

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
DECEMBER 21, 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 December 18, 2021.

Allison Harnden, Office Manager

**AGENDA FOR REGULAR MEETING
December 21, 2021**

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

BOARD ITEMS:

4. **Minutes of the November 23, 2021 Regular Meeting.** 7-10
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** 11-13
RECOMMENDATION: Approve Report and authorize payment of the November 23-December 21, 2021 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** 14-31
 - 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.

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f. Resolution No. R-21-21 Adopting the 2020 Urban Water Management Plan. RECOMMENDTION: Adopt Resolution No. R-21-21.	54-58
g. Resolution No. R-21-22 Adopting the Water Shortage Contingency Plan. RECOMMENDTION: Adopt Resolution No. R-21-22.	59-63
8. Draft Audited Annual Financial Report FY 20/21 – For review only.	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. Community Facilities District No. 4 (Terramor) (the “CFD”) Authorizing the Distribution of the Acquisition and Construction Fund from the Net Proceeds of the Special Tax Bonds, Series 2021 (Bond Issuance No. 2) (the “Bonds”). RECOMMENDATION: Approve the funding of the Reimbursement Requests listed for a total of \$11,993,222.11 and the Hold Back for the WRF in the amount of \$2,000,000.00 for a total of \$13,993,222.11 and authorize the General Manager to direct the payment through the Trustee.	64-114
c. 1443 homes to be built. 852 houses occupied to date. 59% complete.	
12. Kiley Property Development.	(-)
a. Project Update.	
b. 84 homes to be built. 0 houses occupied to date.	

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13. Water Utilization Reports. RECOMMENDATION: Note and file.	115-126
14. Sustainable Groundwater Management Act. a. Project Update.	(-)
15. Committee Reports. a. Finance/Legislation (Director Rodriguez). b. Engineering/Operations (Director Myers). c. Public Relations (Allison Harnden).	(-) (-) (-)
16. General Manager's Report. a. General Manager's Report. b. Pacific Hydrotech Corporation Payment Request #25. RECOMMENDATION: Authorize the payment of \$79,848.99 to Pacific Hydrotech as well as a retention payment of \$4,202.58 to be deposited into an Escrow Account for a total of \$84,051.57.	127-128 129-144
17. Operations Report. a. Water and Sewer Operations.	145-147
18. District Engineer's Report. a. Status of Projects. b. Trilogy Parkway Potable Waterline Project Progress Payment #3. RECOMMENDATION: Authorize the payment of \$67,498.93 to Downing Construction as well as a retention payment of \$3,552.57 to be held by the District for a total of \$71,051.50.	148-149 150-155
19. District Counsel's Report.	(-)
20. Seminars/Workshops.	(-)

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|--|------------|
| 21. Consideration of Correspondence. | 156 |
| An informational package containing copies of all pertinent correspondence for the Month of November will be distributed to each Director along with the Agenda. | |
| 22. Adjournment. | (-) |

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

November 23, 2021

PRESENT

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

ABSENT

GUESTS

T. Davis
J. Sincich
H. Isaac

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.

BOARD ITEMS:

4. Minutes of the October 26, 2021 Regular Meeting.

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

5. Payment Authorization Report.

ACTION: Director Rodriguez moved to approve the October 26-November 23, 2021 invoices. Director Harich seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: Note and file.

7. Urban Water Management Plan.

a. Open Public Hearing.

b. Public Comment.

- c. Discussion on Urban Water Management Plan.
 - d. Close Public Hearing.
 - e. Resolution No. R-21-20 Adopting an Addendum to the 2015 Urban Water Management Plan.
ACTION: Item tabled until the December 21, 2021 Board Meeting.
 - f. Resolution No. R-21-21 Adopting the 2020 Urban Water Management Plan.
ACTION: Item was tabled until the December 21, 2021 Board Meeting.
 - g. Resolution No. R-21-22 Adopting the Water Shortage Contingency Plan.
ACTION: Item was tabled until the December 21, 2021 Board Meeting.
- 8. TVWD Five Year Financial Plan by IB Consulting.**
- 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. 79 houses to be built. 0 houses occupied to date.
- 13. Water Utilization Reports.**
ACTION: Note and file.
- 14. Sustainable Groundwater Management Act.**
- a. Project Update.

15. Committee Reports.

- a. Finance/Legislative (Director Rodriguez).
 1. Finance Committee Meeting Agenda 11/16/21.
- b. Engineering/Operations (Director Myers).
- c. Public Relations (Allison Harnden).

16. General Manager's Report.

- a. General Manager's Report – The General Manager reported on current projects.
- b. Pacific Hydrotech Corporation Payment Request #24.
ACTION: Director Myers moved to 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. Director Butler seconded. Motion carried unanimously.
- c. TVWD JCFA with the Community Facilities District No. 21-1 of the Corona-Norco Unified School District.
ACTION: Director Rodriguez moved to approve the Agreement and authorize the General Manager to execute it on behalf of TVWD. Director Myers seconded. Motion carried unanimously.
- d. SDG Investments, LLC transfer of owned EDUs from APN 283-110-064 to Leinen Family Trust APN 283-120-019.
ACTION: Director Rodriguez moved to authorize the transfer of EDUs from SDG Investments to Leinen Family Trust. Director Myers seconded. Motion carried unanimously.
- e. Western Municipal Water District water supply update.

17. Operations Report.

- a. Water and sewer operations.

18. District Engineer's Report.

- a. Status of Projects.
- b. Trilogy Parkway Potable Waterline Project Progress Payment #2.
ACTION: Director Myers moved to 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. Director Butler seconded. Motion carried unanimously.

19. District Counsel’s Report – None.

20. Seminars/Workshops.

21. Consideration of Correspondence.

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

22. Adjournment.

There being no further business, the November 23, 2021 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 11:30 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
Payment Authorization Report
December 21, 2021

Check #	Date	Payee ID	Payee	Amount
26308	11/24/21	DOW	DOWNING CONSTRUCTION, INC.(REPLC CK 26172)	\$ 217,660.20
26309	11/24/21	DOW	DOWNING CONSTRUCTION, INC.	183,479.20
26310-26318	11/24/21		VOID	-
26319	11/26/21	AD	VOID	-
26320	11/26/21	BE	PAYROLL	-
26321	11/26/21	CG	PAYROLL	-
26322	11/26/21	CO	C. COLLADAY-BRD MTG	350.35
26323	11/26/21	DB	PAYROLL	-
26324	11/26/21	DH	DAVID HARICH-BRD MTG	295.65
26325	11/26/21	FM	FRED MYERS-BRD MTG	295.65
26326	11/26/21	JB	JOHN BUTLER-BRD MTG	295.65
26327	11/26/21	JH	PAYROLL	-
26328	11/26/21	KN	PAYROLL	-
26329	11/26/21	LK	PAYROLL	-
26330	11/26/21	MM	PAYROLL	-
26331	11/26/21	PB	PAYROLL	-
26332	11/26/21	RO	PAUL RODRIGUEZ-BRD MTG	295.65
26333	12/2/21	JT	JUAN TORRES-TRK MAINT	90.00
26334	12/2/21	RO	PAUL RODRIGUEZ-REIMB CONFERENCE EXP	746.48
26335	12/10/21	AD	PAYROLL	-
26336	12/10/21	BE	PAYROLL	-
26337	12/10/21	CG	PAYROLL	-
26338	12/10/21	CL	PAYROLL	-
26339	12/10/21	DB	PAYROLL	-
26340	12/10/21	JH	VOID	-
26341	12/10/21	KN	PAYROLL	-
26342	12/10/21	LK	PAYROLL	-
26343	12/10/21	MM	PAYROLL	-
26344	12/10/21	PB	PAYROLL	-
26345	12/10/21	JH	PAYROLL	-
26346	12/10/21	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	6,007.80
26347	12/10/21	AGSI	AUTOMATED GATE SERVICES INC	169.00
26348	12/10/21	BLIC	BENEFICIAL LIFE INS COMPANY	759.54
26349	12/10/21	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	4,873.09
26350	12/10/21	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00

TEMESCAL VALLEY WATER DISTRICT
Payment Authorization Report
December 21, 2021

Check #	Date	Payee ID	Payee	Amount	
26351	12/10/21	CHAC	CALIFORNIA HIGHWAY ADOPTION CO.	315.00	
26352	12/10/21	CL01	CLAYSON, BAINER & SAUNDERS	4,000.00	
26353	12/10/21	CMS	CMS MEDICARE INSURANCE	693.30	
26354	12/10/21	DSC	DATABASE SYSTEMS CORP.	323.59	
26355	12/10/21	FE01	FEDERAL EXPRESS	34.64	
26356	12/10/21	ICL	IB CONSULTING, LLC	7,800.00	CAP-RATE STUDY/TWC ANALYSIS
26357	12/10/21	JD01	JIM DORSEY	97.89	
26358	12/10/21	MCCO	MUROW CM	6,795.00	CAP-PLT EXP CM
26359	12/10/21	PLIC	PROTECTIVE LIFE INSURANCE COMPANY	117.60	
26360	12/10/21	PLM01	PARRA LANDSCAPE MAINTENANCE	1,300.00	
26361	12/10/21	RMAG	RMA GROUP	946.12	
26362	12/10/21	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	1,165.48	
26363	12/10/21	SEMA	SEMA INC.	975.70	
26364	12/10/21	SWRCB	STATE WATER RESOURCES CONTROL BOARD	90.00	
26365	12/10/21	TWC	SPECTRUM BUSINESS	1,269.53	
26366	12/10/21	UN01	UNDERGROUND SERVICE ALERT	88.19	
26367	12/10/21	WA01	WASTE MANAGEMENT - INLAND EMPIRE	1,153.59	
26368	12/10/21	WE01	WESTERN MUNICIPAL WATER DISTR.	14,260.83	
26369	12/10/21	SO03	SOUTHERN CALIF EDISON CO.	58,955.26	2 MO PLT ONLY
26370	12/10/21	WE01	VOID	-	
26371	12/10/21	USB01	US BANK GOVERNMENT SERVICES	3,188.27	
26372	12/7/21		UNITEDHEALTHCARE	173.66	
26373	12/10/21	FI01	FIDELITY INVESTMENTS	800.00	
26374	12/10/21	FI01	FIDELITY INVESTMENTS	800.00	
26375	12/10/21	FI01	FIDELITY INVESTMENTS	1,060.80	
26376	12/10/21	FI01	FIDELITY INVESTMENTS	257.74	
26377	12/10/21	FI01	FIDELITY INVESTMENTS	800.00	
26378	12/11/21	CG	PAYROLL	-	
26379	12/11/21	SD01	STARR DESIGN	3,311.09	
26380	12/11/21	ATT01	AT&T	669.41	
26381	12/11/21	BA01	BABCOCK LABORATORIES, INC	2,853.90	
26382	12/11/21	CESI	CENTERE ELECTRIC SERVICES INC.	1,865.00	
26383	12/11/21	CM01	CORE & MAIN	849.80	
26384	12/11/21	CUM	CUMMINS SALES AND SERVICE	950.32	
26385	12/11/21	DU01	DUDEK & ASSOCIATES-CONT MGT	20,727.00	

TEMESCAL VALLEY WATER DISTRICT
 Payment Authorization Report
 December 21, 2021

Check #	Date	Payee ID	Payee	Amount
26386	12/11/21	DU03	DUDEK & ASSOCIATES-PASS THRU	3,854.50
26387	12/11/21	DU04	DUDEK & ASSOCIATES-ENG	4,992.76
26388	12/11/21	HO01	HOME DEPOT CREDIT SERVICES	453.16
26389	12/11/21	MTM	MASTER TECH MECHANICAL	745.00
26390	12/11/21	MU01	WILLDAN FINANCIAL SERVICES	950.00
26391	12/11/21	NC	NORTHSTAR CHEMICAL	4,450.66
26392	12/11/21	PLM01	PARRA LANDSCAPE MAINTENANCE	3,289.37
26393	12/11/21	SCNG	SOUTHERN CALIFORNIA NEWS GROUP	956.00
26394	12/11/21	ST01	STAPLES CREDIT PLAN	359.67
26395	12/11/21	ST02	STATE COMPENSATION INSUR.FUND	1,978.16
26396	12/11/21	UBB	USA BLUEBOOK	565.20
26397	12/11/21	XI	XALOGY INC	12,926.31
				CAP- UPDATE OPER COMP
Total				<u>\$ 590,527.76</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 12/21/21

TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
30-Nov-21

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			12,432,066
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,925,897
Water & Sewer Mains			30,919,602
General Equipment Sewer/Water/ Furniture			1,597,984
Buildings & Entrance Improvements			266,143
		<u>\$</u>	<u>68,547,450</u>
Current Assets			
Cash - Wastewater	\$ 5,744,435		
Cash - Water		16,019,954	
Cash - ID #1		598,457	
Cash - ID #2		309,135	
Cash - Nonpotable		5,902,840	
Cash - Deposits		<u>2,677,012</u>	31,251,832
Accounts Receivable-Services/Developers			1,403,874
Assessment Receivable			227,642
Interest Receivable			4,207
Prepaid Expenses			28,828
Inventory			<u>73,005</u>
		<u>\$</u>	<u>32,989,388</u>
Other Assets			
Work-in-Process			8,295,267
Deferred Outflows - Pension			164,014
TOTAL ASSETS		<u>\$</u>	<u>109,996,120</u>

LIABILITIES

Current Liabilities			
Accounts Payable		\$	417,134
Security Deposits			237,585
Payroll & Payroll Taxes Payable			92,072
Capacity & Meter Deposits			1,458,113
Fiduciary Payments Payable			601,573
Developer Deposits			366,663
Other Deposits			<u>13,077</u>
			3,186,218
Long-term Liabilities			
TVRP Note			497,485
Deferred Inflows - Pension			141,677
TOTAL LIABILITIES		<u>\$</u>	<u>3,825,380</u>

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			37,285,325
Water Fund Balance			52,325,787
ID #1 Fund Balance			647,262
ID #2 Fund Balance			559,446
Recycled Water Fund Balance			<u>15,352,920</u>
TOTAL FUND EQUITY		<u>\$</u>	<u>106,170,740</u>
TOTAL LIABILITIES & FUND EQUITY		<u>\$</u>	<u>109,996,120</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	241,564	227,000	14,564	1,209,061	1,135,000	74,061	\$ 2,725,000	(1,515,939)
MONTHLY SERVICE CHARGE-ID #1	11,764	11,764	-	58,820	58,820	-	145,000	(86,180)
MONTHLY SERVICE CHARGE-ID #2	13,307	13,307	-	66,535	66,535	-	164,000	(97,465)
MONTHLY SEWER SERVICE CHG-R COM	12,055	12,800	(745)	60,669	64,100	(3,431)	154,000	(93,331)
MISC UTILITY CHARGES/ REVENUE	461	100	361	533	500	33	1,000	(467)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	-	1,700	(1,700)	-	8,500	(8,500)	20,000	(20,000)
TOTAL WASTEWATER REVENUE	279,151	266,671	12,480	1,395,618	1,333,455	62,163	3,349,000	(1,953,382)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	10,648	14,100	(3,452)	58,333	77,500	(19,167)	183,200	(124,867)
WAGES EXPENSE-INSPECTION	2,783	2,700	83	15,249	14,800	449	35,000	(19,751)
PAYROLL TAXES EXP	165	320	(155)	1,352	1,755	(403)	4,100	(2,748)
EMPLOYEE BENEFITS-INS	1,905	2,100	(195)	9,582	10,500	(918)	24,480	(14,898)
EMPLOYEE BENEFITS-RETIREMENT	2,793	2,550	243	12,413	12,750	(337)	30,500	(18,087)
OVERTIME OPERATION EXP	1,071	2,600	(1,529)	7,635	14,100	(6,465)	33,200	(25,565)
OVERTIME INSPECTION EXP	783	300	483	3,142	1,650	1,492	4,000	(858)
MILEAGE EXP	67	250	(183)	1,415	1,250	165	3,000	(1,585)
VACATION EXP	929	930	(1)	4,645	4,650	(5)	11,150	(6,505)
SCADA SYSTEM STANDBY EXP	288	350	(62)	1,440	1,750	(310)	4,160	(2,720)
SCADA SYSTEM ADMIN/MAINT	-	1,700	(1,700)	1,502	8,500	(6,998)	20,000	(18,498)
LABORATORY TESTING COSTS	-	1,950	(1,950)	4,553	9,750	(5,197)	23,000	(18,447)
SLUDGE DISPOSAL/PUMPING COSTS	552	8,300	(7,748)	17,384	41,500	(24,116)	100,000	(82,616)
SLUDGE DISPOSAL BAG EXP	-	25,000	(25,000)	-	25,000	(25,000)	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	5,000	(5,000)	11,799	25,000	(13,201)	60,000	(48,201)
EQUIPMENT RENTAL COSTS	-	200	(200)	-	1,000	(1,000)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT	2,935	21,000	(18,065)	89,899	105,000	(15,101)	250,000	(160,101)
SEWER LINE REPAIRS	-	1,000	(1,000)	-	5,000	(5,000)	11,000	(11,000)
SEWER CLEANING AND VIDEO EXP	-	2,500	(2,500)	8,062	12,500	(4,438)	30,000	(21,938)
SECURITY AND ALARM EXP	-	250	(250)	641	1,250	(609)	3,000	(2,359)
PROPERTY MAINTENANCE	1,469	3,500	(2,031)	18,275	17,500	775	40,000	(21,725)
ENGINEERING/ADMIN. STUDIES	-	2,000	(2,000)	841	10,000	(9,159)	25,000	(24,159)
PLAN CHECK EXPENSE (TVWD)	-	1,000	(1,000)	-	5,000	(5,000)	10,000	(10,000)
ENERGY COSTS (EST)	33,200	23,000	10,200	117,413	115,000	2,413	277,000	(159,587)
CONSUMABLE SUPPLIES & CLEANING	181	1,000	(819)	2,283	5,000	(2,717)	10,000	(7,717)
CHEMICALS, LUBRICANTS & FUELS	18,835	13,750	5,085	60,029	68,750	(8,721)	165,000	(104,971)
SMALL EQUIPMENT & TOOLS COST	99	1,600	(1,501)	2,221	8,000	(5,779)	20,000	(17,779)
PERMITS, FEES & TAXES (WTR BRD FEE)	466	6,000	(5,534)	4,704	30,000	(25,296)	40,000	(35,296)
SAWPA BASIN MONITORING EXP	-	-	-	28,818	25,000	3,818	25,000	3,818
MAP UPDATING/GIS EXP	-	200	(200)	-	1,000	(1,000)	2,000	(2,000)
MISC. OPERATING EXP	-	100	(100)	-	500	(500)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	2,000	(2,000)
CONTINGENCIES	-	5,250	(5,250)	-	26,250	(26,250)	62,800	(62,800)
TOTAL OPERATING EXPENSES	79,169	150,500	(71,331)	483,630	687,205	(203,575)	1,536,590	(1,052,960)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	8,247	8,700	(453)	43,512	43,500	12	104,250	(60,738)
GENERAL ENGINEERING EXP	-	1,700	(1,700)	7,381	8,500	(1,119)	20,000	(12,619)
EMPLOYEE BENEFITS-INS	1,697	1,850	(153)	8,499	9,250	(751)	22,100	(13,601)
EMPLOYEE BENEFITS-RETIREMENT	2,477	2,200	277	10,695	11,200	(505)	28,800	(18,105)
WAGES EXPENSE	9,969	14,400	(4,431)	59,509	79,200	(19,691)	187,000	(127,491)
VACATION EXP	1,074	1,100	(26)	5,064	5,500	(436)	12,885	(7,821)
PAYROLL TAX EXPENSES	263	230	33	1,993	1,270	723	2,900	(907)
OVERTIME EXP	266	100	166	1,065	500	565	2,000	(935)
MILEAGE EXP ADMIN	-	20	(20)	-	100	(100)	250	(250)
CONTRACT STAFFING EXP	-	300	(300)	-	1,500	(1,500)	4,000	(4,000)
LEGAL EXPENSES	1,600	800	800	5,362	4,000	1,362	10,000	(4,638)
AUDIT EXPENSES	-	6,000	(6,000)	-	6,000	(6,000)	6,000	(6,000)
BOARD COMMITTEE MEETING EXP.	2,595	1,200	1,395	6,135	6,000	135	14,400	(8,265)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	8,400	(8,400)
COMPUTER SYSTEM ADMIN	2,081	2,500	(419)	11,686	12,500	(814)	30,000	(18,314)
BANK CHARGES EXP	3,166	3,000	166	15,236	15,000	236	35,000	(19,764)
MISCELLANEOUS & EDUCATION EXP	-	250	(250)	150	1,250	(1,100)	3,000	(2,850)
TELEPHONE, FAX & CELL EXP	1,026	1,250	(224)	6,373	6,250	123	15,000	(8,627)
OFFICE SUPPLIES EXP	1,267	1,250	17	5,920	6,250	(330)	15,000	(9,080)
PRINTING EXPENSES	1,454	1,000	454	3,024	5,000	(1,976)	12,000	(8,976)
POSTAGE & DELIVERY EXPENSE	935	1,000	(65)	4,790	5,000	(210)	12,000	(7,210)
PUBLICATIONS, NOTICES & DUES	-	200	(200)	(93)	1,000	(1,093)	2,000	(2,093)
EQUIPMENT LEASE EXPENSES	-	700	(700)	2,763	3,500	(737)	8,000	(5,237)
INSURANCE EXPENSES	2,435	2,600	(165)	9,641	13,000	(3,359)	31,200	(21,559)
ANNUAL ASSESSMENT EXP	-	-	-	1,436	3,500	(2,064)	3,500	(2,064)
COMMUNITY OUTREACH EXP	158	-	158	1,103	-	1,103	8,000	(6,897)
INVESTMENT EXP	400	400	-	1,600	2,000	(400)	4,800	(3,200)
TOTAL ADMINISTRATIVE EXPENSES	41,110	52,750	(11,640)	212,844	250,770	(37,926)	602,485	(389,641)
TOTAL WASTEWATER EXPENSES	120,279	203,250	(82,971)	696,474	937,975	(241,501)	2,139,075	(1,442,601)
NET OPERATING REVENUE/EXPENSE	158,872	63,421	95,451	699,144	395,480	303,664	1,209,925	(510,781)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	1,140	1,500	(360)	5,096	7,500	(2,404)	18,000	(12,904)
PROPERTY TAX INCOME	5,198	6,250	(1,052)	5,902	6,000	(98)	75,000	(69,098)
TOTAL NON-OPER SOURCE OF FUNDS	6,338	7,750	(1,412)	10,998	13,500	(2,502)	93,000	(82,002)
TOTAL SEWER REVENUE/EXPENSE	165,210	71,171	94,039	710,142	408,980	301,162	1,302,925	(592,783)
TRANSFER TO CAPITAL FUND-REPLACEMENT				263,681				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				446,461				
CONNECTION FEES				-				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2020-2021	7,232,843
TRANSFER FOR CAPITAL FUND REPLACEMENT	263,681
TRANSFER FOR CAPITAL IMPROVEMENTS	446,461
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(1,690,483)</u>
TOTAL FUNDS AVAILABLE	<u>6,252,502</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
<i>WATER DEPARTMENT</i>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	160,463	160,000	463	798,130	800,000	(1,870)	1,920,000	(1,121,870)
WATER USAGE CHARGES	338,049	371,000	(32,951)	2,312,013	2,363,000	(50,987)	4,900,000	(2,587,987)
WATER PUMPING CHARGE	14,621	15,000	(379)	98,188	93,000	5,188	192,000	(93,812)
FIRE PROTECTION CHARGES	3,319	3,750	(431)	16,618	18,750	(2,132)	45,000	(28,382)
MISC. UTILITY CHARGES	1,041	825	216	4,358	4,125	233	10,000	(5,642)
SERVICE METER INCOME	3,600	5,000	(1,400)	33,000	25,000	8,000	60,000	(27,000)
CELLULAR SITE LEASE	6,424	6,300	124	32,062	31,600	462	76,000	(43,938)
MWD READINESS TO SERVE CHARGE	10,697	11,150	(453)	53,185	55,750	(2,565)	133,700	(80,515)
STANDBY CHARGES	-	-	-	-	-	-	40,000	(40,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	30,000	(30,000)
INSPECTION CHARGES	-	2,500	(2,500)	-	12,500	(12,500)	30,000	(30,000)
TOTAL WATER REVENUE	538,214	575,525	(37,311)	3,347,554	3,403,725	(56,171)	7,436,700	(4,089,146)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	9,316	12,400	(3,084)	51,039	68,100	(17,061)	160,300	(109,261)
WAGES EXPENSE-INSPECTION	2,435	2,300	135	13,341	12,700	641	30,000	(16,659)
PAYROLL TAXES EXP	144	275	(131)	834	1,525	(691)	3,600	(2,766)
EMPLOYEE BENEFITS-INS	1,258	1,785	(527)	6,760	8,925	(2,165)	21,420	(14,660)
EMPLOYEE BENEFITS-RETIREMENT	2,127	2,100	27	9,796	11,500	(1,704)	27,000	(17,204)
OPERATION-MILEAGE EXP	-	125	(125)	-	625	(625)	1,500	(1,500)
OVERTIME EXPENSE OPER/ ON CALL	2,650	2,250	400	14,055	12,350	1,705	29,000	(14,945)
OVERTIME EXP INSPECTION	685	275	410	2,749	1,500	1,249	3,550	(801)
SCADA SYSTEM STANDBY EXP	252	300	(48)	1,260	1,500	(240)	3,640	(2,380)
VACATION EXP	813	800	13	4,065	4,000	65	9,752	(5,687)
CONTRACT STAFFING-METER READS	6,008	5,850	158	29,992	29,250	742	70,000	(40,008)
SCADA SYSTEM ADMIN/MAINT	-	800	(800)	1,315	4,000	(2,685)	10,000	(8,685)
LABORATORY TESTING COSTS	-	1,000	(1,000)	4,136	5,000	(864)	11,000	(6,864)
COMPLIANCE TESTING (ISDE/CROSS)	-	1,500	(1,500)	-	1,500	(1,500)	3,000	(3,000)
LEAK DETECTION EXPENSE	-	-	-	-	2,000	(2,000)	8,000	(8,000)
EPA WATER TESTING EXP	-	700	(700)	-	3,500	(3,500)	8,500	(8,500)
EQUIPMENT RENTAL COSTS	-	200	(200)	-	1,000	(1,000)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	120	7,000	(6,880)	12,576	35,000	(22,424)	80,000	(67,424)
WATER LINE REPAIRS	-	3,500	(3,500)	-	17,500	(17,500)	40,000	(40,000)
ALARM MONITORING COSTS	-	250	(250)	561	1,250	(689)	3,000	(2,439)
PROPERTY MAINTENANCE	-	400	(400)	-	2,000	(2,000)	5,000	(5,000)
ENGINEERING/ADMIN. STUDIES	-	700	(700)	821	3,500	(2,679)	8,000	(7,179)
PLAN CHECK EXPENSE (TVWD)	-	800	(800)	-	4,000	(4,000)	10,000	(10,000)
ENERGY COSTS (EST)	29,000	12,000	17,000	81,283	74,200	7,083	156,000	(74,717)
CONSUMABLE SUPPLIES & CLEANING	159	350	(191)	1,897	1,750	147	4,000	(2,103)
CHEMICALS, LUBRICANTS & FUELS	481	700	(219)	1,994	3,500	(1,506)	8,000	(6,006)
SMALL EQUIPMENT & TOOLS COST	-	430	(430)	-	2,150	(2,150)	5,000	(5,000)
PERMITS, FEES & TAXES	407	3,000	(2,593)	9,186	15,000	(5,814)	35,000	(25,814)
MAP UPDATING/GIS EXP	-	430	(430)	-	2,150	(2,150)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	2,484	5,000	(2,516)	36,872	25,000	11,872	60,000	(23,128)
WHOLESALE WATER PURCHASES	323,409	330,000	(6,591)	1,993,304	2,059,000	(65,696)	4,325,000	(2,331,696)
WATER-MWD CAPACITY CHARGE	4,458	4,800	(342)	22,291	24,000	(1,709)	57,250	(34,959)
WATER-READINESS TO SERVE/REFUSAL CHARGE	9,802	11,150	(1,348)	49,013	55,750	(6,737)	133,700	(84,687)
WMWD-MGLMR EXP	-	-	-	-	-	-	181,000	(181,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	10,000	(10,000)
CONSERVATION REBATE EXP	-	450	(450)	-	2,250	(2,250)	5,000	(5,000)
CONTINGENCIES	-	4,250	(4,250)	-	21,250	(21,250)	50,900	(50,900)
TOTAL OPERATING EXPENSES	396,008	417,870	(21,862)	2,349,140	2,518,225	(169,085)	5,584,112	(3,234,972)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	7,216	7,600	(384)	38,073	38,000	73	91,214	(53,141)
GENERAL ENGINEERING EXP	-	1,600	(1,600)	2,811	8,000	(5,189)	20,000	(17,189)
EMPLOYEE BENEFITS-INS	1,556	1,600	(44)	7,727	8,000	(273)	19,300	(11,573)
EMPLOYEE BENEFITS-RETIREMENT	1,906	2,000	(94)	9,530	11,000	(1,470)	25,200	(15,670)
WAGES EXPENSE	10,405	12,600	(2,195)	56,760	69,300	(12,540)	163,500	(106,740)
VACATION EXP	940	1,000	(60)	4,700	5,000	(300)	11,280	(6,580)
MILEAGE EXP ADMIN	-	50	(50)	-	250	(250)	500	(500)
OVERTIME EXPENSE	233	150	83	931	750	181	1,750	(819)
PAYROLL TAX EXPENSES	231	200	31	1,076	1,100	(24)	2,600	(1,524)
CONTRACT STAFFING-OFFICE	-	-	-	-	-	-	4,000	(4,000)
LEGAL EXPENSES	1,400	625	775	4,825	3,125	1,700	7,500	(2,675)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	2,272	875	1,397	5,369	4,375	994	10,500	(5,131)
COMPUTER SYSTEM EXP	1,821	1,700	121	10,226	8,500	1,726	20,000	(9,774)
BANK CHARGES EXP	2,770	2,500	270	13,331	12,500	831	30,000	(16,669)
MISCELLANEOUS & EDUCATION EXP	-	300	(300)	-	1,500	(1,500)	4,000	(4,000)
TELEPHONE EXP	898	1,250	(352)	5,169	6,250	(1,081)	15,000	(9,831)
OFFICE SUPPLIES EXP	1,073	1,000	73	4,730	5,000	(270)	12,000	(7,270)
PRINTING EXPENSES	1,187	400	787	2,524	2,000	524	5,000	(2,476)
POSTAGE & DELIVERY EXPENSE	818	1,000	(182)	4,202	5,000	(798)	12,000	(7,798)
PUBLICATIONS, NOTICES & DUES	-	200	(200)	576	1,000	(424)	2,500	(1,924)
EQUIPMENT LEASE EXPENSES	-	600	(600)	2,418	3,000	(582)	7,000	(4,582)
INSURANCE EXPENSES	2,132	2,275	(143)	8,443	11,375	(2,932)	27,300	(18,857)
INVESTMENT EXPENSE	350	350	-	1,400	1,750	(350)	4,200	(2,800)
ANNUAL ASSESSMENT EXP	-	-	-	1,437	3,000	(1,563)	3,000	(1,563)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	7,350	(7,350)
COMMUNITY OUT REACH EXP	158	-	158	472	-	472	8,000	(7,528)
TOTAL ADMINISTRATIVE EXPENSES	37,366	39,875	(2,509)	186,730	209,775	(23,045)	520,194	(333,464)
TOTAL WATER EXPENSES	433,374	457,745	(24,371)	2,535,870	2,728,000	(192,130)	6,104,306	(3,568,436)
NET OPERATING REVENUE/EXPENSE	104,840	117,780	(12,940)	811,684	675,725	135,959	1,332,394	(520,710)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	1,440	2,000	(560)	6,438	10,000	(3,562)	24,000	(17,562)
PROPERTY TAX INCOME	2,560	-	2,560	3,034	3,000	34	40,000	(36,966)
TOTAL NON-OP SOURCE OF FUNDS	4,000	2,000	2,000	9,472	13,000	(3,528)	64,000	(54,528)
TOTAL REVENUE/EXPENSE	108,840	119,780	(10,940)	821,156	688,725	132,431	1,396,394	(575,238)
TRANSFER TO CAPITAL FUND-REPLACEMENT				237,247				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				583,909				
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	237,247							
TRANSFER FOR CAPITAL IMPROVEMENTS	583,909							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(314,235)							
TOTAL FUNDS AVAILABLE	16,457,985							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#1 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	13,725	13,725	-	68,625	68,625	-	164,700	(96,075)
TOTAL ID #1 REVENUE	13,725	13,725	-	68,625	68,625	-	164,700	(96,075)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	11,764	12,000	(236)	58,820	58,820	-	145,000	(86,180)
TOTAL OPERATING COSTS	11,764	12,000	(236)	58,820	58,820	-	145,000	(86,180)
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#1 EXPENSES	11,764	12,000	(236)	60,256	60,320	(64)	148,000	(87,744)
NET OPERATING REVENUE/EXPENSE	1,961	1,725	236	8,369	8,305	64	16,700	(8,331)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME-LAIF	30	260	(230)	134	1,300	(1,166)	3,200	(3,066)
TOTAL NON-OPER SOURCE OF FUNDS	30	260	(230)	134	1,300	(1,166)	3,200	(3,066)
TOTAL REVENUE/EXPENSE	1,991	1,985	6	8,503	9,605	(1,102)	19,900	(11,397)
TRANSFER TO SINKING FUND FOR CAPACITY				8,503				
				-				
ID #1 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	589,954							
SINKING FUND FOR CAPACITY	8,503							
TOTAL FUNDS AVAILABLE	598,457							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			YEAR TO DATE			BUDGET 2021-2022	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#2 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	77,625	77,625	-	186,300	(108,675)
TOTAL ID #2 REVENUE	15,525	15,525	-	77,625	77,625	-	186,300	(108,675)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	13,307	13,650	(343)	66,535	66,535	-	164,000	(97,465)
TOTAL OPERATING COSTS	13,307	13,650	(343)	66,535	66,535	-	164,000	(97,465)
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)	67,971	68,035	(64)	167,000	(99,029)
NET OPERATING REVENUE/EXPENSE	2,218	1,875	343	9,654	9,590	64	19,300	(9,646)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	60	250	(190)	268	1,250	(982)	3,000	(2,732)
TOTAL NON-OPER SOURCE OF FUNDS	60	250	(190)	268	1,250	(982)	3,000	(2,732)
TOTAL REVENUE/EXPENSE	2,278	2,125	153	9,922	10,840	(918)	22,300	(12,378)
TRANSFER TO SINKING FUND FOR CAPACITY				9,922				
				-				
ID #2 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	299,213							
SINKING FUND FOR CAPACITY	9,922							
TOTAL FUNDS AVAILABLE	309,135							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			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	152,879	152,000	879	1,092,077	966,000	126,077	2,000,000	(907,923)
RECYCLED/NON-POT WATER FIXED CHARGE	17,721	17,000	721	85,828	85,000	828	203,000	(117,172)
RECYCLED/NON-POTABLE PUMPING CHARGE	4,297	4,100	197	35,507	26,100	9,407	54,000	(18,493)
MISC INCOME	-	1,000	(1,000)	-	5,000	(5,000)	11,500	(11,500)
INSPECTION REVENUE	-	1,000	(1,000)	-	5,000	(5,000)	12,300	(12,300)
TOTAL NON-POTABLE REVENUE	174,897	175,100	(203)	1,213,412	1,087,100	126,312	2,280,800	(1,067,388)
OPERATING EXPENSES:								
WAGES EXPENSE-OPERATIONS	6,654	8,800	(2,146)	36,457	48,450	(11,993)	114,500	(78,043)
WAGES EXPENSE-INSPECTION	1,740	1,600	140	9,531	8,670	861	20,540	(11,009)
PAYROLL TAXES EXP	104	200	(96)	446	1,050	(604)	2,500	(2,054)
EMPLOYEE BENEFITS-INS	1,114	1,275	(161)	5,166	6,375	(1,209)	15,300	(10,134)
EMPLOYEE BENEFITS-RETIREMENT	1,519	1,500	19	6,995	8,000	(1,005)	19,000	(12,005)
MILEAGE EXP	-	100	(100)	-	500	(500)	1,000	(1,000)
OVERTIME EXP OPER	1,893	1,600	293	9,683	8,800	883	20,750	(11,067)
OVERTIME EXP INSPECTION	489	200	289	1,964	1,050	914	2,500	(536)
VACATION EXP	581	600	(19)	2,905	3,000	(95)	7,000	(4,095)
PLAN CHECK EXP (TVWD)	-	100	(100)	-	500	(500)	1,000	(1,000)
SCADA SYSTEM STANDBY EXP	180	220	(40)	900	1,100	(200)	2,600	(1,700)
SCADA SYS MAINTENANCE EXP	-	850	(850)	939	4,250	(3,311)	10,000	(9,061)
LABORATORY TESTING COSTS	-	300	(300)	3,595	1,500	2,095	3,000	595
EQUIPMENT REPAIRS & MAINT.	-	5,000	(5,000)	1,242	25,000	(23,758)	60,000	(58,758)
NONPOTABLE WATER LINE REPAIR	-	2,000	(2,000)	-	10,000	(10,000)	20,000	(20,000)
SECURITY AND ALARM EXP	-	100	(100)	400	500	(100)	1,000	(600)
PROPERTY MAINTENANCE	-	350	(350)	2,463	1,750	713	4,000	(1,537)
ENERGY COSTS(EST)	21,000	22,000	(1,000)	121,826	140,200	(18,374)	290,000	(168,174)
CONSUMABLE SUPPLIES EXP	113	200	(87)	312	1,000	(688)	2,500	(2,188)
CHEMICALS, LUBRICANTS & FUELS	269	460	(191)	1,352	2,300	(948)	5,500	(4,148)
PERMITS AND FEES EXP	291	900	(609)	291	4,500	(4,209)	10,000	(9,709)
SERVICE METERS AND PARTS COSTS	-	600	(600)	-	3,000	(3,000)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	350	(350)	-	1,750	(1,750)	4,000	(4,000)
MISC OPERATING EXP	-	50	(50)	-	250	(250)	500	(500)
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
CONTINGENCIES	-	2,050	(2,050)	-	10,250	(10,250)	24,550	(24,550)
TOTAL OPERATING EXPENSES	35,947	51,405	(15,458)	206,467	293,745	(87,278)	650,340	(443,873)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURE/BUDGET
For Five Months Ending November 30, 2021**

	NOVEMBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2021-2022	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	5,154	5,450	(296)	27,089	27,250	(161)	65,250	(38,161)
GENERAL ENGINEERING	-	450	(450)	370	2,250	(1,880)	5,000	(4,630)
EMPLOYEE BENEFITS-INS	1,037	1,150	(113)	5,513	5,750	(237)	13,800	(8,287)
EMPLOYEE BENEFITS-RETIREMENT	1,361	1,400	(39)	6,805	7,700	(895)	18,000	(11,195)
WAGES EXPENSE	7,433	9,000	(1,567)	40,767	49,500	(8,733)	117,000	(76,233)
VACATION EXP	671	675	(4)	3,355	3,375	(20)	8,053	(4,698)
MILEAGE EXP	-	20	(20)	-	100	(100)	200	(200)
OVERTIME EXP	166	105	61	665	525	140	1,250	(585)
PAYROLL TAX EXPENSE	165	140	25	769	770	(1)	1,800	(1,031)
CONTRACT STAFFING OFFICE EXP	-	-	-	-	-	-	5,250	(5,250)
LEGAL EXPENSE	1,000	420	580	2,687	2,100	587	5,000	(2,313)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	1,623	625	998	3,836	3,125	711	7,500	(3,664)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	5,000	(5,000)
COMPUTER SYSTEMS EXP	1,301	850	451	7,304	4,250	3,054	10,000	(2,696)
BANK CHARGES	1,979	1,750	229	9,524	8,750	774	21,000	(11,476)
MISC & EDUCATION EXP	-	100	(100)	-	500	(500)	1,000	(1,000)
TELEPHONE EXP	642	800	(158)	3,303	4,000	(697)	9,500	(6,197)
OFFICE SUPPLIES	702	580	122	2,181	2,900	(719)	7,000	(4,819)
PRINTING EXP	848	350	498	1,803	1,750	53	4,000	(2,197)
POSTAGE EXP	584	580	4	2,945	2,900	45	7,000	(4,055)
PUBLICATION EXP	-	85	(85)	250	425	(175)	1,000	(750)
EQUIPMENT LEASE EXP	-	350	(350)	1,762	1,750	12	4,000	(2,238)
INSURANCE EXPENSE	1,530	1,625	(95)	6,066	8,125	(2,059)	19,500	(13,434)
ANNUAL ASSESSMENT EXP	-	-	-	-	3,000	(3,000)	3,000	(3,000)
INVESTMENT EXPENSE	250	250	-	1,000	1,250	(250)	3,000	(2,000)
COMMUNITY OUTREACH EXP	-	400	(400)	-	2,000	(2,000)	4,800	(4,800)
TOTAL ADMINISTRATIVE EXPENSES	26,446	27,155	(709)	127,994	144,045	(16,051)	352,403	(224,409)
TOTAL NON-POTABLE OPERATING EXPENSES	62,393	78,560	(16,167)	334,461	437,790	(103,329)	1,002,743	(668,282)
NET OPERATING REVENUE/EXPENSE	112,504	96,540	15,964	878,951	649,310	229,641	1,278,057	(399,106)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	330	440	(110)	1,477	2,200	(723)	5,280	(3,803)
TOTAL NON-OP SOURCE OF FUNDS	330	440	(110)	1,477	2,200	(723)	5,280	(3,803)
TOTAL REVENUE/EXPENSE	112,834	96,980	15,854	880,428	651,510	228,918	1,283,337	(402,909)
TRANSFER TO CAPITAL FUND-REPLACEMENT				141,065				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				739,363				
CONNECTION FEES				-				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2020-2021	5,372,393							
TRANSFER FOR CAPITAL FUND REPLACEMENT	141,065							
TRANSFER FOR CAPITAL IMPROVEMENTS	739,363							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(8,704)							
TOTAL FUNDS AVAILABLE	6,244,117							

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
11/30/2021

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.04
- Lien Interest A/C (Acct #105636-001)		102.13
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,263,221.14
- Reserve Fund CFD #2 (Acct #105636-005)		276,064.99
- Reserve Fund CFD #3 (Acct #105636-006)		1,495,524.25
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		32.20
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		619,045.52
- Reserve Fund CFD #2 (Acct #105639-005)		100,174.20
- Reserve Fund CFD #3 (Acct #105639-006)		540,859.53
TOTAL	\$	5,295,024.01

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
11/30/2021

Special Tax Fund (Acct #105636-009)
Account Balance at Wilmington Trust

\$ -

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

-

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

8.23

Surplus Fund (Acct #105636-012)
Account Balance at Wilmington Trust

1,179,873.35

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
11/30/2021

<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	273,991.50
<hr/>	
<u>Prepayment Fund (Acct #105636-026)</u> Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 273,996.22

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
11/30/2021

<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	\$	627,249.82
<hr/>		
<u>Prepayment Fund (Acct #105636-027)</u> Account Balance at Wilmington Trust		-
<hr/>		
TOTAL	\$	627,258.05

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA1
Financing Authority
(Terramor)
11/30/2021

<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	1,397,191.73
<hr/>	
<u>Surplus Fund (Acct #133306-006)</u> Account Balance at Wilmington Trust	234,041.18
<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	\$ 1,677,239.76

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 IA2
Financing Authority
(Terramor)
11/30/2021

<u>Special Tax Fund (Acct #151110-000)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>Interest Acct (Acct #151110-001)</u> Account Balance at Wilmington Trust	32,000.13
<hr/>	
<u>BONDS PRIN ACCT (Acct #151110-002)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Redemption Acct (Acct #151110-003)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #151110-004)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Reserve fund Fund (Acct #151110-005)</u> Account Balance at Wilmington Trust	1,131,004.65
<hr/>	
<u>Surplus Fund (Acct #151110-006)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Construction fund (Acct #151110-007)</u> Account Balance at Wilmington Trust	19,113,409.16
<hr/>	
<u>Cost of Issuance (Acct #151110-008)</u> Account Balance at Wilmington Trust	12,341.82
<hr/>	
TOTAL	\$ 20,288,755.76

**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 NOVEMBER 2021 EXPENDITURES			Total YTD	Variance
				Sewer Fund	Water Fund	Recycled Fund		YEAR TO DATE				
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Computer and Software Upgrades	G-1-2019		\$ 25,000	\$ 10,000	\$ 8,750	\$ 6,250	\$ -	\$ 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		YEAR TO DATE				
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Potable Water Looping Phase II (Knabe)	W-2-2019		\$ 615,000	\$ -	\$ 615,000	\$ -	\$ 69,093		\$ 401,139		\$ 401,139	\$ 144,768
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	\$ 1,671,003			\$ 1,671,003	\$ 198,407
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	\$ 10,399,000	\$ 1,255,000	\$ 6,161,341	\$ 1,676,557	\$ 462,669	\$ -	\$ 2,139,226	\$ 14,802,933
TOTAL			\$ 24,215,500	\$ 11,901,500	\$ 10,781,250	\$ 1,532,750	\$ 6,269,905	\$ 1,690,483	\$ 484,605	\$ 8,704	\$ 2,183,792	\$ 15,761,803



PMIA/LAIF Performance Report as of 12/09/21



PMIA Average Monthly Effective Yields⁽¹⁾

Nov	0.203
Oct	0.203
Sep	0.206

Quarterly Performance Quarter Ended 09/30/21

LAIF Apportionment Rate ⁽²⁾ :	0.24
LAIF Earnings Ratio ⁽²⁾ :	0.00000661958813242
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⁾ 10/31/21 \$174.8 billion

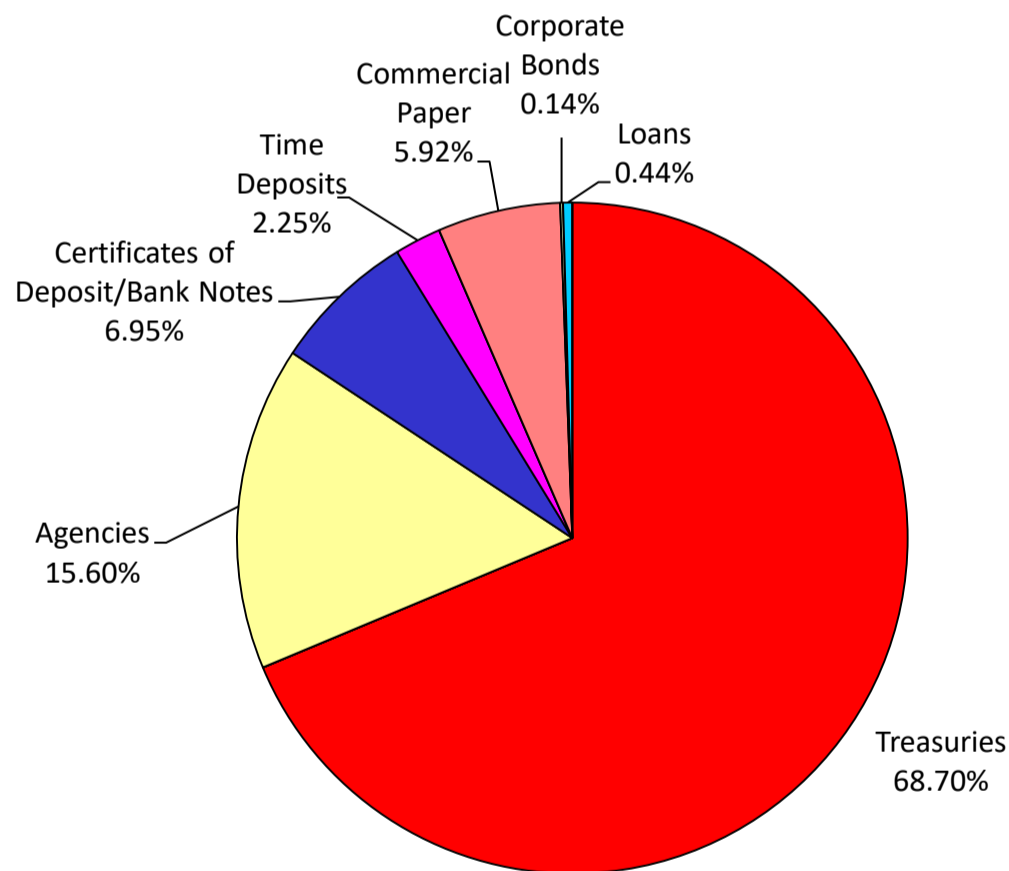


Chart does not include \$7,685,000.00 in mortgages, which equates to 0.004396%. Percentages may not total 100% due to rounding.

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 December 21, 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 21st day of December, 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 December 21st, 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 December 21, 2021, at a regular Board of Directors (Board) meeting, held at 22646 Temescal Canyon Road, Temescal Valley, CA 92883. 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 R-21-21, and R-21-22, 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 December 3, 2021, and December 10, 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 December 21, 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 21st day of December, 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 December 21st, 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 December 3, 2021, and December 10, 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 December 21, 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 21st day of December, 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 December 21st, 2021.

PAUL RODRIGUEZ
Secretary

MEMORANDUM

DATE: December 21, 2021

TO: Board of Directors
Temescal Valley Water District

FROM: Jeff Pape, General Manager

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

BACKGROUND

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

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

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

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

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

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

The following Actual Reimbursements were approved by the District and paid out of CFD No. 4, Bond Issuance No.1 Acquisition and Construction Fund in January 2019. Additional packages were submitted and held until Bond Issuance No.2 was completed. Those packages are listed as Request **-01.

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

The District receives complete packages once the improvement(s) has been accepted by the District or Agency. The hold over amounts are CFD moneys allocated to fund the District's WRF Expansion for capacity allocated to the Terramor development. Each Reimbursement Request package includes the following:

1. Reimbursement Request
2. Reimbursement Summary
3. Reimbursement Summary by Vendor
4. Vicinity Map
5. Exhibit
6. Bid Package
7. Checks and Invoices
8. Contracts
9. Change Orders
10. Unconditional Finals
11. Certificates of Insurance
12. Performance and Payment Bonds
13. Labor Compliance Items
14. As-builts as needed
15. Notice of Completion
16. Acceptance Letter from Agency as needed

The following Reimbursement requests have been received, reviewed, and approved for reimbursement out of CFD No. 4, Bond Issuance No.2 Acquisition and Construction Fund.

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

Staff has reviewed in detail the submitted packages and requested additional information as needed to certify the Reimbursement Requests. This process will be used for all reimbursement packages. Listed above are the approved reimbursements.

FISCAL IMPACT

The Reimbursements are paid from the Acquisition and Construction Fund. There is no fiscal impact to the District’s General Fund. The Reimbursement amount will be paid by the District’s Trustee of the Acquisition and Construction Fund. The disbursement of these payments will leave approximately \$5,390,762 for future reimbursement packages including District facilities, County of Riverside (road improvements) and County of Riverside Flood Control.

RECOMMENDATION

It is recommended that the Board of Directors:

Approve the funding of the Reimbursement Requests listed above for a total of \$11,993,222.11 and the Hold Back for the WRF in the amount of \$2,000,000.00 for a total of \$13,993,222.11 and authorize the General Manager to direct the payment through the Trustee.

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke at the end.

Respectfully submitted,

Jeff Pape,
General Manager

CFD 4 ID 2 Bond Issuance

Reimbursement Request Verification TVWD CFD (non JCFA)

Request	Segment	Package	Submittal Request	Reimbursement Request Package	Signed Request	Field Verified	Infrastructure Owner	TVWD Approval	Recommended Amount
01-02	1-5	TCR - Dry Utilities	\$ 659,438.08	Complete	Verified	EDISON	EDISON	GM	\$ 659,438.08
02-02	2-3	Ph.1 Backbone Sewer Improvements	\$ 738,509.54	Complete	Verified	TVWD	TVWD	GM	\$ 738,509.54
03-02	2-4	Ph.1 Backbone Dry Utility Improvements	\$ 1,471,098.73	Complete	Verified	EDISON	EDISON	GM	\$ 1,471,098.73
04-02	2-8	PH. 1 environment Mitigation (TVWD)	\$ 862,271.78	Complete	Verified	TVWD	COR	GM	\$ 862,271.78
05-01	3-7	Ph. 2 1320 Zone Reservoir Capacity Buy-in	\$ 158,100.00	Complete	Verified	TVWD	TVWD	GM	\$ 158,100.00
05-02	3-1	Ph. 2 Backbone Potable Water Improvements	\$ 527,611.32	Complete	Verified	TVWD	TVWD	GM	\$ 527,611.32
05-02	3-2	Ph. 2 Backbone Non-Potable Water Improvements	\$ 275,734.97	Complete	Verified	TVWD	TVWD	GM	\$ 275,734.97
05-02	3-3	Ph. 2 Backbone Sewer Improvements	\$ 479,421.57	Complete	Verified	TVWD	TVWD	GM	\$ 479,421.57
06-01		LLWD/ TVWD Indirects - Various Segments	\$ 668,142.17	Complete	Verified	TVWD	TVWD	GM	\$ 341,294.67
06-02	3-1-2	PH. 2 Potable Water 1509 Zone Reservoir Facility	\$ 1,805,812.05	Complete	Verified	TVWD	TVWD	GM	\$ 1,805,812.05
06-02	3-2-1	Ph. 2 Non- Potable Water 1486 Zone Reservoir Facility	\$ 1,805,812.05	Complete	Verified	TVWD	TVWD	GM	\$ 1,805,812.05
07-01	2-1-2	Sycamore Creek Potable Pump Station Improvements	\$ 474,119.15	Complete	Verified	TVWD	TVWD	GM	\$ 474,119.15
08-01	2-2-2	Sycamore Creek Non-Potable Pump Station Improvements	\$ 232,770.50	Complete	Verified	TVWD	TVWD	GM	\$ 232,770.50
09-01	2-1	Ph.1 Backbone Potable Water Improvements	\$ 1,595,013.72	Complete	Verified	TVWD	TVWD	GM	\$ 1,595,013.72
09-01	2-2	PH. 1 Backbone Non- Potable Water Improvements	\$ 566,213.98	Complete	Verified	TVWD	TVWD	GM	\$ 566,213.98
								TOTAL	\$ 11,993,222.11
Hold Back	WRF	TVWD WRF Phase 4 Expansion CFD/Developer	\$ 2,000,000.00	In Construction	Monthly	TVWD	TVWD	GM	\$ 2,000,000.00
								TOTAL	\$ 13,993,222.11

EXHIBIT C

PAYMENT REQUEST NO. 01 (Bond Issuance No. 02)

The undersigned (the "Developer") hereby requests payment in the total amount of **\$659,438.02** for Temescal Canyon Road Dry Utility Improvements (as defined in Segment 1-5 of the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
3. The Purchase Price for the District Improvement(s) has/have been calculated in conformance with the terms of the Agreement. All costs for which payment is requested hereby are eligible costs (as permitted in the Agreement) and have not been inflated in any respect and have not been the subject of any prior payment request paid by the Developer.
4. Supporting documentation (such as third party invoices, change orders and checks) is attached with respect to each cost for which payment is requested.
5. The District Improvement(s) for which payment is requested were constructed in accordance with the requirements of the Agreement.
6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY



Authorized Signatory

Dated: 12/3/2021

TEMESCAL VALLEY WATER DISTRICT
Payment Request Approved for Submission to

Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 01 (Bond Issuance No. 02)

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 1-5 (Dry Utility Improvements)	\$ 659,438.02	\$ 659,438.02

EXHIBIT C

PAYMENT REQUEST NO. 02 (Bond Issuance No. 02)

The undersigned (the "Developer") hereby requests payment in the total amount of \$ 738,509.54 for Phase 1 Backbone Sewer Improvements (as defined in Segment 2-3 of the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
3. The Purchase Price for the District Improvement(s) has/have been calculated in conformance with the terms of the Agreement. All costs for which payment is requested hereby are eligible costs (as permitted in the Agreement) and have not been inflated in any respect and have not been the subject of any prior payment request paid by the Developer.
4. Supporting documentation (such as third party invoices, change orders and checks) is attached with respect to each cost for which payment is requested.
5. The District Improvement(s) for which payment is requested were constructed in accordance with the requirements of the Agreement.
6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY



Authorized Signatory

Dated: 12/3/2021

TEMESCAL VALLEY WATER DISTRICT
Payment Request Approved for Submission to
Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 02 (Bond Issuance No. 02)

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 2-3 (Phase 1 Backbone Sewer Imp.)	\$ 738,509.54	\$ 738,509.54

TBJ

EXHIBIT C

PAYMENT REQUEST NO. 03 (Bond Issuance No. 02)

The undersigned (the "Developer") hereby requests payment in the total amount of \$1,471,098.73 for Backbone Ph I Dry Utility Improvements (as defined in Segments 2-4) of the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
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5. The District Improvement(s) for which payment is requested were constructed in accordance with the requirements of the Agreement.
6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

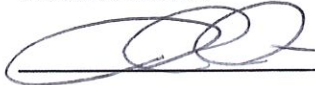
FORESTAR TOSCANA DEVELOPMENT
COMPANY



Authorized Signatory

Dated: 12/3/2021

TEMESCAL VALLEY WATER DISTRICT
Payment Request Approved for Submission to
Finance Director



General Manager

Dated: 12/4/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 03 (Bond Issuance No. 02)

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 2-4 (Dry Utility Improvements)	\$1,471,098.73	\$1,471,098.73

EXHIBIT C


PAYMENT REQUEST NO. 4 (Bond Issuance No. 02)

The undersigned (the "Developer") hereby requests payment in the total amount of \$ 862,271.78 for Phase I Environmental Mitigation (as defined in Segment 2-8 of the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
3. The Purchase Price for the District Improvement(s) has/have been calculated in conformance with the terms of the Agreement. All costs for which payment is requested hereby are eligible costs (as permitted in the Agreement) and have not been inflated in any respect and have not been the subject of any prior payment request paid by the Developer.
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5. The District Improvement(s) for which payment is requested were constructed in accordance with the requirements of the Agreement.
6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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


FORESTAR TOSCANA DEVELOPMENT
COMPANY



Authorized Signatory

Dated: 12/3/2021

TEMESCAL VALLEY WATER DISTRICT
Payment Request Approved for Submission to
Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 04 (Bond Issuance No. 02)

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 2-8 (Phase 1 Environmental Mitigation)	\$ <u>862,271.78</u>	\$ <u>862,271.78</u>

EXHIBIT C

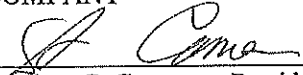
PAYMENT REQUEST NO. 05

The undersigned (the "Developer") hereby requests payment in the total amount of \$158,100.00 for the Ph. 2 Zone 1320 Reservoir Capacity Buy-In fee (as defined in Segment 3-7 of the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
3. The Purchase Price for the District Improvement(s) has/have been calculated in conformance with the terms of the Agreement. All costs for which payment is requested hereby are eligible costs (as permitted in the Agreement) and have not been inflated in any respect and have not been the subject of any prior payment request paid by the Developer.
4. Supporting documentation (such as third party invoices, change orders and checks) is attached with respect to each cost for which payment is requested.
5. The District Improvement(s) for which payment is requested were constructed in accordance with the requirements of the Agreement.
6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY

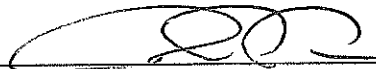


Stephen C. Cameron, President

Dated: 7-7-19

TEMESCAL VALLEY WATER DISTRICT

Payment Request Approved for Submission to
Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 05

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 3-7 (Ph. 2 Zone 1320 Res. Cap. Buy-In Fee)	\$158,100.00	

KIP
3-1 \$527,611.32
3-2 \$275,734.97
3-3 479,421.57

EXHIBIT C

PAYMENT REQUEST NO. 05 (Bond Issuance No. 02)

The undersigned (the "Developer") hereby requests payment in the total amount of \$1,282,767.85 for Backbone Ph II Water & Sewer Improvements (as defined in Segments 3-1, 3-2, & 3-3) of the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
3. The Purchase Price for the District Improvement(s) has/have been calculated in conformance with the terms of the Agreement. All costs for which payment is requested hereby are eligible costs (as permitted in the Agreement) and have not been inflated in any respect and have not been the subject of any prior payment request paid by the Developer.
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5. The District Improvement(s) for which payment is requested were constructed in accordance with the requirements of the Agreement.
6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY

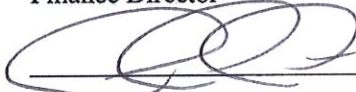


Authorized Signatory

Dated: 12/3/2021

TEMESCAL VALLEY WATER DISTRICT
Payment Request Approved for Submission to

Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 05 (Bond Issuance No. 02)

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 3-1 (Potable Water Imp.)	\$ 527,611.32	\$527,611.32
Seg. 3-2 (Non. Potable Water Imp.)	\$ 275,734.97	\$275,734.97
Seg. 3-3 (Sewer Improvements)	\$ 479,421.57	\$479,421.57

TWVO

EXHIBIT C

PAYMENT REQUEST NO. 06

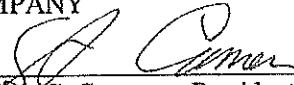
\$ 341,294.67

The undersigned (the "Developer") hereby requests payment in the total amount of ~~\$668,142.17~~ for the Lee Lake Water District / Temescal Valley Water District Plan Check & Inspection Fees (as defined in various "Indirect Cost" Segments) within the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
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6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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


FORESTAR TOSCANA DEVELOPMENT
COMPANY



Stephen C. Cameron, President

Dated: 7-7-19

TEMESCAL VALLEY WATER DISTRICT
Payment Request Approved for Submission to
Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 06

District Improvement

Purchase Price

Disbursement Requested

Various Segments

(Indirect Costs – LLWD/TVWD Plan Check & Inspection Fees)

~~\$668,142.17~~

341,294.67



Paso Robles TANK
\$ 1,805,812.05
\$ 1,805,812.05

EXHIBIT C

PAYMENT REQUEST NO. 6 (Bond Issuance No. 02)

The undersigned (the "Developer") hereby requests payment in the total amount of \$ 3,611,624.09 for Phase 2 Water Reservoir Facility (as defined in Segment 3-1-2 & 3-2-1 of the Acquisition/Financing Agreement by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
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6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY



Authorized Signatory

Dated: 12/3/2021

TEMESCAL VALLEY WATER DISTRICT
Payment Request Approved for Submission to
Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1

SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 06 (Bond Issuance No. 02)

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 3-1-2: (Phase 2 Reservoir 1509 Facility)	\$ 1,805,812.05	\$1,805,812.05
Seg. 3-2-1: (Phase 2 Reservoir 1486 Facility)	\$ 1,805,812.05	\$1,805,812.05

RC FOSTER
PH 1 - 212

EXHIBIT C


PAYMENT REQUEST NO. 07

The undersigned (the "Developer") hereby requests payment in the total amount of \$474,119.15 for Sycamore Creek Potable Pump Station Improvements (as defined in Segment 2-1-2 of the Acquisition/Financing Agreement) by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
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6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY



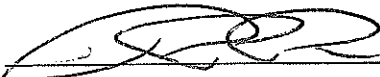
Stephen C. Cameron, President

Dated: 2-7-19

TEMESCAL VALLEY WATER DISTRICT

Payment Request Approved for Submission to

Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 07

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 2-1-2 (Sycamore Creek Pot. Pump Station)	\$474,119.15	

EXHIBIT C


PAYMENT REQUEST NO. 08

The undersigned (the "Developer") hereby requests payment in the total amount of \$232,770.50 for Sycamore Creek Non-Potable Pump Station Improvements (as defined in Segment 2-2-2 of the Acquisition/Financing Agreement) by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
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5. The District Improvement(s) for which payment is requested were constructed in accordance with the requirements of the Agreement.
6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY




Stephen C. Cameron, President

Dated: 2-7-19

TEMESCAL VALLEY WATER DISTRICT

Payment Request Approved for Submission to

Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 08

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 2-2-2 (Sycamore Creek Non Pot. Pump Station)	\$232,770.50	

KIP
PHI - 2-1
PHI - 2-2

EXHIBIT C


PAYMENT REQUEST NO. 09

The undersigned (the "Developer") hereby requests payment in the total amount of **\$2,161,227.70** for Phase I Backbone Potable & Non-Potable Water Improvements (as defined in Segments 2-1 & 2-2 of the Acquisition/Financing Agreement) by and among the Temescal Valley Water District (the "District") and Developer, all as more fully described in Attachment 1 hereto. In connection with this Payment Request, the undersigned hereby certifies, represents and warrants to the District as follows:

1. He (she) is a duly authorized officer of Developer, qualified to execute this Payment Request for payment on behalf of Developer and is knowledgeable as to the matters set forth herein.
2. The District Improvement that is the subject of this Payment Request has been completed. The District Advance that is the subject of this Payment Request has been made to the District.
3. The Purchase Price for the District Improvement(s) has/have been calculated in conformance with the terms of the Agreement. All costs for which payment is requested hereby are eligible costs (as permitted in the Agreement) and have not been inflated in any respect and have not been the subject of any prior payment request paid by the Developer.
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6. Developer is in compliance with the terms and provisions of the Agreement.
7. No mechanics liens or other encumbrances have attached, or to the best knowledge of Developer, after due inquiry, will attach to the District Improvements.

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

FORESTAR TOSCANA DEVELOPMENT
COMPANY

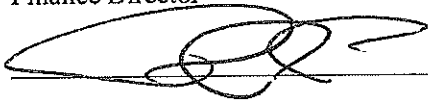


Stephen C. Cameron, President

Dated: 2-7-19

TEMESCAL VALLEY WATER DISTRICT

Payment Request Approved for Submission to
Finance Director



General Manager

Dated: 12/14/21

ATTACHMENT 1
SUMMARY OF IMPROVEMENTS
TO BE ACQUIRED AS PART OF PAYMENT REQUEST NO. 09

<u>District Improvement</u>	<u>Purchase Price</u>	<u>Disbursement Requested</u>
Seg. 2-1 (Ph. 1 Backbone Potable Water)	\$1,595,013.72	
Seg. 2-2 (Ph. 1 Backbone Non-Potable Water)	\$566,213.98	

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**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 (Terramor)
(Improvement Area No. 2)
2021 Special Tax Bonds**

~~~~~

**Proposed Final Pricing as of 10/13/2021**

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**SOURCES AND USES OF FUNDS**

**TEMESCAL VALLEY WATER DISTRICT  
Community Facilities District No. 4 (Terramor)  
(Improvement Area No. 2)  
2021 Special Tax Bonds**

~~~~~  
Proposed Final Pricing as of 10/13/2021

Dated Date	10/28/2021
Delivery Date	10/28/2021

Sources:

<hr/>	
Bond Proceeds:	
Par Amount	18,770,000.00
Premium	2,201,258.75
	<hr/>
	20,971,258.75
	<hr/> <hr/>

Uses:

<hr/>	
Project Fund Deposits:	
Project Fund	19,386,173.75
Other Fund Deposits:	
Debt Service Reserve Fund	1,131,000.00
Capitalized Interest Fund	<u>32,000.00</u>
	1,163,000.00
Delivery Date Expenses:	
Cost of Issuance	225,000.00
Underwriter's Discount	<u>197,085.00</u>
	422,085.00
	<hr/>
	20,971,258.75
	<hr/> <hr/>

BOND SUMMARY STATISTICS

TEMESCAL VALLEY WATER DISTRICT Community Facilities District No. 4 (Terramor) (Improvement Area No. 2) 2021 Special Tax Bonds

~~~~~ Proposed Final Pricing as of 10/13/2021

Dated Date	10/28/2021
Delivery Date	10/28/2021
First Coupon	03/01/2022
Last Maturity	09/01/2051
Arbitrage Yield	2.441383%
True Interest Cost (TIC)	3.210495%
Net Interest Cost (NIC)	3.378672%
All-In TIC	3.293608%
Average Coupon	4.000000%
Average Life (years)	18.875
Weighted Average Maturity (years)	18.848
Duration of Issue (years)	13.344
Par Amount	18,770,000.00
Bond Proceeds	20,971,258.75
Total Interest	14,171,323.33
Net Interest	12,167,149.58
Bond Years from Dated Date	354,283,083.33
Bond Years from Delivery Date	354,283,083.33
Total Debt Service	32,941,323.33
Maximum Annual Debt Service	1,131,000.00
Average Annual Debt Service	1,103,870.09
Underwriter's Fees (per \$1000)	
Average Takedown	
Other Fee	10.500000
Total Underwriter's Discount	10.500000
Bid Price	110.677537

Bond Component	Par Value	Price	Average Coupon	Average Life	Average Maturity Date	PV of 1 bp change
Serial Bond	3,435,000.00	111.783	4.000%	6.561	05/20/2028	2,017.45
Term Bond 2036	2,790,000.00	113.131	4.000%	12.922	09/29/2034	1,925.10
Term Bond 2041	3,395,000.00	112.245	4.000%	17.923	09/30/2039	2,274.65
Term Bond 2046	4,125,000.00	111.234	4.000%	22.919	09/28/2044	2,763.75
Term Bond 2051	5,025,000.00	110.966	4.000%	27.921	09/29/2049	3,366.75
	18,770,000.00			18.875		12,347.70

	TIC	All-In TIC	Arbitrage Yield
Par Value	18,770,000.00	18,770,000.00	18,770,000.00
+ Accrued Interest			
+ Premium (Discount)	2,201,258.75	2,201,258.75	2,201,258.75
- Underwriter's Discount	-197,085.00	-197,085.00	
- Cost of Issuance Expense		-225,000.00	
- Other Amounts			
Target Value	20,774,173.75	20,549,173.75	20,971,258.75
Target Date	10/28/2021	10/28/2021	10/28/2021
Yield	3.210495%	3.293608%	2.441383%

BOND PRICING

TEMESCAL VALLEY WATER DISTRICT Community Facilities District No. 4 (Terramor) (Improvement Area No. 2) 2021 Special Tax Bonds

Proposed Final Pricing as of 10/13/2021

Bond Component	Maturity Date	CUSIP	Amount	Rate	Yield	Price	Yield to Maturity	Call Date	Call Price	Premium (-Discount)
Serial Bond:										
	09/01/2023	87975C AX9	75,000	4.000%	0.930%	105.591				4,193.25
	09/01/2024	87975C AY7	270,000	4.000%	1.150%	107.944				21,448.80
	09/01/2025	87975C AZ4	390,000	4.000%	1.420%	109.611				37,482.90
	09/01/2026	87975C BA8	405,000	4.000%	1.610%	111.087				44,902.35
	09/01/2027	87975C BB6	425,000	4.000%	1.840%	111.909				50,613.25
	09/01/2028	87975C BC4	440,000	4.000%	2.010%	112.658				55,695.20
	09/01/2029	87975C BD2	460,000	4.000%	2.150%	113.282				61,097.20
	09/01/2030	87975C BE0	475,000	4.000%	2.250%	113.611 C	2.290%	09/01/2028	103.000	64,652.25
	09/01/2031	87975C BF7	495,000	4.000%	2.330%	113.062 C	2.495%	09/01/2028	103.000	64,656.90
			3,435,000							404,742.10
Term Bond 2036:										
	09/01/2032		515,000	4.000%	2.320%	113.131 C	2.904%	09/01/2028	103.000	67,624.65
	09/01/2033		535,000	4.000%	2.320%	113.131 C	2.904%	09/01/2028	103.000	70,250.85
	09/01/2034		555,000	4.000%	2.320%	113.131 C	2.904%	09/01/2028	103.000	72,877.05
	09/01/2035		580,000	4.000%	2.320%	113.131 C	2.904%	09/01/2028	103.000	76,159.80
	09/01/2036	87975C BG5	605,000	4.000%	2.320%	113.131 C	2.904%	09/01/2028	103.000	79,442.55
			2,790,000							366,354.90
Term Bond 2041:										
	09/01/2037		625,000	4.000%	2.450%	112.245 C	3.164%	09/01/2028	103.000	76,531.25
	09/01/2038		650,000	4.000%	2.450%	112.245 C	3.164%	09/01/2028	103.000	79,592.50
	09/01/2039		680,000	4.000%	2.450%	112.245 C	3.164%	09/01/2028	103.000	83,266.00
	09/01/2040		705,000	4.000%	2.450%	112.245 C	3.164%	09/01/2028	103.000	86,327.25
	09/01/2041	87975C BH3	735,000	4.000%	2.450%	112.245 C	3.164%	09/01/2028	103.000	90,000.75
			3,395,000							415,717.75
Term Bond 2046:										
	09/01/2042		760,000	4.000%	2.600%	111.234 C	3.331%	09/01/2028	103.000	85,378.40
	09/01/2043		795,000	4.000%	2.600%	111.234 C	3.331%	09/01/2028	103.000	89,310.30
	09/01/2044		825,000	4.000%	2.600%	111.234 C	3.331%	09/01/2028	103.000	92,680.50
	09/01/2045		855,000	4.000%	2.600%	111.234 C	3.331%	09/01/2028	103.000	96,050.70
	09/01/2046	87975C BJ9	890,000	4.000%	2.600%	111.234 C	3.331%	09/01/2028	103.000	99,982.60
			4,125,000							463,402.50
Term Bond 2051:										
	09/01/2047		925,000	4.000%	2.640%	110.966 C	3.411%	09/01/2028	103.000	101,435.50
	09/01/2048		965,000	4.000%	2.640%	110.966 C	3.411%	09/01/2028	103.000	105,821.90
	09/01/2049		1,005,000	4.000%	2.640%	110.966 C	3.411%	09/01/2028	103.000	110,208.30
	09/01/2050		1,045,000	4.000%	2.640%	110.966 C	3.411%	09/01/2028	103.000	114,594.70
	09/01/2051	87975C BK6	1,085,000	4.000%	2.640%	110.966 C	3.411%	09/01/2028	103.000	118,981.10
			5,025,000							551,041.50
			18,770,000							2,201,258.75

Dated Date	10/28/2021	
Delivery Date	10/28/2021	
First Coupon	03/01/2022	
Par Amount	18,770,000.00	
Premium	2,201,258.75	
Production	20,971,258.75	111.727537%
Underwriter's Discount	-197,085.00	-1.050000%
Purchase Price	20,774,173.75	110.677537%
Accrued Interest		
Net Proceeds	20,774,173.75	

BOND DEBT SERVICE
TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 (Terramor)
(Improvement Area No. 2)
2021 Special Tax Bonds

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**Proposed Final Pricing as of 10/13/2021**

Dated Date           10/28/2021  
Delivery Date       10/28/2021

| Period Ending | Principal  | Coupon | Interest      | Debt Service  | Annual Debt Service | Bond Balance | Total Bond Value |
|---------------|------------|--------|---------------|---------------|---------------------|--------------|------------------|
| 10/28/2021    |            |        |               |               |                     | 18,770,000   | 18,770,000       |
| 03/01/2022    |            |        | 256,523.33    | 256,523.33    |                     | 18,770,000   | 18,770,000       |
| 09/01/2022    |            |        | 375,400.00    | 375,400.00    | 631,923.33          | 18,770,000   | 18,770,000       |
| 03/01/2023    |            |        | 375,400.00    | 375,400.00    |                     | 18,770,000   | 18,770,000       |
| 09/01/2023    | 75,000     | 4.000% | 375,400.00    | 450,400.00    | 825,800.00          | 18,695,000   | 18,695,000       |
| 03/01/2024    |            |        | 373,900.00    | 373,900.00    |                     | 18,695,000   | 18,695,000       |
| 09/01/2024    | 270,000    | 4.000% | 373,900.00    | 643,900.00    | 1,017,800.00        | 18,425,000   | 18,425,000       |
| 03/01/2025    |            |        | 368,500.00    | 368,500.00    |                     | 18,425,000   | 18,425,000       |
| 09/01/2025    | 390,000    | 4.000% | 368,500.00    | 758,500.00    | 1,127,000.00        | 18,035,000   | 18,035,000       |
| 03/01/2026    |            |        | 360,700.00    | 360,700.00    |                     | 18,035,000   | 18,035,000       |
| 09/01/2026    | 405,000    | 4.000% | 360,700.00    | 765,700.00    | 1,126,400.00        | 17,630,000   | 17,630,000       |
| 03/01/2027    |            |        | 352,600.00    | 352,600.00    |                     | 17,630,000   | 17,630,000       |
| 09/01/2027    | 425,000    | 4.000% | 352,600.00    | 777,600.00    | 1,130,200.00        | 17,205,000   | 17,205,000       |
| 03/01/2028    |            |        | 344,100.00    | 344,100.00    |                     | 17,205,000   | 17,205,000       |
| 09/01/2028    | 440,000    | 4.000% | 344,100.00    | 784,100.00    | 1,128,200.00        | 16,765,000   | 16,765,000       |
| 03/01/2029    |            |        | 335,300.00    | 335,300.00    |                     | 16,765,000   | 16,765,000       |
| 09/01/2029    | 460,000    | 4.000% | 335,300.00    | 795,300.00    | 1,130,600.00        | 16,305,000   | 16,305,000       |
| 03/01/2030    |            |        | 326,100.00    | 326,100.00    |                     | 16,305,000   | 16,305,000       |
| 09/01/2030    | 475,000    | 4.000% | 326,100.00    | 801,100.00    | 1,127,200.00        | 15,830,000   | 15,830,000       |
| 03/01/2031    |            |        | 316,600.00    | 316,600.00    |                     | 15,830,000   | 15,830,000       |
| 09/01/2031    | 495,000    | 4.000% | 316,600.00    | 811,600.00    | 1,128,200.00        | 15,335,000   | 15,335,000       |
| 03/01/2032    |            |        | 306,700.00    | 306,700.00    |                     | 15,335,000   | 15,335,000       |
| 09/01/2032    | 515,000    | 4.000% | 306,700.00    | 821,700.00    | 1,128,400.00        | 14,820,000   | 14,820,000       |
| 03/01/2033    |            |        | 296,400.00    | 296,400.00    |                     | 14,820,000   | 14,820,000       |
| 09/01/2033    | 535,000    | 4.000% | 296,400.00    | 831,400.00    | 1,127,800.00        | 14,285,000   | 14,285,000       |
| 03/01/2034    |            |        | 285,700.00    | 285,700.00    |                     | 14,285,000   | 14,285,000       |
| 09/01/2034    | 555,000    | 4.000% | 285,700.00    | 840,700.00    | 1,126,400.00        | 13,730,000   | 13,730,000       |
| 03/01/2035    |            |        | 274,600.00    | 274,600.00    |                     | 13,730,000   | 13,730,000       |
| 09/01/2035    | 580,000    | 4.000% | 274,600.00    | 854,600.00    | 1,129,200.00        | 13,150,000   | 13,150,000       |
| 03/01/2036    |            |        | 263,000.00    | 263,000.00    |                     | 13,150,000   | 13,150,000       |
| 09/01/2036    | 605,000    | 4.000% | 263,000.00    | 868,000.00    | 1,131,000.00        | 12,545,000   | 12,545,000       |
| 03/01/2037    |            |        | 250,900.00    | 250,900.00    |                     | 12,545,000   | 12,545,000       |
| 09/01/2037    | 625,000    | 4.000% | 250,900.00    | 875,900.00    | 1,126,800.00        | 11,920,000   | 11,920,000       |
| 03/01/2038    |            |        | 238,400.00    | 238,400.00    |                     | 11,920,000   | 11,920,000       |
| 09/01/2038    | 650,000    | 4.000% | 238,400.00    | 888,400.00    | 1,126,800.00        | 11,270,000   | 11,270,000       |
| 03/01/2039    |            |        | 225,400.00    | 225,400.00    |                     | 11,270,000   | 11,270,000       |
| 09/01/2039    | 680,000    | 4.000% | 225,400.00    | 905,400.00    | 1,130,800.00        | 10,590,000   | 10,590,000       |
| 03/01/2040    |            |        | 211,800.00    | 211,800.00    |                     | 10,590,000   | 10,590,000       |
| 09/01/2040    | 705,000    | 4.000% | 211,800.00    | 916,800.00    | 1,128,600.00        | 9,885,000    | 9,885,000        |
| 03/01/2041    |            |        | 197,700.00    | 197,700.00    |                     | 9,885,000    | 9,885,000        |
| 09/01/2041    | 735,000    | 4.000% | 197,700.00    | 932,700.00    | 1,130,400.00        | 9,150,000    | 9,150,000        |
| 03/01/2042    |            |        | 183,000.00    | 183,000.00    |                     | 9,150,000    | 9,150,000        |
| 09/01/2042    | 760,000    | 4.000% | 183,000.00    | 943,000.00    | 1,126,000.00        | 8,390,000    | 8,390,000        |
| 03/01/2043    |            |        | 167,800.00    | 167,800.00    |                     | 8,390,000    | 8,390,000        |
| 09/01/2043    | 795,000    | 4.000% | 167,800.00    | 962,800.00    | 1,130,600.00        | 7,595,000    | 7,595,000        |
| 03/01/2044    |            |        | 151,900.00    | 151,900.00    |                     | 7,595,000    | 7,595,000        |
| 09/01/2044    | 825,000    | 4.000% | 151,900.00    | 976,900.00    | 1,128,800.00        | 6,770,000    | 6,770,000        |
| 03/01/2045    |            |        | 135,400.00    | 135,400.00    |                     | 6,770,000    | 6,770,000        |
| 09/01/2045    | 855,000    | 4.000% | 135,400.00    | 990,400.00    | 1,125,800.00        | 5,915,000    | 5,915,000        |
| 03/01/2046    |            |        | 118,300.00    | 118,300.00    |                     | 5,915,000    | 5,915,000        |
| 09/01/2046    | 890,000    | 4.000% | 118,300.00    | 1,008,300.00  | 1,126,600.00        | 5,025,000    | 5,025,000        |
| 03/01/2047    |            |        | 100,500.00    | 100,500.00    |                     | 5,025,000    | 5,025,000        |
| 09/01/2047    | 925,000    | 4.000% | 100,500.00    | 1,025,500.00  | 1,126,000.00        | 4,100,000    | 4,100,000        |
| 03/01/2048    |            |        | 82,000.00     | 82,000.00     |                     | 4,100,000    | 4,100,000        |
| 09/01/2048    | 965,000    | 4.000% | 82,000.00     | 1,047,000.00  | 1,129,000.00        | 3,135,000    | 3,135,000        |
| 03/01/2049    |            |        | 62,700.00     | 62,700.00     |                     | 3,135,000    | 3,135,000        |
| 09/01/2049    | 1,005,000  | 4.000% | 62,700.00     | 1,067,700.00  | 1,130,400.00        | 2,130,000    | 2,130,000        |
| 03/01/2050    |            |        | 42,600.00     | 42,600.00     |                     | 2,130,000    | 2,130,000        |
| 09/01/2050    | 1,045,000  | 4.000% | 42,600.00     | 1,087,600.00  | 1,130,200.00        | 1,085,000    | 1,085,000        |
| 03/01/2051    |            |        | 21,700.00     | 21,700.00     |                     | 1,085,000    | 1,085,000        |
| 09/01/2051    | 1,085,000  | 4.000% | 21,700.00     | 1,106,700.00  | 1,128,400.00        |              |                  |
|               | 18,770,000 |        | 14,171,323.33 | 32,941,323.33 | 32,941,323.33       |              |                  |

**BOND DEBT SERVICE**

**TEMESCAL VALLEY WATER DISTRICT  
Community Facilities District No. 4 (Terramor)  
(Improvement Area No. 2)  
2021 Special Tax Bonds**

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Proposed Final Pricing as of 10/13/2021

Dated Date 10/28/2021
Delivery Date 10/28/2021

Period Ending	Principal	Coupon	Interest	Debt Service	Bond Balance	Total Bond Value
09/01/2022			631,923.33	631,923.33	18,770,000	18,770,000
09/01/2023	75,000	4.000%	750,800.00	825,800.00	18,695,000	18,695,000
09/01/2024	270,000	4.000%	747,800.00	1,017,800.00	18,425,000	18,425,000
09/01/2025	390,000	4.000%	737,000.00	1,127,000.00	18,035,000	18,035,000
09/01/2026	405,000	4.000%	721,400.00	1,126,400.00	17,630,000	17,630,000
09/01/2027	425,000	4.000%	705,200.00	1,130,200.00	17,205,000	17,205,000
09/01/2028	440,000	4.000%	688,200.00	1,128,200.00	16,765,000	16,765,000
09/01/2029	460,000	4.000%	670,600.00	1,130,600.00	16,305,000	16,305,000
09/01/2030	475,000	4.000%	652,200.00	1,127,200.00	15,830,000	15,830,000
09/01/2031	495,000	4.000%	633,200.00	1,128,200.00	15,335,000	15,335,000
09/01/2032	515,000	4.000%	613,400.00	1,128,400.00	14,820,000	14,820,000
09/01/2033	535,000	4.000%	592,800.00	1,127,800.00	14,285,000	14,285,000
09/01/2034	555,000	4.000%	571,400.00	1,126,400.00	13,730,000	13,730,000
09/01/2035	580,000	4.000%	549,200.00	1,129,200.00	13,150,000	13,150,000
09/01/2036	605,000	4.000%	526,000.00	1,131,000.00	12,545,000	12,545,000
09/01/2037	625,000	4.000%	501,800.00	1,126,800.00	11,920,000	11,920,000
09/01/2038	650,000	4.000%	476,800.00	1,126,800.00	11,270,000	11,270,000
09/01/2039	680,000	4.000%	450,800.00	1,130,800.00	10,590,000	10,590,000
09/01/2040	705,000	4.000%	423,600.00	1,128,600.00	9,885,000	9,885,000
09/01/2041	735,000	4.000%	395,400.00	1,130,400.00	9,150,000	9,150,000
09/01/2042	760,000	4.000%	366,000.00	1,126,000.00	8,390,000	8,390,000
09/01/2043	795,000	4.000%	335,600.00	1,130,600.00	7,595,000	7,595,000
09/01/2044	825,000	4.000%	303,800.00	1,128,800.00	6,770,000	6,770,000
09/01/2045	855,000	4.000%	270,800.00	1,125,800.00	5,915,000	5,915,000
09/01/2046	890,000	4.000%	236,600.00	1,126,600.00	5,025,000	5,025,000
09/01/2047	925,000	4.000%	201,000.00	1,126,000.00	4,100,000	4,100,000
09/01/2048	965,000	4.000%	164,000.00	1,129,000.00	3,135,000	3,135,000
09/01/2049	1,005,000	4.000%	125,400.00	1,130,400.00	2,130,000	2,130,000
09/01/2050	1,045,000	4.000%	85,200.00	1,130,200.00	1,085,000	1,085,000
09/01/2051	1,085,000	4.000%	43,400.00	1,128,400.00		
	18,770,000		14,171,323.33	32,941,323.33		

NET DEBT SERVICE

TEMESCAL VALLEY WATER DISTRICT Community Facilities District No. 4 (Terramor) (Improvement Area No. 2) 2021 Special Tax Bonds

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Proposed Final Pricing as of 10/13/2021

| Date       | Principal  | Interest      | Total Debt Service | Debt Service Reserve Fund | Capitalized Interest Fund | Net Debt Service | Annual Net D/S |
|------------|------------|---------------|--------------------|---------------------------|---------------------------|------------------|----------------|
| 03/01/2022 |            | 256,523.33    | 256,523.33         |                           | -32,000                   | 224,523.33       |                |
| 09/01/2022 |            | 375,400.00    | 375,400.00         |                           |                           | 375,400.00       | 599,923.33     |
| 03/01/2023 |            | 375,400.00    | 375,400.00         |                           |                           | 375,400.00       |                |
| 09/01/2023 | 75,000     | 375,400.00    | 450,400.00         |                           |                           | 450,400.00       | 825,800.00     |
| 03/01/2024 |            | 373,900.00    | 373,900.00         |                           |                           | 373,900.00       |                |
| 09/01/2024 | 270,000    | 373,900.00    | 643,900.00         |                           |                           | 643,900.00       | 1,017,800.00   |
| 03/01/2025 |            | 368,500.00    | 368,500.00         |                           |                           | 368,500.00       |                |
| 09/01/2025 | 390,000    | 368,500.00    | 758,500.00         |                           |                           | 758,500.00       | 1,127,000.00   |
| 03/01/2026 |            | 360,700.00    | 360,700.00         |                           |                           | 360,700.00       |                |
| 09/01/2026 | 405,000    | 360,700.00    | 765,700.00         |                           |                           | 765,700.00       | 1,126,400.00   |
| 03/01/2027 |            | 352,600.00    | 352,600.00         |                           |                           | 352,600.00       |                |
| 09/01/2027 | 425,000    | 352,600.00    | 777,600.00         |                           |                           | 777,600.00       | 1,130,200.00   |
| 03/01/2028 |            | 344,100.00    | 344,100.00         |                           |                           | 344,100.00       |                |
| 09/01/2028 | 440,000    | 344,100.00    | 784,100.00         |                           |                           | 784,100.00       | 1,128,200.00   |
| 03/01/2029 |            | 335,300.00    | 335,300.00         |                           |                           | 335,300.00       |                |
| 09/01/2029 | 460,000    | 335,300.00    | 795,300.00         |                           |                           | 795,300.00       | 1,130,600.00   |
| 03/01/2030 |            | 326,100.00    | 326,100.00         |                           |                           | 326,100.00       |                |
| 09/01/2030 | 475,000    | 326,100.00    | 801,100.00         |                           |                           | 801,100.00       | 1,127,200.00   |
| 03/01/2031 |            | 316,600.00    | 316,600.00         |                           |                           | 316,600.00       |                |
| 09/01/2031 | 495,000    | 316,600.00    | 811,600.00         |                           |                           | 811,600.00       | 1,128,200.00   |
| 03/01/2032 |            | 306,700.00    | 306,700.00         |                           |                           | 306,700.00       |                |
| 09/01/2032 | 515,000    | 306,700.00    | 821,700.00         |                           |                           | 821,700.00       | 1,128,400.00   |
| 03/01/2033 |            | 296,400.00    | 296,400.00         |                           |                           | 296,400.00       |                |
| 09/01/2033 | 535,000    | 296,400.00    | 831,400.00         |                           |                           | 831,400.00       | 1,127,800.00   |
| 03/01/2034 |            | 285,700.00    | 285,700.00         |                           |                           | 285,700.00       |                |
| 09/01/2034 | 555,000    | 285,700.00    | 840,700.00         |                           |                           | 840,700.00       | 1,126,400.00   |
| 03/01/2035 |            | 274,600.00    | 274,600.00         |                           |                           | 274,600.00       |                |
| 09/01/2035 | 580,000    | 274,600.00    | 854,600.00         |                           |                           | 854,600.00       | 1,129,200.00   |
| 03/01/2036 |            | 263,000.00    | 263,000.00         |                           |                           | 263,000.00       |                |
| 09/01/2036 | 605,000    | 263,000.00    | 868,000.00         |                           |                           | 868,000.00       | 1,131,000.00   |
| 03/01/2037 |            | 250,900.00    | 250,900.00         |                           |                           | 250,900.00       |                |
| 09/01/2037 | 625,000    | 250,900.00    | 875,900.00         |                           |                           | 875,900.00       | 1,126,800.00   |
| 03/01/2038 |            | 238,400.00    | 238,400.00         |                           |                           | 238,400.00       |                |
| 09/01/2038 | 650,000    | 238,400.00    | 888,400.00         |                           |                           | 888,400.00       | 1,126,800.00   |
| 03/01/2039 |            | 225,400.00    | 225,400.00         |                           |                           | 225,400.00       |                |
| 09/01/2039 | 680,000    | 225,400.00    | 905,400.00         |                           |                           | 905,400.00       | 1,130,800.00   |
| 03/01/2040 |            | 211,800.00    | 211,800.00         |                           |                           | 211,800.00       |                |
| 09/01/2040 | 705,000    | 211,800.00    | 916,800.00         |                           |                           | 916,800.00       | 1,128,600.00   |
| 03/01/2041 |            | 197,700.00    | 197,700.00         |                           |                           | 197,700.00       |                |
| 09/01/2041 | 735,000    | 197,700.00    | 932,700.00         |                           |                           | 932,700.00       | 1,130,400.00   |
| 03/01/2042 |            | 183,000.00    | 183,000.00         |                           |                           | 183,000.00       |                |
| 09/01/2042 | 760,000    | 183,000.00    | 943,000.00         |                           |                           | 943,000.00       | 1,126,000.00   |
| 03/01/2043 |            | 167,800.00    | 167,800.00         |                           |                           | 167,800.00       |                |
| 09/01/2043 | 795,000    | 167,800.00    | 962,800.00         |                           |                           | 962,800.00       | 1,130,600.00   |
| 03/01/2044 |            | 151,900.00    | 151,900.00         |                           |                           | 151,900.00       |                |
| 09/01/2044 | 825,000    | 151,900.00    | 976,900.00         |                           |                           | 976,900.00       | 1,128,800.00   |
| 03/01/2045 |            | 135,400.00    | 135,400.00         |                           |                           | 135,400.00       |                |
| 09/01/2045 | 855,000    | 135,400.00    | 990,400.00         |                           |                           | 990,400.00       | 1,125,800.00   |
| 03/01/2046 |            | 118,300.00    | 118,300.00         |                           |                           | 118,300.00       |                |
| 09/01/2046 | 890,000    | 118,300.00    | 1,008,300.00       |                           |                           | 1,008,300.00     | 1,126,600.00   |
| 03/01/2047 |            | 100,500.00    | 100,500.00         |                           |                           | 100,500.00       |                |
| 09/01/2047 | 925,000    | 100,500.00    | 1,025,500.00       |                           |                           | 1,025,500.00     | 1,126,000.00   |
| 03/01/2048 |            | 82,000.00     | 82,000.00          |                           |                           | 82,000.00        |                |
| 09/01/2048 | 965,000    | 82,000.00     | 1,047,000.00       |                           |                           | 1,047,000.00     | 1,129,000.00   |
| 03/01/2049 |            | 62,700.00     | 62,700.00          |                           |                           | 62,700.00        |                |
| 09/01/2049 | 1,005,000  | 62,700.00     | 1,067,700.00       |                           |                           | 1,067,700.00     | 1,130,400.00   |
| 03/01/2050 |            | 42,600.00     | 42,600.00          |                           |                           | 42,600.00        |                |
| 09/01/2050 | 1,045,000  | 42,600.00     | 1,087,600.00       |                           |                           | 1,087,600.00     | 1,130,200.00   |
| 03/01/2051 |            | 21,700.00     | 21,700.00          |                           |                           | 21,700.00        |                |
| 09/01/2051 | 1,085,000  | 21,700.00     | 1,106,700.00       | -1,131,000                |                           | -24,300.00       | -2,600.00      |
|            | 18,770,000 | 14,171,323.33 | 32,941,323.33      | -1,131,000                | -32,000                   | 31,778,323.33    | 31,778,323.33  |

**NET DEBT SERVICE**

**TEMESCAL VALLEY WATER DISTRICT**  
**Community Facilities District No. 4 (Terramor)**  
**(Improvement Area No. 2)**  
**2021 Special Tax Bonds**

~~~~~  
Proposed Final Pricing as of 10/13/2021

Period Ending	Principal	Interest	Total Debt Service	Debt Service Reserve Fund	Capitalized Interest Fund	Net Debt Service
09/01/2022		631,923.33	631,923.33		-32,000	599,923.33
09/01/2023	75,000	750,800.00	825,800.00			825,800.00
09/01/2024	270,000	747,800.00	1,017,800.00			1,017,800.00
09/01/2025	390,000	737,000.00	1,127,000.00			1,127,000.00
09/01/2026	405,000	721,400.00	1,126,400.00			1,126,400.00
09/01/2027	425,000	705,200.00	1,130,200.00			1,130,200.00
09/01/2028	440,000	688,200.00	1,128,200.00			1,128,200.00
09/01/2029	460,000	670,600.00	1,130,600.00			1,130,600.00
09/01/2030	475,000	652,200.00	1,127,200.00			1,127,200.00
09/01/2031	495,000	633,200.00	1,128,200.00			1,128,200.00
09/01/2032	515,000	613,400.00	1,128,400.00			1,128,400.00
09/01/2033	535,000	592,800.00	1,127,800.00			1,127,800.00
09/01/2034	555,000	571,400.00	1,126,400.00			1,126,400.00
09/01/2035	580,000	549,200.00	1,129,200.00			1,129,200.00
09/01/2036	605,000	526,000.00	1,131,000.00			1,131,000.00
09/01/2037	625,000	501,800.00	1,126,800.00			1,126,800.00
09/01/2038	650,000	476,800.00	1,126,800.00			1,126,800.00
09/01/2039	680,000	450,800.00	1,130,800.00			1,130,800.00
09/01/2040	705,000	423,600.00	1,128,600.00			1,128,600.00
09/01/2041	735,000	395,400.00	1,130,400.00			1,130,400.00
09/01/2042	760,000	366,000.00	1,126,000.00			1,126,000.00
09/01/2043	795,000	335,600.00	1,130,600.00			1,130,600.00
09/01/2044	825,000	303,800.00	1,128,800.00			1,128,800.00
09/01/2045	855,000	270,800.00	1,125,800.00			1,125,800.00
09/01/2046	890,000	236,600.00	1,126,600.00			1,126,600.00
09/01/2047	925,000	201,000.00	1,126,000.00			1,126,000.00
09/01/2048	965,000	164,000.00	1,129,000.00			1,129,000.00
09/01/2049	1,005,000	125,400.00	1,130,400.00			1,130,400.00
09/01/2050	1,045,000	85,200.00	1,130,200.00			1,130,200.00
09/01/2051	1,085,000	43,400.00	1,128,400.00	-1,131,000		-2,600.00
	18,770,000	14,171,323.33	32,941,323.33	-1,131,000	-32,000	31,778,323.33

CALL PROVISIONS

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 (Terramor)
(Improvement Area No. 2)
2021 Special Tax Bonds

Proposed Final Pricing as of 10/13/2021

Call Table: CALL

<u>Call Date</u>	<u>Call Price</u>
09/01/2028	103.00
09/01/2029	102.00
09/01/2030	101.00
09/01/2031	100.00

BOND SOLUTION

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4 (Terramor)
(Improvement Area No. 2)
2021 Special Tax Bonds

~~~~~  
**Proposed Final Pricing as of 10/13/2021**

| <b>Period Ending</b> | <b>Proposed Principal</b> | <b>Proposed Debt Service</b> | <b>Capitalized Interest</b> | <b>Total Adj Debt Service</b> | <b>Revenue Constraints</b> | <b>Unused Revenues</b> | <b>Debt Serv Coverage</b> |
|----------------------|---------------------------|------------------------------|-----------------------------|-------------------------------|----------------------------|------------------------|---------------------------|
| 09/01/2022           |                           | 631,923                      | -32,000                     | 599,923                       | 659,921                    | 59,998                 | 110.00089%                |
| 09/01/2023           | 75,000                    | 825,800                      |                             | 825,800                       | 909,248                    | 83,448                 | 110.10511%                |
| 09/01/2024           | 270,000                   | 1,017,800                    |                             | 1,017,800                     | 1,123,172                  | 105,372                | 110.35292%                |
| 09/01/2025           | 390,000                   | 1,127,000                    |                             | 1,127,000                     | 1,244,107                  | 117,107                | 110.39104%                |
| 09/01/2026           | 405,000                   | 1,126,400                    |                             | 1,126,400                     | 1,244,107                  | 117,707                | 110.44984%                |
| 09/01/2027           | 425,000                   | 1,130,200                    |                             | 1,130,200                     | 1,244,107                  | 113,907                | 110.07848%                |
| 09/01/2028           | 440,000                   | 1,128,200                    |                             | 1,128,200                     | 1,244,107                  | 115,907                | 110.27362%                |
| 09/01/2029           | 460,000                   | 1,130,600                    |                             | 1,130,600                     | 1,244,107                  | 113,507                | 110.03954%                |
| 09/01/2030           | 475,000                   | 1,127,200                    |                             | 1,127,200                     | 1,244,107                  | 116,907                | 110.37145%                |
| 09/01/2031           | 495,000                   | 1,128,200                    |                             | 1,128,200                     | 1,244,107                  | 115,907                | 110.27362%                |
| 09/01/2032           | 515,000                   | 1,128,400                    |                             | 1,128,400                     | 1,244,107                  | 115,707                | 110.25408%                |
| 09/01/2033           | 535,000                   | 1,127,800                    |                             | 1,127,800                     | 1,244,107                  | 116,307                | 110.31273%                |
| 09/01/2034           | 555,000                   | 1,126,400                    |                             | 1,126,400                     | 1,244,107                  | 117,707                | 110.44984%                |
| 09/01/2035           | 580,000                   | 1,129,200                    |                             | 1,129,200                     | 1,244,107                  | 114,907                | 110.17597%                |
| 09/01/2036           | 605,000                   | 1,131,000                    |                             | 1,131,000                     | 1,244,107                  | 113,107                | 110.00062%                |
| 09/01/2037           | 625,000                   | 1,126,800                    |                             | 1,126,800                     | 1,244,107                  | 117,307                | 110.41063%                |
| 09/01/2038           | 650,000                   | 1,126,800                    |                             | 1,126,800                     | 1,244,107                  | 117,307                | 110.41063%                |
| 09/01/2039           | 680,000                   | 1,130,800                    |                             | 1,130,800                     | 1,244,107                  | 113,307                | 110.02007%                |
| 09/01/2040           | 705,000                   | 1,128,600                    |                             | 1,128,600                     | 1,244,107                  | 115,507                | 110.23454%                |
| 09/01/2041           | 735,000                   | 1,130,400                    |                             | 1,130,400                     | 1,244,107                  | 113,707                | 110.05901%                |
| 09/01/2042           | 760,000                   | 1,126,000                    |                             | 1,126,000                     | 1,244,107                  | 118,107                | 110.48908%                |
| 09/01/2043           | 795,000                   | 1,130,600                    |                             | 1,130,600                     | 1,244,107                  | 113,507                | 110.03954%                |
| 09/01/2044           | 825,000                   | 1,128,800                    |                             | 1,128,800                     | 1,244,107                  | 115,307                | 110.21501%                |
| 09/01/2045           | 855,000                   | 1,125,800                    |                             | 1,125,800                     | 1,244,107                  | 118,307                | 110.50870%                |
| 09/01/2046           | 890,000                   | 1,126,600                    |                             | 1,126,600                     | 1,244,107                  | 117,507                | 110.43023%                |
| 09/01/2047           | 925,000                   | 1,126,000                    |                             | 1,126,000                     | 1,244,107                  | 118,107                | 110.48908%                |
| 09/01/2048           | 965,000                   | 1,129,000                    |                             | 1,129,000                     | 1,244,107                  | 115,107                | 110.19548%                |
| 09/01/2049           | 1,005,000                 | 1,130,400                    |                             | 1,130,400                     | 1,244,107                  | 113,707                | 110.05901%                |
| 09/01/2050           | 1,045,000                 | 1,130,200                    |                             | 1,130,200                     | 1,244,107                  | 113,907                | 110.07848%                |
| 09/01/2051           | 1,085,000                 | 1,128,400                    |                             | 1,128,400                     | 1,244,107                  | 115,707                | 110.25408%                |
|                      | <b>18,770,000</b>         | <b>32,941,323</b>            | <b>-32,000</b>              | <b>32,909,323</b>             | <b>36,283,230</b>          | <b>3,373,907</b>       |                           |

**FORMULA VERIFICATION**

**TEMESCAL VALLEY WATER DISTRICT  
Community Facilities District No. 4 (Terramor)  
(Improvement Area No. 2)  
2021 Special Tax Bonds**

~~~~~  
Proposed Final Pricing as of 10/13/2021

Component	Formula	Vector	Value
DSRF	10% of Reasonable Par Amount		2,097,125.88
DSRF	Maximum annual Debt Service		1,131,000.00
DSRF	125% of average annual adjusted Debt Service		1,379,837.62
DSRF	Debt Service Reserve Fund		1,131,000.00
CAPI	Adjusted Bond Interest accrued through 9/1/2022	V1	

Date	V1
03/01/2022	256,523.33
09/01/2022	375,400.00
	631,923.33

FORM 8038 STATISTICS

TEMESCAL VALLEY WATER DISTRICT Community Facilities District No. 4 (Terramor) (Improvement Area No. 2) 2021 Special Tax Bonds

~~~~~ Proposed Final Pricing as of 10/13/2021

Dated Date 10/28/2021
Delivery Date 10/28/2021

Bond Component	Date	Principal	Coupon	Price	Issue Price	Redemption at Maturity
Serial Bond:						
	09/01/2023	75,000.00	4.000%	105.591	79,193.25	75,000.00
	09/01/2024	270,000.00	4.000%	107.944	291,448.80	270,000.00
	09/01/2025	390,000.00	4.000%	109.611	427,482.90	390,000.00
	09/01/2026	405,000.00	4.000%	111.087	449,902.35	405,000.00
	09/01/2027	425,000.00	4.000%	111.909	475,613.25	425,000.00
	09/01/2028	440,000.00	4.000%	112.658	495,695.20	440,000.00
	09/01/2029	460,000.00	4.000%	113.282	521,097.20	460,000.00
	09/01/2030	475,000.00	4.000%	113.611	539,652.25	475,000.00
	09/01/2031	495,000.00	4.000%	113.062	559,656.90	495,000.00
Term Bond 2036:						
	09/01/2032	515,000.00	4.000%	113.131	582,624.65	515,000.00
	09/01/2033	535,000.00	4.000%	113.131	605,250.85	535,000.00
	09/01/2034	555,000.00	4.000%	113.131	627,877.05	555,000.00
	09/01/2035	580,000.00	4.000%	113.131	656,159.80	580,000.00
	09/01/2036	605,000.00	4.000%	113.131	684,442.55	605,000.00
Term Bond 2041:						
	09/01/2037	625,000.00	4.000%	112.245	701,531.25	625,000.00
	09/01/2038	650,000.00	4.000%	112.245	729,592.50	650,000.00
	09/01/2039	680,000.00	4.000%	112.245	763,266.00	680,000.00
	09/01/2040	705,000.00	4.000%	112.245	791,327.25	705,000.00
	09/01/2041	735,000.00	4.000%	112.245	825,000.75	735,000.00
Term Bond 2046:						
	09/01/2042	760,000.00	4.000%	111.234	845,378.40	760,000.00
	09/01/2043	795,000.00	4.000%	111.234	884,310.30	795,000.00
	09/01/2044	825,000.00	4.000%	111.234	917,680.50	825,000.00
	09/01/2045	855,000.00	4.000%	111.234	951,050.70	855,000.00
	09/01/2046	890,000.00	4.000%	111.234	989,982.60	890,000.00
Term Bond 2051:						
	09/01/2047	925,000.00	4.000%	110.966	1,026,435.50	925,000.00
	09/01/2048	965,000.00	4.000%	110.966	1,070,821.90	965,000.00
	09/01/2049	1,005,000.00	4.000%	110.966	1,115,208.30	1,005,000.00
	09/01/2050	1,045,000.00	4.000%	110.966	1,159,594.70	1,045,000.00
	09/01/2051	1,085,000.00	4.000%	110.966	1,203,981.10	1,085,000.00
		18,770,000.00			20,971,258.75	18,770,000.00

	Maturity Date	Interest Rate	Issue Price	Stated Redemption at Maturity	Weighted Average Maturity	Yield
Final Maturity	09/01/2051	4.000%	1,203,981.10	1,085,000.00		
Entire Issue			20,971,258.75	18,770,000.00	18.8481	2.4414%

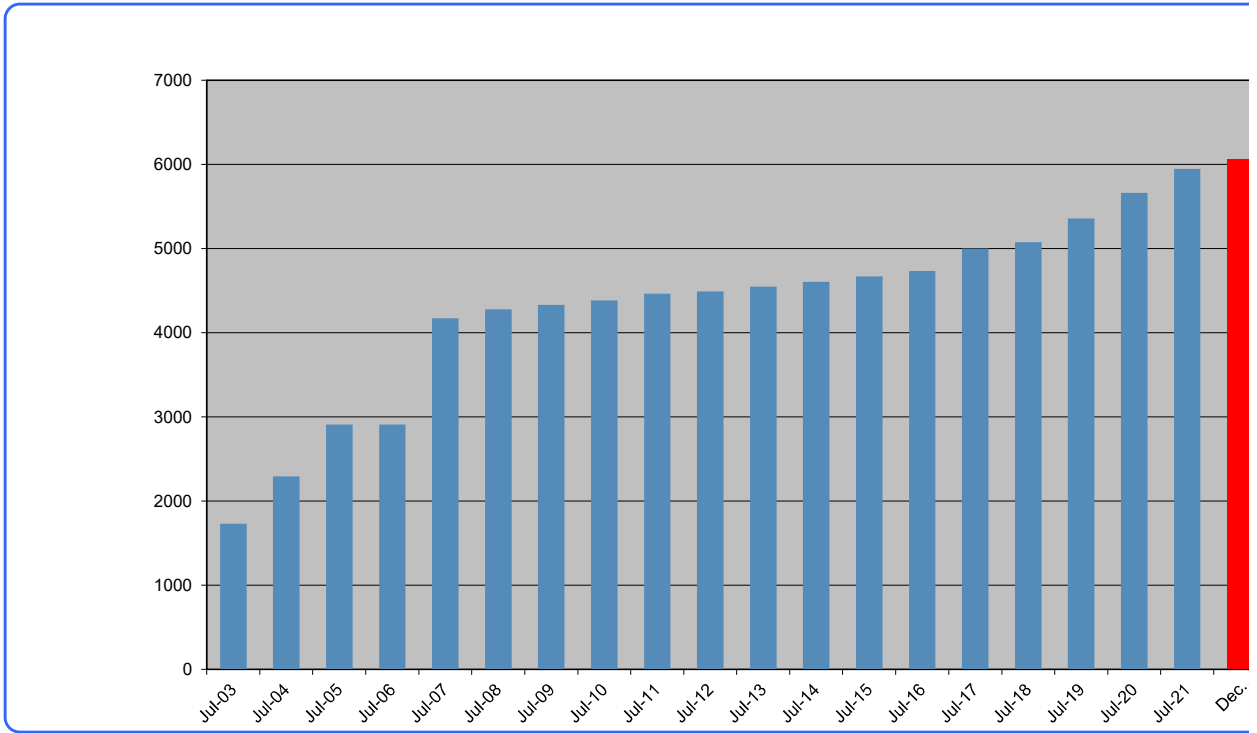
Proceeds used for accrued interest	0.00
Proceeds used for bond issuance costs (including underwriters' discount)	422,085.00
Proceeds used for credit enhancement	0.00
Proceeds allocated to reasonably required reserve or replacement fund	1,131,000.00

Seg.	Package	Est. Submittal Amt.
RCTLMA (CFD - TCR)		
1-4-1	Bridge & Offsite Roadway - St. Improve.	6,374,781.91
RCTLMA (TOTAL)		6,374,781.91
TVWD (CFD)		
1-5	TCR - Dry Utility Improvements	659,438.08
Subtotal (TCR)		659,438.08
2-1	Ph. 1 Backbone Potable Water Improvements	1,595,013.72
2-1-2	Sycamore Creek Potable Pump Station	474,119.15
2-2	Ph. 1 Backbone Non-Potable Water Improvements	566,213.98
2-2-2	Sycamore Creek Non-Potable Pump Station	232,770.50
2-3	Ph. 1 Backbone Sewer Improvements	738,509.54
2-4	Ph. 1 Backbone Dry Utility Improvements	1,471,098.92
2-8	Ph. 1 Environmental Mitigation (TVWD)	864,460.33
	(Indirects) LLWD / TVWD - Various Segments	668,142.17
Subtotal (Phase I)		6,610,328.31
3-1	Ph. 2 Backbone Potable Water Improvements	527,611.32
3-1-2	Ph. 2 Potable Water 1509 Zone Reservoir Facility	1,805,812.05
3-2	Ph. 2 Backbone Non-Potable Water Improvements	275,734.97
3-2-1	Ph. 2 Non-Potable Water 1486 Zone Reservoir Facility	1,805,812.05
3-3	Ph. 2 Backbone Sewer Improvements	479,421.57
3-7	Ph. 2 1320 Zone Reservoir Capacity Buy-in	158,100.00
Subtotal (Phase II)		5,052,491.94
	Sewer Treatment Plant Expansion	2,000,000.00
TVWD (TOTAL)		14,322,258.33
RCFCD (CFD)		
2-5	Ph. 1 Backbone Storm Drain Improvements	3,472,817.57
3-5	Ph. 2 Backbone Storm Drain Improvements	1,454,853.48
RCFCD (TOTAL)		4,927,671.05

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	852	59% 15 MODELS
Harmony Grove	50	50	100%
	<u>6649</u>	<u>6058</u>	91%

TOTAL CUSTOMER COUNT REPORT

November 30, 2021

FOR THE MONTH OF OCTOBER 2021

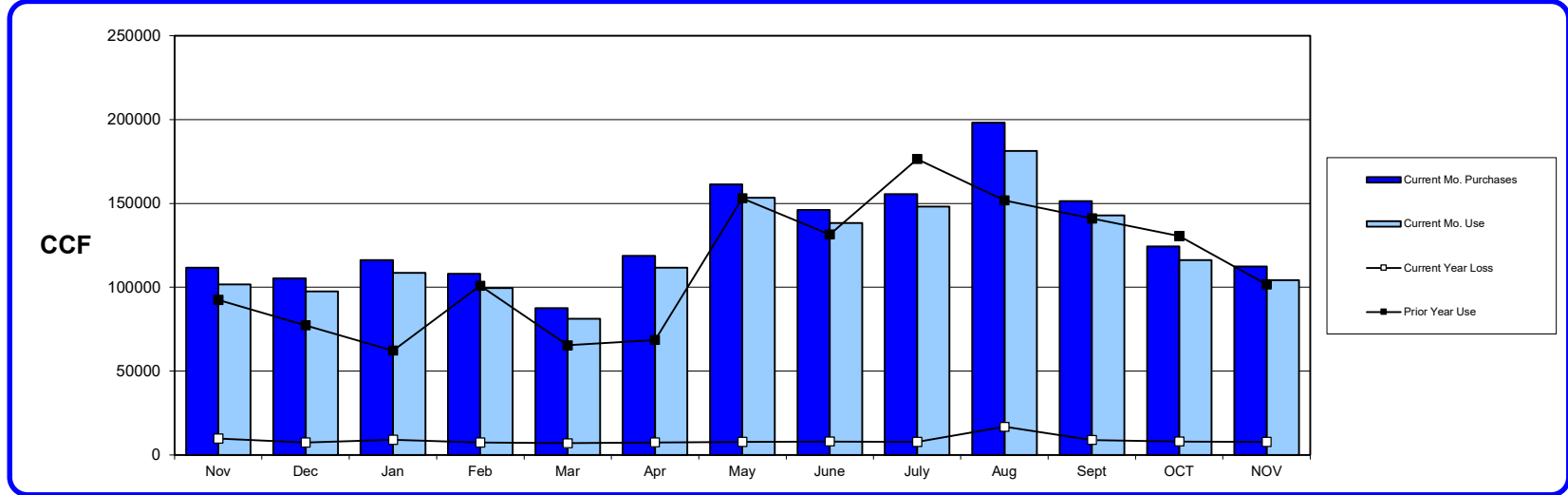
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 12 Accts closed/transf 45 Empty Homes 0			Butterfield (305) Calif. Meadows (345)	
Residential	6004	2	650	6656
Commercial	99	0	2	101
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	68	0	68
Non-Potable Water other	0	156	0	156
Construction-Bulk Sales	0	15	0	15
Total Active Customers	6148	242	652	7042

DELINQUENT REPORT

Meters Read - Customers Billed	6349	
Received Delinquent Notice on current bill	525	
Turned Off for lack of payment	0	0.00%
Customers turned back on, amount paid	0	0.00%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	NOV	TOTAL
Beg Water Levels	13198	13498	13953	12583	13762	13202	12786	12967	12886	12791	13105	12830	13091	
Ending Water Levels	13498	13953	12583	13762	13202	12786	12967	12886	12791	13105	12830	13091	13383	
Cur Yearly Purchases	111645	107974	116252	107974	87618	118676	161255	155626	155626	198282	151403	124397	112327	1709055
Cur Yr Monthly Use	101649	99436	108646	99436	81228	111662	153372	148077	148077	181209	142826	116129	104291	1596038
Prior Yr Monthly Use	92435	100925	62210	100925	65393	68501	153127	131536	176462	151828	141011	130445	101649	1476447



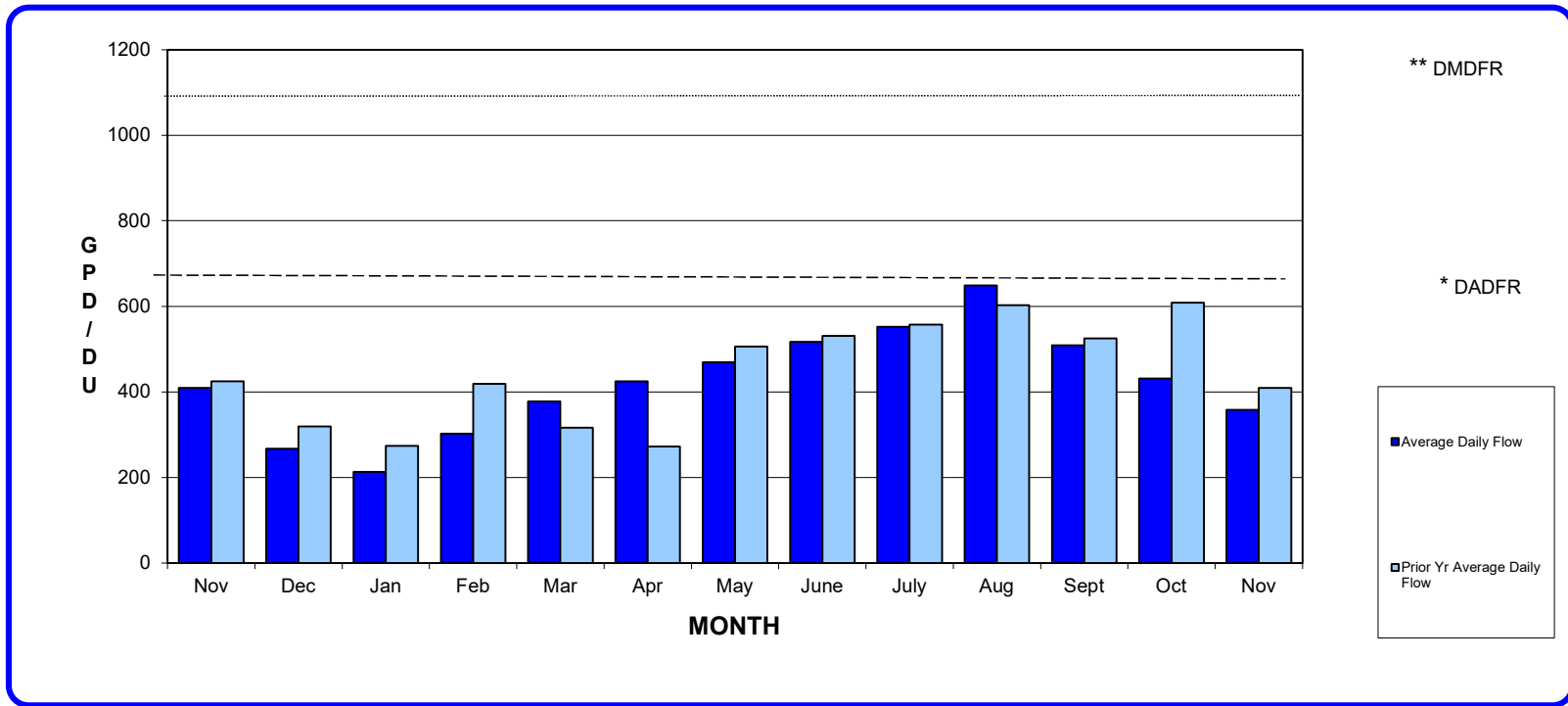
KEY

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

SUMMARY	
Beginning Water in System	13198 CCF
Water Purchased in last 13 months	1709055 CCF
Water Used in last 13 months	1596038 CCF
Water Remaining in System	13383 CCF
(Loss)/Gain over last 13 months	(112832) CCF
	-6.60%

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

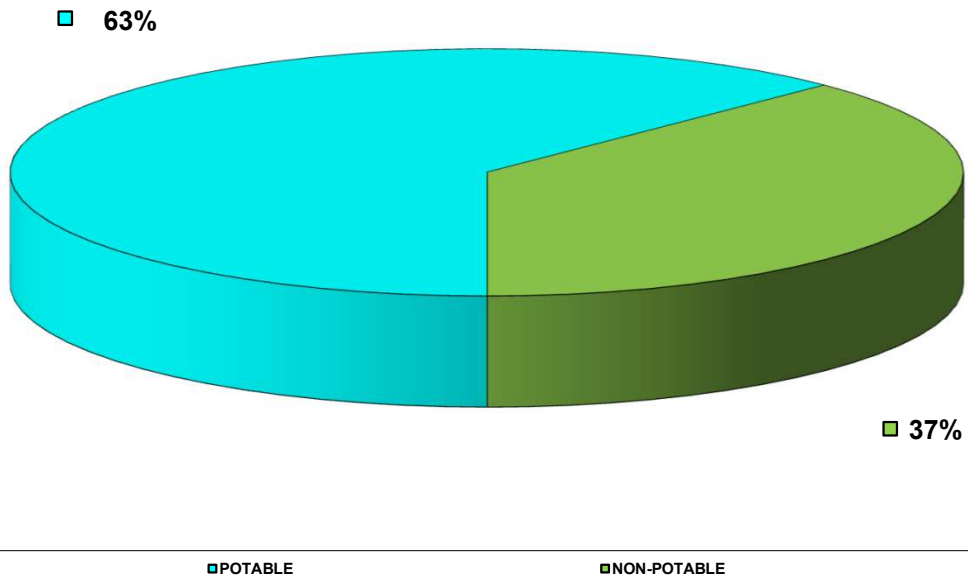
	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	YEARLY AVERAGE
Average Daily Flow	409	267	213	302	378	425	470	517	552	648	508	432	358	422
Prior Yr Average Daily Flow	424	319	274	419	316	272	506	531	557	603	525	608	409	445



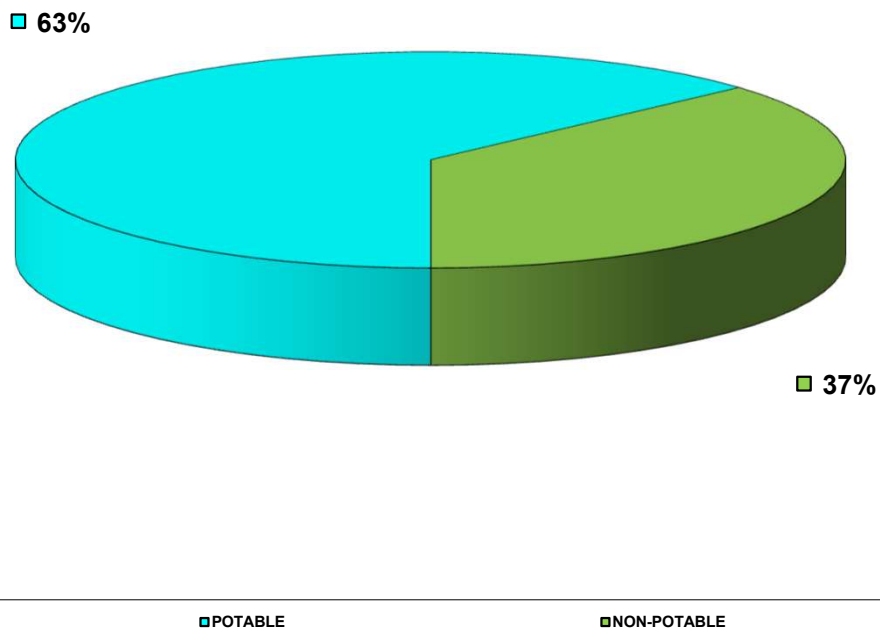
Key
2019-2020
2020-2021
2021-2022

* 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 Five Month Ending November 30, 2021
F/Y 2021-2022**

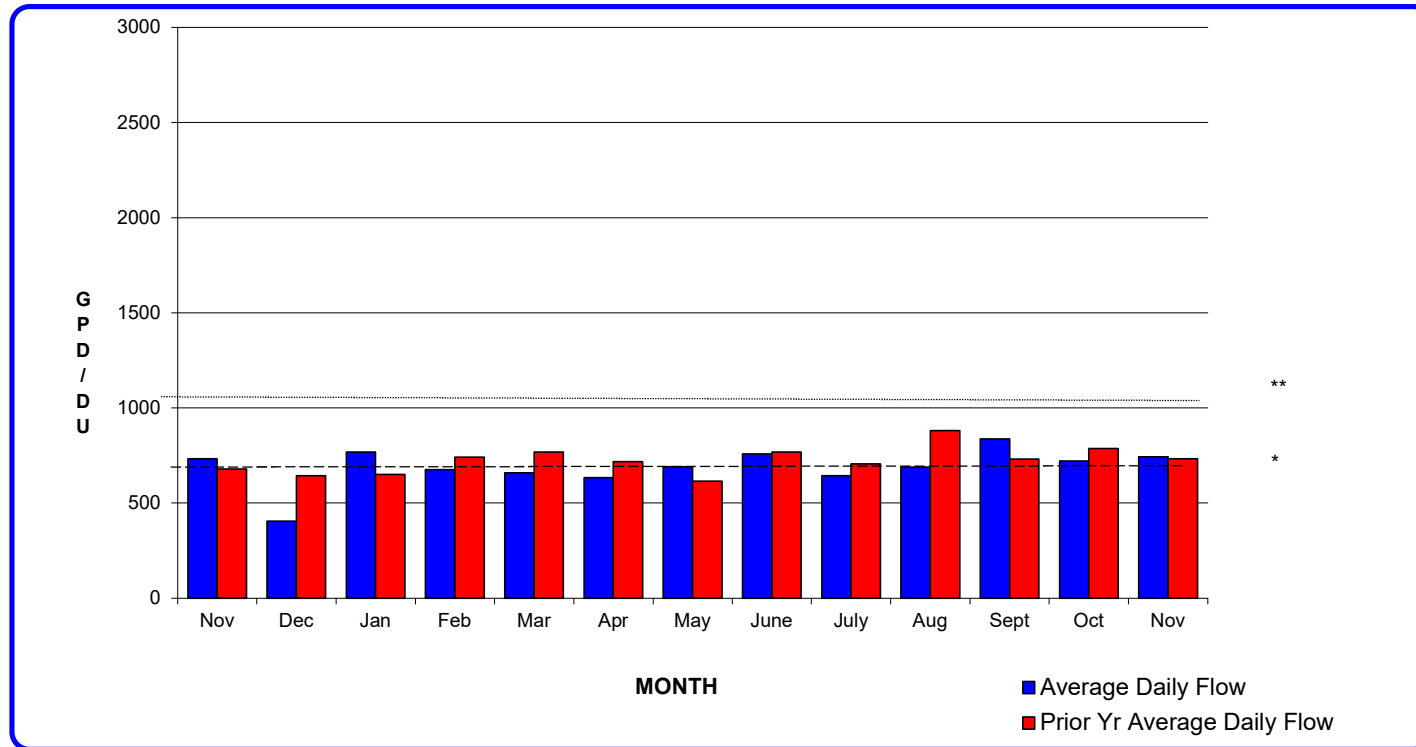


**Temescal Valley Water District
Water Volume Sold
For F/Y 2020-2021
Twelve Months**



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

	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	YEARLY AVERAGE
Average Daily Flow	732	405	768	676	660	634	691	758	643	689	838	721	744	686
Prior Yr Average Daily Flow	679	644	651	742	769	717	615	769	705	881	730	788	732	1249



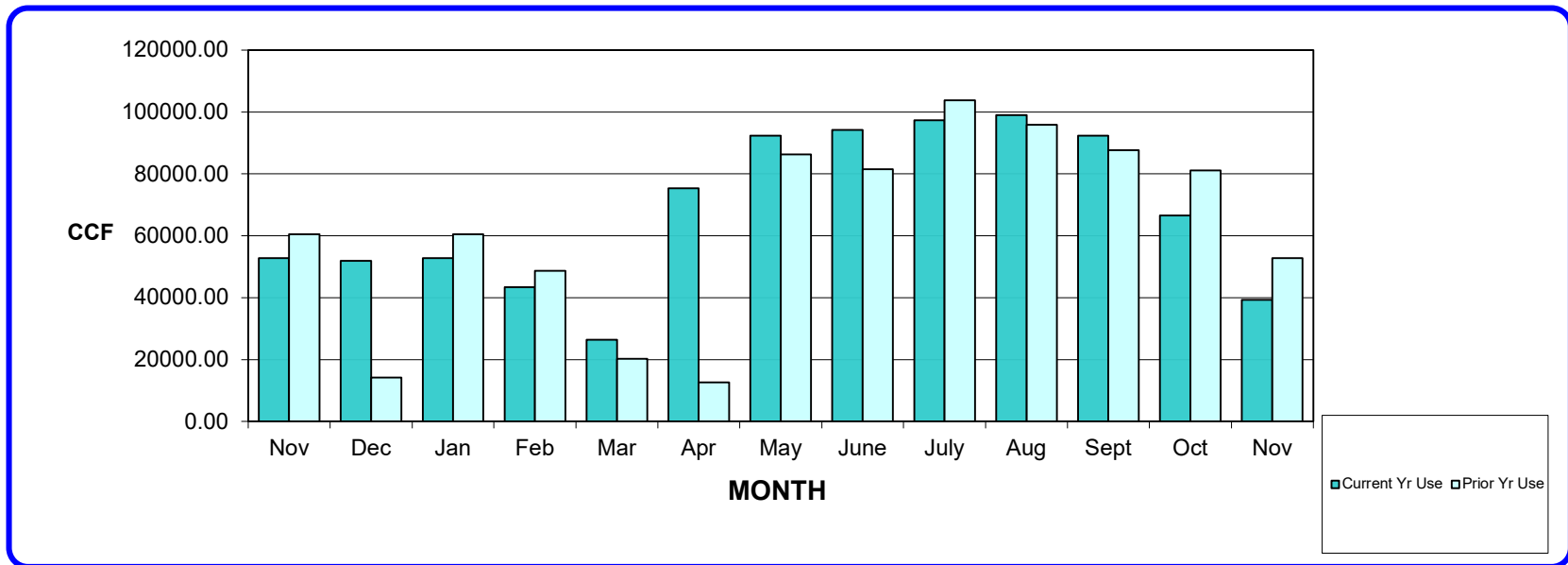
Key
2019-2020
2020-2021
2021-2022

* 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

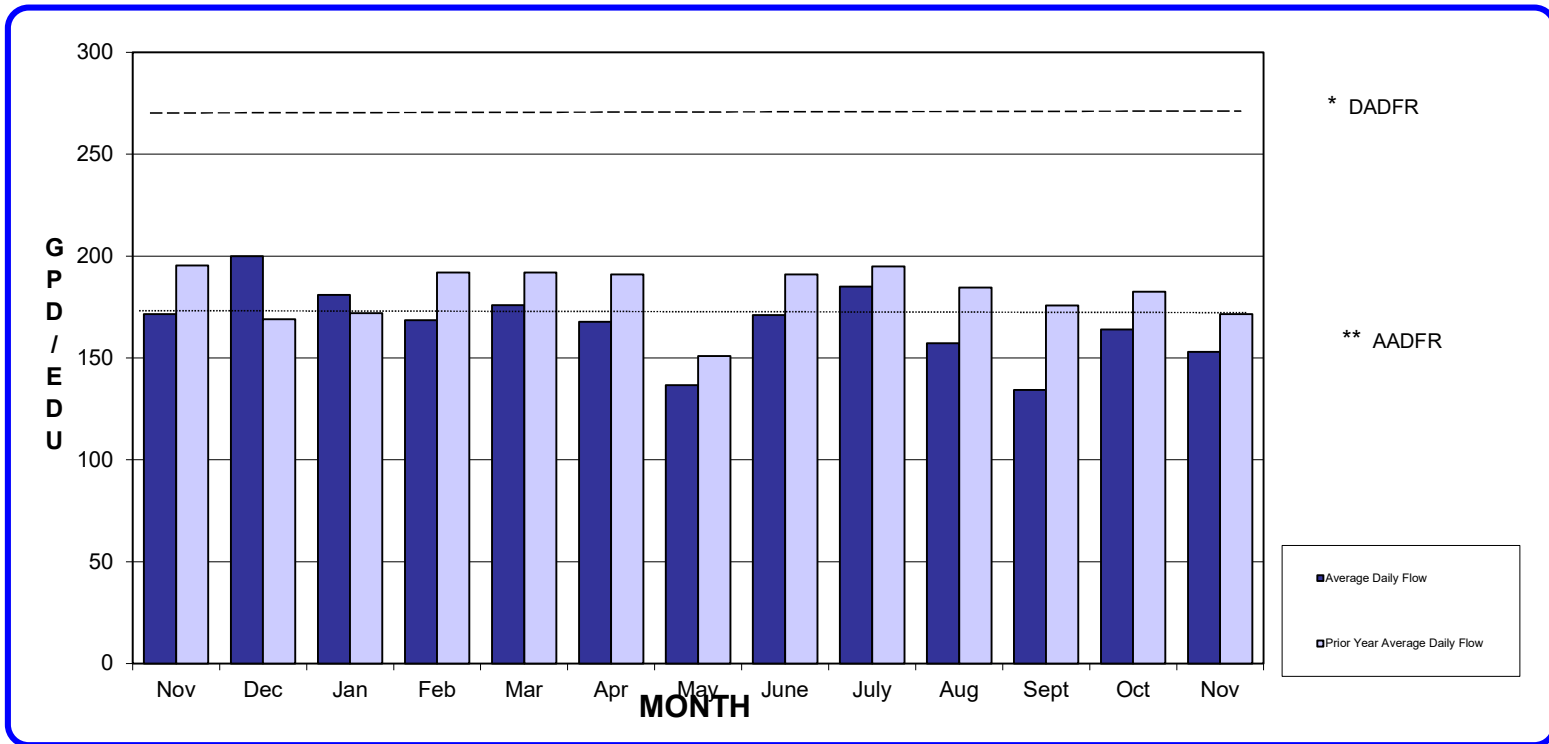
	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
Current Yr Use	52720.00	51836.00	52720.00	43322.39	26400.23	75335.76	92363.00	94145.68	97230.00	98914.00	92269.57	66474.53	39347.42
Prior Yr Use	60473.74	14232.16	60473.74	48679.88	20213.59	12552.04	86301.85	81489.94	103731.39	95840.25	87622.51	81051.36	52720.00
Revenue	\$182,589	\$174,764	\$182,589	\$136,309	\$136,464	\$ 221,743.00	\$265,178	\$268,857	\$306,524	\$311,579	\$262,607	\$262,607	\$180,268



Key	
2019-2020	
2020-2021	
2021-2022	

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

	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	12-Month Average
Average Daily Flow	172	200	181	169	176	168	137	171	185	157	134	164	153	181
Prior Year Average Daily Flow	195	169	172	192	192	191	151	191	195	185	176	183	172	181



** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

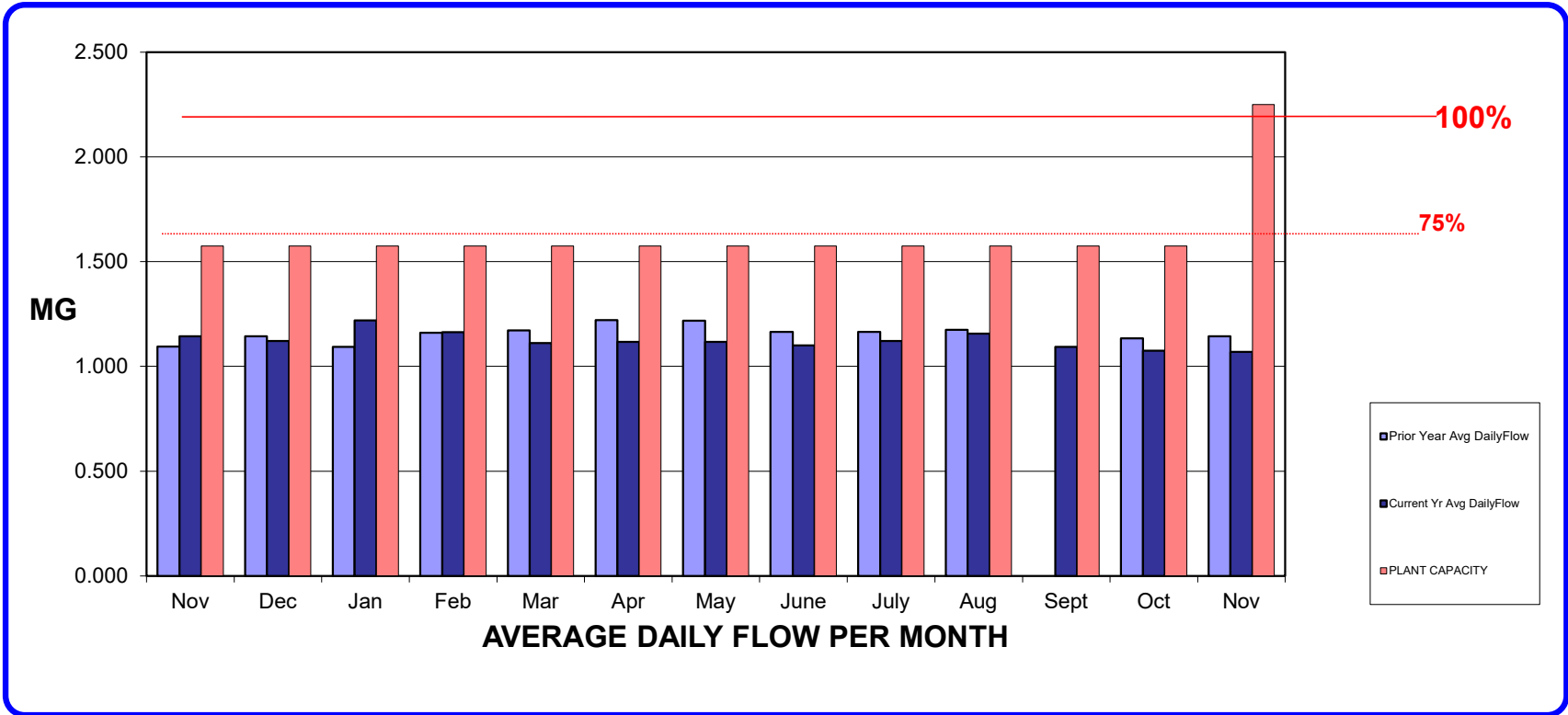
RECLAMATION PLANT FLOW REPORT

AVERAGE DAILY FLOW (Million Gallons)

FOR THE MONTH OF OCTOBER 2021

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

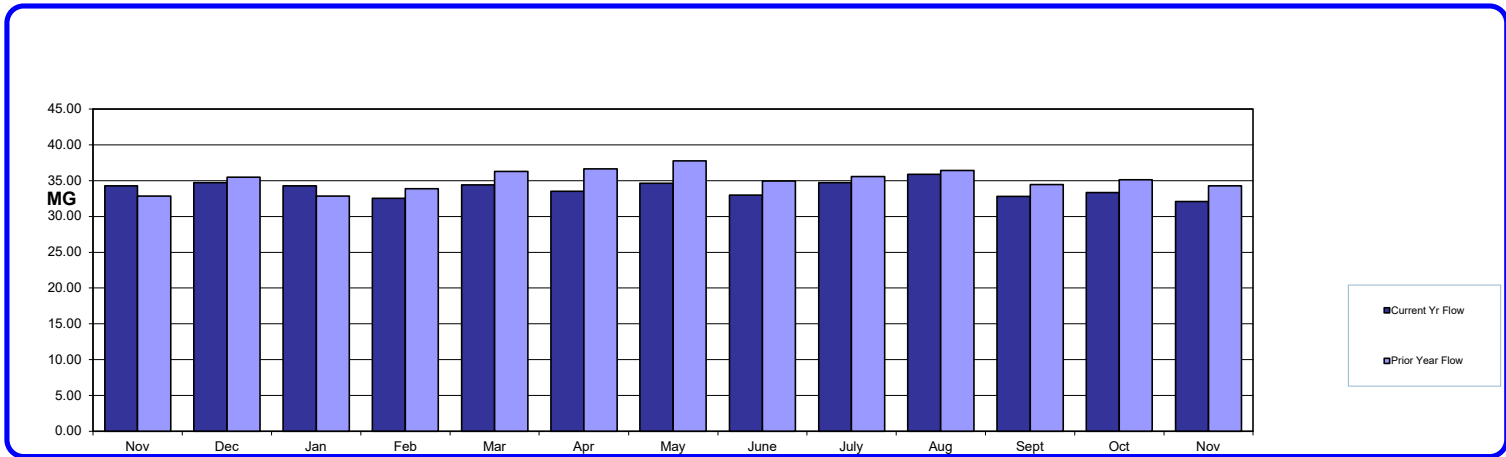
	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
Current Yr Avg DailyFlow	1.1430	1.1210	1.2200	1.1630	1.1110	1.1170	1.1180	1.1000	1.1210	1.1570	1.0940	1.0760	1.0690
Prior Year Avg DailyFlow	1.0950	1.1440	1.0930	1.1610	1.1720	1.2210	1.2190	1.1650	1.1650	1.1750	Current Yr	1.1340	1.1430
PLANT CAPACITY	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	2.250



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

	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Total/yr
Current Yr Flow	34.28	34.75	34.28	32.56	34.44	33.50	34.66	33.00	34.76	35.87	32.82	33.36	32.07	406.06
Prior Year Flow	32.84	35.47	32.84	33.87	36.30	36.65	37.78	34.95	35.59	36.44	34.47	35.14	34.28	423.77

Potential Revenue \$145,031 \$145,031 \$145,031 \$145,031 \$136,310 \$133,906 \$138,527 \$131,912 \$138,935 \$143,388 \$131,180 \$133,351 \$128,190 \$1,650,793

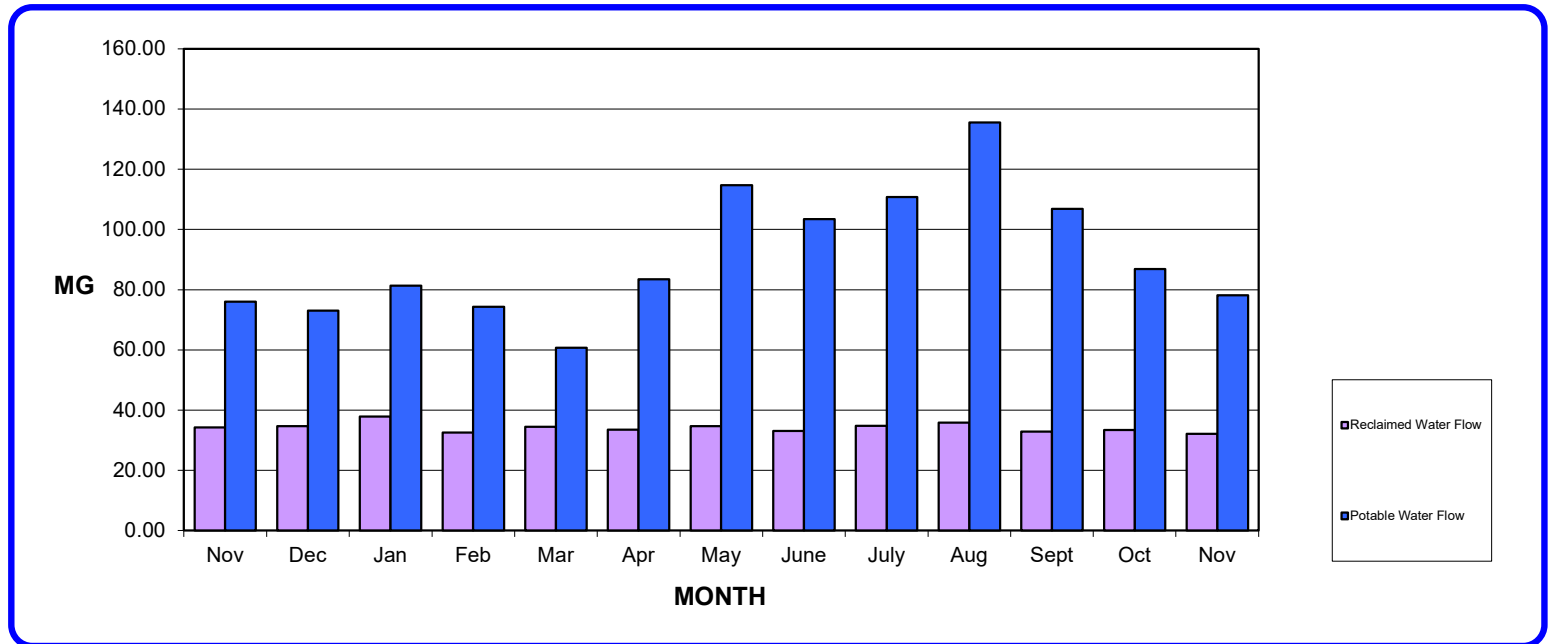


Key	
■	2019-22020
■	2020-2021
■	2021-2020

Note - recycled water only

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

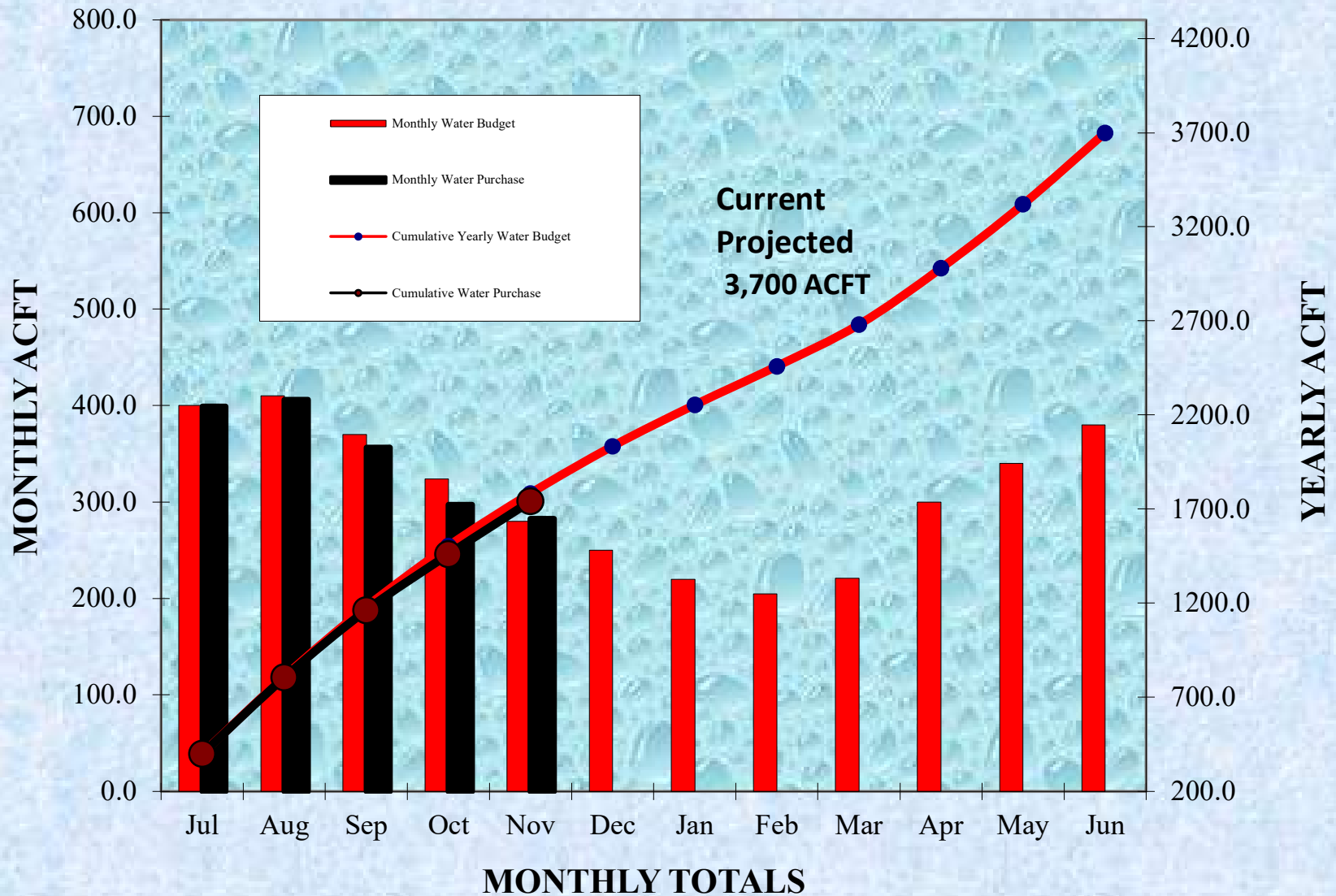
	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
No. of Sewer Dwelling Units Connected	6708	6751	6753	6793	6807	6798	6884	6896	6923	6923	6954	6983	6985
Reclaimed Water Flow	34.28	34.75	37.81	32.56	34.44	33.50	34.66	33.00	34.76	35.87	32.82	33.36	32.07
Potable Water Flow	76.03	72.98	81.27	74.38	60.76	83.52	114.72	103.44	110.76	135.54	106.83	86.87	78.10



WHOLESALE BUDGET vs PURCHASE

Water Year July 2021 through June 2022

3700 ACFT PROJECTION)





December 21, 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.
 - Final Structure – Primary Clarifier will be started up after the Holidays.
- Trilogy Parkway Road Looping:
 - Finished 12-17-21

MEMORANDUM

DATE: December 21, 2021

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: Project: Phase IV Water Reclamation Facility Expansion Project –Payment Request 25
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 -	\$84,051.57
5% retention -	\$ 4,202.58
Earned less retention -	\$79,848.99

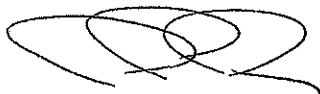
DUE - Contractor \$79,848.99

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the payment of \$84,051.57 which is a current payment of \$79,848.99 to the Contractor and a retention payment of \$4,202.58 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 Retainage	PHC	FORESTAR Retainage	PHC	Retainage 5.00%	PHC 95.00%
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	\$ 886,510.00	\$ 295,503.33	\$ 591,006.67	\$ 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
12/31/2021	12/14/2021	12/16/2021	12/21/2021	Request No. 25	\$ 16,964,931.22	\$ 84,051.57	\$ 28,017.19	\$ 56,034.38	\$ 1,400.86	\$ 26,616.33	\$ 2,801.72	\$ 53,232.66	\$ 4,202.58	\$ 79,848.99
TOTALS TO DATE						\$ 16,964,931.22	\$ 5,654,977.07	\$ 11,309,954.15	\$ 282,748.85	\$ 5,372,228.22	\$ 565,497.71	\$ 10,744,456.44	\$ 848,246.56	\$ 16,116,684.66

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 Extensions	\$ 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

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

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

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

APPLICATION # 25
PERIOD THRU: 12/31/2021
Owner Project #:
DATE OF CONTRACT: 8/16/2019

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

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)	16,964,931.22
5. RETAINAGE:	
A. 5% Of Completed Work (Columns D+ E on Continuation Page)	848,246.55
B. 5% of Material Stored (Column F on Continuation Page)	0.00
Total Retainage (Line 5a + 5b or Column I on Continuation Page)	848,246.55
6. TOTAL COMPLETED AND STORED LESS RETAINAGE: (Line 4 minus Line 5 Total)	16,116,684.67
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT:	16,036,835.68
8. CURRENT PAYMENT DUE:	79,848.99
9. BALANCE HELD BY OWNER: Line 3 - Line 6	857,796.55

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: 12/14/2021

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

By: *Bob Weber* Date: 12/15/2021

INSPECTOR: TEMESCAL VALLEY WATER DISTRICT
Inspector's signature below:

By: *Selma Kea* Date: 12-15-2021

OWNER'S CERTIFICATION

CERTIFIED AMOUNT:79,848.99

OWNER: TEMESCAL VALLEY WATER DISTRICT
Owner's signature below

By: *[Signature]* Date: 12/16/21

PAYMENT APPLICATION DETAILS

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

Application Number: 25
For Period Ending: 12/31/2021

A	B	C	D			E	F	G		H	I
Item Number - Description	Scheduled Value	From Previous Application	Work Completed			Materials Presently Stored	Completed and Stored To Date	Total %	Balance To Finish	Retainage Value	
			This Period Value	Total Percent this Period							
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	803,500.00	13,500.00	1.65%	0.00	817,000.00	99.63	3,000.00	40,850.00	
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 FACILTIES	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 FACILTIES	30,000.00	22500.00	7,500.00	25.00%	0.00	30000.00	100.00	0.00	1,500.00	
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	6,000.00	20.00%	0.00	27000.00	90.00	3,000.00	1,350.00	
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 FACILTIES	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	454,900.00	0.00	0.00%	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	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
10	ASPHALT FINE GRADING, ETC.	219,100.00	213,100.00	6,000.00	2.74%	0.00	219,100.00	100.00	0.00	10,955.00
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	60000.00	0.00	0.00%	0.00	60000.00	100.00	0.00	3,000.00
10.04	AC PAVING	45,000.00	45000.00	0.00	0.00%	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	11000.00	0.00	0.00%	0.00	11000.00	100.00	0.00	550.00
10.08	FOG SEAL	6,000.00	0.00	6,000.00	100.00%	0.00	6000.00	100.00	0.00	300.00
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	339,300.00	0.00	0.00%	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	9000.00	0.00	0.00%	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	3,150,200.00	40,000.00	1.25%	0.00	3,190,200.00	100.00	0.00	159,510.00
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	17500.00	0.00	0.00%	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	45000.00	5,000.00	10.00%	0.00	50000.00	100.00	0.00	2,500.00
15.22	PAINTING AND COATING	250,000.00	250000.00	0.00	0.00%	0.00	250000.00	100.00	0.00	12,500.00
15.23	WATERPROOFING	35,000.00	0.00	35,000.00	100.00%	0.00	35000.00	100.00	0.00	1,750.00
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	1,907,100.00	0.00	0.00%	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	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
18.14	POUR THICKENED WALL	75,000.00	75000.00	0.00	0.00%	0.00	75000.00	100.00	0.00	3,750.00
18.15	STRIP THICKENED WALL	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
18.16	CURE THICKENED WALL	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
18.17	PATCH THICKENED WALL	10,000.00	10000.00	0.00	0.00%	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	6,250.00	0.39%	0.00	1,598,900.00	100.00	0.00	79,945.00
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	6,250.00	5.00%	0.00	125000.00	100.00	0.00	6,250.00
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	308,000.00	0.00	0.00%	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	10000.00	0.00	0.00%	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	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	894,500.00	2,500.00	0.28%	0.00	897,000.00	99.72	2,500.00	44,850.00
31.01	CONTROL SYSTEM ENGINEERING & DRAWINGS	20,000.00	20,000.00	0.00	0.00%	0.00	20,000.00	100.00	0.00	1,000.00
31.02	FURNISH FIELD INSTRUMENTS	120,000.00	120,000.00	0.00	0.00%	0.00	120,000.00	100.00	0.00	6,000.00
31.03	FURNISH MCC-1, MCC-2, VFD AND BUCKETS	160,000.00	160,000.00	0.00	0.00%	0.00	160,000.00	100.00	0.00	8,000.00
31.04	FURNISH & INSTALL PRECAST PULL BOXES	114,500.00	114,500.00	0.00	0.00%	0.00	114,500.00	100.00	0.00	5,725.00
31.05	ELECTRICAL DUCTBANK TERTIARY FILTER	50,000.00	50,000.00	0.00	0.00%	0.00	50,000.00	100.00	0.00	2,500.00
31.06	ELECTRICAL DUCTBANK AEROBIC DIGESTOR	60,000.00	60,000.00	0.00	0.00%	0.00	60,000.00	100.00	0.00	3,000.00
31.07	ELECTRICAL DUCTBANK CHEMICAL HANDLING	30,000.00	30,000.00	0.00	0.00%	0.00	30,000.00	100.00	0.00	1,500.00
31.08	ELECTRICAL DUCTBANK PRIMARY SED	55,000.00	55,000.00	0.00	0.00%	0.00	55,000.00	100.00	0.00	2,750.00
31.09	ELECTRICAL DUCTBANK SBR'S	55,000.00	55,000.00	0.00	0.00%	0.00	55,000.00	100.00	0.00	2,750.00
31.10	INSTALL WIRE DUCTBANKS TERTIARY FILTER	40,000.00	40,000.00	0.00	0.00%	0.00	40,000.00	100.00	0.00	2,000.00
31.11	INSTALL WIRE DUCTBANKS AEROBIC DIGESTOR	40,000.00	40,000.00	0.00	0.00%	0.00	40,000.00	100.00	0.00	2,000.00
31.12	INSTALL WIRE DUCTBANKS CHEMICAL HANDLING	35,000.00	35,000.00	0.00	0.00%	0.00	35,000.00	100.00	0.00	1,750.00
31.13	INSTALL WIRE DUCTBANK PRIMARY SED	35,000.00	35,000.00	0.00	0.00%	0.00	35,000.00	100.00	0.00	1,750.00
31.14	INSTALL WIRE DUCTBANK SBR'S	45,000.00	45,000.00	0.00	0.00%	0.00	45,000.00	100.00	0.00	2,250.00
31.15	TESTING AND STARTUP ASSISTANCE	30,000.00	30,000.00	0.00	0.00%	0.00	30,000.00	100.00	0.00	1,500.00
31.16	AS-BUILT, O&M, AND CLOSEOUT	10,000.00	5,000.00	2,500.00	25.00%	0.00	7,500.00	75.00	2,500.00	375.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	27,400.00	8,150.00	20.58%	0.00	35,550.00	89.77	4,050.00	1,777.50
32.01	STARTUP AND TESTING	35,000.00	26,250.00	7,000.00	20.00%	0.00	33,250.00	95.00	1,750.00	1,662.50
32.02	FINAL CLEANUP AND PUNCH LIST	4,600.00	1,150.00	1,150.00	25.00%	0.00	2,300.00	50.00	2,300.00	115.00
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
C01.01	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
C02.01	MCC MODIFICATIONS	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
C03.01	ELECTRICAL DESIGN REVISIONS	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
C04.01	R&R VALVE STEM EXTENSIONS IN INFLUENT	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	374,927.04	7,651.57	2.00%	0.00	382,578.61	100.00	0.00	19,128.93
C05.01	STORM WATER PUMP STATION	382,578.61	374,927.04	7,651.57	2.00%	0.00	382,578.61	100.00	0.00	19,128.93
TOTAL:		16,974,481.22	16,880,879.65	84,051.57	0.50%	0.00	16,964,931.22	99.94	9,550.00	848,246.55

PAYMENT APPLICATION DETAILS

Customer: TEMESCAL VALLEY WATER DISTRICT

Application Number: 25

Project: C1916-WATER RECLAMATION PLANT PHASE IV

For Period Ending: 12/31/2021

A	B	C	E			F	G		H	I
			Work Completed	Materials	Completed		Total			
Item Number - Description	Scheduled Value	From Previous Application	This Period Value	Total Percent this Period	Presently Stored	and Stored To Date	%	Balance To Finish	Retainage Value	
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	803,500.00	13,500.00	1.65%	0.00	817,000.00	99.63	3,000.00	40,850.00
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
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	454,900.00	0.00	0.00%	0.00	454,900.00	100.00	0.00	22,745.00
10	ASPHALT FINE GRADING, ETC.	219,100.00	213,100.00	6,000.00	2.74%	0.00	219,100.00	100.00	0.00	10,955.00
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	339,300.00	0.00	0.00%	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	3,150,200.00	40,000.00	1.25%	0.00	3,190,200.00	100.00	0.00	159,510.00
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	1,907,100.00	0.00	0.00%	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	6,250.00	0.39%	0.00	1,598,900.00	100.00	0.00	79,945.00

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
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	308,000.00	0.00	0.00%	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	894,500.00	2,500.00	0.28%	0.00	897,000.00	99.72	2,500.00	44,850.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	27,400.00	8,150.00	20.58%	0.00	35,550.00	89.77	4,050.00	1,777.50
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
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	374,927.04	7,651.57	2.00%	0.00	382,578.61	100.00	0.00	19,128.93
TOTAL:		16,974,481.22	16,880,879.65	84,051.57	0.50%	0.00	16,964,931.22	99.94	9,550.00	848,246.55

December 15, 2021

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – November 2021

Dear Board Members:

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

- Managed 257.87 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 6349.
- 0 shut offs.
- Responded 117 service calls.
- Installed 12 meters for the various developers.
- Responded to 81 USA Dig Alerts to mark District underground utilities.

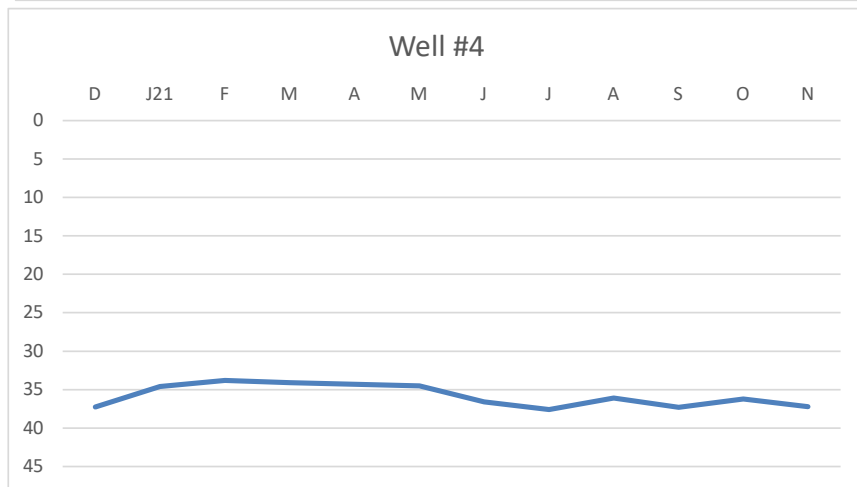
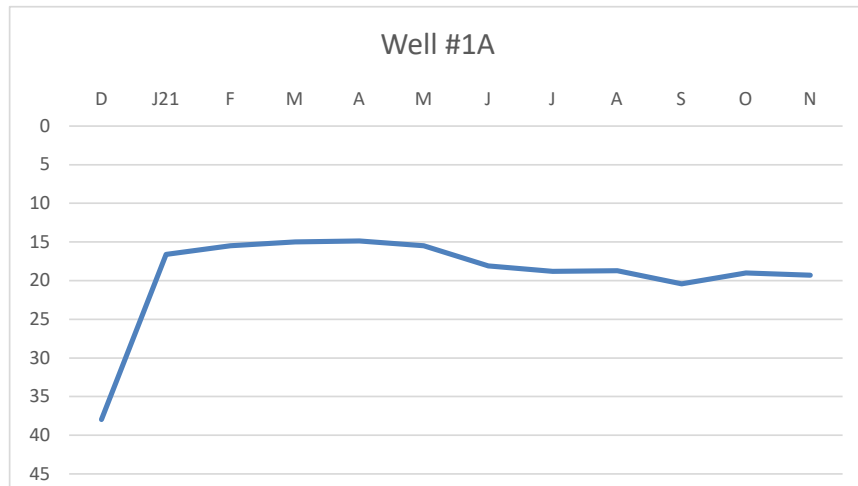
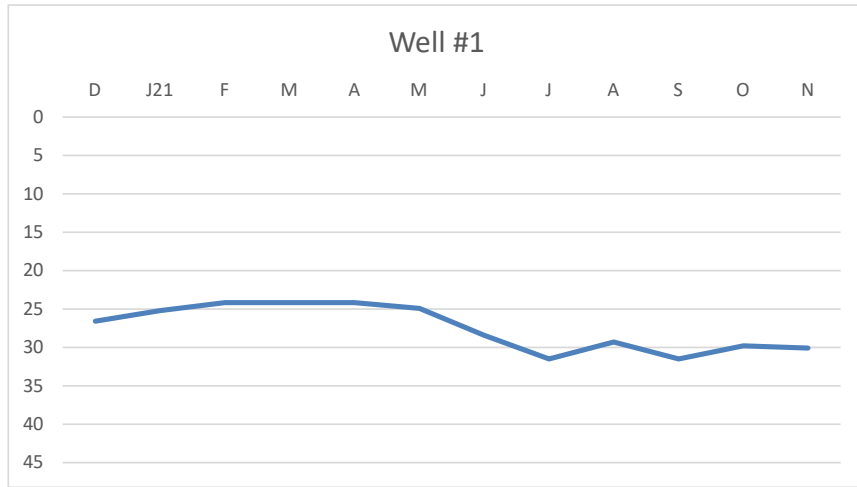
In addition to the above regular and routine tasks we also performed the following operational tasks.

- Operations Staff continues to work with the plant expansion construction crews to facilitate system shutdowns and upgrades.

- 7 loads of biosolids were hauled off this period.
- Started filling New Digester #5 with sludge.
- Tran Controls replaced the PLC at Painted Hills Sewer Lift Station after the old unit failed.
- The collection system was cleaned in the Painted Hills Community.

Sincerely,

Paul Bishop, Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: December 14, 2021
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of December 14, 2021

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

PLAN CHECKING & DEVELOPER RELATED PROJECTS

Toscana Village (Speedway Commercial Center): The developer has completed the required potholing and the plans have been finalized. Mylars are expected to be signed over the next few weeks.

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: Construction has been completed for this project.

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: December 6, 2021
TO: Board of Directors
Temescal Valley Water District
FROM: District Engineer
SUBJECT: Trilogy Parkway Potable Waterline Project Progress Payment No. 3

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	\$71,051.50
5% Retention	\$3,552.57
Earned Less Retention	\$67,498.93
Due Contractor	\$67,498.93

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 \$71,051.50 which is a current payment of \$67,498.93 to the contractor and a retention payment of \$3,552.57 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. 3

FOR PERIOD BETWEEN 11/11/21 TO 12/10/21

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
			General Requirements (Not to exceed 5% of Contract) = Summary						
1	1	LS		\$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
			Mobilization/Demobilization (Not to exceed 5% of Contract) = Summary						
2	1	LS		\$24,500.00	\$24,500.00	0.19	\$4,560.00	1.00	\$24,500.00
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	1.00	\$4,560.00	1.00	\$4,560.00
3	1	LS	Excavation Safety Measures	\$2,000.00	\$2,000.00		\$0.00	1.00	\$2,000.00
			Site Work Including Pavement Restoration = Summary						
4	1	LS		\$80,000.00	\$80,000.00	0.75	\$59,991.50	0.94	\$75,391.50
4A	8790	SF	Base Paving	\$2.75	\$24,172.50	3190	\$8,772.50	8790.00	\$24,172.50
4B	29268	SF	Asphalt Overlay	\$1.75	\$51,219.00	29268.00	\$51,219.00	29268.00	\$51,219.00
4C	1	LS	Striping	\$4,608.50	\$4,608.50		\$0.00	0.00	\$0.00
			Potable Water Pipeline Construction = Summary						
5	1	LS		\$361,412.00	\$361,412.00	0.02	\$6,000.00	1.00	\$361,412.00
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		\$0.00	1.00	\$8,252.00
5E	2340	LF	12" DR18 CL 150 C900 PVC PIPE INSTALL	\$65.00	\$152,100.00		\$0.00	2340.00	\$152,100.00
5F	6	EA	12" RWGV ASSY INSTALL	\$650.00	\$3,900.00		\$0.00	6.00	\$3,900.00
5G	3	EA	4" BLOW OFF ASSY INSTALL	\$2,260.00	\$6,780.00		\$0.00	3.00	\$6,780.00

oik

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		\$0.00	1.00	\$1,610.00
5I	2	EA	2" MANUAL AIR VALVE ASSY WA-01 INSTALL	\$1,610.00	\$3,220.00		\$0.00	2.00	\$3,220.00
5J	2	EA	CONNECTIONS = N&S	\$3,000.00	\$6,000.00	2.00	\$6,000.00	2.00	\$6,000.00
6	1	LS	Testing, Start-up, Commissioning, and Turn-Over	\$5,000.00	\$5,000.00		\$0.00	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	\$500.00	1.00	\$500.00
CONTRACT TOTAL:					\$498,412.00		\$71,051.50		\$493,303.50

Approved by Owner's Representative:

Justin Scheidel 12/6/2021
 Signature Date

TOTAL COMPLETED TO DATE AND ON HAND \$493,303.50

LESS 5% RETENTION \$24,665.18

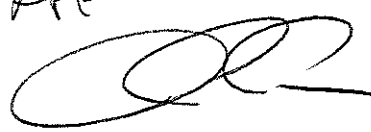
NET DUE \$468,638.33

Submitted by Downing Construction, Inc.:

PAID PREVIOUSLY AND/OR BILLED \$401,139.40

Kevin Ellis 12/6/2021
 Signature Date

DUE THIS ESTIMATE \$67,498.93

Approved

 General Manager 12/7/21
 TWD

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:	12/10/2021

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: \$	67,498.93
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: _____
Amount(s) of unpaid progress payment(s): \$ _____
 - (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:	12/6/21

UNCONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

NOTICE TO CLAIMANT: THIS DOCUMENT WAIVES AND RELEASES LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL WAIVER AND RELEASE FORM.

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:	10/10/2021

Unconditional 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. The claimant has received the following progress payment:

\$ 217,660.20

Exceptions

This document does not affect any of the following:

- (1) Retentions.
 - (2) Extras for which the claimant has not received payment.
 - (3) 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:	12/06/2021

UNCONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

NOTICE TO CLAIMANT: THIS DOCUMENT WAIVES AND RELEASES LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL WAIVER AND RELEASE FORM.

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

Unconditional 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. The claimant has received the following progress payment:

\$ 183,479.20

Exceptions

This document does not affect any of the following:

- (1) Retentions.
 - (2) Extras for which the claimant has not received payment.
 - (3) 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:	12/06/2021
