

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
NOVEMBER 24, 2020, 8:30 A.M. AT
THE DISTRICT'S ADMINISTRATIVE OFFICE
22646 TEMESCAL CANYON ROAD,
TEMESCAL VALLEY, CALIFORNIA 92883**

**THIS MEETING WILL BE HELD VIA TELECONFERENCE ONLY AS
PERMITTED BY GOVERNOR'S EXECUTIVE ORDER N-29-20.**

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

AGENDA ITEMS

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

PUBLIC COMMENT

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

NOTICE TO PUBLIC

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

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

AFFIDAVIT OF POSTING

I, Allison Harnden, Office Manager of the Temescal Valley Water District, hereby certify that I caused the posting of the Agenda at the District office at 22646 Temescal Canyon Road, Temescal Valley, California 92883 before November 21, 2020.

Allison Harnden, Office Manager

AGENDA FOR REGULAR MEETING
November 24, 2020

Page No.

1. **Roll Call and Call to Order.**
2. **Presentations and Acknowledgments.**
3. **Public Comment.** If you would like to become an Attendee of the online Zoom Meeting click this link https://dudek.zoom.us/webinar/register/WN_K7_Ccie7SUCtDWusOpuDXw. To be called on for Public Comment please raise your hand. Questions can be submitted through the Q&A option.

BOARD ITEMS:

4. **Minutes of the October 27, 2020 Regular Meeting.** **6-9**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **10-13**
RECOMMENDATION: Approve Report and authorize payment of the October 27-November 24, 2020 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** **14-30**
 - a. Revenue & Expenditure Reports.**RECOMMENDATION:** Note and file.
7. **Trilogy Development.**
 - a. Homeowners Association update. (-)
 - b. Golf Course update. (-)
8. **Sycamore Creek Development.**
 - a. Project Update. (-)
 - b. 1735 homes to be built. 1732 houses occupied to date. 99% complete.

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9. Retreat Development.	(-)
a. Project Update.	
10. Terramor Development (Forestar Toscana).	(-)
a. Project Update.	
b. 1443 homes to be built. 561 houses occupied to date. 39% complete.	
11. Harmony Grove (Griffin Homes).	(-)
a. Project Update.	
b. 50 homes to be built. 40 houses released to date.	
12. IB Consulting presentation on TVWD Annual update.	31
RECOMMENDATION: To be made by the Board.	
13. Water Utilization Reports.	32-44
RECOMMENDATION: Note and file.	
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.	45-46
b. Pacific Hydrotech Corporation Payment Request #12.	47-62
RECOMMENDATION: Authorize the payment of \$308,032.75 to Pacific Hydrotech as well as a retention payment of \$16,212.25 to be deposited into an Escrow Account for a total of 324,245.00.	

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c. Resolution No. R-20-12 Adopting the Temescal Valley Water District Purchasing Policy. RECOMMENDATION: Adopt Resolution No. R-20-12.	63-78
17. Operations Report. a. Water and Sewer Operations.	79-80
18. District Engineer's Report. a. Status of Projects.	81-82
b. Knabe Road Potable Waterline Project Progress Payment. RECOMMENDATION: Authorize the payment of \$172,960.94, of which \$8,648.05 will be held as retention and the remaining \$164,312.89 will be issued to Empire Equipment Service, Inc.	83-90
19. District Counsel's Report.	(-)
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.	91
22. Adjournment.	(-)

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

October 27, 2020

PRESENT

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

ABSENT

D. Harich

GUESTS

T. Davis

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 September 29, 2020 Regular Meeting.

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

5. Payment Authorization Report.

ACTION: Director Rodriguez moved to approve the September 29-October 27, 2020 invoices. Director Myers seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: Note and file.

The Board asked staff to correct the FY dates on the capital projects report.

7. Trilogy Development.

a. Homeowners Association update.

- b. Golf Course update.
- 8. Sycamore Creek Development.**
- a. Project Update.
 - b. 1738 homes to be built. 1732 houses occupied to date. 99% complete.
- 9. Retreat Development.**
- a. Project Update.
- 10. Terramor Development (Forestar Toscana).**
- a. Project Update.
 - b. 1443 homes to be built. 551 houses occupied to date. 38% complete.
- 11. Harmony Grove (Griffin Homes).**
- a. Project Update.
 - b. 50 estimated homes to be built. 40 houses released to date.
- 12. Water Utilization Reports.**
ACTION: Note and file.
- 13. Sustainable Groundwater Management Act.**
- a. Project Update – The General Manager reported on monitoring wells and that they are completing a study to see how mining impacts groundwater. The next meeting is scheduled for November 19th.
- 14. Committee Reports.**
- a. Finance/Legislative (Director Rodriguez) – Director Rodriguez reported on two meetings that were held during the month, one with Chandler Investments and that they are working within our policy. The other with IB Consultants on our rate study and that they will be giving a report to the Board at the November meeting.
 - b. Engineering/Operations (Director Myers) – Director Myers reported on the purchasing policy meeting as well as the Knabe change order.
 - c. Public Relations (Allison Harnden) – Allison reported that staff is working with delinquent customers to ensure they do not fall too far behind because of COVID.

15. General Manager's Report.

a. General Manager's Report – The General Manager reported on current projects.

b. Pacific Hydrotech Corporation Payment Request #11.

ACTION: Director Rodriguez moved to authorize the payment of \$902,077.25 to Pacific Hydrotech as well as a retention payment of \$47,477.75 to be deposited into an Escrow Account for a total of \$949,555.00. Director Butler seconded. Motion carried unanimously.

16. Operations Report.

a. Water and sewer operations.

17. District Engineer's Report.

a. Status of Projects.

b. Knabe Road Potable Waterline Change Order.

ACTION: Director Myers moved to approve the change order in the amount of \$49,479.04, increasing the total project budget to \$298,753.04

18. District Counsel's Report – Counsel reported that he has reviewed the purchasing policy.

19. Seminars/Workshops.**20. Consideration of Correspondence.**

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

21. Adjournment.

There being no further business, the October 27, 2020 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 9:52 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 NOVEMBER 24, 2020

Check #	Date	Payee ID	Payee	Amount	
24659	10/30/20	AD	PAYROLL	\$ -	
24660	10/30/20	AS	PAYROLL	-	
24661	10/30/20	BE	PAYROLL	-	
24662	10/30/20	CL	PAYROLL	-	
24663	10/30/20	CO	CHARLES W. COLLADAY	246.37	
24664	10/30/20	DB	PAYROLL	-	
24665	10/30/20	DH	DAVID HARICH	487.75	
24666	10/30/20	FM	FRED H. MYERS	469.42	
24667	10/30/20	JB	VOID	-	
24668	10/30/20	JH	PAYROLL	-	
24669	10/30/20	KN	PAYROLL	-	
24670	10/30/20	LK	PAYROLL	-	
24671	10/30/20	MM	PAYROLL	-	
24672	10/30/20	PB	PAYROLL	-	
24673	10/30/20	RO	PAUL RODRIGUEZ	739.12	
24674	10/30/20	JB	JOHN B. BUTLER	492.75	
24675	10/30/20	ATT01	AT&T	330.99	
24676	10/30/20	ATTM	AT & T MOBILITY	581.61	
24677	10/30/20	BGM	BIG GIANT MEDIA	54.90	
24678	10/30/20	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,662.98	
24679	10/30/20	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
24680	10/30/20	CBE	CBE	27.00	
24681	10/30/20	CL01	CLAYSON, BAINER & SAUNDERS	8,285.00	6 MON BILLING
24682	10/30/20	DU04	DUDEK & ASSOCIATES-ENGINEERING	1,480.00	
24683	10/30/20	DWEI	DEXTER WILSON ENGINEERING INC	3,282.50	CAP-PLT EXP
24684	10/30/20	GMDM	GUTIRREZ MAINTENANCE/ DANIEL GUTIERREZ	350.00	
24685	10/30/20	ICI	INTEGRATED CONTROLS INCORPORATED	5,885.00	
24686	10/30/20	ICL	IB CONSULTING, LLC	7,800.00	CAP-RATE STUDY
24687	10/30/20	TWC	SPECTRUM BUSINESS	1,242.35	
24688	10/30/20	WE01	WESTERN MUNICIPAL WATER DISTR.	409,460.48	
24689	10/30/20	XI	XALOGY INC	6,089.04	UPGRADE SOFTWARE
24690-24691			VOID	-	
24692	10/30/20	PPE	PRIVATE PEST EXTERMINATORS	286.00	
24693	10/30/20		EDUARDO LOPEZ	80.00	
24694	10/31/20	UFSC	UNIFIED FIELD SERVICES CORPORATION	89,813.00	TRILOGY RES REHAB PJT
24695	11/2/20	SWRCB	STATE WATER RESOURCES CONTROL BOARD	110.00	
24696	11/13/20	AD	PAYROLL	-	
24697	11/13/20	AS	PAYROLL	-	
24698	11/13/20	BE	PAYROLL	-	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 NOVEMBER 24, 2020

Check #	Date	Payee ID	Payee	Amount	
24699	11/13/20	CG	VOID	-	
24700	11/13/20	CL	PAYROLL	-	
24701	11/13/20	DB	PAYROLL	-	
24702	11/13/20	JH	PAYROLL	-	
24703	11/13/20	KN	PAYROLL	-	
24704	11/13/20	LK	PAYROLL	-	
24705	11/13/20	MM	PAYROLL	-	
24706	11/13/20	PB	PAYROLL	-	
24707	11/13/20	REFUND	JOHN URBAN	2,770.00	OVER PAYMENT BY CUSTOMER
24708	11/13/20	REFUND	DENNIS MCVAY	300.00	
24709	11/13/20	REFUND	RICHARD CAMPBELL	253.39	
24710	11/13/20	REFUND	KARLA MEJIA	181.51	
24711	11/13/20	REFUND	PETER LU	199.02	
24712	11/13/20	REFUND	COURTNEY WILLIAMS	25.09	
24713	11/13/20	REFUND	FRANCISCO PALACIOS II	141.72	
24714	11/13/20	REFUND	BRETT ROCKWELL	47.06	
24715	11/13/20	REFUND	WILLIAM JOHNSON	231.03	
24716	11/13/20	REFUND	LEONA CRAWFORD	163.84	
24717	11/13/20	REFUND	DANIEL HARGETT	42.57	
24718	11/13/20	REFUND	MICHAEL O FUENTES	84.02	
24719	11/13/20	REFUND	ANNA PISANI	235.66	
24720	11/13/20	REFUND	SANDY RODRIGUEZ	259.98	
24721	11/13/20	SO03	SOUTHERN CALIF EDISON CO.	55,057.52	
24722-24749	11/13/20		VOID	-	
24750	11/13/20	DB	PAYROLL	-	
24751	11/13/20	JH	PAYROLL	-	
24752	11/13/20	KN	PAYROLL	-	
24753	11/13/20	LK	PAYROLL	-	
24754	11/13/20		EDUARDO LOPEZ-TRK MAINT	100.00	
24755	11/13/20	FI01	FIDELITY INVESTMENTS	700.00	
24756	11/13/20	FI01	FIDELITY INVESTMENTS	911.39	
24757	11/13/20	FI01	FIDELITY INVESTMENTS	747.00	
24758	11/13/20	FI01	FIDELITY INVESTMENTS	700.00	
24759	11/20/20	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	5,742.75	
24760	11/20/20	ATT01	AT&T	337.59	
24761	11/20/20	BT	BT PIPELINE INC.	6,906.50	REPAIR 1" LATTERALS
24762	11/20/20	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,949.33	
24763	11/20/20	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
24764	11/20/20	CHAC	CALIFORNIA HIGHWAY ADOPTION CO.	315.00	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 NOVEMBER 24, 2020

Check #	Date	Payee ID	Payee	Amount	
24765	11/20/20	CM01	CORE & MAIN	10,186.94	ELEC MOTORS PLT REPAIR
24766	11/20/20	deg	DOUGLAS ENVIRONMENTAL GROUP	320.00	
24767	11/20/20	DWEI	DEXTER WILSON ENGINEERING INC	6,751.40	CAP-PLT EXP ENG
24768	11/20/20	HO01	HOME DEPOT CREDIT SERVICES	332.92	
24769	11/20/20	ICL	IB CONSULTING, LLC	11,700.00	CAP-RATE STUDY
24770	11/20/20	IW	ICONIX WATERWORKS INC	1,209.78	
24771	11/20/20	MCCO	MUROW CM	23,308.75	CAP-CM PLT EXP
24772	11/20/20	MH01	MCFADDEN-DALE HARDWARE CO.	173.30	
24773	11/20/20	MITI	MORR-IS TESTED IN	7,432.50	CAP-PLT EXP INSP
24774	11/20/20	MU01	WILLDAN FINANCIAL SERVICES	5,695.18	CFD ADMIN FEE
24775	11/20/20	NC	NORTHSTAR CHEMICAL	24,047.03	PLT CHEMICALS
24776	11/20/20	PLM01	PARRA LANDSCAPE MAINTENANCE	2,356.63	
24777	11/20/20	PO07	POLYDYNE, INC.	11,799.44	SLUDGE CHEM
24778	11/20/20	PPE	PRIVATE PEST EXTERMINATORS	286.00	
24779	11/20/20	RMAG	RMA GROUP	38,947.58	CAP PLT EXP TESTING
24780	11/20/20	RTI	RICHARDSON TECHNOLOGIES INC.	423.00	
24781	11/20/20	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	1,114.84	
24782	11/20/20	SEMA	SEMA INC.	783.04	
24783	11/20/20	ST01	STAPLES CREDIT PLAN	615.97	
24784	11/20/20	TR01	TRAN CONTROLS SCADA SOLUTIONS, LLC.	4,645.11	SCADA 3 MONTHS
24785	11/20/20	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	41,891.79	CAP -PLT EXPan \$37k /\$5k repair (3 months)
24786	11/20/20		VOID		
24787	11/20/20	UBB	USA BLUEBOOK	822.70	
24788	11/20/20	UN01	UNDERGROUND SERVICE ALERT	124.42	
24789	11/20/20	UPG	UNITED POWER GENERATION	3,581.88	
24790	11/20/20	VA01	VALLEY CITIES/GONZALES FENCE	350.00	
24791	11/20/20	WA01	WASTE MANAGEMENT - INLAND EMPIRE	409.22	
24792	11/20/20	WE01	WESTERN MUNICIPAL WATER DISTR.	194,621.50	INC \$180K MILLS GRAVITY LINE RES
24793	11/20/20	XH	XTREME HEATING & AIR CONDITIONING INC	652.50	
24794	11/20/20	XP	XYLEM	14,135.24	CAP-PLT EXP GENERATOR
24795	11/20/20		VOID	-	
24796	11/20/20	REFUND	CHRISITY EARHART	239.66	
24797	11/20/20	USB01	US BANK GOVERNMENT SERVICES	632.47	
Total				\$ 1,037,249.02	

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

Mel McCullough - Finance Manager

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT
NOVEMBER 24, 2020

Check #	Date	Payee ID	Payee	Amount
	11/24/20		Mel McCullough - Finance Manager	
	Date			

**TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
31-Oct-20**

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			12,988,164
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,295,199
Water & Sewer Mains			31,113,539
General Equipment Sewer/Water/ Furniture			676,091
Buildings & Entrance Improvements			302,890
			\$ 67,781,639
Current Assets			
Cash - Wastewater	8,878,993		
Cash - Water	15,292,828		
Cash - ID #1	573,385		
Cash - ID #2	274,040		
Cash - Nonpotable	4,537,251		
Cash - Deposits	2,114,423		31,670,921
Accounts Receivable-Services/Developers			1,330,590
Assessment Receivable			157,860
Interest Receivable			34,391
Prepaid Expenses			25,390
Inventory			51,890
			33,271,043
Other Assets			
Work-in-Process			3,541,693
Deferred Outflows - Pension		\$	163,609
TOTAL ASSETS		\$	104,757,984

LIABILITIES

Current Liabilities			
Accounts Payable		\$	605,997
Security Deposits			252,856
Payroll & Payroll Taxes Payable			61,244
Capacity & Meter Deposits			985,975
Fiduciary Payments Payable			508,473
Developer Deposits			354,042
Other Deposits			13,077
			2,781,664
Long-term Liabilities			
TVRP Note			989,122
Deferred Inflows - Pension			108,349
TOTAL LIABILITIES		\$	3,879,135

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			35,603,612
Water Fund Balance			50,028,122
ID #1 Fund Balance			640,881
ID #2 Fund Balance			553,966
Recycled Water Fund Balance			14,052,268
TOTAL FUND EQUITY		\$	100,878,849
TOTAL LIABILITIES & FUND EQUITY		\$	104,757,984

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	217,363	215,000	2,363	875,144	860,000	15,144	\$ 2,570,000	(1,694,856)
MONTHLY SERVICE CHARGE-ID #1	11,764	11,500	264	47,056	46,000	1,056	138,000	(90,944)
MONTHLY SERVICE CHARGE-ID #2	13,307	13,000	307	53,228	52,000	1,228	156,000	(102,772)
MONTHLY SEWER SERVICE CHG-R COM	13,873	10,000	3,873	50,758	40,000	10,758	120,000	(69,242)
MISC UTILITY CHARGES/ REVENUE	53	425	(372)	186	1,700	(1,514)	5,000	(4,814)
STANDBY CHARGES	-	-	-	-	-	-	110,000	(110,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	20,000	(20,000)
INSPECTION CHARGES	3,485	4,200	(715)	6,480	16,800	(10,320)	50,000	(43,520)
TOTAL WASTEWATER REVENUE	259,845	254,125	5,720	1,032,852	1,016,500	16,352	3,169,000	(2,136,148)
OPERATING EXPENSES:								
PLANT WAGES EXPENSE	14,610	15,250	(640)	41,826	47,800	(5,974)	167,000	(125,174)
INSPECTION WAGES EXPENSE	3,948	4,000	(52)	15,133	15,100	33	35,000	(19,867)
PAYROLL TAXES EXP	314	400	(86)	947	1,300	(353)	3,800	(2,853)
EMPLOYEE BENEFITS-INS	1,038	1,575	(537)	4,152	6,300	(2,148)	21,600	(17,448)
EMPLOYEE BENEFITS-RETIREMENT	974	1,615	(641)	3,896	6,460	(2,564)	23,000	(19,104)
OVERTIME OPERATION EXP	3,120	1,600	1,520	11,744	6,400	5,344	19,400	(7,656)
OVERTIME INSPECTION EXP	370	200	170	1,234	800	434	4,800	(3,566)
MILEAGE EXP	147	100	47	675	400	275	1,200	(525)
VACATION EXP	839	850	(11)	3,356	3,400	(44)	10,100	(6,744)
SCADA SYSTEM ADMIN/MAINT	-	1,100	(1,100)	2,158	4,400	(2,242)	13,000	(10,842)
LABORATORY TESTING COSTS	-	1,900	(1,900)	-	7,600	(7,600)	23,000	(23,000)
SLUDGE DISPOSAL/PUMPING COSTS	294	5,800	(5,506)	15,324	23,200	(7,876)	70,000	(54,676)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	4,800	(4,800)	11,799	19,200	(7,401)	58,000	(46,201)
EQUIPMENT RENTAL COSTS	-	200	(200)	-	800	(800)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	3,992	17,000	(13,008)	73,191	68,000	5,191	200,000	(126,809)
SEWER LINE REPAIRS	1,500	400	1,100	1,500	1,600	(100)	5,000	(3,500)
SEWER CLEANING AND VIDEO EXP	2,813	1,700	1,113	4,373	5,000	(627)	20,000	(15,627)
SECURITY AND ALARM EXP	-	250	(250)	-	1,000	(1,000)	3,000	(3,000)
PROPERTY MAINTENANCE	2,232	3,750	(1,518)	10,675	15,000	(4,325)	45,000	(34,325)
ENGINEERING/ADMIN. STUDIES	-	-	-	-	5,000	(5,000)	20,000	(20,000)
ENERGY COSTS	21,334	21,000	334	105,480	84,000	21,480	252,000	(146,520)
CONSUMABLE SUPPLIES & CLEANING	-	825	(825)	978	3,300	(2,322)	10,000	(9,022)
CHEMICALS, LUBRICANTS & FUELS	504	13,750	(13,246)	46,448	55,000	(8,552)	165,000	(118,552)
SMALL EQUIPMENT & TOOLS COST	823	2,500	(1,677)	7,915	10,000	(2,085)	30,000	(22,085)
PERMITS, FEES & TAXES (WTR BRD FEE)	632	2,200	(1,568)	4,200	8,800	(4,600)	26,000	(21,800)
SAWPA BASIN MONITORING EXP	-	-	-	-	-	-	25,000	(25,000)
MAP UPDATING/GIS EXP	-	500	(500)	-	500	(500)	2,000	(2,000)
MISC. OPERATING EXP	-	100	(100)	-	400	(400)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	2,000	(2,000)
CONTINGENCIES	-	4,500	(4,500)	-	18,000	(18,000)	54,000	(54,000)
TOTAL OPERATING EXPENSES	59,484	107,865	(48,381)	367,004	418,760	(51,756)	1,336,900	(969,896)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	8,620	8,500	120	34,478	34,000	478	102,000	(67,522)
GENERAL ENGINEERING EXP	-	1,250	(1,250)	-	5,000	(5,000)	15,000	(15,000)
EMPLOYEE BENEFITS-INS	505	1,600	(1,095)	3,045	6,400	(3,355)	19,000	(15,955)
EMPLOYEE BENEFITS-RETIREMENT	1,700	2,750	(1,050)	6,285	8,300	(2,015)	24,000	(17,715)
ANNUAL ASSESSMENT EXP	2,847	1,500	1,347	5,724	3,000	2,724	3,000	2,724
PLAN CHECK & INSPECTION EXP	-	1,000	(1,000)	-	4,000	(4,000)	10,000	(10,000)
WAGES EXPENSE	17,309	18,300	(991)	49,308	62,350	(13,042)	180,100	(130,792)
VACATION EXP	1,044	1,000	44	4,176	4,000	176	12,500	(8,324)
PAYROLL TAX EXPENSES	296	250	46	988	1,000	(12)	3,000	(2,012)
OVERTIME EXP	-	200	(200)	358	700	(342)	2,000	(1,642)
MILEAGE EXP ADMIN	-	20	(20)	-	80	(80)	250	(250)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	-	850	(850)	3,314	3,400	(86)	10,000	(6,686)
AUDIT EXPENSES	-	-	-	-	-	-	6,000	(6,000)
BOARD COMMITTEE MEETING EXP.	800	1,000	(200)	2,445	4,000	(1,555)	12,000	(9,555)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	4,000	(4,000)
COMPUTER SYSTEM ADMIN	1,465	1,700	(235)	9,295	6,800	2,495	20,000	(10,705)
BANK CHARGES EXP	2,603	2,250	353	11,010	9,000	2,010	27,000	(15,990)
MISCELLANEOUS & EDUCATION EXP	-	250	(250)	-	1,000	(1,000)	3,000	(3,000)
TELEPHONE, FAX & CELL EXP	648	1,250	(602)	3,520	5,000	(1,480)	15,000	(11,480)
OFFICE SUPPLIES EXP	1,089	1,250	(161)	4,476	5,000	(524)	15,000	(10,524)
PRINTING EXPENSES	-	-	-	3,541	2,000	1,541	8,000	(4,459)
POSTAGE & DELIVERY EXPENSE	904	1,150	(246)	3,665	4,600	(935)	14,000	(10,335)
PUBLICATIONS, NOTICES & DUES	128	125	3	1,161	500	661	1,500	(339)
EQUIPMENT LEASE EXPENSES	313	700	(387)	2,615	2,700	(85)	8,000	(5,385)
INSURANCE EXPENSES	2,284	2,500	(216)	7,719	10,000	(2,281)	30,000	(22,281)
COMMUNITY OUTREACH EXP	315	-	315	3,908	-	3,908	8,000	(4,092)
INVESTMENT EXP	436	400	36	1,636	1,600	36	4,800	(3,164)
TOTAL ADMINISTRATIVE EXPENSES	43,306	49,795	(6,489)	162,667	184,430	(21,763)	559,150	(396,483)
TOTAL WASTEWATER EXPENSES	102,790	157,660	(54,870)	529,671	603,190	(73,519)	1,896,050	(1,366,379)
NET OPERATING REVENUE/EXPENSE	157,055	96,465	60,590	503,181	413,310	89,871	1,272,950	(769,769)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	8,261	12,500	(4,239)	28,781	50,000	(21,219)	150,000	(121,219)
PROPERTY TAX INCOME	-	-	-	-	-	-	75,000	(75,000)
TOTAL NON-OPER SOURCE OF FUNDS	8,261	12,500	(4,239)	28,781	50,000	(21,219)	225,000	(196,219)
TOTAL SEWER REVENUE/EXPENSE	165,316	108,965	56,351	531,962	463,310	68,652	1,497,950	(965,988)
TRANSFER TO CAPITAL FUND-REPLACEMENT				210,945				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				321,017				
CONNECTION FEES				19,768				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2019-2020	10,677,010
TRANSFER FOR CAPITAL FUND REPLACEMENT	210,945
TRANSFER FOR CAPITAL IMPROVEMENTS	340,785
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(1,462,170)</u>
TOTAL FUNDS AVAILABLE	<u>9,766,570</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<i>WATER DEPARTMENT</i>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	146,517	147,800	(1,283)	609,797	591,200	18,597	1,774,000	(1,164,203)
WATER USAGE CHARGES	406,697	414,000	(7,303)	1,830,426	1,864,000	(33,574)	4,100,000	(2,269,574)
WATER PUMPING CHARGE	17,454	17,000	454	78,782	75,000	3,782	165,000	(86,218)
FIRE PROTECTION CHARGES	3,532	3,300	232	16,931	13,200	3,731	40,000	(23,069)
MISC. UTILITY CHARGES	987	3,300	(2,313)	3,226	13,200	(9,974)	40,000	(36,774)
SERVICE METER INCOME	3,000	8,300	(5,300)	31,200	33,200	(2,000)	100,000	(68,800)
CELLULAR SITE LEASE	3,136	3,000	136	9,319	12,000	(2,681)	54,000	(44,681)
MWD READINESS TO SERVE CHARGE	10,086	10,000	86	41,437	40,000	1,437	119,000	(77,563)
STANDBY CHARGES	-	-	-	-	-	-	40,000	(40,000)
CFD REIMBURSEMENTS	-	-	-	-	-	-	20,000	(20,000)
INSPECTION CHARGES	3,049	4,200	(1,151)	5,670	16,800	(11,130)	50,000	(44,330)
TOTAL WATER REVENUE	594,458	610,900	(16,442)	2,626,788	2,658,600	(31,812)	6,502,000	(3,875,212)
OPERATING EXPENSES:								
WAGES EXPENSE	12,784	17,000	(4,216)	36,596	50,900	(14,304)	147,000	(110,404)
INSPECTION WAGES EXPENSE	3,454	3,000	454	10,363	10,200	163	30,000	(19,637)
PAYROLL TAXES EXP	275	350	(75)	831	1,040	(209)	3,000	(2,169)
EMPLOYEE BENEFITS-INS	1,029	1,575	(546)	3,919	6,300	(2,381)	18,900	(14,981)
EMPLOYEE BENEFITS-RETIREMENT	2,072	2,425	(353)	5,606	7,270	(1,664)	21,000	(15,394)
OPERATION-MILEAGE EXP	129	125	4	236	500	(264)	1,500	(1,264)
OVERTIME EXPENSE OPER/ ON CALL	2,730	1,545	1,185	10,276	6,180	4,096	14,350	(4,074)
OVERTIME EXP INSPECTION	324	730	(406)	1,079	2,920	(1,841)	4,200	(3,121)
VACATION EXP	734	730	4	2,936	2,920	16	8,800	(5,864)
CONTRACT STAFFING-METER READS	5,743	5,750	(7)	22,759	23,000	(241)	69,000	(46,241)
SCADA SYSTEM ADMIN/MAINT	-	850	(850)	1,926	3,400	(1,474)	10,000	(8,074)
LABORATORY TESTING COSTS	-	1,335	(1,335)	-	5,340	(5,340)	16,000	(16,000)
COMPLIANCE TESTING (ISDE/CROSS)	-	350	(350)	-	1,040	(1,040)	3,000	(3,000)
LEAK DETECTION EXPENSE	-	675	(675)	-	2,700	(2,700)	8,000	(8,000)
EPA WATER TESTING EXP	-	700	(700)	-	2,800	(2,800)	8,500	(8,500)
EQUIPMENT RENTAL COSTS	-	170	(170)	-	680	(680)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	440	6,700	(6,260)	17,235	26,800	(9,565)	80,000	(62,765)
WATER LINE REPAIRS	-	3,350	(3,350)	-	13,400	(13,400)	40,000	(40,000)
ALARM MONITORING COSTS	-	250	(250)	-	1,000	(1,000)	3,000	(3,000)
PROPERTY MAINTENANCE	158	420	(262)	654	1,680	(1,026)	5,000	(4,346)
ENGINEERING/ADMIN. STUDIES	-	675	(675)	-	2,700	(2,700)	8,000	(8,000)
ENERGY COSTS	11,630	13,860	(2,230)	54,979	52,920	2,059	126,000	(71,021)
CONSUMABLE SUPPLIES & CLEANING	-	330	(330)	573	1,320	(747)	4,000	(3,427)
CHEMICALS, LUBRICANTS & FUELS	441	660	(219)	1,469	2,640	(1,171)	8,000	(6,531)
SMALL EQUIPMENT & TOOLS COST	8,076	420	7,656	11,658	1,680	9,978	5,000	6,658
PERMITS, FEES & TAXES	445	2,900	(2,455)	2,115	11,600	(9,485)	35,000	(32,885)
MAP UPDATING/GIS EXP	-	420	(420)	-	1,680	(1,680)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	1,620	8,400	(6,780)	20,078	33,600	(13,522)	100,000	(79,922)
WHOLESALE WATER PURCHASES	382,903	401,500	(18,597)	1,681,553	1,533,000	148,553	3,650,000	(1,968,447)
WATER-MWD CAPACITY CHARGE	3,666	4,000	(334)	14,666	16,000	(1,334)	48,000	(33,334)
WATER-READINESS TO SERVE/REFUSAL CHARGE	10,019	9,900	119	40,075	39,600	475	119,000	(78,925)
WMWD-MGLMR EXP	-	-	-	-	-	-	117,000	(117,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	3,000	(3,000)
CONSERVATION REBATE EXP	-	-	-	-	1,250	(1,250)	5,000	(5,000)
CONTINGENCIES	-	3,900	(3,900)	-	15,600	(15,600)	47,000	(47,000)
TOTAL OPERATING EXPENSES	448,672	494,995	(46,323)	1,941,582	1,883,660	57,922	4,773,250	(2,831,668)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	7,000	7,250	(250)	29,625	29,750	(125)	89,250	(59,625)
GENERAL ENGINEERING EXP	2,847	1,700	1,147	13,726	6,800	6,926	20,000	(6,274)
PLAN CHECK & INSPECTION EXP	-	850	(850)	-	3,400	(3,400)	10,000	(10,000)
EMPLOYEE BENEFITS-INS	1,643	1,450	193	5,731	5,800	(69)	17,300	(11,569)
EMPLOYEE BENEFITS-RETIREMENT	2,360	2,500	(140)	6,738	7,540	(802)	21,800	(15,062)
ANNUAL ASSESSMENT EXP	-	-	-	2,876	3,000	(124)	3,000	(124)
WAGES EXPENSE	14,787	18,425	(3,638)	45,664	54,425	(8,761)	156,850	(111,186)
VACATION EXP	913	900	13	3,652	3,600	52	11,000	(7,348)
MILEAGE EXP ADMIN	-	40	(40)	-	160	(160)	500	(500)
OVERTIME EXPENSE	-	150	(150)	316	600	(284)	1,750	(1,434)
PAYROLL TAX EXPENSES	220	200	20	824	800	24	2,500	(1,676)
CONTRACT STAFFING OFFICE	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	-	625	(625)	2,900	2,500	400	7,500	(4,600)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	1,138	875	263	2,577	3,500	(923)	10,500	(7,923)
COMPUTER SYSTEM EXP	1,283	1,350	(67)	8,134	5,400	2,734	16,000	(7,866)
BANK CHARGES EXP	2,163	2,100	63	9,519	8,400	1,119	25,000	(15,481)
MISCELLANEOUS & EDUCATION EXP	-	-	-	-	500	(500)	2,000	(2,000)
TELEPHONE EXP	551	1,250	(699)	3,038	5,000	(1,962)	15,000	(11,962)
OFFICE SUPPLIES EXP	760	1,000	(240)	3,444	4,000	(556)	12,000	(8,556)
PRINTING EXPENSES	221	420	(199)	1,274	1,680	(406)	5,000	(3,726)
POSTAGE & DELIVERY EXPENSE	791	1,000	(209)	3,207	4,000	(793)	12,000	(8,793)
PUBLICATIONS, NOTICES & DUES	-	200	(200)	545	800	(255)	2,500	(1,955)
EQUIPMENT LEASE EXPENSES	274	580	(306)	1,761	2,320	(559)	7,000	(5,239)
INSURANCE EXPENSES	1,998	2,100	(102)	6,745	8,400	(1,655)	25,000	(18,255)
INVESTMENT EXPENSE	382	400	(18)	1,432	1,600	(168)	4,800	(3,368)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	3,500	(3,500)
COMMUNITY OUT REACH EXP	-	-	-	-	-	-	8,000	(8,000)
TOTAL ADMINISTRATIVE EXPENSES	39,331	45,365	(6,034)	153,728	163,975	(10,247)	497,250	(343,522)
TOTAL WATER EXPENSES	488,003	540,360	(52,357)	2,095,310	2,047,635	47,675	5,270,500	(3,175,190)
NET OPERATING REVENUE/EXPENSE	106,455	70,540	35,915	531,478	610,965	(79,487)	1,231,500	(700,022)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	10,435	15,000	(4,565)	36,355	-	36,355	180,000	(143,645)
PROPERTY TAX INCOME	-	-	-	-	-	-	40,000	(40,000)
TOTAL NON-OP SOURCE OF FUNDS	10,435	15,000	(4,565)	36,355	-	36,355	220,000	(183,645)
TOTAL REVENUE/EXPENSE	116,890	85,540	31,350	567,833	610,965	(43,132)	1,451,500	(883,667)
TRANSFER TO CAPITAL FUND-REPLACEMENT				112,852				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				454,981				
CONNECTION FEES				19,768				
CAPACITY USAGE INCOME				92,658				
LONG TERM DEBT REDUCTION				92,658				
				-				
WATER CAPITAL FUND:								
ENDING FUNDS AVAILABLE 2019-2020	14,726,199							
TRANSFER FOR CAPITAL FUND REPLACEMENT	112,852							
TRANSFER FOR CAPITAL IMPROVEMENTS	474,749							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(103,242)							
TOTAL FUNDS AVAILABLE	15,210,558							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			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	-	54,900	54,900	-	164,700	(109,800)
TOTAL ID #1 REVENUE	13,725	13,725	-	54,900	54,900	-	164,700	(109,800)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	11,764	11,500	264	47,056	46,000	1,056	138,000	(90,944)
TOTAL OPERATING COSTS	11,764	11,500	264	47,056	46,000	1,056	138,000	(90,944)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	-	-	-	3,000	(3,000)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	-	-	-	3,000	(3,000)
TOTAL ID#1 EXPENSES	11,764	11,500	264	47,056	46,000	1,056	141,000	(93,944)
NET OPERATING REVENUE/EXPENSE	1,961	2,225	(264)	7,844	8,900	(1,056)	23,700	(15,856)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	218	350	(132)	758	1,400	(642)	4,200	(3,442)
TOTAL NON-OPER SOURCE OF FUNDS	218	350	(132)	758	1,400	(642)	4,200	(3,442)
TOTAL REVENUE/EXPENSE	2,179	2,575	(396)	8,602	10,300	(1,698)	27,900	(19,298)
TRANSFER TO SINKING FUND FOR CAPACITY				8,602				
				-				
ID #1 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2019-2020	564,783							
SINKING FUND FOR CAPACITY	8,602							
TOTAL FUNDS AVAILABLE	573,385							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#2 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	62,100	62,100	-	191,820	(129,720)
TOTAL ID #2 REVENUE	15,525	15,525	-	62,100	62,100	-	191,820	(129,720)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	13,307	12,179	1,128	53,228	48,716	4,512	150,530	(97,302)
TOTAL OPERATING COSTS	13,307	12,179	1,128	53,228	48,716	4,512	150,530	(97,302)
ADMINISTRATIVE EXPENSES:								
GENERAL ENGINEERING EXP	-	-	-	-	-	-	2,500	(2,500)
ANNUAL ASSESSMENT PROCESSING	-	-	-	-	-	-	3,000	(3,000)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	-	-	-	5,500	(5,500)
TOTAL ID#2 EXPENSES	13,307	12,179	1,128	53,228	48,716	4,512	156,030	(102,802)
NET OPERATING REVENUE/EXPENSE	2,218	3,346	(1,128)	8,872	13,384	(4,512)	35,790	(26,918)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	435	670	(235)	1,515	2,680	(1,165)	8,040	(6,525)
TOTAL NON-OPER SOURCE OF FUNDS	435	670	(235)	1,515	2,680	(1,165)	8,040	(6,525)
TOTAL REVENUE/EXPENSE	2,653	4,016	(1,363)	10,387	16,064	(5,677)	43,830	(33,443)
TRANSFER TO SINKING FUND FOR CAPACITY				10,387				
				-				
ID #2 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2019-2020	263,653							
SINKING FUND FOR CAPACITY	10,387							
TOTAL FUNDS AVAILABLE	274,040							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
<i>NON-POTABLE WATER DEPARTMENT</i>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	182,835	238,000	(55,165)	880,007	867,000	13,007	1,700,000	(819,993)
RECYCLED/ NON-POT WATER FIXED CHARGE	22,481	16,700	5,781	80,809	66,800	14,009	200,000	(119,191)
RECYCLED/NON-POTABLE PUMPING CHARGE	6,059	5,600	459	28,091	20,400	7,691	40,000	(11,909)
MISC INCOME	900	1,000	(100)		4,000	#VALUE!	12,000	#VALUE!
INSPECTION REVENUE	2,178	2,420	(242)	4,050	9,680	(5,630)	29,000	(24,950)
TOTAL NON-POTABLE REVENUE	214,453	263,720	(49,267)	992,957	967,880	#VALUE!	1,981,000	#VALUE!
OPERATING EXPENSES:								
RECYCLED/NON-POTABLE LABOR EXP	9,131	12,025	(2,894)	26,141	36,175	(10,034)	104,550	(78,409)
INSPECTION WAGES EXPENSE	2,467	2,475	(8)	7,399	7,500	(101)	21,700	(14,301)
PAYROLL TAXES EXP	197	275	(78)	591	830	(239)	2,400	(1,809)
EMPLOYEE BENEFITS-INS	735	1,125	(390)	2,799	4,500	(1,701)	13,500	(10,701)
EMPLOYEE BENEFITS-RETIREMENT	1,480	1,675	(195)	4,006	5,020	(1,014)	14,500	(10,494)
MILEAGE EXP	92	58	34	777	234	543	700	77
OVERTIME EXP OPER	1,949	1,100	849	7,340	4,400	2,940	10,250	(2,910)
OVERTIME EXP INSPECTION	231	250	(19)	771	1,000	(229)	3,000	(2,229)
VACATION EXP	524	525	(1)	2,096	2,100	(4)	6,300	(4,204)
SCADA SYS EXP	-	850	(850)	1,161	3,400	(2,239)	10,000	(8,839)
LABORATORY TESTING COSTS	-	250	(250)	-	1,000	(1,000)	3,000	(3,000)
EQUIPMENT REPAIRS & MAINT.	-	5,000	(5,000)	17,620	20,000	(2,380)	60,000	(42,380)
NONPOTABLE WATER LINE REPAIR	-	6,700	(6,700)	-	26,800	(26,800)	80,000	(80,000)
SECURITY AND ALARM EXP	-	160	(160)	-	640	(640)	1,900	(1,900)
PROPERTY MAINTENANCE	-	350	(350)	-	1,400	(1,400)	4,000	(4,000)
ENERGY COSTS	22,093	27,720	(5,627)	111,306	105,840	5,466	252,000	(140,694)
CONSUMABLE SUPPLIES EXP	-	210	(210)	366	840	(474)	2,500	(2,134)
CHEMICALS, LUBRICANTS & FUELS	315	460	(145)	1,028	1,840	(812)	5,500	(4,472)
PERMITS AND FEES EXP	279	625	(346)	1,471	2,500	(1,029)	7,500	(6,029)
SERVICE METERS AND PARTS COSTS	-	580	(580)	-	2,320	(2,320)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	350	(350)	3,188	1,400	1,788	4,000	(812)
MISC OPERATING EXP	-	-	-	-	125	(125)	500	(500)
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
CONTINGENCIES	-	2,100	(2,100)	-	8,400	(8,400)	25,000	(25,000)
TOTAL OPERATING EXPENSES	39,493	64,863	(25,370)	188,060	238,264	(50,204)	641,400	(453,340)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Four Months Ending October 31, 2020**

	OCTOBER			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	5,000	5,310	(310)	21,161	21,240	(79)	63,750	(42,589)
GENERAL ENGINEERING	-	420	(420)	5,550	1,680	3,870	5,000	550
PLAN CHECK EXP	-	100	(100)	-	400	(400)	1,000	(1,000)
EMPLOYEE BENEFITS-INS	1,177	1,000	177	4,101	4,000	101	12,300	(8,199)
EMPLOYEE BENEFITS-RETIREMENT	1,686	1,750	(64)	4,813	5,350	(537)	15,500	(10,687)
WAGES EXPENSE	10,652	13,100	(2,448)	32,708	39,290	(6,582)	113,500	(80,792)
VACATION EXP	652	650	2	2,608	2,600	8	7,800	(5,192)
MILEAGE EXP	-	-	-	-	50	(50)	200	(200)
OVERTIME EXP	-	125	(125)	226	425	(199)	1,250	(1,024)
PAYROLL TAX EXPENSE	185	200	(15)	617	620	(3)	1,800	(1,183)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSE	-	420	(420)	2,071	1,680	391	5,000	(2,929)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	812	625	187	1,839	2,500	(661)	7,500	(5,661)
COMPUTER SYSTEMS EXP	916	830	86	5,809	3,320	2,489	10,000	(4,191)
BANK CHARGES	1,544	1,420	124	6,798	5,680	1,118	17,000	(10,202)
MISC & EDUCATION EXP	-	-	-	-	250	(250)	1,000	(1,000)
TELEPHONE EXP	393	800	(407)	2,212	3,200	(988)	9,500	(7,288)
OFFICE SUPPLIES	703	580	123	2,649	2,320	329	7,000	(4,351)
PRINTING EXP	-	-	-	752	750	2	3,000	(2,248)
POSTAGE EXP	564	850	(286)	2,291	3,400	(1,109)	10,000	(7,709)
PUBLICATION EXP	-	175	(175)	389	700	(311)	2,000	(1,611)
EQUIPMENT LEASE EXP	196	375	(179)	1,258	1,500	(242)	4,500	(3,242)
INSURANCE EXPENSE	1,427	1,670	(243)	4,836	6,680	(1,844)	20,000	(15,164)
ANNUAL ASSESSMENT EXP	-	-	-	-	1,500	(1,500)	3,000	(3,000)
INVESTMENT EXPENSE	273	250	23	1,023	1,000	23	3,000	(1,977)
COMMUNITY OUTREACH EXP	-	-	-	-	-	-	4,800	(4,800)
TOTAL ADMINISTRATIVE EXPENSES	26,180	30,650	(4,470)	103,711	110,135	(6,424)	335,900	(232,189)
TOTAL NON-POTABLE OPERATING EXPENSES	65,673	95,513	(29,840)	291,771	348,399	(56,628)	977,300	(685,529)
NET OPERATING REVENUE/EXPENSE	148,780	168,207	(19,427)	701,186	619,481	81,705	1,003,700	(302,514)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME	2,391	2,500	(109)	8,331	10,000	(1,669)	30,000	(21,669)
TOTAL NON-OP SOURCE OF FUNDS	2,391	2,500	(109)	8,331	10,000	(1,669)	30,000	(21,669)
TOTAL REVENUE/EXPENSE	151,171	170,707	(19,536)	709,517	629,481	80,036	1,033,700	(324,183)
TRANSFER TO CAPITAL FUND-REPLACEMENT				189,797				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				519,720				
CONNECTION FEES				-				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2019-2020	3,858,535							
TRANSFER FOR CAPITAL FUND REPLACEMENT	189,797							
TRANSFER FOR CAPITAL IMPROVEMENTS	519,720							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(30,801)							
TOTAL FUNDS AVAILABLE	4,537,251							

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

In Process
Not Started

Capital Projects		Source of Funding					AS OF OCTOBER 2020 EXPENDITURES						
FY 2019/2020 Maintenance/ General Projects	CIP #	Eng #1401.*	Total Cost	Sewer Fund	Water Fund	Recycled Fund	Previous YR	YEAR TO DATE			Total YTD	Variance	
									Sewer Fund	Water Fund	Recycled Fund		
Computer and Software Upgrades	G-1-2019		\$ 25,000	\$ 10,000	\$ 8,750	\$ 6,250	\$ 3,879	\$ -	\$ -	\$ -	\$ -	\$ 21,121	
General Building Improvements	G-2-2019		\$ 80,000	\$ 32,000	\$ 28,000	\$ 20,000	\$ 8,292	\$ -	\$ -	\$ -	\$ -	\$ 71,708	
Trillogy Reservoir Rehab Interior/Exterior	W-1-2019	1907	\$ 524,400	\$ -	\$ 524,400	\$ -	\$ 26,622	\$ -	\$ 90,242	\$ -	\$ 90,242	\$ 407,536	
Urban Water Management Plan 2020	G-23-2019		\$ 100,000			\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	
WRF Compliance Instrumentation Replacement			\$ 40,000	\$ 25,000	\$ -	\$ 15,000	\$ 29,201	\$ 30,308	\$ -	\$ 17,801	\$ 48,109	\$ (37,310)	
Convert to Recycled			\$ 135,000	\$ -	\$ 75,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000	
Potable Water Looping (Forest Boundary)	W-2-2019	1906	\$ 298,800	\$ -	\$ 298,800		\$ 26,217	\$ -	\$ -	\$ -	\$ -	\$ 272,583	
Potable Water Looping Phase II (Knabe)	W-2-2019		\$ 500,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	
Recycled and Non-potable Pipeline extentions	NP-2018		\$ 775,000	\$ -	\$ -	\$ 775,000	\$ 30,510	\$ -	\$ -	\$ -	\$ -	\$ 744,490	
Groundwater Sustainability JPA	General		\$ 135,000	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000	
5-year Financial Plan Development with 218 notice	General		\$ 120,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ 13,000	\$ 13,000	\$ 13,000	\$ 39,000	\$ 81,000	
TWC (EVMWD) Potable system purchase study	W-3-2020		\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	
SUBTOTAL			\$ 2,758,200	\$ 107,000	\$ 1,634,950	\$ 1,016,250	\$ 124,721	\$ 43,308	\$ 103,242	\$ 30,801	\$ 177,351	\$ 2,456,128	

Multiple Fiscal Year Projects		Source of Funding					AS OF OCTOBER 2020 EXPENDITURES						
CIP #	Eng #1401.*	Total Cost	Sewer Fund	Water Fund	Recycled Fund	Previous YR	YEAR TO DATE			Total YTD	Variance		
									Sewer Fund	Water Fund	Recycled Fund		
		\$ 90,000	\$ -	\$ -	\$ 90,000	\$ 17,074	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,926	
	1815	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 56,222	\$ 3,737	\$ -	\$ -	\$ -	\$ 3,737	\$ 40,041	
		\$ 42,000	\$ 42,000	\$ -	\$ -	\$ 21,984	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,016	
		\$ 250,000	\$ 100,000	\$ 87,500	\$ 62,500	\$ 232,879	\$ 34,394	\$ -	\$ -	\$ -	\$ 34,394	\$ (17,273)	
WRF 225,000 GPD Upgrade (SBR Controls)	S-1-2015	\$ 1,261,000	\$ 1,230,000	\$ -	\$ -	\$ 1,224,019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,981	
WRF 225,000 GPD Expansion (District Share)	S-1-2015	\$ 5,475,613	\$ 5,475,613	\$ -	\$ -	\$ 1,289,556	\$ 1,351,706	\$ -	\$ -	\$ -	\$ 1,351,706	\$ 2,834,351	
GIS Mapping - Water Sewer RW pipelines and facilities		1904/1905	\$ 171,700	\$ 66,000	\$ 66,000	\$ 39,700	\$ 147,039	\$ -	\$ -	\$ -	\$ -	\$ 24,661	
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	\$ 190,682	\$ 29,025	\$ -	\$ -	\$ 29,025	\$ 100,293	
Dawson Canyon Potable Reservoir Design	W-1-2015	1810	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 200,281	\$ -	\$ -	\$ -	\$ -	\$ (281)	
Dawson Canyon 5 MG Potable Reservoir Construction	W-1-2015		\$ 5,770,000	\$ -	\$ 5,770,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,770,000	
New Loader for Sludge Removal	S-2-2020		\$ 180,000	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000	
Wildrose Reservoir Cathodic Protection System	W-2-2020		\$ 55,000	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000	
Reservoir Management Systems	W-1-2020		\$ 100,000	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	
Water Reclamation Facility Flow EQ Covers	S-1-2020		\$ 470,000	\$ 470,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 470,000	
WRF Headworks Screen Replacement	S-3-2020		\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	
SUBTOTAL			\$ 14,985,313	\$ 8,263,613	\$ 6,178,500	\$ 512,200	\$ 3,455,399	\$ 1,418,862	\$ -	\$ -	\$ 1,418,862	\$ 10,111,052	
TOTAL			\$ 17,743,513	\$ 8,370,613	\$ 7,813,450	\$ 1,528,450	\$ 3,580,120	\$ 1,462,170	\$ 103,242	\$ 30,801	\$ 1,596,213	\$ 12,567,180	

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
10/31/2020

<u>Special Tax Fund (Acct #105636-009)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-010)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #105636-011)</u> Account Balance at Wilmington Trust	8.23
<hr/>	
<u>Surplus Fund (Acct #105636-012)</u> Account Balance at Wilmington Trust	1,287,211.11
<hr/>	

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
10/31/2020

<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	305,329.01
<hr/>	
Prepayment Fund (Acct #105636-026) Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 305,333.73

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
10/31/2020

<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	\$	744,037.35
<hr/>		
Prepayment Fund (Acct #105636-027) Account Balance at Wilmington Trust		-
<hr/>		
TOTAL	\$	744,045.58

**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority
10/31/2020**

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	0.03
- Lien Interest A/C (Acct #105636-001)		67.88
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,263,221.76
- Reserve Fund CFD #2 (Acct #105636-005)		276,065.07
- Reserve Fund CFD #3 (Acct #105636-006)		1,495,524.66
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		21.35
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		619,045.69
- Reserve Fund CFD #2 (Acct #105639-005)		100,174.23
- Reserve Fund CFD #3 (Acct #105639-006)		540,859.68
TOTAL		
		\$ 5,294,980.36

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4
Financing Authority
(Terramor)
10/31/2020

<u>Special Tax Fund (Acct #133306-001)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>Interest Acct (Acct #133306-002)</u> Account Balance at Wilmington Trust	2,419.24
<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	45,999.81
<hr/>	
<u>Reserve fund Fund (Acct #133306-005)</u> Account Balance at Wilmington Trust	1,397,035.32
<hr/>	
<u>Surplus Fund (Acct #133306-006)</u> Account Balance at Wilmington Trust	47,864.91
<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	3,627,212.38
<hr/>	
<u>Cost of Issuance (Acct #133306-009)</u> Account Balance at Wilmington Trust	-
<hr/>	
TOTAL	\$ 5,120,531.66



PMIA/LAIF Performance Report as of 11/12/20



PMIA Average Monthly Effective Yields⁽¹⁾

Oct	0.620
Sep	0.685
Aug	0.784

Quarterly Performance Quarter Ended 09/30/20

LAIF Apportionment Rate ⁽²⁾ :	0.84
LAIF Earnings Ratio ⁽²⁾ :	0.00002309407394024
LAIF Fair Value Factor ⁽¹⁾ :	1.004114534
PMIA Daily ⁽¹⁾ :	0.65%
PMIA Quarter to Date ⁽¹⁾ :	0.80%
PMIA Average Life ⁽¹⁾ :	169

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 10/31/20 \$101.4 billion

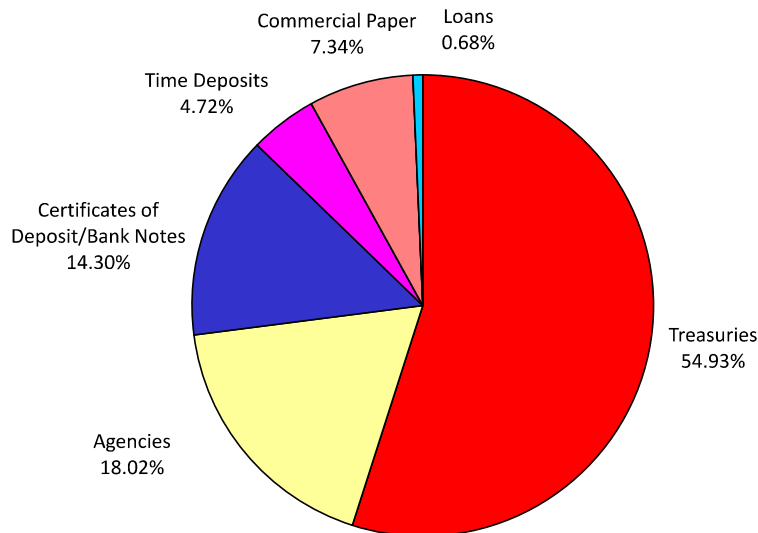


Chart does not include 0.01% of mortgages. Percentages may not total 100% due to rounding.

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

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

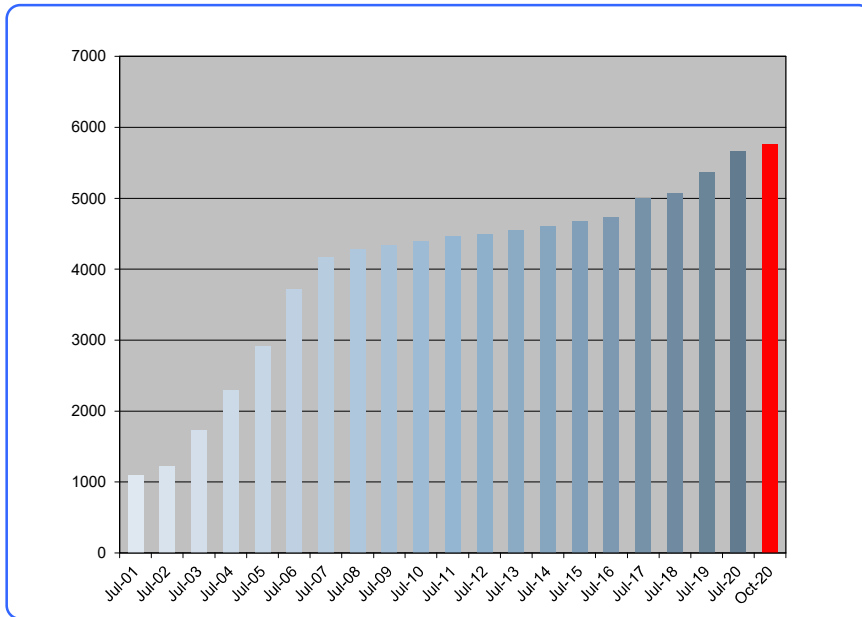
Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

**TEMESCAL VALLEY WATER DISTRICT
CUSTOMER COUNT PER YEAR(RESIDENTIAL)**
(Excludes SID#1 and SID#2 sewer customers)

DATE	Jul-01	Jul-02	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	Oct-20
CUSTOMERS	1090	1223	1729	2295	2910	3718	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	5000	5076	5358	5662	5764



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	1732	100%
The Retreat	525	525	100%
Terramor	1443	561	39% 15 MODELS
Harmony Grove	50	50	100%
	<u>6649</u>	<u>5764</u>	87%

TOTAL CUSTOMER COUNT REPORT
October 31, 2020

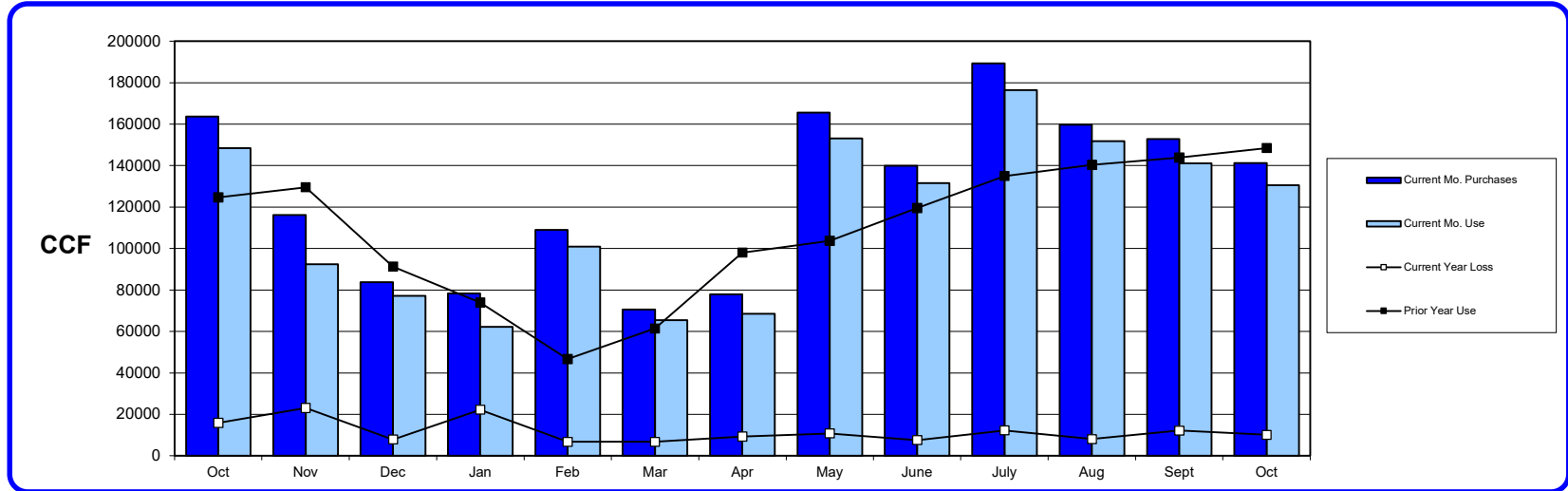
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 10 Accts closed/transf 73 Empty Homes 0			Butterfield (305) Calif. Meadows (345)	
Residential	5704	2	650	6356
Commercial	96	0	2	98
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	68	0	68
Non-Potable Water other	0	158	0	158
Construction-Bulk Sales	0	17	0	17
Total Active Customers	5845	246	652	6743

DELINQUENT REPORT

Meters Read - Customers Billed	6050	
Received Delinquent Notice on current bill	438	7.24%
Turned Off for lack of payment	0	0.00%
Customers turned back on, amount paid	0	0.00%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	TOTAL
Beg Water Levels	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	
Ending Water Levels	10430	11025	9761	11884	13221	9749	9832	11457	12313	12949	12811	12481	13198	
Cur Yearly Purchases	163770	116068	83803	78380	108992	70586	77875	165618	139964	189306	159742	152858	141244	1648206
Cur Yr Monthly Use	148423	92435	77239	62210	100925	65393	68501	153127	131536	176462	151828	141011	130445	1499535
Prior Yr Monthly Use	124684	129569	91254	73902	46657	61401	98045	103672	119497	134958	140366	143820	148423	1416248



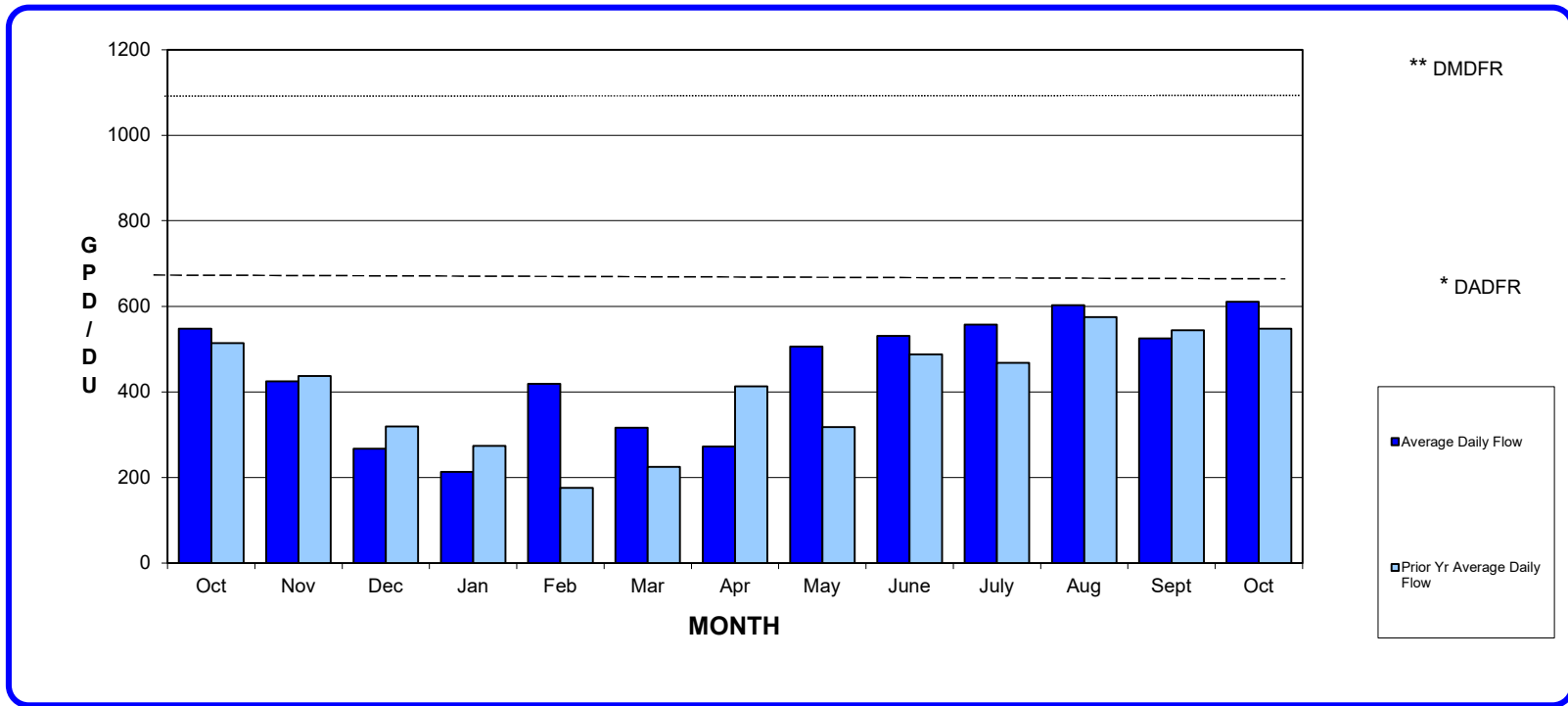
KEY

2018-2019
2019-2020
2020-2021

SUMMARY	CCF
Beginning Water in System	9628 CCF
Water Purchased in last 13 months	1648206 CCF
Water Used in last 13 months	1499535 CCF
Water Remaining in System	13198 CCF
(Loss)/Gain over last 13 months	(145101) CCF
	-8.80%

RESIDENTIAL WATER USAGE AVERAGE DAILY FLOW (GALLONS per DAY per RESIDENTIAL UNIT CONNECTED)

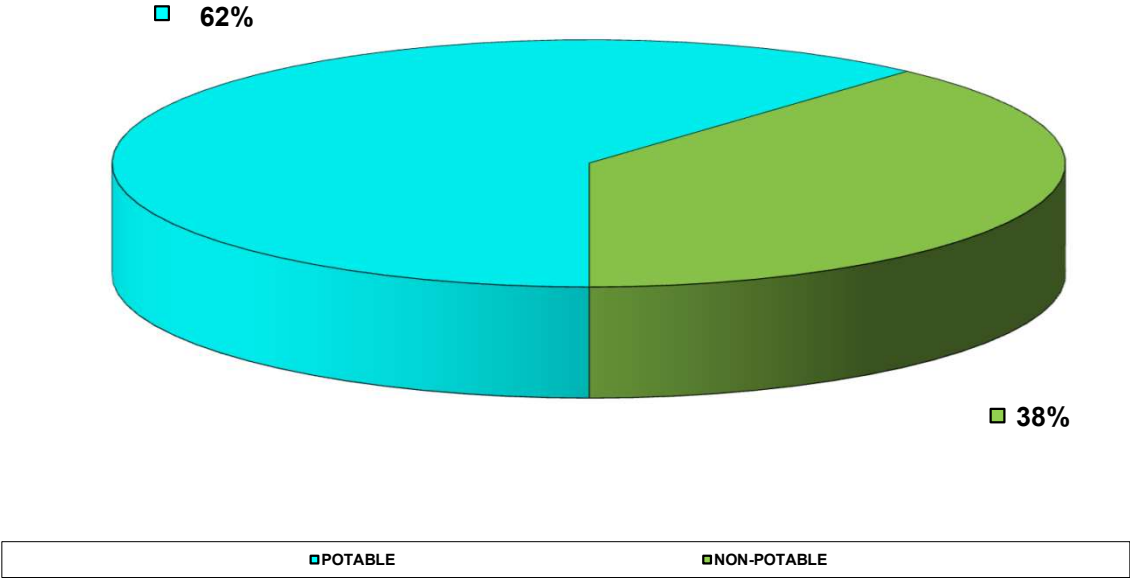
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	YEARLY AVERAGE
Average Daily Flow	547	424	267	213	419	316	272	506	531	557	603	525	611	437
Prior Yr Average Daily Flow	514	437	319	274	176	225	413	318	488	468	575	544	547	399



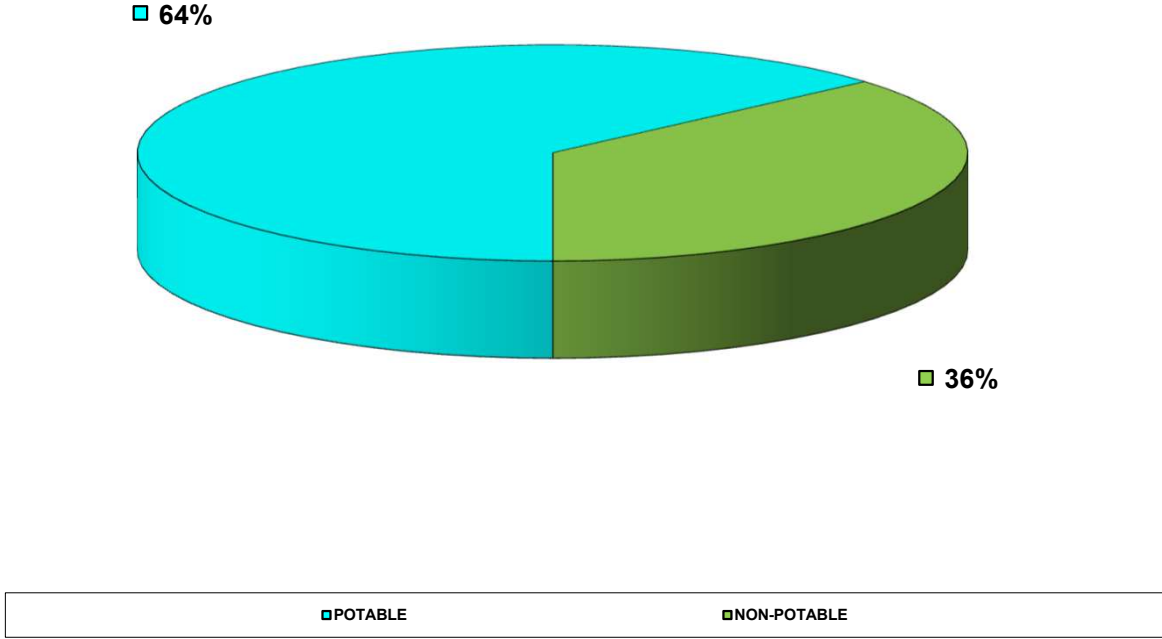
Key
2018-2019
2019-2020
2020-2021

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

**Temescal Valley Water District
Volume of Water Sold
For Four Month Ending October 31, 2020
F/Y 2020-2021**

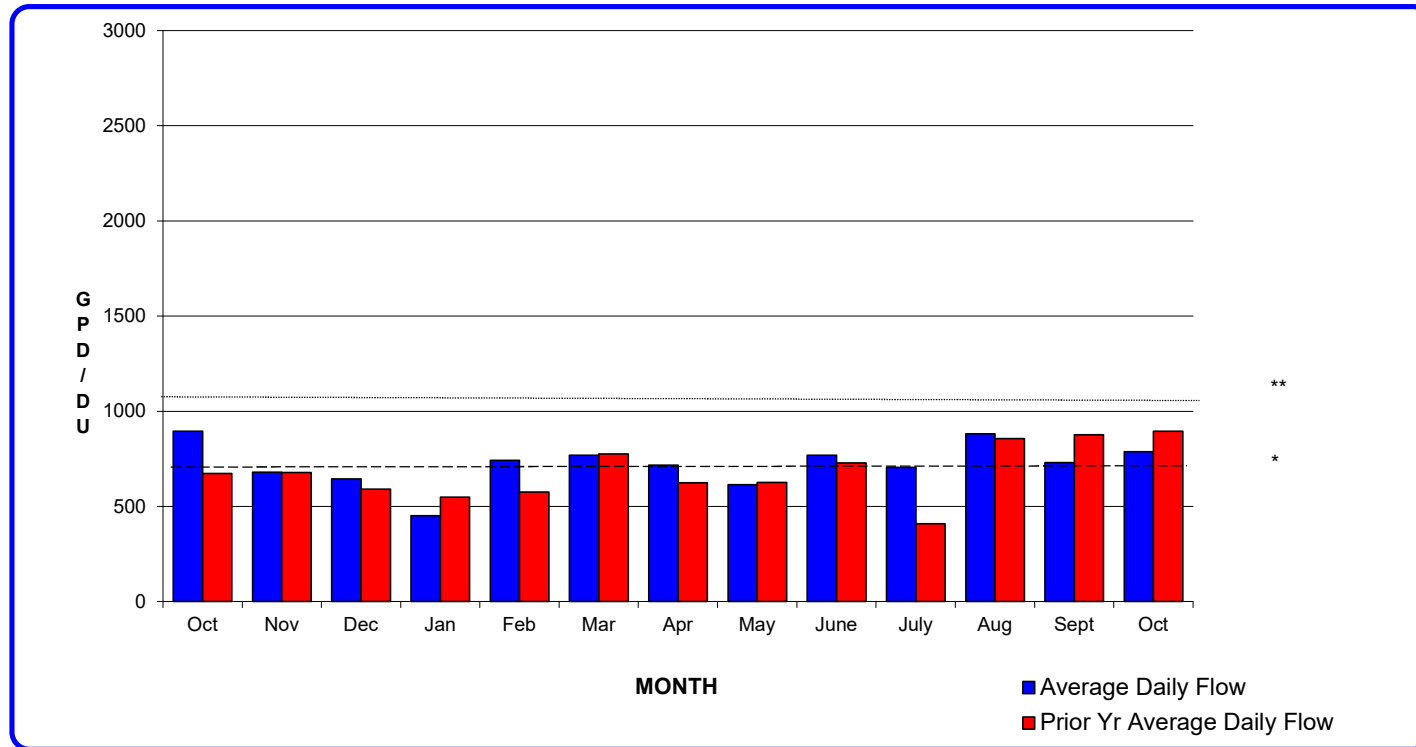


**Temescal Valley Water District
Water Volume Sold
For F/Y 2019-2020
Twelve Months**



**COMMERCIAL WATER USAGE
AVERAGE DAILY FLOW
(GALLONS per DAY per COMMERCIAL DWELLING UNIT CONNECTED)**

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	YEARLY AVERAGE
Average Daily Flow	896	679	644	451	742	769	717	615	769	705	881	730	788	708
Prior Yr Average Daily Flow	673	678	591	548	576	776	624	626	729	408	856	877	896	1169



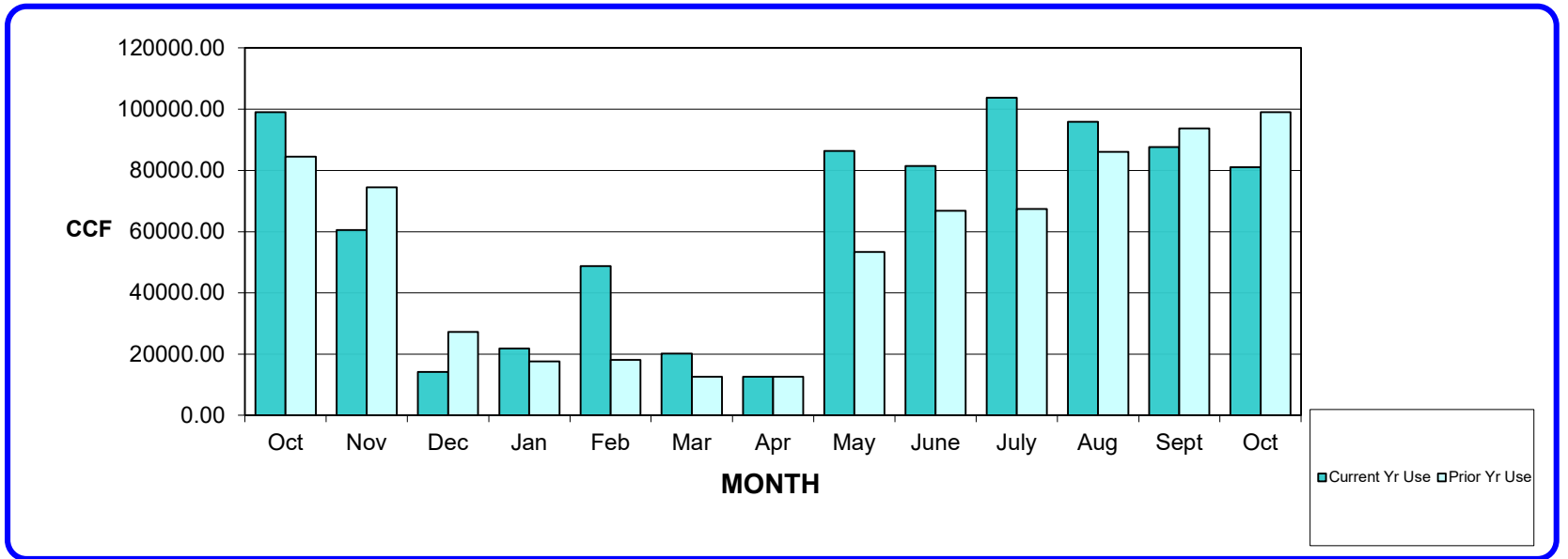
Key
2018-2019
2019-2020
2020-2021

* DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)

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

RECYCLED AND NON-POTABLE WELL WATER MONTHLY FLOW (ccf)

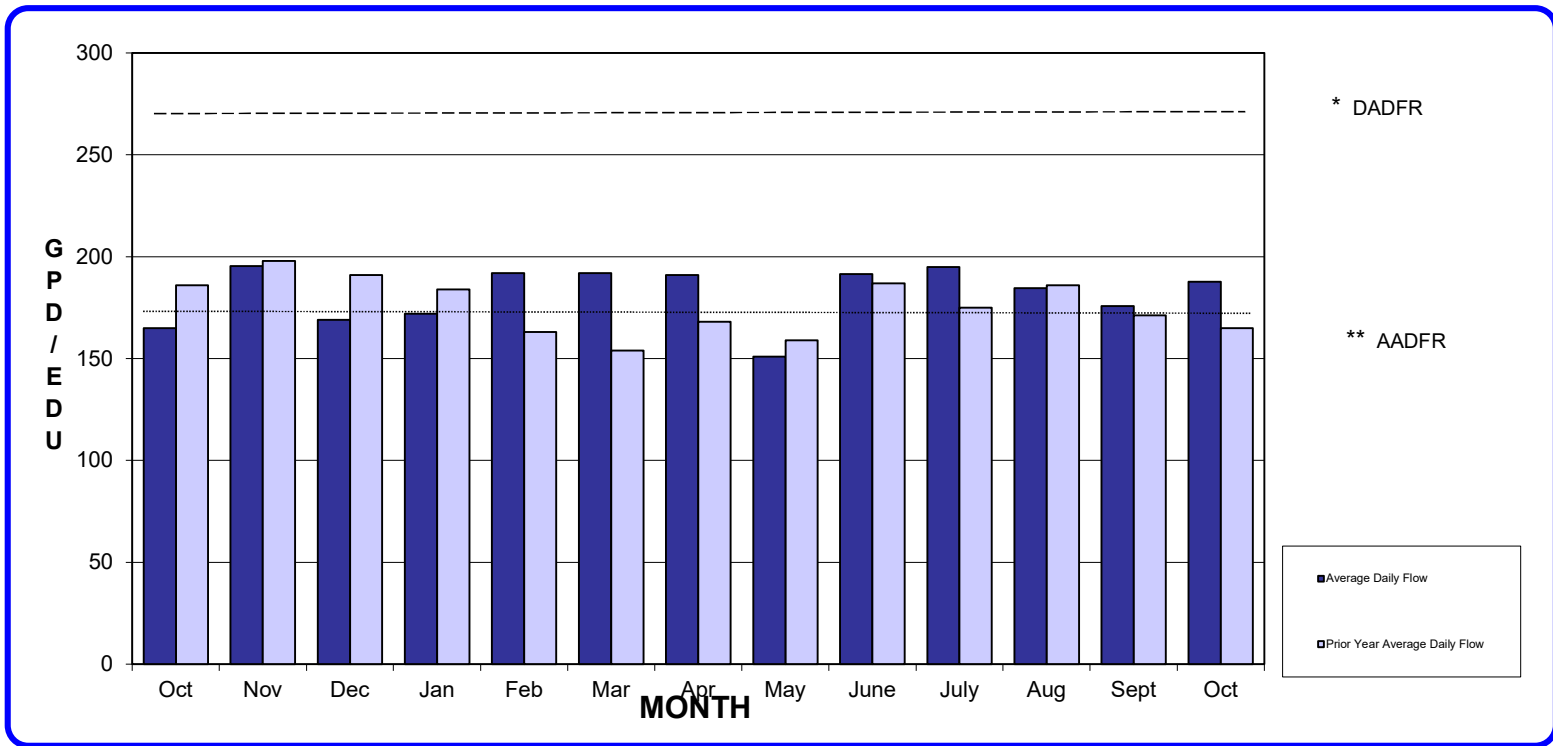
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
Current Yr Use	99015.59	60473.74	14232.16	21818.51	48679.88	20213.59	12552.04	86301.85	81489.94	103731.39	95840.25	87622.51	81051.36
Prior Yr Use	84552.12	74461.87	27296.00	17558.51	18076.74	12612.78	12612.78	53401.21	66847.21	67458.40	86056.00	93701.87	99015.59
Revenue	\$256,161	\$185,101	\$62,123	\$57,630	\$122,436	\$71,529	\$68,209	\$188,499	\$183,930	\$239,620	\$221,391	\$243,411	\$238,273



Key	
2018-2019	2019-2020
2019-2020	2020-2021

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

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	12-Month Average
Average Daily Flow	165	195	169	172	192	192	191	151	191	195	185	176	188	197
Prior Year Average Daily Flow	186	198	191	184	163	154	168	159	187	175	186	171	165	175



Key
 2018-2019
 2019-2020
 2020-2121

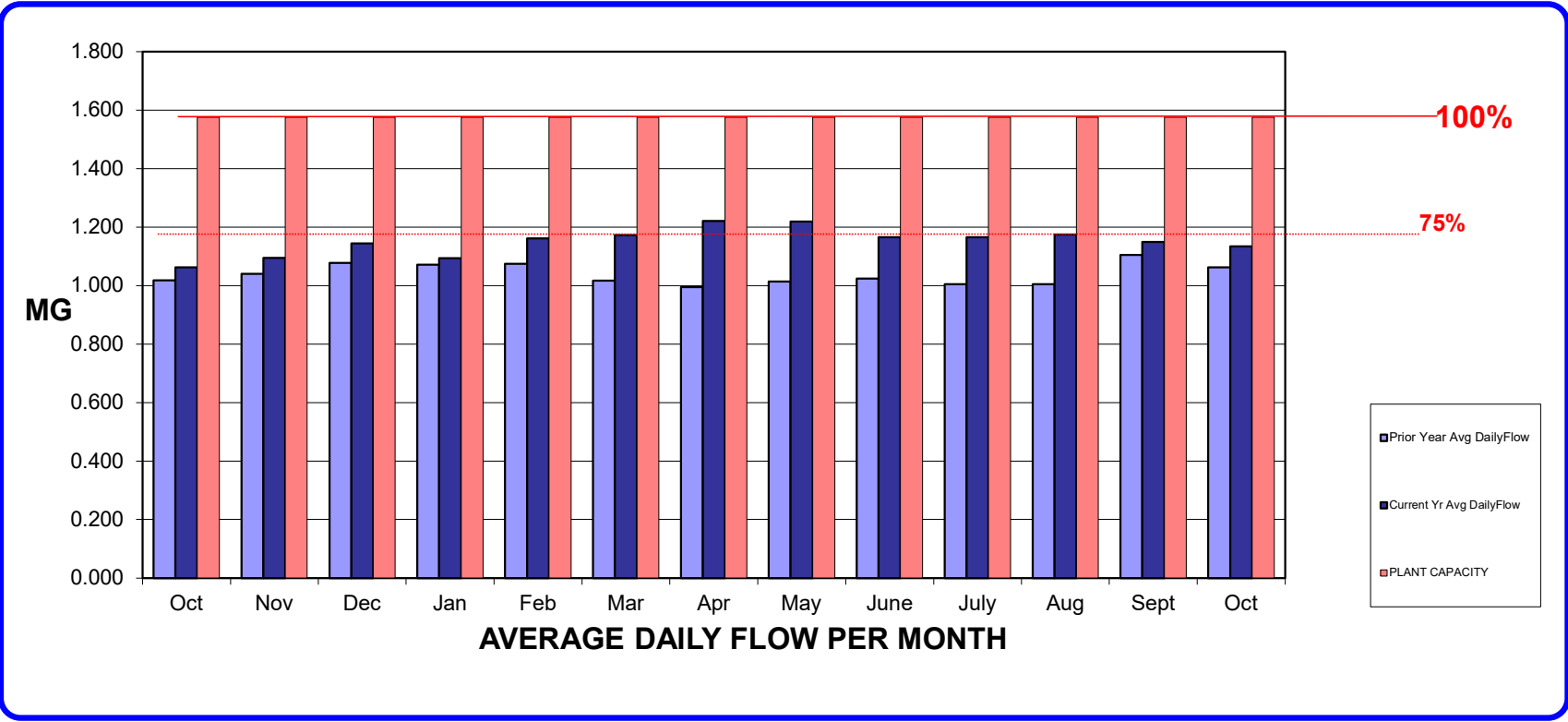
** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

RECLAMATION PLANT FLOW REPORT

AVERAGE DAILY FLOW (Million Gallons)

Key
2018-2019
2019-2020
2020-2021

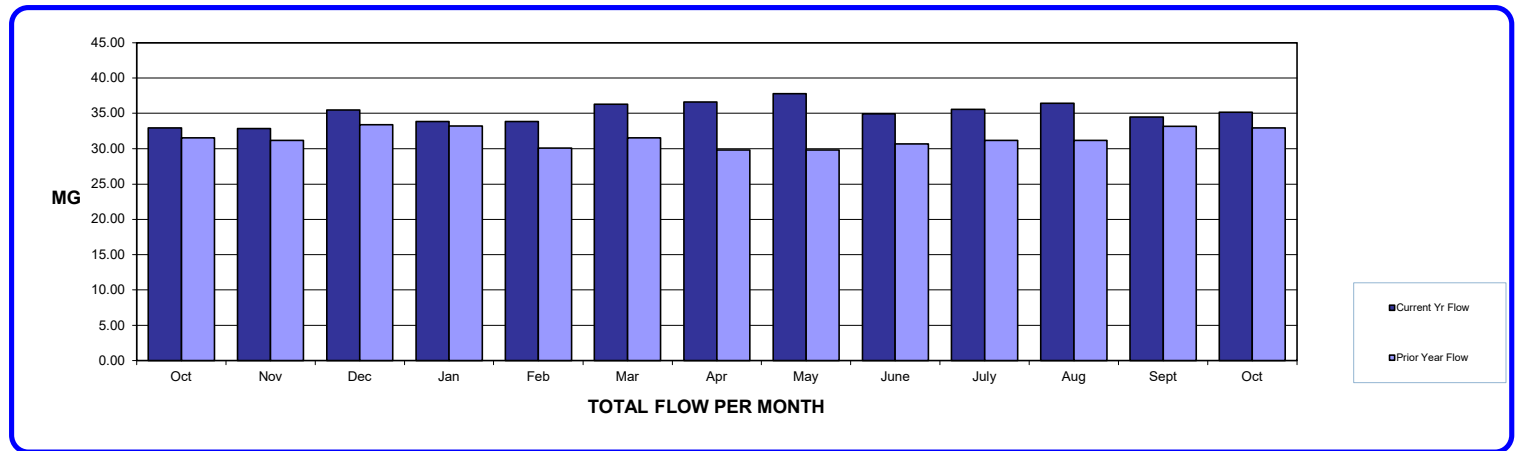
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
Current Yr Avg DailyFlow	1.0620	1.0950	1.1440	1.0930	1.1610	1.1720	1.2210	1.2190	1.1650	1.1650	1.1750	1.1490	1.1340
Prior Year Avg DailyFlow	1.0180	1.0400	1.0770	1.0720	1.0750	1.0170	0.9940	1.0140	1.0240	1.0050	1.0050	1.1050	1.0620
PLANT CAPACITY	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575	1.575



RECLAMATION PLANT DISCHARGE REPORT MONTHLY FLOW (Million Gallons)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Total/yr
Current Yr Flow	32.92	32.84	35.47	33.87	33.87	36.30	36.65	37.78	34.95	35.59	36.44	34.47	35.14	423.36
Prior Year Flow	31.55	31.19	33.38	33.21	30.11	31.53	29.82	29.82	30.71	31.17	31.16	33.15	32.92	378.17

Potential Revenue \$131,581 \$131,261 \$141,177 \$134,802 \$134,802 \$144,474 \$145,867 \$150,364 \$139,101 \$141,648 \$145,031 \$145,031 \$145,031 \$1,698,589

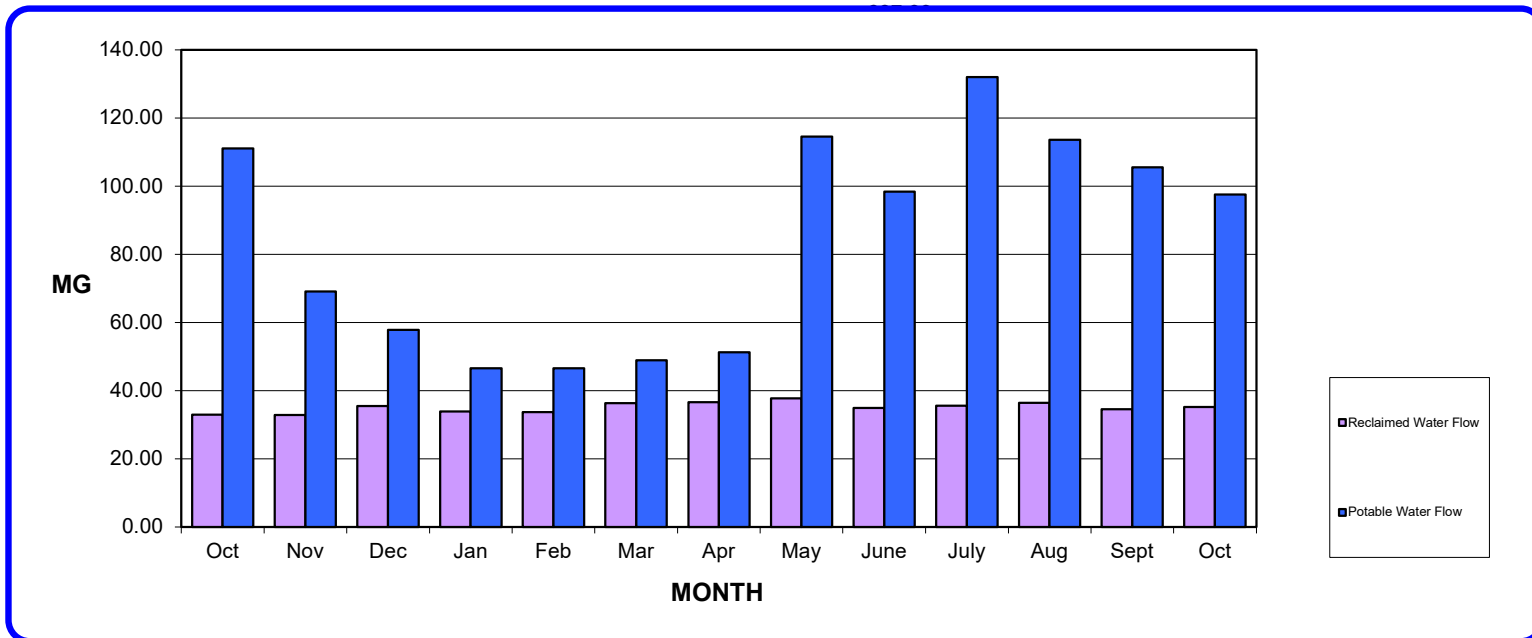


Key
 2018-2019
 2019-2020
 2020-2021

Note - recycled water only

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct
No. of Sewer Dwelling Units Connected	6413	6423	6480	6463	6513	6512	6513	6583	6611	6639	6658	6667	6687
Reclaimed Water Flow	32.92	32.84	35.47	33.87	33.68	36.30	36.65	37.78	34.95	35.59	36.44	34.47	35.14
Potable Water Flow	111.02	69.14	57.78	46.53	46.53	48.91	51.24	114.54	98.39	131.99	113.57	105.48	97.57



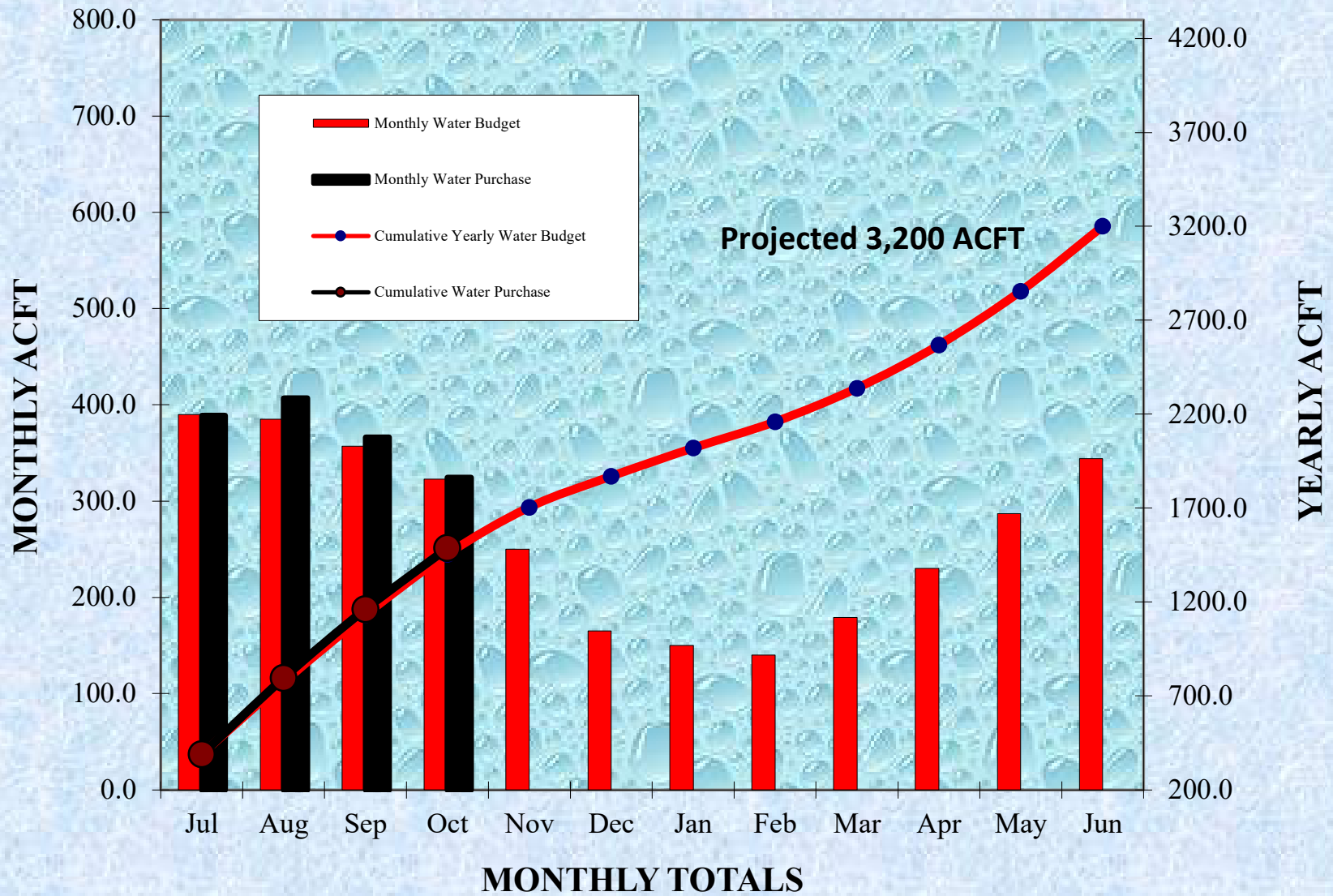
AMOUNTS IN UNITS (CCF) (ONE UNIT = 748 GALS.)

Month	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Terramor(8)	Harmony Gr	Avg All Resid	AVG IND-BK / IRR (1)	TOTAL		
											RECYCLED	NONPOT-Other	NONPOT-Trilogy Golf
AVG '07-'08	18.1	32.7	15.9	32.2	21.7	37.1	0.03	-	25.9	106.6			
AVG '08-'09	24.6	33.8	17.0	33.3	32.6	40.8	-	-	25.4	53.3			
AVG '09-'10	21.9	30.0	15.8	30.2	26.3	38.0	-	-	23.0	51.7			
AVG '10-'11	20.6	27.6	15.5	25.8	25.1	35.2	-	-	22.3	36.0			
AVG '11-'12	21.0	27.9	15.9	27.3	24.7	34.0	-	-	22.5	82.3			
AVG '12-'13	21.9	31.3	15.6	27.5	23.6	30.5	-	-	22.9	190.0			
AVG '13-'14	22.5	33.8	16.5	28.2	24.5	30.6	-	-	23.0	9.8			
AVG '14-'15	20.7	28.4	15.4	26.8	21.9	28.2	-	-	21.2	62.8			
AVG '15-'16	17.4	21.3	10.6	22.4	16.9	24.3	-	-	16.5	105.4	38,401.9	4,639.1	18,977.2
AVG '16-'17	18.4	26.4	16.7	24.8	18.5	27.1	26.4	-	19.4	211.0	46,977.4	8,442.6	16,068.4
AVG '17-'18	18.2	22.9	14.0	25.4	18.4	27.1	16.0	-	18.8	378.4	48,106.6	4,904.8	16,348.5
AVG '18-'19	20.3	26.4	15.7	27.1	19.2	27.3	12.9	0.3	19.5	145.9	39,101.6	4,511.4	12,445.3
AVG '19-'20	20.1	24.4	15.4	25.6	18.6	27.2	12.7	6.1	18.9	399.3	41,168.9	3,775.2	11,460.0
Jul-20	31.2	42.5	25.5	38.9	27.4	45.0	18.1	9.6	29.8	31.4	54,354.0	6,744.5	24,829.5
Aug-20	25.8	35.3	24.4	35.2	23.0	39.3	16.0	7.6	25.7	51.1	64,441.2	7,067.0	19,876.2
Sep-20	24.1	35.5	21.2	31.8	21.6	36.1	16.6	6.6	23.9	13.4	59,913.0	5,150.0	17,782.0

WHOLESALE BUDGET vs PURCHASE

Water Year July 2020 through June 2021

3200 ACFT PROJECTION)



Temescal Valley Water District

Annual Financial Plan and Rate Review

November 24, 2020





November 24, 2020

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.

- Working on non-potable water supply improvements
 - Park Canyon Drive RW line – The property has been sold and I am working with the new owners to get the necessary easements. Will Serve Letters were renewed.
- Working on Conservation opportunities and RW/NP conversion locations
 - New District programs for turf and nozzles
 - 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.
- Working with Land Developers on water and sewer fees for multiple infill projects.
 - Deleo adjacent to Tom's Farms – no news
 - Forest Boundary –home building continues -Last Phase
 - Retreat Infill – Kiley Court – Plans signed –
 - Temescal Canyon Road at Campbell Ranch Road – Improvement plans signed – contacted by proposed buyer for discussion on improvements required.
 - Kiley Family Trust Property – Tract Map Stage - Public Hearing scheduled
- Terramor CFD – CFD 4 annexation of Phase 2 completed - Constructing the WRF expansion
- Terramor Review:
 - Phase 3 –Contacted by Engineer that improvement plans are being developed
- Terramor Onsite Water, Sewer and RW improvements
 - Work continues Improvement Area 2 – Richmond America, Pardee and Pulte. Grading of Phase 3 to start in December 2020
- Sycamore Creek:
 - TM 36317 Water Sewer and RW improvement plans – TVWD infrastructure is 100% complete – Booster SP complete, accepted by the District and in operation.
- 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.

Temescal Valley Water District

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



- Knabe Road Looping:
 - Contract signed – additional work required and realignment – Change order required to start work. Report at the Board meeting. Project is complete and will be connected to our system on Nov 24th.

MEMORANDUM

DATE: November 24, 2020

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: Project: Phase IV Water Reclamation Facility Expansion Project –Payment Request 12
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>\$28,980.07</u>
Current Contract Amount	\$16,473,480.07

Earned this Period -	\$324,245.00
5% retention -	\$ 16,212.25
Earned less retention -	\$308,032.75

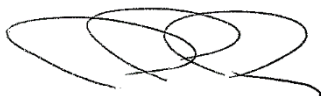
DUE - Contractor \$ 324,245.00

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the payment of \$324,245.00 which is a current payment of \$308,032.75 to the Contractor and a retention payment of \$16,212.25 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	Total Comp to Date	Payment Request No.	COST RESPONSIBILITY			PAYMENT SOURCE (see notes)				Math Check		
						Approved this Period	33.33%	66.67%	TVWD		FORESTAR		Retainage 5.00%	PHC 95.00%	
							TVWD	FORESTAR	Retainage	PHC	Retainage	PHC			
11/30/2019	12/9/2019	12/10/2019	12/17/2019		Request No. 1	\$ 638,750.00	\$ 638,750.00	\$ 212,916.67	\$ 425,833.33	\$ 10,645.83	\$ 202,270.83	\$ 21,291.67	\$ 404,541.67	\$ 31,937.50	\$ 606,812.50
12/31/2019	1/6/2020	1/14/2020	1/28/2020		Request No. 2	\$ 942,930.00	\$ 304,180.00	\$ 101,393.33	\$ 202,786.67	\$ 5,069.67	\$ 96,323.67	\$ 10,139.33	\$ 192,647.33	\$ 15,209.00	\$ 288,971.00
1/31/2020	2/21/2020	3/17/2020	3/24/2020		Request No. 3	\$ 1,864,845.00	\$ 921,915.00	\$ 307,305.00	\$ 614,610.00	\$ 15,365.25	\$ 291,939.75	\$ 30,730.50	\$ 583,879.50	\$ 46,095.75	\$ 875,819.25
2/29/2020	3/19/2020	4/2/2020	4/28/2020		Request No. 4	\$ 2,690,745.00	\$ 825,900.00	\$ 275,300.00	\$ 550,600.00	\$ 13,765.00	\$ 261,535.00	\$ 27,530.00	\$ 523,070.00	\$ 41,295.00	\$ 784,605.00
3/31/2020	4/13/2020	4/16/2020	4/28/2020		Request No. 5	\$ 3,124,195.00	\$ 433,450.00	\$ 144,483.33	\$ 288,966.67	\$ 7,224.17	\$ 137,259.17	\$ 14,448.33	\$ 274,518.33	\$ 21,672.50	\$ 411,777.50
4/30/2020	5/14/2020	5/19/2020	5/26/2020		Request No. 6	\$ 4,108,360.00	\$ 984,165.00	\$ 328,055.00	\$ 656,110.00	\$ 16,402.75	\$ 311,652.25	\$ 32,805.50	\$ 623,304.50	\$ 49,208.25	\$ 934,956.75
5/31/2020	6/1/2020	6/11/2020	6/23/2020		Request No. 7	\$ 5,208,145.00	\$ 1,099,785.00	\$ 366,595.00	\$ 733,190.00	\$ 18,329.75	\$ 348,265.25	\$ 36,659.50	\$ 696,530.50	\$ 54,989.25	\$ 1,044,795.75
6/30/2020	7/2/2020	7/9/2020	7/28/2020		Request No. 8	\$ 6,094,655.00	\$ 886,510.00	\$ 295,503.33	\$ 591,006.67	\$ 14,775.17	\$ 280,728.17	\$ 29,550.33	\$ 561,456.33	\$ 44,325.50	\$ 842,184.50
7/31/2020	8/6/2020	8/13/2020	8/25/2020		Request No. 9	\$ 7,545,125.00	\$ 1,450,470.00	\$ 483,490.00	\$ 966,980.00	\$ 24,174.50	\$ 459,315.50	\$ 48,349.00	\$ 918,631.00	\$ 72,523.50	\$ 1,377,946.50
8/31/2020	9/9/2020	9/10/2020	9/27/2020		Request No. 10	\$ 8,585,310.00	\$ 1,040,185.00	\$ 346,728.33	\$ 693,456.67	\$ 17,336.42	\$ 329,391.92	\$ 34,672.83	\$ 658,783.83	\$ 52,009.25	\$ 988,175.75
9/30/2020	10/7/2020	10/15/2020	10/27/2020		Request No. 11	\$ 9,534,865.00	\$ 949,555.00	\$ 316,518.33	\$ 633,036.67	\$ 15,825.92	\$ 300,692.42	\$ 31,651.83	\$ 601,384.83	\$ 47,477.75	\$ 902,077.25
10/31/2020	11/3/2020	11/5/2020	11/24/2020		Request No. 12	\$ 9,859,110.00	\$ 324,245.00	\$ 108,081.67	\$ 216,163.33	\$ 5,404.08	\$ 102,677.58	\$ 10,808.17	\$ 205,355.17	\$ 16,212.25	\$ 308,032.75
TOTALS TO DATE							\$ 9,859,110.00	\$ 3,286,370.00	\$ 6,572,740.00	\$ 164,318.50	\$ 3,122,051.50	\$ 328,637.00	\$ 6,244,103.00	\$ 492,955.50	\$ 9,366,154.50

Notes:

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

**EXHIBIT B
TVWD SEWER TREATMENT PLANT EXPANSION**

	Actual		Paid/responsibility	
			TVWD	Forestar
Generator Replacement				
Generator Replacement	\$ 415,400.00	ACS Engineering Contract	\$ 415,400.00	
Contingency 10%	\$ -			
Design Engineering 9%	\$ 46,150.00	By Dexter Wilson/Forestar		\$ 46,150.00
Plan Check	\$ 5,470.00	Estimated TVWD Inspection		\$ 5,470.00
CM and Inspection	\$ 26,250.00	Estimated Dudek Bidding	\$ 26,250.00	
	\$ 493,270.00			
SBR Controls And Equipment				
SBR Controls And Equipment	\$ 1,110,117.00	Parkson Corporation Contract	\$ 1,110,117.00	
Contingency 10%	\$ 111,011.70		\$ 111,011.70	
Design Engineering	\$ -	By Dexter Wilson/Forestar		
Plan Check & Inspection 4%	\$ 12,000.00	Estimated TVWD Inspection	\$ 12,000.00	
Construction Management 5%	\$ 15,000.00	Estimated Dudek Bidding	\$ 15,000.00	
	\$ 1,248,128.70			
Phase VI Treatment Plant Expansion				
Phase VI Treatment Plant Expansion	\$ 16,444,500.00			
10% Contingency	\$ 1,644,450.00			
Design Engineering	\$ 998,538.00	By Dexter Wilson/Forestar		\$ 998,538.00
Plan Check & Inspection				
Plan Check - TVWD	\$ 43,973.09	Paid By Forestar		\$ 43,973.09
Inspection - TVWD	\$ 60,000.00	Estimate - Non Process Equip.	\$ 60,000.00	
Construction Management				
Bidding	\$ 23,600.00	Bid Package - Murow	\$ 23,600.00	
Labor Compliance/Contract Admin	\$ 502,280.00	Murow-Sr CM, Assist CM, Snr PM	\$ 502,280.00	
Dexter Wilson	\$ 100,000.00	Bid RFI's, Constr. RCO, RFI's	\$ 100,000.00	
TVWD	\$ 75,000.00	Estimate - SCADA/Integrator	\$ 75,000.00	
	\$ 19,892,341.09			
Total	\$ 21,633,739.79		\$ 2,450,658.70	\$ 1,094,131.09
	\$ 32.05			
	\$ 8,333.00			

EDUs	Cost Responsibility per Agreements	%	Splits	Paid or Responsibility	Due During Const	Funds Required	Delta
865.38	TVWD %	0.33333	\$ 7,211,246.60	\$ 2,450,658.70	\$ 4,760,587.90	\$ 4,760,587.90	\$ -
1,570.24	Forestar %	0.66667	\$ 13,084,793.19				
165.00	Glen Ivy GOCO	0.06370	\$ 1,337,700.00				
1,345.22	CFD Bond funding = 85.67%		\$ 11,209,742.33		\$ 11,209,742.33	\$ 9,983,749.00	\$ (1,225,993)
225.02	Developer =14.33%		\$ 1,875,050.86	\$ 1,094,131.09	\$ 780,919.77	\$ 1,337,700.00	\$ 556,780
			\$ 21,633,739.79		\$ 16,751,250.00		\$ (669,213)

Pacific Hydrotech Contract Summary

Contract Amount	\$ 16,444,500.00
Primary Cover Beams Change Orders	\$ 28,980.07
Leed Electrical Work	\$ 94,137.69
Current contract Amount	\$ 16,567,617.76

BOND CONSTRUCTION FUND AMOUNT

BOND PROCEEDS	\$ 20,579,272.42
Interest to 10/1/20	\$ 254,898.67
Total 10/1/2020	\$ 20,834,171.09

FOREMOST PAID	(\$10,850,421.55)
Pac Hydro	\$ (6,572,740.00)
Remaining 10/1/2020	\$ 3,411,009.54

TVWD paid Incidentals as of 10/1/2020

Engineering	\$ 321,746.00
Specialized Inspection	\$ 55,917.00
Construction Management	\$ 305,702.00
EDISON	\$ 24,360.00
SCADA/ Controls	\$ 56,018.00
Temp Facilities	\$ 34,000.00
	\$ 797,743.00

PAYMENT APPLICATION

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

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

APPLICATION # 12
PERIOD THRU: 10/31/2020
Owner Project #:

DISTRIBUTION TO:
 CONTRACTOR
 CONSTR. MGR.
 CITY INSPECTOR
 OWNER

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

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

DATE OF CONTRACT: 8/16/2019

CONTRACTOR'S SUMMARY OF WORK

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

1. CONTRACT AMOUNT		16,444,500.00
2. SUM OF ALL CHANGE ORDERS		28,980.07
3. CURRENT CONTRACT AMOUNT (Line 1 + 2)		16,473,480.07
4. TOTAL COMPLETED AND STORED (Column G on Continuation Page)		9,859,110.00
5. RETAINAGE:		
A. 5% Of Completed Work (Columns D+ E on Continuation Page)	492,955.50	
B. 5% of Material Stored (Column F on Continuation Page)	0.00	
Total Retainage (Line 5a + 5b or Column I on Continuation Page)		492,955.50
6. TOTAL COMPLETED AND STORED LESS RETAINAGE: (Line 4 minus Line 5 Total)		9,366,154.50
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT:		9,058,121.75
8. CURRENT PAYMENT DUE:		308,032.75
9. BALANCE HELD BY OWNER: Line 3 - Line 6	7,107,325.57	

SUMMARY OF CHANGE ORDERS	ADDITIONS	DEDUCTIONS
Total changes approved in previous months	28,980.07	0.00
Total approved this month	0.00	0.00
TOTALS	28,980.07	0.00
NET CHANGES	28,980.07	

CONTRACTOR: PACIFIC HYDROTECH CORPORATION
Contractor's signature below:

By: *Jonathan Hilber* Date: 11/3/2020

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

By: *Bob Weber* Date: 11/04/2020

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

By: *Roland Kea* Date: 11-4-2020

OWNER'S CERTIFICATION

CERTIFIED AMOUNT:308,032.75

OWNER: TEMESCAL VALLEY WATER DISTRICT
Owner's signature below

By: *[Signature]* Date: 11/5/2020

PAYMENT APPLICATION DETAILS

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

Application Number: 12
For Period Ending: 10/31/2020

A	B	C	E			F	G		H	I
			Scheduled Value	From Previous Application	This Period Value		Total Percent this Period	Materials Presently Stored		
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	746,500.00	3,000.00	0.37%	0.00	749,500.00	91.40	70,500.00	37,475.00
01.01	BONDS AND INSURANCE	350,000.00	350000.00	0.00	0.00%	0.00	350000.00	100.00	0.00	17,500.00
01.02	MOBILIZE EQUIPMENT AND TEMP FACILITIES	325,000.00	325000.00	0.00	0.00%	0.00	325000.00	100.00	0.00	16,250.00
01.03	DEMOB EQUIPMENT AND TEMP FACILITIES	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
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	7500.00	0.00	0.00%	0.00	7500.00	25.00	22,500.00	375.00
01.06	PRECONSTRUCTION VIDEO	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
01.07	MAINTAIN TEMP FACILITIES	60,000.00	39000.00	3,000.00	5.00%	0.00	42000.00	70.00	18,000.00	2,100.00
02	SHEETING, SHORING, AND BRACING	6,100.00	4,575.00	305.00	5.00%	0.00	4,880.00	80.00	1,220.00	244.00
02.01	TRENCH SHORING	6,100.00	4575.00	305.00	5.00%	0.00	4880.00	80.00	1,220.00	244.00
03	EROSION CONTROL	55,700.00	43,205.00	1,785.00	3.20%	0.00	44,990.00	80.77	10,710.00	2,249.50
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	23205.00	1,785.00	5.00%	0.00	24990.00	70.00	10,710.00	1,249.50
04	SURVEY	24,200.00	19,360.00	0.00	0.00%	0.00	19,360.00	80.00	4,840.00	968.00
04.01	SURVEY	24,200.00	19360.00	0.00	0.00%	0.00	19360.00	80.00	4,840.00	968.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	27,235.00	2,095.00	5.00%	0.00	29,330.00	70.00	12,570.00	1,466.50
05.01	MAINTAIN PLANT FACILITY OPERATIONS	41,900.00	27235.00	2,095.00	5.00%	0.00	29330.00	70.00	12,570.00	1,466.50
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	212,525.00	0.00	0.00%	0.00	212,525.00	91.96	18,575.00	10,626.25
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	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00

06.06	REROUTE SBR ELECTRICAL DE0.0 NOTE 14	20,100.00	5025.00	0.00	0.00%	0.00	5025.00	25.00	15,075.00	251.25
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	17,700.00	0.00	0.00%	0.00	17,700.00	12.41	124,900.00	885.00
07.01	DEMO SUB MOBILIZATION	4,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,000.00	0.00
07.02	DEMOLISH & REMOVE GRIT CHAMBER STRUCTURE	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
07.03	DEMO & REMOVE GRIT CHAMBER PUMPS & PADS	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
07.04	DEMO & REMOVE GRIT CHAMBER ACCESS STAIRS	50,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00
07.05	DEMO & REMOVE RETAINING WALL AT STAIRS	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
07.06	OTHER MISC DEMOLITION	23,600.00	17700.00	0.00	0.00%	0.00	17700.00	75.00	5,900.00	885.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	917,900.00	59,250.00	4.08%	0.00	977,150.00	67.21	476,750.00	48,857.50
08.01	POTHOLE	40,000.00	38000.00	0.00	0.00%	0.00	38000.00	95.00	2,000.00	1,900.00
08.02	UNLOAD PIPE MATERIALS	25,000.00	23750.00	0.00	0.00%	0.00	23750.00	95.00	1,250.00	1,187.50
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	166250.00	8,750.00	5.00%	0.00	175000.00	100.00	0.00	8,750.00
08.06	4" WHP PLANT WATER LINE @SED. BASIN	45,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	45,900.00	0.00
08.07	8" TD LINE @ SEDIMENTATION FILTER	62,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	62,000.00	0.00
08.08	4" SC LINE @ SEDIMENTATION BASIN	32,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	32,000.00	0.00
08.09	CLEANOUTS	18,000.00	14400.00	0.00	0.00%	0.00	14400.00	80.00	3,600.00	720.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	95,000.00	0.00
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	29000.00	29,000.00	20.00%	0.00	58000.00	40.00	87,000.00	2,900.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
08.16	16" BP PIPE @ TERTIARY FILTERS	38,000.00	19000.00	19,000.00	50.00%	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	39000.00	0.00	0.00%	0.00	39000.00	50.00	39,000.00	1,950.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	42,000.00	0.00
08.22	EXC/SET/BACKFILL CATCH BASIN	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
08.23	TEST PIPES	50,000.00	17500.00	2,500.00	5.00%	0.00	20000.00	40.00	30,000.00	1,000.00

09	GRADING	454,900.00	277,590.00	15,850.00	3.48%	0.00	293,440.00	64.51	161,460.00	14,672.00
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	10000.00	10,000.00	50.00%	0.00	20000.00	100.00	0.00	1,000.00
09.04	EXC. SEDIMENTATION BASIN & BIOFILTER	32,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	32,000.00	0.00
09.05	FINE GRADE BOTTOM (SBR)	8,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	8,000.00	0.00
09.06	BACKFILL SEDIMENTATION BASIN & BIOFILTER	32,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	32,000.00	0.00
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	3750.00	0.00	0.00%	0.00	3750.00	50.00	3,750.00	187.50
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	0.00	5,850.00	90.00%	0.00	5850.00	90.00	650.00	292.50
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	18840.00	0.00	0.00%	0.00	18840.00	60.00	12,560.00	942.00
09.17	EXPORT SPOILS	125,000.00	75000.00	0.00	0.00%	0.00	75000.00	60.00	50,000.00	3,750.00
09.18	ROAD CLEAN UP	5,000.00	2500.00	0.00	0.00%	0.00	2500.00	50.00	2,500.00	125.00
09.19	FINE GRADE	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
10	ASPHALT FINE GRADING, ETC.	219,100.00	0.00	0.00	0.00%	0.00	0.00	0.00	219,100.00	0.00
10.01	BASE MATERIALS	40,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	40,000.00	0.00
10.02	FINE GRADING FOR PAVEMENT	45,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	45,000.00	0.00
10.03	AC MATERIALS	60,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	60,000.00	0.00
10.04	AC PAVING	45,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	45,000.00	0.00
10.05	REDWOOD HEADER MATERIALS	2,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,600.00	0.00
10.06	REDWOOD HEADER INSTALLATION	9,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,500.00	0.00
10.07	COLD MILL	11,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	11,000.00	0.00
10.08	FOG SEAL	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
11	CONSTRUCTION SEQUENCING	48,700.00	28,700.00	0.00	0.00%	0.00	28,700.00	58.93	20,000.00	1,435.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
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	260,300.00	50,000.00	14.74%	0.00	310,300.00	91.45	29,000.00	15,515.00
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	93500.00	0.00	0.00%	0.00	93500.00	85.00	16,500.00	4,675.00
13.03	PURCHASE & INSTL HANDRAIL @ INFLUENT PS	9,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,000.00	0.00
13.04	MECHANICAL WORK @ INFLUENT PS	72,000.00	36000.00	36,000.00	50.00%	0.00	72000.00	100.00	0.00	3,600.00
13.05	PAINTING	7,000.00	3500.00	0.00	0.00%	0.00	3500.00	50.00	3,500.00	175.00
13.06	CONCRETE WORK @ INFLUENT PS	70,000.00	56000.00	14,000.00	20.00%	0.00	70000.00	100.00	0.00	3,500.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	195,050.00	0.00	0.00%	0.00	195,050.00	73.94	68,750.00	9,752.50
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	0.00	0.00	0.00%	0.00	0.00	0.00	8,500.00	0.00
14.03	INSTALL TROUGH	10,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,500.00	0.00
14.04	PURCHASE AND INSTALL STEEL PIPE	20,000.00	10000.00	0.00	0.00%	0.00	10000.00	50.00	10,000.00	500.00
14.05	PURCHASE AND INSTALL LADDER	7,500.00	3750.00	0.00	0.00%	0.00	3750.00	50.00	3,750.00	187.50
14.06	MISC. MECHANICAL	28,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	28,000.00	0.00
14.07	REPAIR WALL	8,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	8,000.00	0.00
15	PRIMARY SEDIMENTATION TANK	3,190,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,190,200.00	0.00
15.01	LAYOUT AND FORM FOR FLOOR	150,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	150,000.00	0.00
15.02	POUR TANK FLOOR	550,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	550,000.00	0.00
15.03	ASSEMBLE/DISASSEMBLE WALL FORMS	120,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	120,000.00	0.00
15.04	FORM/POUR/STRIP WALLS	560,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	560,000.00	0.00
15.05	WALL CURING	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
15.06	POUR MASS FILL	31,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	31,000.00	0.00
15.07	PROCURE AND LAYOUT MECHANICAL EQUIPMENT	1,250,700.00	0.00	0.00	0.00%	0.00	0.00	0.00	1,250,700.00	0.00
15.08	INSTALL DI ABOVE GRADE PIPING	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
15.09	INSTALL SLIDE GATES	17,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	17,500.00	0.00
15.10	INSTALL FLUMES	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
15.11	INSTALL CHAIN FLIGHTS AND MOTORS	45,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	45,000.00	0.00
15.12	INSTALL FRP TROUGHS	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
15.13	INSTALL SCUM COLLECTORS	13,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	13,000.00	0.00
15.14	INSTALL SLUDGE PUMPS	9,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,000.00	0.00
15.15	INSTALL PIPING IN SLUDGE GALLERY	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00

15.16	INSTALL PIPE SUPPORTS	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
15.17	SET STAIRCASE	18,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,000.00	0.00
15.18	SET RAILINGS	12,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
15.19	DECK SHORING	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
15.20	INSTALL DOORS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
15.21	HVAC	50,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00
15.22	PAINTING AND COATING	250,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	250,000.00	0.00
15.23	WATERPROOFING	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
16	SED TANK & DIGESTERS BIOFILTER SYSTEMS	695,800.00	433,210.00	0.00	0.00%	0.00	433,210.00	62.26	262,590.00	21,660.50
16.01	PROCURE BIOFILTER EQUIPMENT	250,000.00	200000.00	0.00	0.00%	0.00	200000.00	80.00	50,000.00	10,000.00
16.02	EXCAVATE FOR BIOFILTERS	15,000.00	10500.00	0.00	0.00%	0.00	10500.00	70.00	4,500.00	525.00
16.03	PREP SUBRADE	4,500.00	3150.00	0.00	0.00%	0.00	3150.00	70.00	1,350.00	157.50
16.04	LAYOUT AND FORM FOR FLOOR	10,000.00	7000.00	0.00	0.00%	0.00	7000.00	70.00	3,000.00	350.00
16.05	POUR FLOOR	50,000.00	35000.00	0.00	0.00%	0.00	35000.00	70.00	15,000.00	1,750.00
16.06	STRIP FLOOR	6,000.00	4200.00	0.00	0.00%	0.00	4200.00	70.00	1,800.00	210.00
16.07	FORM WALLS	20,000.00	14000.00	0.00	0.00%	0.00	14000.00	70.00	6,000.00	700.00
16.08	POUR WALLS	75,000.00	52500.00	0.00	0.00%	0.00	52500.00	70.00	22,500.00	2,625.00
16.09	STRIP WALLS	14,800.00	10360.00	0.00	0.00%	0.00	10360.00	70.00	4,440.00	518.00
16.10	CONCRETE CURING	2,000.00	1400.00	0.00	0.00%	0.00	1400.00	70.00	600.00	70.00
16.11	PURCHASE AND INSTALL PIPING	65,000.00	52000.00	0.00	0.00%	0.00	52000.00	80.00	13,000.00	2,600.00
16.12	PURCHASE AND INSTALL PIPE SUPPORTS	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
16.13	INSTALL EQUIPMENT AND MEDIA	50,000.00	35000.00	0.00	0.00%	0.00	35000.00	70.00	15,000.00	1,750.00
16.14	INSTALL SS DUCTING	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
16.15	INSTALL WATERLINE AND SPRINKLERS	13,500.00	8100.00	0.00	0.00%	0.00	8100.00	60.00	5,400.00	405.00
16.16	INSTALL PUMP	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
17	EQUALIZATION BASIN PUMP STATION	336,200.00	322,890.00	6,360.00	1.89%	0.00	329,250.00	97.93	6,950.00	16,462.50
17.01	PLUG 16" LINE	2,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,000.00	0.00
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	9440.00	2,360.00	20.00%	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	0.00	4,000.00	100.00%	0.00	4000.00	100.00	0.00	200.00
17.09	PAINTING AND COATING	9,900.00	4950.00	0.00	0.00%	0.00	4950.00	50.00	4,950.00	247.50
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	1,734,900.00	9,600.00	0.50%	0.00	1,744,500.00	91.47	162,600.00	87,225.00
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	237500.00	0.00	0.00%	0.00	237500.00	95.00	12,500.00	11,875.00

18.04	POUR FLOOR	365,000.00	365000.00	0.00	0.00%	0.00	365000.00	100.00	0.00	18,250.00
18.05	STRIP FLOOR	95,900.00	95900.00	0.00	0.00%	0.00	95900.00	100.00	0.00	4,795.00
18.06	CURE FLOOR	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
18.07	ASSEMBLE/DISASSEMBLE WALL FORMS	125,000.00	125000.00	0.00	0.00%	0.00	125000.00	100.00	0.00	6,250.00
18.08	FORM STRAIGHT WALLS	150,000.00	150000.00	0.00	0.00%	0.00	150000.00	100.00	0.00	7,500.00
18.09	POUR STRAIGHT WALLS	238,000.00	238000.00	0.00	0.00%	0.00	238000.00	100.00	0.00	11,900.00
18.10	STRIP STRAIGHT WALLS	90,000.00	90000.00	0.00	0.00%	0.00	90000.00	100.00	0.00	4,500.00
18.11	CURE STRAIGHT WALLS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
18.12	PATCH STRAIGHT WALLS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
18.13	FORM THICKENED WALL	30,000.00	25200.00	0.00	0.00%	0.00	25200.00	84.00	4,800.00	1,260.00
18.14	POUR THICKENED WALL	75,000.00	63000.00	0.00	0.00%	0.00	63000.00	84.00	12,000.00	3,150.00
18.15	STRIP THICKENED WALL	25,000.00	21000.00	0.00	0.00%	0.00	21000.00	84.00	4,000.00	1,050.00
18.16	CURE THICKENED WALL	2,500.00	2100.00	0.00	0.00%	0.00	2100.00	84.00	400.00	105.00
18.17	PATCH THICKENED WALL	10,000.00	8400.00	0.00	0.00%	0.00	8400.00	84.00	1,600.00	420.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	7,800.00	0.00
18.22	SET RAILINGS	35,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,900.00	0.00
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	12800.00	9,600.00	30.00%	0.00	22400.00	70.00	9,600.00	1,120.00
18.28	INSTALL ABOVE GRADE PIPING @ BLOWERS	7,000.00	1400.00	0.00	0.00%	0.00	1400.00	20.00	5,600.00	70.00
18.29	INSTL ABOVE GRADE AIR PIPING @ SBR TANK	7,000.00	5600.00	0.00	0.00%	0.00	5600.00	80.00	1,400.00	280.00
18.30	INSTALL ABOVE GRADE OVERFLOW PIPING	40,000.00	24000.00	0.00	0.00%	0.00	24000.00	60.00	16,000.00	1,200.00
18.31	INSTALL PIPE SUPPORTS @ SBR TANKS	30,000.00	27000.00	0.00	0.00%	0.00	27000.00	90.00	3,000.00	1,350.00
18.32	PAINTING	60,000.00	12000.00	0.00	0.00%	0.00	12000.00	20.00	48,000.00	600.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	142,625.00	0.00	0.00%	0.00	142,625.00	86.86	21,575.00	7,131.25
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	5625.00	0.00	0.00%	0.00	5625.00	75.00	1,875.00	281.25
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	0.00	0.00	0.00%	0.00	0.00	0.00	8,500.00	0.00
19.11	INSTALL BLOWERS	14,000.00	2800.00	0.00	0.00%	0.00	2800.00	20.00	11,200.00	140.00
20	TERTIARY FILTERS	585,300.00	149,050.00	153,750.00	26.27%	0.00	302,800.00	51.73	282,500.00	15,140.00
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	2500.00	5,000.00	50.00%	0.00	7500.00	75.00	2,500.00	375.00
20.11	PAINTING AND COATING	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
20.12	MECHANICAL WORK @ TERTIARY FILTERS	425,000.00	21250.00	148,750.00	35.00%	0.00	170000.00	40.00	255,000.00	8,500.00
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	1,883,050.00	0.00	0.00%	0.00	1,883,050.00	94.95	100,250.00	94,152.50
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	9750.00	0.00	0.00%	0.00	9750.00	15.00	55,250.00	487.50

22.15	SET STAIRCASE	45,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	45,000.00	0.00
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	1,149,950.00	22,250.00	1.39%	0.00	1,172,200.00	73.31	426,700.00	58,610.00
23.01	LAYOUT EQUIPMENT	2,500.00	2250.00	250.00	10.00%	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	4750.00	0.00	0.00%	0.00	4750.00	95.00	250.00	237.50
23.15	PURCHASE AND INSTALL COVERS	125,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	125,000.00	0.00
23.16	PURCHASE AND INSTALL BLOWERS	220,000.00	176000.00	22,000.00	10.00%	0.00	198000.00	90.00	22,000.00	9,900.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
23.20	INSTALL DIGESTER PIPING @ PUMPS	30,000.00	6000.00	0.00	0.00%	0.00	6000.00	20.00	24,000.00	300.00
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	14950.00	0.00	0.00%	0.00	14950.00	50.00	14,950.00	747.50
23.24	INSTALL WATER PIPE	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
23.25	INSTALL/REPL PIPING @ EXISTING DIGESTERS	12,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	3,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00

23.32	SET RAILINGS	20,000.00	3000.00	0.00	0.00%	0.00	3000.00	15.00	17,000.00	150.00
23.33	TESTING AND STARTUP	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
23.34	PURCHASE AND INSTALL CANOPY	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
23.35	PAINTING AND COATING	290,000.00	174000.00	0.00	0.00%	0.00	174000.00	60.00	116,000.00	8,700.00
24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	4,725.00	0.00	0.00%	0.00	4,725.00	25.00	14,175.00	236.25
24.01	ELECTRICAL MODIFICATIONS - INFLUENT PS	18,900.00	4725.00	0.00	0.00%	0.00	4725.00	25.00	14,175.00	236.25
25	HEADWORKS ELECTRICAL	9,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,900.00	0.00
25.01	ELECTRICAL MODIFICATIONS - HEADWORKS	9,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,900.00	0.00
26	PRIMARY SEDIMENTATION ELECTRICAL	308,000.00	93,750.00	0.00	0.00%	0.00	93,750.00	30.44	214,250.00	4,687.50
26.01	F&I COND. & PLBOX PRIMARY SED. TANK	120,000.00	42000.00	0.00	0.00%	0.00	42000.00	35.00	78,000.00	2,100.00
26.02	F&I CONDUIT PRIMARY SED. GALLERY	135,000.00	33750.00	0.00	0.00%	0.00	33750.00	25.00	101,250.00	1,687.50
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	0.00	0.00	0.00%	0.00	0.00	0.00	5,500.00	0.00
26.05	FURNISH ELECTRICAL SWGR - SED. TANK	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
26.06	INSTL ELECT. SWGR - SED. TANK/GALLERY	1,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	1,500.00	0.00
26.07	WIRING & TERMINATIONS - SED. TANK	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
26.08	WIRING & TERMINATIONS - SED. GALLERY	12,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
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	155,125.00	0.00	0.00%	0.00	155,125.00	66.15	79,375.00	7,756.25
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	1125.00	0.00	0.00%	0.00	1125.00	25.00	3,375.00	56.25
28.03	INSTALL ELECTRICAL SWGR - SBR	68,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	68,000.00	0.00
28.04	WIRING & TERMINATIONS - SBR	8,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	8,000.00	0.00
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	27,100.00	0.00	0.00%	0.00	27,100.00	50.00	27,100.00	1,355.00
30.01	CONDUIT & WIRE - AEROBIC DIGESTER	54,200.00	27100.00	0.00	0.00%	0.00	27100.00	50.00	27,100.00	1,355.00
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	368,500.00	0.00	0.00%	0.00	368,500.00	40.97	531,000.00	18,425.00
31.01	CONTROL SYSTEM ENGINEERING & DRAWINGS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
31.02	FURNISH FIELD INSTRUMENTS	120,000.00	120000.00	0.00	0.00%	0.00	120000.00	100.00	0.00	6,000.00
31.03	FURNISH MCC-1, MCC-2, VFD AND BUCKETS	160,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	160,000.00	0.00
31.04	FURNISH & INSTALL PRECAST PULL BOXES	114,500.00	57250.00	0.00	0.00%	0.00	57250.00	50.00	57,250.00	2,862.50
31.05	ELECTRICAL DUCTBANK TERTIARY FILTER	50,000.00	40000.00	0.00	0.00%	0.00	40000.00	80.00	10,000.00	2,000.00
31.06	ELECTRICAL DUCTBANK AEROBIC DIGESTOR	60,000.00	48000.00	0.00	0.00%	0.00	48000.00	80.00	12,000.00	2,400.00
31.07	ELECTRICAL DUCTBANK CHEMICAL HANDLING	30,000.00	25500.00	0.00	0.00%	0.00	25500.00	85.00	4,500.00	1,275.00
31.08	ELECTRICAL DUCTBANK PRIMARY SED	55,000.00	2750.00	0.00	0.00%	0.00	2750.00	5.00	52,250.00	137.50
31.09	ELECTRICAL DUCTBANK SBR'S	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
31.10	INSTALL WIRE DUCTBANKS TERTIARY FILTER	40,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	40,000.00	0.00
31.11	INSTALL WIRE DUCTBANKS AEROBIC DIGESTOR	40,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	40,000.00	0.00
31.12	INSTALL WIRE DUCTBANKS CHEMICAL HANDLING	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
31.13	INSTALL WIRE DUCTBANK PRIMARY SED	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
31.14	INSTALL WIRE DUCTBANK SBR'S	45,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	45,000.00	0.00
31.15	TESTING AND STARTUP ASSISTANCE	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
31.16	AS-BUILT, O&M, AND CLOSEOUT	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	1,750.00	0.00	0.00%	0.00	1,750.00	4.42	37,850.00	87.50
32.01	STARTUP AND TESTING	35,000.00	1750.00	0.00	0.00%	0.00	1750.00	5.00	33,250.00	87.50
32.02	FINAL CLEANUP AND PUNCH LIST	4,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,600.00	0.00
C1	CHANGE ORDER #01	28,980.07	0.00	0.00	0.00%	0.00	0.00	0.00	28,980.07	0.00
C1.01	ALUMINUM COVER DESIGN CHANGE	28,980.07	0.00	0.00	0.00%	0.00	0.00	0.00	28,980.07	0.00
TOTAL:		16,473,480.07	9,534,865.00	324,245.00	1.97%	0.00	9859110.00	59.85	6,614,370.07	492,955.50

PAYMENT APPLICATION DETAILS

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

Application Number: 12
For Period Ending: 10/31/2020

A	B	C	D	E		F	G		H	I
Item Number - Description		Scheduled Value	Work Completed			Materials Presently Stored	Completed and Stored To Date	Total %	Balance To Finish	Retainage Value
			From Previous Application	This Period Value	Total Percent this Period					
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	746,500.00	3,000.00	0.37%	0.00	749,500.00	91.40	70,500.00	37,475.00
02	SHEETING, SHORING, AND BRACING	6,100.00	4,575.00	305.00	5.00%	0.00	4,880.00	80.00	1,220.00	244.00
03	EROSION CONTROL	55,700.00	43,205.00	1,785.00	3.20%	0.00	44,990.00	80.77	10,710.00	2,249.50
04	SURVEY	24,200.00	19,360.00	0.00	0.00%	0.00	19,360.00	80.00	4,840.00	968.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	27,235.00	2,095.00	5.00%	0.00	29,330.00	70.00	12,570.00	1,466.50
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	212,525.00	0.00	0.00%	0.00	212,525.00	91.96	18,575.00	10,626.25
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	17,700.00	0.00	0.00%	0.00	17,700.00	12.41	124,900.00	885.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	917,900.00	59,250.00	4.08%	0.00	977,150.00	67.21	476,750.00	48,857.50
09	GRADING	454,900.00	277,590.00	15,850.00	3.48%	0.00	293,440.00	64.51	161,460.00	14,672.00
10	ASPHALT FINE GRADING, ETC.	219,100.00	0.00	0.00	0.00%	0.00	0.00	0.00	219,100.00	0.00
11	CONSTRUCTION SEQUENCING	48,700.00	28,700.00	0.00	0.00%	0.00	28,700.00	58.93	20,000.00	1,435.00
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	260,300.00	50,000.00	14.74%	0.00	310,300.00	91.45	29,000.00	15,515.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	195,050.00	0.00	0.00%	0.00	195,050.00	73.94	68,750.00	9,752.50
15	PRIMARY SEDIMENTATION TANK	3,190,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,190,200.00	0.00
16	SED TANK & DIGESTERS BIOFILTER SYSTEMS	695,800.00	433,210.00	0.00	0.00%	0.00	433,210.00	62.26	262,590.00	21,660.50
17	EQUALIZATION BASIN PUMP STATION	336,200.00	322,890.00	6,360.00	1.89%	0.00	329,250.00	97.93	6,950.00	16,462.50
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	1,734,900.00	9,600.00	0.50%	0.00	1,744,500.00	91.47	162,600.00	87,225.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	142,625.00	0.00	0.00%	0.00	142,625.00	86.86	21,575.00	7,131.25
20	TERTIARY FILTERS	585,300.00	149,050.00	153,750.00	26.27%	0.00	302,800.00	51.73	282,500.00	15,140.00
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	1,883,050.00	0.00	0.00%	0.00	1,883,050.00	94.95	100,250.00	94,152.50
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	1,149,950.00	22,250.00	1.39%	0.00	1,172,200.00	73.31	426,700.00	58,610.00

24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	4,725.00	0.00	0.00%	0.00	4,725.00	25.00	14,175.00	236.25
25	HEADWORKS ELECTRICAL	9,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,900.00	0.00
26	PRIMARY SEDIMENTATION ELECTRICAL	308,000.00	93,750.00	0.00	0.00%	0.00	93,750.00	30.44	214,250.00	4,687.50
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	155,125.00	0.00	0.00%	0.00	155,125.00	66.15	79,375.00	7,756.25
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	27,100.00	0.00	0.00%	0.00	27,100.00	50.00	27,100.00	1,355.00
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	368,500.00	0.00	0.00%	0.00	368,500.00	40.97	531,000.00	18,425.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	1,750.00	0.00	0.00%	0.00	1,750.00	4.42	37,850.00	87.50
C1	CHANGE ORDER #01	28,980.07	0.00	0.00	0.00%	0.00	0.00	0.00	28,980.07	0.00
TOTAL:		16,473,480.07	9,534,865.00	324,245.00	1.97%	0.00	9859110.00	59.85	6,614,370.07	492,955.50

MEMORANDUM

DATE: November 24, 2020
TO: Board of Directors
Temescal Valley Water District
FROM: General Manager
SUBJECT: Purchasing Policy

BACKGROUND

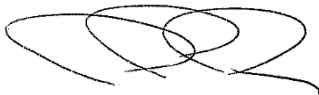
Staff has been developing a comprehensive purchasing policy to be reviewed and adopted by the Board by Resolution. This document establishes the policies and procedures for acquiring services, materials, equipment and supplies and will a working document to administer the purchasing and contracting of goods and services for the District. The document has been reviewed by the Finance Committee, Engineering Committee and District Counsel.

RECOMMENDATION

It is recommended that the Board of Directors:

1. Adopt Resolution No. R-20-12 adopting the attached "Temescal Valley Water District Purchasing Policy"

Respectfully submitted,



Jeff Pape
General Manager

RESOLUTION NO. R – 20 – 12

**RESOLUTION OF THE BOARD OF DIRECTORS
OF TEMESCAL VALLEY WATER DISTRICT
RIVERSIDE COUNTY, CALIFORNIA
FOR ADOPTION OF A PURCHASING POLICY**

WHEREAS, California Government Code Section 54202: requires every local agency to adopt policies and procedures, including bidding regulations, governing purchases of supplies, materials and equipment and that said purchases shall be in accordance with said duly adopted policies and procedures; and

WHEREAS, California Government Code Section 54204: requires that if the local agency is other than a city or county, policies provided for in Section 54202 shall be adopted by means of a written rule or regulation, copies of which shall be available for public distribution; and,

WHEREAS, the General Manager has prepared and submitted to this Board, a policy for adoption,

NOW THEREFORE, BE IT RESOLVED, DETERMINED AND ORDERED, that the Temescal Valley Water District Purchasing Policy is hereby approved and adopted.

ADOPTED, SIGNED and APPROVED this 24th day of November 2020.

ATTEST:

APPROVED:

By: _____
Secretary, Board of Directors
Temescal Valley Water District

By: _____
President, Board of Directors
Temescal Valley Water District

Date: _____

Date: _____

I, Paul Rodriguez, hereby certify that I am the duly appointed and presently acting secretary of Temescal Valley Water District, a California Water District: that the foregoing is a full and correct copy of Resolution No. R-20-12 of said District; that said Resolution was duly adopted on November 24, 2020 at a regular meeting of the Board of Directors of said District by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

IN WITNESS WHEREOF, I have hereunto set my hand this 24th day of November 2020.

Paul Rodriguez, Secretary
Temescal Valley Water District

(SEAL)



Established in 1965

TEMESCAL VALLEY WATER DISTRICT
PURCHASING POLICY

Approved 11/24/2020

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Temescal Valley Water District **Purchasing Policy (DRAFT-3)**

1. PURPOSE OF POLICY

1.1 The Temescal Valley Water District Purchasing Policy (this "Policy") establishes policies and procedures for acquiring services, materials, equipment and supplies (referred to collectively as "materials") for public works projects for the Temescal Valley Water District (the "District"), pursuant to Government Code Section 54201 *et seq.*

California Government Code Section 54202: requires every local agency to adopt policies and procedures, including bidding regulations, governing purchases of supplies, materials and equipment and that said purchases shall be in accordance with said duly adopted policies and procedures.

California Government Code Section 54204: requires that if the local agency is other than a city or county, policies provided for in *Section 54202* shall be adopted by means of a written rule or regulation, copies of which shall be available for public distribution.

1.2 This Policy establishes the Board of Directors' (the "Board") approved policies with respect to the procurement of services and materials for public works projects, including expenditure authorization and limits, competitive proposal and bidding requirements, and general procurement procedures. All purchases of services or materials and public works projects to be paid for by the District must adhere to the authority level and dollar limits of this Policy as set forth in Section 2, except as otherwise provided by specific terms and exceptions set forth in this Policy.

2. AUTHORIZATION

2.1 By adoption of this Policy, the Board is authorizing the General Manager, or his/her designated representatives to exercise certain duties and responsibilities that are essential for the day-to-day operation of the District.

2.2 The General Manager may delegate the procurement of services and materials and the provision of public works projects to those staff members given specific authority consistent with the terms of this Policy.

2.3 Delegation of purchasing authority may be through the authorized use of purchasing cards, purchase orders, check requests, or other written authorization. All such purchases will be made in conformity with the policies and procedures prescribed within this Policy.

2.4 The Board-established procurement limits and contract signatory authority are listed in Table 1 below. These limits are applicable on a per-expenditure/per contract basis/per Approved Budget item not on an aggregated basis for unrelated activities.

TABLE 1

Procurement Limits and Contract Signature Authority		
Title	Expenditures	Contract Signature Authority
<i>General Manager</i>	up to \$75,000 without Board authorization	Up to \$75,000 without Board authorization \$75,001 and over with Board authorization
<i>Finance Manager</i>	up to \$5,000 without General Manager Pre-authorization	Up to \$10,000 with General Manager authorization
<i>Office Manager</i>	up to \$5,000 without General Manager Pre-authorization	None
<i>Operations Superintendent</i>	up to \$5,000 without General Manager Pre-authorization	None
<i>Operations Staff</i>	up to \$1,000 without General Manager Pre-authorization	None
<i>Administration Staff</i>	None	None

3. DEFINITIONS

The terms referenced in this Policy shall have the meanings as defined below.

Administrative Personnel - District administrative employees include Customer Service and any other administrative position as authorized by the General Manager.

Amendment - A written change or addition to a legal document which when properly executed has the same legal validity of the original document.

Board - The Board of Directors of Temescal Valley Water District.

Change Order - A written Amendment modifying the terms of an existing Contract or Purchase Order.

Consultant - An individual, firm or entity that provides or offers to provide Professional Services to the District.

Contingency - A predetermined amount or percentage of a Contract held for changes in a Public Works project.

Contract - Written agreement authorizing a contractor, Consultant, supplier, or service provider to provide materials or services, or Public Works, in accordance with the material requirements, conditions or scope of work stated in the Contract.

Cooperative Purchasing - Participation with other agencies in cooperative purchasing arrangements and programs, including Sourcewell to leverage the benefits of volume purchases, delivery and supply chain advantages, best practices, and the reduction of administrative time and expenses.

District - Temescal Valley Water District.

Emergency - A situation in which unforeseen circumstances present an immediate risk of harm or hazard to the public health, safety, and welfare, or to the District property, or threaten serious interruption of District operations.

General Manager - General Manager of the District or the person appointed by the Board to act in the capacity of the General Manager and authorized to administer this Policy on his/her behalf.

Invitation for Bids - A formal process for soliciting sealed bids from qualified perspective suppliers or Public Works contractors. Typically involves a formal bid opening, and the awarding of a Contract to a responsive and responsible supplier or contractor based on price and other specified factors, and as otherwise required by law.

Maintenance Work or Contract - A Purchase or Contract of services or materials for the routine maintenance, repair, or replacement of existing facilities.

Multiple Year Contract - A Contract for the purchase of services or materials, or for Public Works for a multiple year term or that may contain provisions to extend performance by exercising optional renewal periods. A Multiple Year Contract does not obligate the District beyond the initial award period and shall not provide for a cancellation payment to the contractor if options are not exercised.

Non-Discretionary Purchases - Payments to utilities, license renewals for software and cloud-based services that support critical business services, temporary employment services, insurance providers, healthcare providers and national, state or local agencies that relate to routine obligations and expenses essential to the District's ability to provide service to customers and that have been approved in fiscal year operating or capital budgets.

Non-Professional Services - Services other than Professional Services, including supply and maintenance services.

Procurement - The purchase or lease of materials, supplies, equipment or services, or Public Works.

Professional Services - Any type of special service or advice in financial, economic, accounting, engineering, legal or administrative matters by persons specially trained and experienced and competent to perform the special services required. (Gov't Code § 53060.) Such services include but are not limited to architectural; engineering; environmental; financial; land surveying; construction management; audits; training services; legal services; preparation of planning or studies; technology application development; and personnel, job classification and benefit studies.

Public Works - As defined by California Public Code Section 22002, public projects include construction, reconstruction, alteration, renovation, improvement, demolition, and repair work

involving any publicly owned, leased or operated facility. Maintenance work is not considered a public project for purposes of this definition.

Purchasing Card - A form of charge card that allows materials and services to be purchased without using a Purchase Order. The District participates in the Cal Card, Home Depot, Staples and Sam's Club credit card programs.

Purchasing Personnel - The District employees assigned the duties of identifying vendors, obtaining competitive bids, issuing, and processing Purchase Order Requisitions, maintaining office inventory, and assisting the General Manager in the application of Policy procedures within the District.

Purchase Order (PO) - An authorization, under a standardized form in which the party designated as the "provider" is to provide materials and/or services for which the District agrees to pay.

Quote - A written scope and price for goods or services to be purchased or provided to the District.

Request for Proposal (RFP) - A solicitation used for the procurement of Professional Services and Non- Professional Services. Prospective suppliers or Consultants submit requested information and are evaluated/awarded based on pre-established criteria.

Request for Qualifications (RFQ) - A solicitation used for evaluating the qualifications of Professional Service firms.

Requisition (REQ) - The procedural method by which departments may request a PO for the purchase of materials, supplies or equipment.

Single Source Purchase - Procurement where: (1) there is a compelling reason for only one source, a preferred brand, like material, etc., to be procured; or (2) the commodity is unique, including, but not limited to, acquisition of data processing, telecommunications and SCADA equipment, goods and services; or (3) the purchase of a specific brand name, make or model is necessary to match existing District equipment or facilitate effective maintenance and support; or (4) when it is in the best interest of the District to extend or renew a Contract from a previous contract period, based on satisfactory service, reasonable prices, avoidance of start-up costs, avoidance of interruptions to District business, or good business practices.

Sole Source Purchase - Procurement where only one viable source exists. This is usually due to legal restrictions of patent rights, a proprietary treatment or equipment process, warranty issues, original equipment replacement, copyrights, etc.

Uniquely Qualified Services – Services such as Lab work, Computer Programming, SCADA Development or Maintenance, Engineering, Construction Management and General Management where the District is requiring special or unique qualifications for services.

4. GENERAL PROCUREMENT POLICIES

4.1 Procurement practices shall comply with laws, regulations and guidelines of the State and any other applicable law and the provisions of grant or funding contracts, if applicable.

4.2 Any employee/individual effecting any procurement action outside of the policies and procedures established by this Policy and without General Manager or Board authorization to do so shall be subject to disciplinary action and/or termination in accordance with District policies.

4.3 Expenditures and Contract awards must be authorized by the appropriate authorization level indicated in Table 1.

4.3.1 Separating or dividing Contracts into smaller components for the purpose of bringing the cost of one or more Contracts below any specified sum to avoid a requirement in any section of this Policy or any policy incorporated herein is strictly prohibited. Contracts may be divided only to meet unique scheduling of a project or to accommodate necessary time frames. In addition no specifications shall be drafted in such a manner as to limit competitive bidding or solicitation directly or indirectly to any one specific vendor, or any specific brand, product, thing, or service, except for those items that are approved as exempt from competitive bidding or solicitation requirements as provided in Section 7.1.3.

4.4 Purchase amounts include taxes and the cost of shipping, freight fees and any other charges billed by the supplier or contractor for purposes of the authorization limits under this Policy.

4.5 Purchase authorization and expenditure limits in Table 1, and competitive solicitation requirements in Table 2 and as further set forth in this Policy are on a per purchase/per contract basis and shall not be applied as an aggregate limit to any vendor, supplier, Contractor or Consultant.

4.6 The District may use electronic commerce whenever practicable or cost-effective. The District may accept electronic signatures and records in connection with District procurement as permitted by applicable law.

5. PROCUREMENT METHODS

The following methods are available to initiate a purchase request or to pay for materials, services, or Public Works:

5.1 Requisition/Purchase Order: Staff that require materials or services to carry out the defined duties of their positions shall submit Requisitions in advance for purchases in accordance with this Policy and other applicable procedures and policies of the District.

5.2 Check Request: A check request can be used to initiate payment for certain limited materials or services without a PO. Check requests can be used to request payment for Non-Discretionary Purchases, services rendered, subscriptions, membership dues, workshop/seminar/conference registrations, use of facilities, etc.

5.3 Cal Card and Other Purchasing Cards: Designated staff may be assigned a Cal Card for miscellaneous purchases that fall within the authorization limits in Table 1. Use of all Purchasing Cards are subject to the terms of this Policy and to any usage terms provided at the time of card issuance to the designated staff and any subsequent amendments to such terms and other applicable District policies. Use of the Cal Card is not to be used in lieu of situations where a Purchase Order

or other Procurement methods would be appropriate.

5.4 Blanket Purchase Order: A Blanket Purchase Order is used for payment to the same supplier/contractor/Consultant multiple times or for ongoing monthly purchases/expenses. A Blanket Purchase Order is issued to cover all amounts anticipated to be paid to the supplier/contractor/Consultant for the fiscal year or through a contract term and typically expires at the end of the fiscal year or at the expiration or termination of a Contract.

5.5 Contracts: Provisions shall be made, either through specifications or procedures established by the District for verification of the references and financial responsibility of the contracting parties prior to the award of a Contract. After award, all Contracts shall be executed on behalf of the District by the appropriate authorized signatory indicated in Table 1. In no case shall any Contract be made if sufficient funds are not budgeted and appropriated and not available to make payment promptly upon delivery or completion, or in accordance with a progress payment schedule unless otherwise authorized and approved by the Board or approved by the General Manager as provided for in Section 6.2 (Emergency).

5.5.1 Contracts for Non-Professional Services, Professional Services and Public Works shall be executed when an expenditure exceeds \$10,000.

5.5.2 Multiple Year Contracts are allowed when in the best interests of the District as determined and executed by the General Manager.

a. For purposes of procurement authorization, the dollar value of a Multiple Year Contract shall be the total contract value, including optional renewal periods. Once initially approved in accordance with the Policy requirements, any optional renewals may then be authorized by the General Manager at the time of renewal regardless of the dollar amount provided the pre-priced option is consistent with the terms of the contract as initially approved.

6. EXCEPTIONS TO PRE-AUTHORIZATION

6.1 Non-Discretionary Purchases shall be reviewed by the Board and approval for payment at the monthly Board Meetings, including those that exceed the General Manager limit of \$75,000. Initial engagement in all software license agreements and cloud-based service agreements are subject to the purchasing limitations as set forth in Table 1. Purchase Orders are not required for Non-Discretionary Purchases.

6.2 Emergency Work/Services: The General Manager, Finance Manager or the assigned Operations Staff may authorize Emergency expenditures for work, services and/or supplies where the cost exceeds \$75,000 without prior Board approval. The Board shall be notified of any expenditures for Emergency work, services and/or supplies exceeding the General Manager's authorization limit at the next regularly scheduled Board meeting.

6.3 General Inventory: Purchase requests to replenish the District's General Inventory require authorization and signatory approval under Table 1.

7. COMPETITIVE SELECTION PROCESS

7.1 General. A competitive selection process for procurement of services and materials, and for Public Works projects, is required in accordance with the limits as set forth in Table 2 below (subject to certain exceptions, qualifications or limitations as further set forth below).

TABLE 2

Competitive Solicitation Process - Requirements	
Purchase Amount	Solicitation Requirement
\$75,000 and under	<i>One Quote/Bid/Proposal</i>
\$75,001-\$100,000	<i>Three Quotes/Bids/ Proposals</i>
\$100,001 and over	<i>RFP or Invitation to Bid Process Required</i>

7.1.2 Competitive Solicitation - Submissions.

- i) All quotes, bids and proposals must be of similar scope and in writing. Email is acceptable for expenditures under \$75,000.
- ii) RFP and Invitation to Bid submissions must be in writing and be in substantial compliance with terms in the solicitation or as otherwise required by law or may be disqualified.
- iii) Quotes, bids and proposal documentation shall be retained pursuant to the District's record retention policy.

7.1.3 Exceptions from Competitive Solicitation Process - Generally. Solicitation of bids or proposals is preferable whenever practicable. In addition to the exceptions stated under Section 7.3.2 the competitive solicitation requirements set forth under Table 2 may be waived when any of the following is applicable:

- Sole Source Purchases.
- Single Source Purchases.
- Emergency expenditures.
- Similar supplies, materials or equipment currently in use at District facilities.
- Supplies, materials or equipment procured through a Cooperative Purchasing program with federal, state, county, or other public agencies.
- After a reasonable attempt has been made to obtain competitive quotes/ responses and it has been determined that no additional suppliers/providers/contractors/Consultants can be located and or the District has a lack of response from suppliers/providers/contractors/Consultants to a competitive solicitation; or, when sufficient satisfactory bids/proposals are not received. Excepted expenditure shall be based on the Board's sole discretion.
- Purchases to replenish the District's warehouse inventory within established

- inventory re-order levels.
- As dictated by law.

7.1.4 It shall be at the discretion of the General Manager to determine whether an expenditure meets the qualifications listed herein to be exempt from a competitive solicitation subject to any Board authorization.

7.2 Public Works. Contracts for Public Works projects shall conform to applicable requirements for Public Works contracts under State law including but not limited to requirements relating to listing of subcontractors, posting of a payment bond in an amount not less than 100% of the total contract amount (for all Public Works contracts over \$100,000) and payment of prevailing wages required by statute unless specifically waived by the District with the approval of the General Manager and District's legal counsel. The District shall require performance bonds for all Public Works Contracts in an amount not less than 100% of the total contract amount. Public Works Contracts let by an Invitation to Bid shall be awarded to the lowest responsive, responsible bidder in accordance with State law and the District's standard Public Works contract documents.

7.3 Professional Services (over \$100,000). RFPs will be initiated pursuant to the limits set forth in Table 2 when the Contract is anticipated to exceed \$100,000 unless the District's needs mandate "uniquely qualified services", in which case only one proposal from a qualified firm may be solicited. Professional Services shall be engaged on the basis of demonstrated competence and qualifications for the types of services to be performed and at fair and reasonable prices to the District.

7.3.1 Professional Engineering Services. The District may request proposals for engineering services when the contract amount is anticipated to exceed \$50,000, and up to \$100,000. For engineering services anticipated to exceed \$100,000, RFPs will be initiated pursuant to the limits set forth in Table 2.

7.3.2 Exceptions from Competitive Solicitation Process - Professional Services. In addition to the exception for "uniquely qualified services" set forth under Section 7.3 the following criteria shall apply as exceptions to the competitive solicitation requirements set forth under Table 2 for Professional Services where such requirements would otherwise apply:

- For Professional Services estimated to cost \$50,000 or less staff may request a proposal from one (1) qualified Consultant selecting from the list of qualified Consultants on file with the District.
- For Public Works projects where the project design is scheduled in phases, the related Professional Services may be negotiated with the Consultant that performed the work for a prior phase, if the Consultant performed satisfactory work on the prior phase(s) in terms of quality, schedule and estimated design costs and a satisfactory Contract can be negotiated.
- For Professional Services in which it is impracticable to comply with the selection process because of the unique, exploratory, or experimental nature of the project, or for a continuing service such as GIS hosting, Water and Waste water testing, plan check services, quality control or general engineering service, staff may request a proposal from one (1) qualified Consultant selecting from a list of qualified Consultants on file with the District.

7.4 Rejecting Competitive Responses - In response to an Invitation to Bid, RFQ or RFP the District may reject a bid or other response which is in any way incomplete, irregular, amplified, unqualified, conditional or otherwise not in compliance with the solicitation documents in all material respects and in accordance with law. The District may waive any informality, irregularity, immaterial defects or technicalities in any bids or other responses received; and/or cancel an invitation for bids or RFP/RFQ or reject all bids or responses for any other reason which indicates the cancellation or rejection of all bids or responses is in the best interest of the District and in accordance with law. Rejection of all bids or responses or cancellation of competitive solicitations including determinations to re-bid or re-solicit are subject to the same level of authority which is required to award a Contract as provided under Table 1 as required by law.

7.4.1 In the case of RFPs and RFQs the General Manager and the Board reserve the right to award Contracts based upon the best interests of the District as determined by the District in its sole discretion.

8. CHANGE ORDERS

8.1 Change Orders may be issued from time to time as required by changes in the specifications or conditions of a project, services performed or materials issued.

8.1.1 Change Orders - PO Only. Change Orders up to 10% of the original PO amount may be issued by the District without further approvals. A revised Purchase Order Requisition must be completed and approved at the appropriate authorization levels under Table 1 for any Change Order request exceeding the original amount by more than 10%.

8.1.2 Change Orders - Formal Contracts.

(1) For Contracts and Agreements:

- a. Change Orders up to 100% of the Board Approved amount plus Contingency can be approved by the appropriate authorization levels as outlined in Table 1, without Board approval.
- b. Board approval is required for Change Order requests exceeding the authorization levels as outlined in Table 1.
- c. A Change Order exceeding the Change Order limits set forth in this article may be authorized by the General Manager prior to Board approval if in the General Manager's determination any of the following circumstances exist:
 1. A delay in Change Order authorization could result in a negative financial impact to the District.
 2. A delay in Change Order authorization could result in damage to or impairment of the operations of a District facility.
 3. An Emergency exists which requires immediate work/services.

4. A Change Order or Change Order Contingency amount was pre-authorized by the Board, Finance Committee or Engineering Committee.

The Board shall be notified of any Change Order authorization exceeding the General Manager's authorization limit as soon as possible and no later than the next regularly scheduled Board meeting.

9. ETHICAL PROCUREMENT- CONFLICT OF INTEREST

9.1 Board members, District officers and employees shall not be financially interested in any contract made by them in their official capacity. (Government Code Section 1090). Board Members and employees shall not participate in any way to influence a District decision in which he/she knows or has reason to know that he/she has a financial interest. (Government Code Section 87100)

9.2 Any District employee (other than Administrative Personnel not under Designated Positions in the District's Conflict of Interest Code) authorized under this Policy to make or enter into purchases on behalf of the District will complete a Statement of Economic Interests (Form 700) and comply with the District's Conflict of Interest Code.

9.3 Confidential or proprietary information must be handled with due care and proper consideration of ethical and legal ramifications and governmental regulations.

9.4 Purchasing activities must be performed in accordance with all applicable laws and District policies.

9.5 Any employee/individual who violates the standards set forth in this Section shall be subject to disciplinary action consistent with District personnel policies.

10. CALIFORNIA WATER DISTRICT STATUS

Notwithstanding anything to the contrary in this Policy, the District is a California Water District and therefore is not mandated by State law to competitively bid any purchases including those for Public Works projects and/or capital expenditures. The District is free to enter into non-bid contracts for Public Works, to purchase materials, services and supplies to contract for design-build work, to utilize job-order contracting and to enter into Cooperative Purchasing arrangements for the design, construction and maintenance of Public Works, or undertake any other form of contracting determined to be in the District's best interest except as otherwise expressly restricted by this Policy or applicable law.

11. POLICY REVISIONS

This document will be maintained and revised by the General Manager with his/her designated representatives in consultation with the District's legal counsel subject to approval by the Board. Revisions will occur whenever applicable Federal, State, or local regulations change or otherwise as the need arises and in the discretion of the Board.

12. POLICY APPROVAL AND ADOPTION

This Policy has been reviewed by the Temescal Valley Water District Board of Directors and adopted by Resolution No. R-20-12 on November 24, 2020.

November 20, 2020

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – October 2020

Dear Board Members:

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

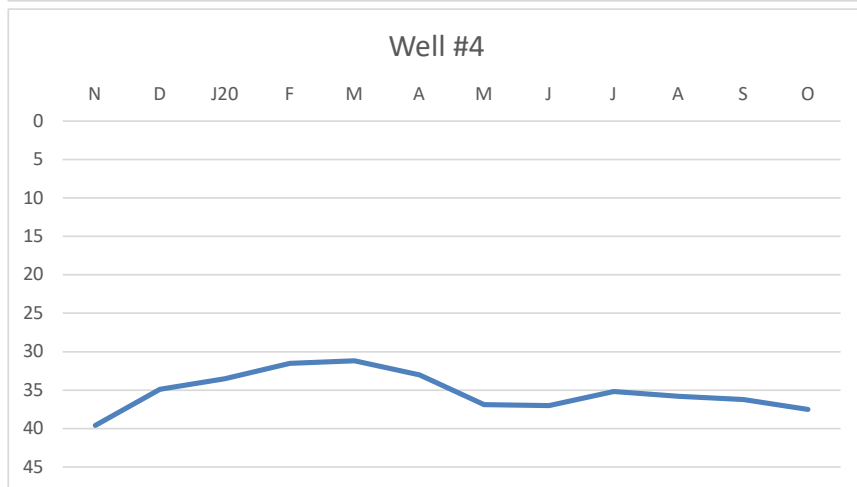
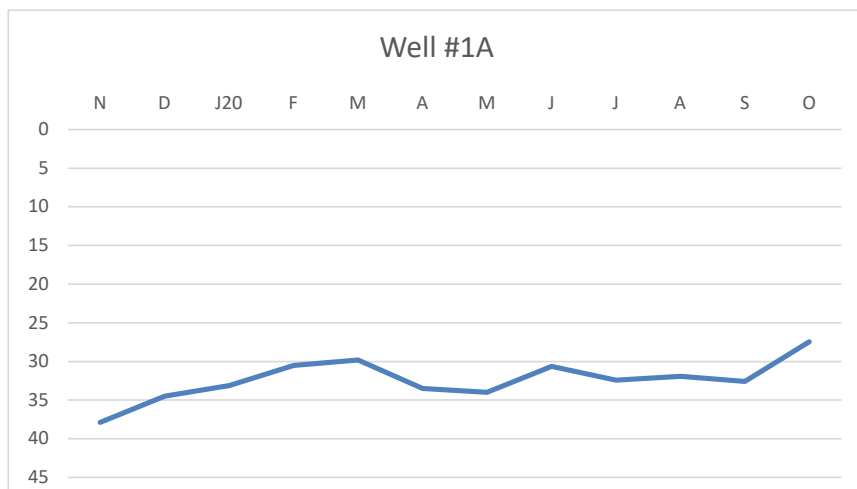
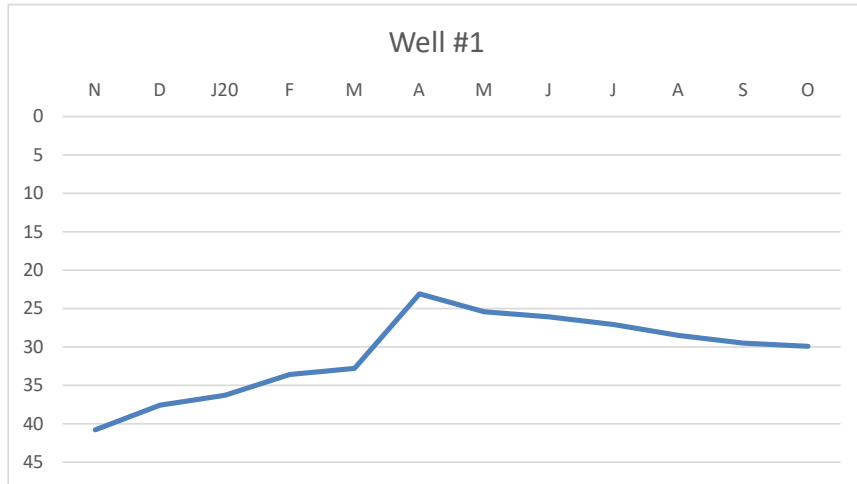
- Managed 324.25 acre-feet of water through system.
- Collected monthly potable water samples as required by the State Water Resources Control Board, Division of Drinking Water. Collected monthly & weekly wastewater samples as required by Regional Water Quality Control Board. Collected quarterly DBP samples and submitted results.
- Submitted monthly SMR for 2020 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.
- Read 6050 water meters.
- 0 shut offs.
- Responded 140 service calls.
- Installed 10 meters for the various developers
- Responded to 103 USA Dig Alerts to mark District underground utilities.

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

- Operations Staff continues to work with the plant expansion construction crews to facilitate system shutdowns and upgrades as needed.
- 9 loads of biosolids were hauled off this period.
- TVWD Staff continues to work at a high level to maintain all facilities in an excellent manner during these current Covid-19 times.

Sincerely,

Paul Bishop, Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: November 18, 2020
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of November 2020

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

PLAN CHECKING & DEVELOPER RELATED PROJECTS

Tract 33688 Water, Sewer and Recycled Plan Check (10555, Phase 6) – second plan check completed, comments returned to the Engineer for incorporation.

Tract 37554 and 37556 Terramor Planning Area 12 and 13 (10555, Phase 14) – Completed initial plan check for the upper planning area, waiting to receive revised submittal for second plan check.

AS-NEEDED ENGINEERING SERVICES

Status

General Engineering Initiated During FY 2018/19

Project 1401.1808: General GIS Support: As-required updating of the GIS database and re-formatting as-built catalog. General support provided for updating GIS information discovered during master plan updates. Completed updates for all new developments within the District and currently linking as-built drawings to online GIS database.

Currently 95% Complete

Project 1401.2001: As-Needed Potable Water Engineering for FY 2020/21: Development of the district engineering report and attendance of the District's board meeting.

Project 1401.2002: Non-Potable Water Related Services for FY 2020/21: Completed final review and submittal of the non-potable water master plan.

Project 1401.2003: Wastewater Related Services for FY 2020/21: Completed development of specifications and details for rehabilitation of multiple manhole lids and pavement which require repair along Temescal Canyon Road from the entrance of the mine to Dawson Canyon Road. This project will be placed out to bid in the coming month.

Project 1401.2004: Wastewater Studies for FY 2020/21: No activity this month.

Project 1401.2005: Potable Water 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 Completed

Project 1401.1906: Knabe Road Potable Waterline: This project was awarded to Empire Equipment at the July board meeting. The contractor has completed installation and pressure testing of the entire pipeline alignment. Final connections to the existing system are scheduled to be completed this week, and final paving is scheduled to be completed in the next two weeks.

Project 1401.1907: Trilogy Reservoir Rehabilitation: Construction was completed on 9/21/20.

Completed

Project 1401.2006: Potable Water Looping Phase 2 Design: Surveying has been completed and available utility information has been added to the first draft of drawings. Design is expected to be completed in the quarter of 2021.

30% Complete

Project 1401.2007: Reservoir Management Systems Design: The cathodic protection design consultant has completed the design of the new anode system. This project will be placed out to public bid in the coming month.

90% Complete

MEMORANDUM

DATE: November 19, 2020
TO: Board of Directors
Temescal Valley Water District
FROM: District Engineer
SUBJECT: Knabe Road Potable Waterline Project Progress Payment

BACKGROUND

The District approved the bid with Empire Equipment Services in the amount of \$229,274.00.

Project Summary

Contract -	\$229,274.00
Change Orders Approved to Date	<u>\$49,479.04</u>
Current Contract Amount	\$278,753.04
Earned this Period -	\$172,960.94
5% Retention -	<u>\$8,648.05</u>
Earned Less Retention -	\$164,312.89

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the payment of \$172,960.94, of which \$8,648.05 will be held as retention, and the remaining \$164,312.89 will be issued to the Contractor.

Respectfully submitted,



Justin Scheidel
District Engineer

Attachments:

Empire Equipment Services Progress Payment Request

Estimated Percentage of Job Completed 90%

Is Contractor's Construction Progress on Schedule? Yes [] No

I hereby certify that I have carefully inspected the work and as a result of my inspection and to the best of my knowledge and belief, the quantities shown in this estimate are correct and have not been shown in previous estimates and the work has been performed in accordance with the contract documents.

DATE: _____

Name of Contractor

BY: _____

Title

TEMESCAL VALLEY WATER DISTRICT

BY: Justin Scheidel
Engineer

BY: Jelani Kea
Inspector

TO: Temescal Valley Water District

FROM: Empire Equipment Service, Inc

P.O. BOX 532 MIRA LOMA, CA. 91752

(Remittance Address)

PROJECT NAME: Knabe Road Potable Waterline Project

ARCHITECT: N/A

APPLICATION NO: 1

PERIOD TO: 11/20/2020

APPLICATION DATE: 11/18/20

CONTRACT DATE: 8/4/20

PROJECT NO.: #20-06

DISTRIBUTION

OWNER ()

ARCHITECT ()

CONTRACTOR ()

FIELD ()

OTHER ()

CONTRACTOR'S APPLICATION FOR PAYMENT

1. ORIGINAL CONTRACT SUM \$ 229,274.00

2. Net Change by Change Orders \$ 49,479.04

3. CONTRACT SUM TO DATE (Line 1 + Line 2) \$ 278,753.04

4. TOTAL COMPLETED & STORED TO DATE \$ 172,960.94

(Column G on Continuation Sheet)

5. RETAINAGE:

a. % of Work Completed \$ 8,648.05

b. % of Stored Material

TOTAL RETAINAGE (Line 5b-5a) \$ 8,648.05

6. TOTAL EARNED LESS RETAINAGE \$ \$164,312.893

(Line 4 less Line 5b Total)

7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$ 0.00

(Line 6 from prior Application for Payment)

8. CURRENT PAYMENT DUE (Line 6 less Line 7) \$ 164,312.893

9. BALANCE TO FINISH INCLUDING RETAINAGE, (Line 3 less Line 5b and Line 6) \$ 114,440.15

CERTIFICATION

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificate for Payment were issued and payments received from the Owner, and that current

SUBCONTRACTOR

By: _____ Date _____

State of: California

County of Los Angeles

Subscribe and sworn to (or affirmed) before me on this

proved to me on the basis of satisfactory evidence

to be the person who appeared before me.

Notary Public: _____

My Commission expires: _____

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observation and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in acceptance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED

Attached explanation if amount certified differs from the amount applied.
Initial all figures on this application and on the Continuation Sheet that are changed to conform with the amount certified)

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total change order approved in previous month by owner	\$ 49,479.04	
Total approved this month		
TOTAL		0.00
NET CHANGES by Change Orders		

ARCHITECT:

By: _____ Date _____

SUPERINTENDENT APPROVAL

PM/Director of Construction APPROVAL

APPROVAL

Subcontractor:
 Empire Equipment Service, Inc.
 PO Box 532
 MIRA LOMA, CA 91752

Contractor:
 Temescal Valley Water District
 Krabe Road Potable Waterline

Contract #20-06
 Date 08/04/2020

APPLICATION# 1
 THRU DATE 11/20/2020
 SUBMITTED DATE 11/18/2020

Item No.	COST CODE	SUMMARY			THIS PERIOD QTY P-S	LOCATION PER MAP	TOTAL QTY TO DATE	QTY TO FINISH	WORK COMPLETED			MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE	% COMPLETED	Balance To Finish	5% RETAINAGE
		PROPOSAL#	DESCRIPTION OF WORK	QTY					RATE	UNIT MEASURE	Scheduled Value					
1			General Requirements	1			1	0	\$ 5,500.00		\$ 4,950.00		4,950.00	90%	\$ 550.00	247.50
1.1			Permits	1				1	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
1.2			Bonding \$3,900.00	1				1	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
1.3			Restrooms	1				1	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
2			Mobilize/ Demobilize	1		10,917.00	LS	0.5			\$ 5,458.50		5,458.50	50%	\$ 5,458.50	272.93
3			Excavation Safety Measures	1		6,800.00	LS	1			\$ 6,800.00		6,800.00	100%	\$ -	340.00
4			Pavement Restoration	1		43,188.00	LS	0			\$ -		0.00	0%	\$ 43,188.00	0.00
4.1			Repair of concrete	1				1	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
4.2			Asphalt	1				1	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
4.3			Remove existing piping	1				1	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
4.4			other	1				1	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
5			Portable Water Pipeline Construction \$111,160.00	0				0	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
5.1			Construct 12" Portable water transmission pipeline 1258'	1258		77.00	FT	1132.2			\$ 96,866.00		87,179.40	90%	\$ 9,686.60	4,358.27
5.2			Thrust Blocks	5		650.00	EA	5			\$ 3,250.00		3,250.00	100%	\$ -	162.50
5.3			2" Manual Air Valve assy.	2		2,890.00	EA	2			\$ 5,780.00		5,780.00	100%	\$ -	289.00
5.4			4" Blow off assy.	1		5,264.00	EA	1			\$ 5,264.00		5,264.00	100%	\$ -	263.20
6			Testing, Start up,	1		9,600.00	LS	0.5			\$ 4,800.00		4,800.00	50%	\$ 4,800.00	240.00
7			As-Built Commissioning, O&M Manuals	1		1,000.00	LS	0			\$ -		0.00	0%	\$ 1,000.00	0.00
8			All other work Required to Complete	1		41,109.00	LS	0			\$ -		0.00	0%	\$ 41,109.00	0.00
				0				0	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
				0				0	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
				0				0	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
			TOTAL ORIGINAL CONTRACT	0				0	\$ 229,274.00	\$ -	\$ 123,481.90		123,481.90	54%	\$ 105,792.10	6,174.10
CO-1			Changes to waterline design to offset around unknown concrete structures						\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
CO-1			12" C-905	135		77.00	FT	135			\$ 10,395.00		10,395.00	100%	\$ -	519.75
CO-1			12" D.I PIPE	60		190.00	FT	60			\$ 11,400.00		11,400.00	100%	\$ -	570.00
CO-1			Thrust Blocks	8		650.00	EA	8			\$ 5,200.00		5,200.00	100%	\$ -	260.00
CO-1			1" Air Vac Assy.	1		2,340.00	EA	1			\$ 2,340.00		2,340.00	100%	\$ -	117.00
CO-1			Excavation Safety and Shoring	1		2,500.00	FT	1			\$ 2,500.00		2,500.00	100%	\$ -	125.00
CO-1			Additional Pavement Restoration	2328		3.43	SF	2328			\$ 7,985.04		7,985.04	100%	\$ -	399.25
CO-1			Concrete Encasement	31		169.00	FT	31			\$ 5,239.00		5,239.00	100%	\$ -	261.95
CO-1			Shurry backfill	10		92.00	CY	10			\$ 920.00		920.00	100%	\$ -	46.00
CO-1			Survey	1		3,500.00	LS	1			\$ 3,500.00		3,500.00	100%	\$ -	175.00
			TOTAL CHANGE ORDERS	0				0	\$ 49,479.04	\$ -	\$ 49,479.04		49,479.04	100%	\$ -	2,473.95
				0				0	\$ -		\$ -		0.00	#DIV/0!	\$ -	0.00
			TOTAL CONTRACT & CO'S	0				0	\$ 278,753.04	\$ -	\$ 172,960.94		172,960.94	62%	\$ 105,792.10	8,648.05

Empire Equipment Service, Inc.

P.O. BOX 532
 MIRA LOMA, CA.91752
 License No.876696

Invoice

Invoice #: 20-06 R-1
Invoice Date: 11/18/2020
Due Date: 11/18/2020
Job Number: 20-06

Bill To:
 TEMESCAL VALLEY WATER DISTRICT

Project:
 KNABE ROAD
 POTABLE WATERLINE

Description	Prior Qty	Curr %	Total %	Prior A...	Propos...	QTY	Rate	Current...
GENERAL REQUIREMENTS:	0	90.00%	90.00%		5,500.00	0.9	5,500.00	4,950.00
MOBILIZE/DEMOBILIZE	0	50.00%	50.00%		10917.00	0.5	10,917.00	5,458.50
EXCAVATION SAFETY MEASURES	0	100.00%	100.00%		6,800.00	1	6,800.00	6,800.00
WATER PIPELINE TESTING, START UP	0	91.29%	91.29%		111160.00	0.91286	111160.00	101473.40
SUBTOTAL	0	50.00%	50.00%		9,600.00	0.5	9,600.00	4,800.00
Retainage							-5.00%	-6174.10

			Total	\$117,307.80
Phone:	Fax:	E-mail:	Payments/Credits	\$0.00
(951) 681-1345	(951) 332-0857	Josh@Empireequipmentservice.com	Balance Due	\$117,307.80

Empire Equipment Service, Inc.

P.O.BOX 532
 MIRA LOMA, CA.91752
 License No.876696

Invoice

Invoice #: 20-06 CO-1
Invoice Date: 11/18/2020
Due Date: 11/18/2020
Job Number: 20-06 R-1

Bill To:
 TEMESCAL VALLEY WATER DISTRICT

Project:
 Knabe Rd Potable Waterline Project

Description	Prior Qty	Curr %	Total %	Prior A...	Propos...	QTY	Rate	Current...
Changes to waterline design to offset around unknown concrete structures.								
1. 12" C-905	0	100.00%	100.00%		10395.00	135	77.00	10395.00
2. 12" D.I. Pipe.	0	100.00%	100.00%		11400.00	60	190.00	11400.00
3. Thrust blocks.	0	100.00%	100.00%		5,200.00	8	650.00	5,200.00
4. 1" Air Vac Assy.	0	100.00%	100.00%		2,340.00	1	2,340.00	2,340.00
5. Excavation Safety & Shoring.	0	100.00%	100.00%		2,500.00	1	2,500.00	2,500.00
6. Additional Pavement Restoration.	0	100.00%	100.00%		7,985.04	2,328	3.43	7,985.04
7. Concrete encasement.	0	100.00%	100.00%		5,239.00	31	169.00	5,239.00
8. Slurry Backfill.	0	100.00%	100.00%		920.00	10	92.00	920.00
9. Survey.	0	100.00%	100.00%		3,500.00	1	3,500.00	3,500.00
SUBTOTAL								49479.04
Retainage							-5.00%	-2473.95

			Total	\$47,005.09
Phone:	Fax:	E-mail:	Payments/Credits	\$0.00
(951) 681-1345	(951) 332-0857	Josh@Empireequipmentservice.com	Balance Due	\$47,005.09

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: Empire Equipment Service, Inc.

Name of Customer: Temescal Valley Water District

Job Location: Knabe Road, Temescal Valley, Ca.

Owner: Temescal Valley Water District

Through Date: 11/20/2020

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: \$ 164,312.89

Check Payable to: Empire Equipment Service, 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.
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Signature

Claimant's Signature: 

Claimant's Title: Vice President

Date of Signature: 11/18/2020
