESTIMATE		TOTAL TO DATE	
				UNIT	TOTAL	QTY	TOTAL	QTY	TOTAL
1	1	LS	General Requirements (Not to exceed 5% of Contract) = Summary	\$24,500.00	\$24,500.00	0.00	\$0.00	1.00	\$24,500.00
1A	1	LS	Bonds & Insurance	\$24,000.00	\$24,000.00		\$0.00	1.00	\$24,000.00
1B	1	LS	Procure Business License & Permits	\$500.00	\$500.00		\$0.00	1.00	\$500.00
2	1	LS	Mobilization/Demobilization (Not to exceed 5% of Contract) = Summary	\$24,500.00	\$24,500.00	0.00	\$0.00	0.81	\$19,940.00
2A	1	LS	Mobilization	\$19,940.00	\$19,940.00		\$0.00	1.00	\$19,940.00
2B	1	LS	Dembobilization	\$4,560.00	\$4,560.00		\$0.00	0.00	\$0.00
3	1	LS	Excavation Safety Measures	\$2,000.00	\$2,000.00	0.50	\$1,000.00	1.00	\$2,000.00
4	1	LS	Site Work Including Pavement Restoration = Summary	\$80,000.00	\$80,000.00	0.19	\$15,400.00	0.19	\$15,400.00
4A	8790	SF	Base Paving	\$2.75	\$24,172.50	5600	\$15,400.00	5600.00	\$15,400.00
4B	29268	SF	Asphalt Overlay	\$1.75	\$51,219.00		\$0.00	0.00	\$0.00
4C	1	LS	Striping	\$4,608.50	\$4,608.50		\$0.00	0.00	\$0.00
5	1	LS	Potable Water Pipeline Construction = Summary	\$361,412.00	\$361,412.00	0.48	\$171,736.00	0.98	\$355,412.00
5A	1	LS	Potholing	\$15,000.00	\$15,000.00		\$0.00	1.00	\$15,000.00
5B	1	LS	Delivery of Pipe, Fittings & Appurtenances, plus Unload	\$158,550.00	\$158,550.00		\$0.00	1.00	\$158,550.00
5C	1	LS	Survey	\$6,000.00	\$6,000.00		\$0.00	1.00	\$6,000.00
5D	1	LS	Traffic Control	\$8,252.00	\$8,252.00	0.50	\$4,126.00	1.00	\$8,252.00
5E	2340	LF	12" DR18 CL 150 C900 PVC PIPE INSTALL	\$65.00	\$152,100.00	2340	\$152,100.00	2340.00	\$152,100.00
5F	6	EA	12" RWGV ASSY INSTALL	\$650.00	\$3,900.00	6.00	\$3,900.00	6.00	\$3,900.00
5G	3	EA	4" BLOW OFF ASSY INSTALL	\$2,260.00	\$6,780.00	3.00	\$6,780.00	3.00	\$6,780.00

ITEM	QTY	UNIT	DESCRIPTION	BID		THIS ESTIMATE		TOTAL TO DATE	
				UNIT	TOTAL	QTY	TOTAL	QTY	TOTAL
5H	1	EA	2" AIR VAC ASSY W-6 INSTALL	\$1,610.00	\$1,610.00	1.00	\$1,610.00	1.00	\$1,610.00
5I	2	EA	2" MANUAL AIR VALVE ASSY WA-01 INSTALL	\$1,610.00	\$3,220.00	2.00	\$3,220.00	2.00	\$3,220.00
5J	2	EA	CONNECTIONS = N&S	\$3,000.00	\$6,000.00		\$0.00	0.00	\$0.00
6	1	LS	Testing, Start-up, Commissioning, and Turn-Over	\$5,000.00	\$5,000.00	1.00	\$5,000.00	1.00	\$5,000.00
7	1	LS	As-built, Record Drawings and O&M Manuals	\$500.00	\$500.00		\$0.00	0.00	\$0.00
8	1	LS	All other Work Required to Complete the Project	\$500.00	\$500.00	1.00	\$0.00	1.00	\$0.00
			CONTRACT TOTAL:		\$498,412.00		\$193,136.00		\$422,252.00

Approved by Owner's Representative:

Justin Scheidel 11/17/21
Signature Date

TOTAL COMPLETED TO DATE AND ON HAND \$422,252.00

LESS 5% RETENTION \$21,112.60

NET DUE \$401,139.40

Submitted by Downing Construction, Inc.:

Kevin Ellis 11/10/2021
Signature Date

PAID PREVIOUSLY AND/OR BILLED \$217,660.20

DUE THIS ESTIMATE \$183,479.20

Approved 11/16/21

[Signature]

General manager
TUWD

CONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

NOTICE: THIS DOCUMENT WAIVES THE CLAIMANT'S LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS EFFECTIVE ON RECEIPT OF PAYMENT. A PERSON SHOULD NOT RELY ON THIS DOCUMENT UNLESS SATISFIED THAT THE CLAIMANT HAS RECEIVED PAYMENT.

Identifying Information

Name of Claimant:	Downing Construction, Inc.
Name of Customer:	Temescal Valley Water District
Job Location:	Trilogy Parkway, Corona, CA, Riverside County
Owner:	Temescal Valley Water District
Through Date:	11/10/2021

Conditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job through the Through Date of this document. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. This document is effective only on the claimant's receipt of payment from the financial institution on which the following check is drawn:

Maker of Check:	Temescal Valley Water District
Amount of Check: \$	183,479.20
Check Payable to:	Downing Construction, Inc.

Exceptions

This document does not affect any of the following:

- (1) Retentions.
- (2) Extras for which the claimant has not received payment.
- (3) The following progress payments for which the claimant has previously given a conditional waiver and release but has not received payment:
Date(s) of waiver and release: 10/10/2021
Amount(s) of unpaid progress payment(s): \$ 217,660.20
- (4) Contract rights, including (A) a right based on rescission, abandonment, or breach of contract, and (B) the right to recover compensation for work not compensated by the payment.

Signature

Claimant's Signature:	<i>Michelle LaVanWay</i>
Claimant's Title:	Michelle LaVanWay, Authorized Signer
Date of Signature:	11/10/21