

**AGENDA FOR THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
TEMESCAL VALLEY WATER DISTRICT
APRIL 28, 2020, 8:30 A.M. AT
THE DISTRICT'S ADMINISTRATIVE OFFICE
22646 TEMESCAL CANYON ROAD,
TEMESCAL VALLEY, CALIFORNIA 92883**

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

AGENDA ITEMS

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

PUBLIC COMMENT

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

NOTICE TO PUBLIC

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

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

AFFIDAVIT OF POSTING

I, Allison Harnden, Office Manager of the Temescal Valley Water District, hereby certify that I caused the posting of the Agenda at the District office at 22646 Temescal Canyon Road, Temescal Valley, California 92883 before April 25, 2020.

Allison Harnden, Office Manager

AGENDA FOR REGULAR MEETING
April 28, 2020

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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_FNtr-UosTx2Mq8iTECmAqg. 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 February 25, 2020 Regular Meeting.** **6-9**
RECOMMENDATION: Approve Minutes as written.
5. **Payment Authorization Report.** **10-13**
RECOMMENDATION: Approve Report and authorize payment of the March 24-April 28, 2020 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** **14-31**
 - a. Revenue & Expenditure Reports.
RECOMMENDATION: Note and file.
7. **Independent Auditor's Annual Financial Report FY 18/19.** **32-69**
RECOMMENDATION: To be made by Board.
8. **LAFCO Special District Election.** **70-74**
RECOMMENDATION: To be made by the Board.
9. **Trilogy Development.**
 - a. Homeowners Association update. (-)
 - b. Golf Course update. (-)

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10. Sycamore Creek Development.	
a. Project Update.	(-)
b. 1738 homes to be built. 1727 houses occupied to date. 99% complete.	
11. Retreat Development.	(-)
a. Project Update.	
12. Terramor Development (Forestar Toscana).	
a. Project Update.	(-)
b. 1443 homes to be built. 433 houses occupied to date. 30% complete.	
13. Harmony Grove (Griffin Homes).	(-)
a. Project Update.	
b. 50 homes to be built. 24 houses released to date.	
14. Water Utilization Reports.	75-87
RECOMMENDATION: Note and file.	
15. Sustainable Groundwater Management Act.	(-)
a. Project Update.	
16. Committee Reports.	
a. Finance/Legislation (Director Rodriguez).	(-)
1. Budget Schedule FY 2020-2021.	88
b. Engineering/Operations (Director Myers).	(-)
c. Public Relations (Allison Harnden).	(-)
17. General Manager's Report.	
a. General Manager's Report.	89

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b. Pacific Hydrotech Corporation Payment Request #4. RECOMMENDATION: Authorize the payment of \$784,605 to Pacific Hydrotech as well as a retention payment of \$41,295 to be deposited into an Escrow Account for a total of \$825,900.	90-105
c. Pacific Hydrotech Corporation Payment Request #5. RECOMMENDATION: Authorize the payment of \$411,777.50 to Pacific Hydrotech as well as a retention payment of \$21,672.50 to be deposited into an Escrow Account for a total of \$443,450.00.	106-121
18. Operations Report. a. Water and Sewer Operations.	122-123
19. District Engineer's Report. a. Status of Projects.	124-125
20. District Counsel's Report.	(-)
21. Seminars/Workshops.	(-)
22. Consideration of Correspondence. An informational package containing copies of all pertinent correspondence for the Month of March will be distributed to each Director along with the Agenda.	126
23. Adjournment.	(-)

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

February 25, 2020

PRESENT

C. Colladay
J. Butler
F. Myers

ABSENT

P. Rodriguez
D. Harich

GUESTS

J. Watson
J. Watson
T. Davis
H. Isaac

STAFF

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

1. Roll Call and Call to Order.

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

2. Presentations and Acknowledgments.

- 3. Public Comment** – Tracy Davis reported that squirrels got into the acorns that they had intended on planting. Jannlee Watson asked the Board about the status of the process review for elections.

BOARD ITEMS:

4. Minutes of the January 28, 2020 Regular Meeting.

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

5. Payment Authorization Report.

ACTION: Director Myers moved to approve the January 28-February 25, 2020 invoices. Director Butler seconded. Motion carried unanimously.

6. Revenue & Expenditure Reports. (Unaudited).

a. Revenue & Expenditure Reports.

ACTION: Note and file.

The Board asked staff to breakout the yearly non-potable budget by month instead.

- b. Lien update.
ACTION: Note and file.
7. **Trilogy Development.**
- a. Homeowners Association update.
 - b. Golf Course update.
8. **Sycamore Creek Development.**
- a. Project Update.
 - b. 1738 homes to be built. 1713 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. 417 houses occupied to date. 29% complete.
11. **Harmony Grove (Griffin Homes).**
- a. Project Update.
 - b. 50 estimated homes to be built. 24 houses released to date.
12. **Water Utilization Reports.**
ACTION: Note and file.
13. **Sustainable Groundwater Management Act.**
- a. Project Update.
14. **Committee Reports.**
- a. Finance/Legislative (Director Rodriguez) – Director Rodriguez reported on the January 16th meeting with Jeff.
 - b. Engineering/Operations (Director Myers).

- c. Public Relations (Allison Harnden) – Allison reported that the Board must complete Ethics training online by March 15th and that Conflict of Interest Form 700 are due by April 1, 2020. She also reported that the rate change postcard is being mailed to all customers.

15. General Manager’s Report.

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

- b. Solar Ready Carports.

ACTION: This item was tabled.

- c. Financial Plan Update and Presentation by IB Consulting Inc.

ACTION: Director Butler moved to approve the Financial Plan as presented. Director Myers seconded. Motion carried unanimously.

- d. Second Amendment to Potable Water, Sanitary Sewer and Non-Potable Water Facilities and Services Agreement (Toscana).

ACTION: Director Myers moved to authorize the General Manager to execute subject to minor corrections as directed by the Board. Director Butler seconded. Motion carried unanimously.

16. Operations Report.

- a. Water and sewer operations.

17. District Engineer’s Report.

- a. Status of Projects.

18. District Counsel’s Report.

19. Seminars/Workshops.

20. Consideration of Correspondence.

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

21. Adjournment.

There being no further business, the February 25, 2020 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 11:15 a.m. by President Colladay.

ATTEST:

APPROVED:

Paul Rodriguez, Secretary

Charles Colladay, President

Date: _____

Date: _____

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT
April 28, 2020

Check #	Date	Payee ID	Payee	Amount	
23854	3/21/20	NC	NORTHSTAR CHEMICAL	7,800.02	
23855	3/21/20	JH	PAYROLL	-	
23856	3/21/20	JH	PAYROLL	-	
23857-23861	3/21/20		VOID	-	
23862	3/23/20	REFUND	BC TREE SERVICE	1,164.97	
23863	3/23/20	REFUND	GEORGE CALLAS	145.62	
23864	3/23/20	REFUND	LAURA REININGER	142.38	
23865	3/23/20	REFUND	JOSEPH TAKO	177.84	
23866	3/23/20	REFUND	CORONA FOREST BOUNDARY RD 50 L	18.46	
23867-23869	3/23/20		VOID	-	
23870	3/25/20	EL	EDUARDO LOPEZ-TRK MAINT	100.00	
23871-23880	4/3/20		VOID	-	
23881	4/3/20	AD	PAYROLL	-	
23882	4/3/20	BE	PAYROLL	-	
23883	4/3/20	CG	PAYROLL	-	
23884	4/3/20	CL	PAYROLL	-	
23885	4/3/20	DB	PAYROLL	-	
23886	4/3/20	JH	PAYROLL	-	
23887	4/3/20	KN	PAYROLL	-	
23888	4/3/20	LK	PAYROLL	-	
23889	4/3/20	MM	PAYROLL	-	
23890	4/3/20	PB	PAYROLL	-	
23891	3/27/20	TR01	TRAN CONTROLS SCADA SOLUTIONS, LLC.	1,548.37	
23892	3/27/20	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	10,337.40	REPAIR CENT/RETEAT POND
23893	3/27/20	TR01	TRAN CONTROLS SCADA SOLUTIONS, LLC.	1,548.37	
23894	3/27/20	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	4,149.10	
23895	3/27/20	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	837.55	
23896	3/27/20	TR01	TRAN CONTROLS SCADA SOLUTIONS, LLC.	1,548.37	
23897	3/27/20	TR012	TRAN CONTROLS SCADA SOLUTIONS, LLC.	19,673.10	REPAIR TANKS/CENT
23898	4/6/20	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	5,546.10	
23899	4/6/20	AGSI	AUTOMATED GATE SERVICES INC	169.00	
23900	4/6/20	BA01	BABCOCK LABORATORIES, INC	3,097.73	
23901	4/6/20	BGM	BIG GIANT MEDIA	54.90	
23902	4/6/20	BT	BT PIPELINE INC.	9,114.00	AG LINE REPAIR

TEMESCAL VALLEY WATER DISTRICT
PAYMENT AUTHORIZATION REPORT
April 28, 2020

Check #	Date	Payee ID	Payee	Amount	
23903	4/6/20	CE01	CENTRAL COMMUNICATIONS	120.39	
23904	4/6/20	CIC	CRAWFORD INLAND COMPRESSOR	1,187.96	
23905	4/6/20	CM01	CORE & MAIN	17,732.62	AIR VACS/METERS
23906	4/6/20	DPCI	DON PETERSON CONTRACTING, INC.	2,682.00	
23907	4/6/20	DSC	DATABASE SYSTEMS CORP.	343.04	
23908	4/6/20	DU01	DUDEK & ASSOCIATES-CONTRACT MGT	20,808.00	
23909	4/6/20	FE01	FEDERAL EXPRESS	41.17	
23910	4/6/20	GI	GORM INC.	218.59	
23911	4/6/20	HES	HOLLOWAY ENVIRONMENTAL SOLUTIONS	10,466.14	HAUL SLUDGE
23912	4/6/20	HO01	HOME DEPOT CREDIT SERVICES	544.06	
23913	4/6/20	MH01	MCFADDEN-DALE HARDWARE CO.	184.76	
23914	4/6/20	MITI	MORR-IS TESTED IN	2,080.00	
23915	4/6/20	MU01	WILLDAN FINANCIAL SERVICES	8,902.46	CFD ADMIN
23916	4/6/20	NC	NORTHSTAR CHEMICAL	11,580.18	
23917	4/6/20	PLM01	PARRA LANDSCAPE MAINTENANCE	650.00	
23918	4/6/20	PPE	PRIVATE PEST EXTERMINATORS	286.00	
23919	4/6/20	RMAG	RMA GROUP	6,960.00	CAP-PLT EXPAN CM
23920	4/6/20	RTI	RICHARDSON TECHNOLOGIES INC.	423.00	
23921	4/6/20	SEMA	SEMA INC.	631.85	
23922	4/6/20	SO03	SOUTHERN CALIF EDISON CO.	32,816.35	
23923	4/6/20	ST01	STAPLES CREDIT PLAN	528.68	
23924	4/6/20	UN01	UNDERGROUND SERVICE ALERT	154.12	
23925	4/6/20	WA01	WASTE MANAGEMENT - INLAND EMPIRE	285.22	
23926	4/7/20		PAUL BISHOP	260.00	
23927	4/7/20	USB01	US BANK GOVERNMENT SERVICES	3,440.33	
23928	4/6/20	EPIC	EDGEWOOD PARTNERS INSURANCE CENTER	50,125.00	20-21 INSURANCE
23929	4/17/20	AD	PAYROLL	-	
23930	4/17/20	BE	PAYROLL	-	
23931	4/17/20	CG	PAYROLL	-	
23932	4/17/20	CL	PAYROLL	-	
23933	4/17/20	DB	PAYROLL	-	
23934	4/17/20	JH	PAYROLL	-	
23935	4/17/20	KN	PAYROLL	-	
23936	4/17/20	LK	PAYROLL	-	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 April 28, 2020

Check #	Date	Payee ID	Payee	Amount	
23937	4/17/20	MM	PAYROLL	-	
23938	4/17/20	PB	PAYROLL	-	
23939	4/15/20		EDUARDO LOPEZ-TRK MAINTENANCE	80.00	
23940	4/17/20	REFUND	TAMARA STEVENSON	8.87	
23941	4/17/20	REFUND	CHENG LIN	230.07	
23942	4/17/20	REFUND	STEVE JENNINGS	150.00	
23943	4/17/20	REFUND	FRANCIS MOULLET	211.17	
23944	4/17/20	REFUND	MICHELLE FISHMAN	147.71	
23945	4/17/20	REFUND	JENNIFER KING	191.21	
23946	4/17/20	REFUND	CHRISTPHER COBB	206.71	
23947	4/17/20	REFUND	CLINT COPAS	105.62	
23948	4/17/20	REFUND	JOSEPH HUSOVSKY	24.69	
23949	4/17/20	REFUND	JENNY KIM	209.39	
23950	4/17/20	REFUND	KWI CHE	18.17	
23951	4/17/20	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	5,547.05	
23952	4/17/20	ATM	AT & T MOBILITY	662.69	
23953	4/17/20	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,374.64	
23954	4/17/20	CAM	CHANDLER INVESTMENT MANAGEMENT	1,000.00	
23955	4/17/20	CE01	CENTRAL COMMUNICATIONS	182.26	
23956	4/17/20	CESI	CENTERE ELECTRIC SERVICES INC.	9,263.55	REPAIR ID #1/INFLUENT PUMPS
23957	4/17/20	CL01	CLAYSON, BAINER & SAUNDERS	7,325.00	
23958	4/17/20	CM01	CORE & MAIN	1,519.44	
23959	4/17/20	DU01	DUDEK & ASSOCIATES-CONT MGT	21,548.00	
23960	4/17/20	DU02	DUDEK & ASSOCIATES-SPECIAL PJTS	2,992.50	
23961	4/17/20	DU03	DUDEK & ASSOCIATES-PASS THRU	2,590.00	
23962	4/17/20	DU04	DUDEK & ASSOCIATES-ENGINEERING	5,856.00	
23963	4/17/20	DWEI	DEXTER WILSON ENGINEERING INC	14,445.48	CAP- PLT EXPAN SBR CONTROLS
23964	4/17/20	EWC	EYNON MANAGEMENT	6,415.05	WEED ABATEMENT
23965	4/17/20	GI	GORM INC.	230.98	
23966	4/17/20	GMDM	GUTIRREZ MAINTENANCE/ DANIEL GUTIERREZ	350.00	
23967	4/17/20	LG	LOU'S GLOVES	86.00	
23968	4/17/20	MCC	MEL Mc CULLOUGH-EXP RPT MILEAGE	292.05	
23969	4/17/20	MH01	MCFADDEN-DALE HARDWARE CO.	242.01	
23970	4/17/20	NC	NORTHSTAR CHEMICAL	4,542.31	

TEMESCAL VALLEY WATER DISTRICT
 PAYMENT AUTHORIZATION REPORT
 April 28, 2020

Check #	Date	Payee ID	Payee	Amount	
23971	4/17/20	PA02	PARKSON CORPORATION	93,231.22	CAP-SBR CONTROLS
23972	4/17/20	PCE	PACIFIC COAST ENVELOPE INC	2,751.18	
23973	4/17/20	PLM01	PARRA LANDSCAPE MAINTENANCE	237.50	
23974	4/17/20	ST02	STATE COMPENSATION INSUR.FUND	2,797.48	
23975	4/17/20	TWC	SPECTRUM BUSINESS	1,023.09	
23976	4/17/20	WA01	WASTE MANAGEMENT - INLAND EMPIRE	471.56	
23977	4/17/20	WE01	WESTERN MUNICIPAL WATER DISTR.	215,503.50	
23978	4/17/20	XI	XALOGY INC	3,664.67	
23979	4/17/20	FI01	FIDELITY INVESTMENTS	700.00	
23980	4/17/20	FI01	FIDELITY INVESTMENTS	911.39	
23981	4/17/20	FI01	FIDELITY INVESTMENTS	747.00	
23982	4/17/20	FI01	FIDELITY INVESTMENTS	700.00	
Total				<u>\$ 655,412.41</u>	

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

Mel McCullough - Finance Manager

 Mel McCullough - Finance Manager

4/28/20

 Date

TEMESCAL VALLEY WATER DISTRICT
INTERNAL BALANCE SHEET
31-Mar-20

ASSETS

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			13,214,657
Capacity Rights			13,503,639
Water System, Reservoir & Wells			8,479,013
Water & Sewer Mains			31,510,204
General Equipment Sewer/Water/ Furniture			632,505
Buildings & Entrance Improvements			333,359
			\$ 68,575,495
Current Assets			
Cash - Wastewater	11,594,193		
Cash - Water	13,935,467		
Cash - ID #1	632,782		
Cash - ID #2	364,542		
Cash - Nonpotable	2,970,970		
Cash - Deposits	1,269,055		30,767,009
Accounts Receivable-Services/Developers			869,282
Assessment Receivable			129,571
Interest Receivable			94,135
Prepaid Expenses			-
Inventory			45,599
			31,905,596
Other Assets			
Work-in-Process			551,789
Deferred Outflows - Pension		\$	166,032
TOTAL ASSETS		\$	101,198,911

LIABILITIES

Current Liabilities			
Accounts Payable		\$	809,010
Security Deposits			235,430
Payroll & Payroll Taxes Payable			56,579
Capacity & Meter Deposits			135,513
Fiduciary Payments Payable			252,369
Developer Deposits			632,665
Other Deposits			13,077
			2,134,644
Long-term Liabilities			
TVRP Note			1,152,458
Deferred Inflows - Pension			76,754
TOTAL LIABILITIES		\$	3,363,856

FUND EQUITY

Fund Balances			
Waste Water Fund Balance			34,604,779
Water Fund Balance			48,671,462
ID #1 Fund Balance			622,365
ID #2 Fund Balance			535,722
Recycled Water Fund Balance			13,400,728
TOTAL FUND EQUITY		\$	97,835,055
TOTAL LIABILITIES & FUND EQUITY		\$	101,198,911

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET 2019-2020	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>WASTEWATER DEPARTMENT</u>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	206,680	206,250	430	1,833,987	1,856,250	(22,263)	\$ 2,475,000	(641,013)
MONTHLY SERVICE CHARGE-ID #1	10,766	10,766	-	96,898	96,898	-	137,000	(40,102)
MONTHLY SERVICE CHARGE-ID #2	12,178	12,178	-	109,602	109,602	-	155,000	(45,398)
MONTHLY SEWER SERVICE CHG-R COM	8,819	9,583	(764)	83,350	86,247	(2,897)	115,000	(31,650)
MISC UTILITY CHARGES/ REVENUE	474	417	57	2,787	3,753	(966)	5,000	(2,213)
STANDBY CHARGES	-	-	-	62,628	55,000	7,628	110,000	(47,372)
CFD REIMBURSEMENTS	-	-	-	10,000	10,000	-	20,000	(10,000)
INSPECTION CHARGES	2,880	4,167	(1,287)	29,088	37,503	(8,415)	50,000	(20,912)
TOTAL WASTEWATER REVENUE	241,797	243,361	(1,564)	2,228,340	2,255,253	(26,913)	3,067,000	(838,660)
OPERATING EXPENSES:								
PLANT WAGES EXPENSE	10,121	11,592	(1,471)	97,358	110,120	(12,762)	150,700	(53,342)
INSPECTION WAGES EXPENSE	2,632	2,615	17	25,377	24,846	531	34,000	(8,623)
PAYROLL TAXES EXP	202	231	(29)	2,250	2,192	58	3,000	(750)
EMPLOYEE BENEFITS-INS	872	1,520	(648)	8,290	13,690	(5,400)	18,250	(9,960)
EMPLOYEE BENEFITS-RETIREMENT	1,202	1,685	(483)	10,693	15,150	(4,457)	20,200	(9,507)
OVERTIME EXP	2,788	833	1,955	24,388	7,500	16,888	10,000	14,388
MILEAGE EXP	46	100	(54)	812	900	(88)	1,200	(388)
VACATION EXP	624	742	(118)	5,618	6,675	(1,057)	8,900	(3,282)
ELECTRICIAN LABOR COSTS	-	417	(417)	-	3,750	(3,750)	5,000	(5,000)
SCADA SYSTEM ADMIN/MAINT	-	833	(833)	9,625	7,500	2,125	10,000	(375)
LABORATORY TESTING COSTS	-	1,833	(1,833)	14,896	16,500	(1,604)	22,000	(7,104)
SLUDGE DISPOSAL/PUMPING COSTS	11,223	4,167	7,056	49,371	37,500	11,871	50,000	(629)
SLUDGE DISPOSAL BAG EXP	-	-	-	-	-	-	25,000	(25,000)
SLUDGE CHEMICAL EXP	-	2,917	(2,917)	41,701	26,250	15,451	35,000	6,701
EQUIPMENT RENTAL COSTS	-	167	(167)	-	1,500	(1,500)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	16,287	16,667	(380)	154,305	150,000	4,305	200,000	(45,695)
SEWER LINE REPAIRS	-	833	(833)	-	7,500	(7,500)	10,000	(10,000)
SEWER CLEANING AND VIDEO EXP	2,080	833	1,247	41,470	7,500	33,970	10,000	31,470
SECURITY AND ALARM EXP	-	250	(250)	1,862	2,250	(388)	3,000	(1,138)
PROPERTY MAINTENANCE	9,255	6,300	2,955	37,312	56,700	(19,388)	40,000	(2,688)
ENGINEERING/ADMIN. STUDIES	-	1,667	(1,667)	15,715	15,000	715	20,000	(4,285)
ENERGY COSTS	13,390	17,500	(4,110)	166,825	157,500	9,325	210,000	(43,175)
CONSUMABLE SUPPLIES & CLEANING	706	833	(127)	4,702	7,500	(2,798)	10,000	(5,298)
CHEMICALS, LUBRICANTS & FUELS	12,001	8,333	3,668	116,991	75,000	41,991	100,000	16,991
SMALL EQUIPMENT & TOOLS COST	1,020	1,250	(230)	25,064	11,250	13,814	15,000	10,064
PERMITS, FEES & TAXES (WTR BRD FEE)	899	2,083	(1,184)	16,337	18,750	(2,413)	25,000	(8,663)
SAWPA BASIN MONITORING EXP	-	-	-	17,242	17,500	(258)	25,000	(7,758)
MAP UPDATING/GIS EXP	-	167	(167)	-	1,500	(1,500)	2,000	(2,000)
MISC. OPERATING EXP	-	83	(83)	-	750	(750)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	1,500	(1,500)
CONTINGENCIES	-	3,425	(3,425)	-	30,825	(30,825)	41,075	(41,075)
TOTAL OPERATING EXPENSES	85,348	89,876	(4,528)	888,204	833,598	54,606	1,108,825	(220,621)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	8,620	8,500	120	74,917	76,500	(1,583)	102,000	(27,083)
GENERAL ENGINEERING EXP	-	1,250	(1,250)	9,244	11,250	(2,006)	15,000	(5,756)
EMPLOYEE BENEFITS-INS	1,742	1,642	100	11,235	14,800	(3,565)	19,700	(8,465)
EMPLOYEE BENEFITS-RETIREMENT	2,124	2,042	82	17,874	18,400	(526)	24,500	(6,626)
ANNUAL ASSESSMENT EXP	-	-	-	2,843	3,000	(157)	5,000	(2,157)
PLAN CHECK & INSPECTION EXP	-	833	(833)	-	7,500	(7,500)	10,000	(10,000)
WAGES EXPENSE	12,154	13,462	(1,308)	117,271	121,250	(3,979)	175,000	(57,729)
VACATION EXP	797	800	(3)	7,175	7,240	(65)	12,320	(5,145)
PAYROLL TAX EXPENSES	214	215	(1)	2,204	2,100	104	2,800	(596)
OVERTIME EXP	-	83	(83)	-	750	(750)	1,000	(1,000)
MILEAGE EXP ADMIN	117	42	75	117	375	(258)	500	(383)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	-	833	(833)	1,300	7,500	(6,200)	10,000	(8,700)
AUDIT EXPENSES	-	-	-	-	-	-	5,700	(5,700)
BOARD COMMITTEE MEETING EXP.	423	1,000	(577)	5,643	9,000	(3,357)	12,000	(6,357)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	4,000	(4,000)
COMPUTER SYSTEM ADMIN	2,214	1,500	714	19,253	13,500	5,753	18,000	1,253
BANK CHARGES EXP	1,824	2,083	(259)	20,364	18,750	1,614	25,000	(4,636)
MISCELLANEOUS & EDUCATION EXP	-	250	(250)	1,393	2,250	(857)	3,000	(1,607)
TELEPHONE, FAX & CELL EXP	512	1,000	(488)	11,494	9,000	2,494	12,000	(506)
OFFICE SUPPLIES EXP	1,068	1,250	(182)	10,928	11,250	(322)	15,000	(4,072)
PRINTING EXPENSES	2,544	417	2,127	6,274	3,750	2,524	5,000	1,274
POSTAGE & DELIVERY EXPENSE	1,767	1,167	600	10,284	10,500	(216)	14,000	(3,716)
PUBLICATIONS, NOTICES & DUES	134	63	71	1,186	563	624	750	436
EQUIPMENT LEASE EXPENSES	712	583	129	5,764	5,250	514	7,000	(1,236)
INSURANCE EXPENSES	2,152	2,333	(181)	21,016	21,000	16	28,000	(6,984)
COMMUNITY OUTREACH EXP	-	667	(667)	3,160	6,000	(2,840)	8,000	(4,840)
INVESTMENT EXP	-	400	(400)	2,833	3,600	(767)	4,800	(1,967)
TOTAL ADMINISTRATIVE EXPENSES	39,118	42,415	(3,297)	363,772	385,078	(21,306)	542,070	(178,298)
TOTAL WASTEWATER EXPENSES	124,466	132,291	(7,825)	1,251,976	1,218,676	33,301	1,650,895	(398,919)
NET OPERATING REVENUE/EXPENSE	117,331	111,070	6,261	976,364	1,036,578	(60,214)	1,416,105	(439,741)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
INTEREST INCOME/UNREALIZED GAIN ON INV	10,640	6,667	3,973	116,244	60,000	56,244	80,000	36,244
PROPERTY TAX INCOME	745	5,833	(5,088)	56,862	52,500	4,362	70,000	(13,138)
TOTAL NON-OPER SOURCE OF FUNDS	11,385	12,500	(1,115)	173,106	112,500	60,606	150,000	23,106
TOTAL SEWER REVENUE/EXPENSE	128,716	123,570	5,146	1,149,470	1,149,078	393	1,566,105	(416,635)
TRANSFER TO CAPITAL FUND-REPLACEMENT				401,461				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				748,009				
CONNECTION FEES				136,743				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

WASTE WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2018-2019	12,413,541
TRANSFER FOR CAPITAL FUND REPLACEMENT	401,461
TRANSFER FOR CAPITAL IMPROVEMENTS	884,752
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(1,725,909)</u>
TOTAL FUNDS AVAILABLE	<u>11,973,845</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
<i>WATER DEPARTMENT</i>								
OPERATING REVENUE:								
WATER SERVICE CHARGE	145,061	138,333	6,728	1,233,684	1,245,000	(11,316)	1,660,000	(426,316)
WATER USAGE CHARGES	240,498	191,000	49,498	3,032,603	3,255,000	(222,397)	4,340,000	(1,307,397)
WATER PUMPING CHARGE	7,980	7,750	230	118,177	123,800	(5,623)	165,000	(46,823)
FIRE PROTECTION CHARGES	3,067	2,917	150	27,850	26,250	1,600	35,000	(7,150)
MISC. UTILITY CHARGES	2,596	2,917	(321)	29,250	26,250	3,000	35,000	(5,750)
SERVICE METER INCOME	1,800	8,333	(6,533)	74,800	75,000	(200)	100,000	(25,200)
CELLULAR SITE LEASE	-	4,500	(4,500)	24,275	40,500	(16,225)	54,000	(29,725)
MWD READINESS TO SERVE CHARGE	11,249	12,500	(1,251)	91,707	112,500	(20,793)	150,000	(58,293)
STANDBY CHARGES	-	-	-	26,841	20,500	6,341	41,000	(14,159)
CFD REIMBURSEMENTS	-	-	-	10,000	10,000	-	20,000	(10,000)
INSPECTION CHARGES	2,520	3,750	(1,230)	25,452	26,250	(798)	45,000	(19,548)
TOTAL WATER REVENUE	414,771	372,000	42,771	4,694,639	4,961,050	(266,411)	6,645,000	(1,950,361)
OPERATING EXPENSES:								
WAGES EXPENSE	8,856	10,154	(1,298)	85,189	96,500	(11,311)	132,000	(46,811)
INSPECTION WAGES EXPENSE	2,303	2,480	(177)	22,206	21,800	406	29,800	(7,594)
PAYROLL TAXES EXP	177	200	(23)	1,972	1,900	72	2,600	(628)
EMPLOYEE BENEFITS-INS	861	1,333	(472)	6,933	12,000	(5,067)	16,000	(9,067)
EMPLOYEE BENEFITS-RETIREMENT	1,360	1,475	(115)	11,995	13,275	(1,280)	17,700	(5,705)
OPERATION-MILEAGE EXP	41	63	(22)	710	563	148	750	(40)
OVERTIME EXPENSE/ ON CALL	2,440	833	1,607	21,340	7,500	13,840	10,000	11,340
VACATION EXP	780	650	130	7,022	5,850	1,172	7,800	(778)
CONTRACT STAFFING-METER READS	5,546	5,417	129	49,201	48,750	451	65,000	(15,799)
SCADA SYSTEM ADMIN/MAINT	-	833	(833)	4,335	7,500	(3,165)	10,000	(5,665)
LABORATORY TESTING COSTS	-	1,333	(1,333)	11,395	12,000	(605)	16,000	(4,605)
COMPLIANCE TESTING (ISDE/CROSS)	-	250	(250)	-	2,250	(2,250)	3,000	(3,000)
LEAK DETECTION EXPENSE	-	667	(667)	6,095	6,000	95	8,000	(1,905)
EPA WATER TESTING EXP	-	708	(708)	-	6,375	(6,375)	8,500	(8,500)
EQUIPMENT RENTAL COSTS	-	167	(167)	-	1,500	(1,500)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	1,249	6,667	(5,418)	56,221	60,000	(3,779)	80,000	(23,779)
WATER LINE REPAIRS	-	3,333	(3,333)	-	30,000	(30,000)	40,000	(40,000)
ALARM MONITORING COSTS	-	250	(250)	-	2,250	(2,250)	3,000	(3,000)
PROPERTY MAINTENANCE	-	417	(417)	2,190	3,750	(1,560)	5,000	(2,810)
ENGINEERING/ADMIN. STUDIES	1,100	4,000	(2,900)	5,370	6,000	(630)	8,000	(2,630)
ENERGY COSTS	6,390	14,167	(7,777)	92,801	127,500	(34,699)	170,000	(77,199)
CONSUMABLE SUPPLIES & CLEANING	203	167	36	2,814	1,500	1,314	2,000	814
CHEMICALS, LUBRICANTS & FUELS	368	417	(49)	5,736	3,750	1,986	5,000	736
SMALL EQUIPMENT & TOOLS COST	-	83	(83)	3,418	750	2,668	1,000	2,418
PERMITS, FEES & TAXES	-	2,833	(2,833)	34,022	25,500	8,522	34,000	22
MAP UPDATING/GIS EXP	-	417	(417)	-	3,750	(3,750)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	17,105	8,333	8,772	77,159	75,000	2,159	100,000	(22,841)
WHOLESALE WATER PURCHASES	201,799	160,000	41,799	2,665,261	2,594,700	70,561	3,459,600	(794,339)
WATER-MWD CAPACITY CHARGE	3,667	4,167	(500)	30,553	37,500	(6,947)	50,000	(19,447)
WATER-READINESS TO SERVE/REFUSAL CHARGE	10,037	9,583	454	83,699	86,250	(2,551)	115,000	(31,301)
WMWD-MGLMR EXP	-	-	-	116,314	117,000	(686)	117,000	(686)
BAD DEBT EXPENSES	-	-	-	-	1,125	(1,125)	1,500	(1,500)
CONSERVATION REBATE EXP	-	417	(417)	1,090	3,750	(2,660)	5,000	(3,910)
CONTINGENCIES	-	3,792	(3,792)	-	34,125	(34,125)	45,500	(45,500)
TOTAL OPERATING EXPENSES	264,282	245,606	18,676	3,405,041	3,457,963	(52,922)	4,575,750	(1,170,709)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	7,541	7,450	91	65,551	66,938	(1,387)	89,250	(23,699)
GENERAL ENGINEERING EXP	-	1,667	(1,667)	12,011	15,000	(2,989)	20,000	(7,989)
PLAN CHECK & INSPECTION EXP	-	833	(833)	-	7,500	(7,500)	10,000	(10,000)
EMPLOYEE BENEFITS-INS	1,453	1,442	11	12,663	12,975	(312)	17,300	(4,637)
EMPLOYEE BENEFITS-RETIREMENT	2,230	1,792	438	17,833	16,125	1,708	21,500	(3,667)
ANNUAL ASSESSMENT EXP	-	333	(333)	2,843	3,000	(157)	4,000	(1,157)
WAGES EXPENSE	10,635	11,769	(1,134)	102,899	111,800	(8,901)	153,000	(50,101)
VACATION EXP	996	900	96	8,968	8,100	868	10,800	(1,832)
MILEAGE EXP ADMIN	102	42	60	102	375	(273)	500	(398)
OVERTIME EXPENSE	-	83	(83)	-	750	(750)	1,000	(1,000)
PAYROLL TAX EXPENSES	188	192	(4)	1,928	1,825	103	2,500	(572)
CONTRACT STAFFING OFFICE	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	-	625	(625)	1,138	5,625	(4,487)	7,500	(6,362)
AUDIT EXPENSES	-	-	-	-	-	-	5,500	(5,500)
BOARD COMMITTEE/ MEETING EXP.	369	875	(506)	4,416	7,875	(3,459)	10,500	(6,084)
COMPUTER SYSTEM EXP	1,937	1,000	937	11,821	9,000	2,821	12,000	(179)
BANK CHARGES EXP	1,596	1,667	(71)	17,820	15,000	2,820	20,000	(2,180)
MISCELLANEOUS & EDUCATION EXP	-	167	(167)	556	1,500	(944)	2,000	(1,444)
TELEPHONE EXP	448	833	(385)	9,593	7,500	2,093	10,000	(407)
OFFICE SUPPLIES EXP	873	833	40	8,716	7,500	1,216	10,000	(1,284)
PRINTING EXPENSES	-	417	(417)	3,036	3,750	(714)	5,000	(1,964)
POSTAGE & DELIVERY EXPENSE	1,435	1,000	435	853	9,000	(8,147)	12,000	(11,147)
PUBLICATIONS, NOTICES & DUES	445	208	237	1,387	1,875	(488)	2,500	(1,113)
EQUIPMENT LEASE EXPENSES	623	500	123	5,044	4,500	544	6,000	(956)
INSURANCE EXPENSES	5,470	2,042	3,428	18,361	18,375	(14)	24,500	(6,139)
INVESTMENT EXPENSE	-	350	(350)	2,479	3,150	(671)	4,200	(1,721)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	3,500	(3,500)
COMMUNITY OUT REACH EXP	-	-	-	2,765	5,250	(2,485)	7,000	(4,235)
TOTAL ADMINISTRATIVE EXPENSES	36,341	37,020	(679)	312,783	344,288	(31,505)	474,050	(161,267)
TOTAL WATER EXPENSES	300,623	282,626	17,997	3,717,824	3,802,250	(84,426)	5,049,800	(1,331,976)
NET OPERATING REVENUE/EXPENSE	114,148	89,374	24,774	976,815	1,158,800	(181,985)	1,595,200	(618,385)
NON-OPERATING SOURCE OF FUNDS:								
OTHER REVENUE REIMB-MANDATE COSTS	-	-	-	-	-	-	-	-
INTEREST INCOME/UNREALIZED GAIN ON INV	13,440	8,333	5,107	146,835	75,000	71,835	100,000	46,835
PROPERTY TAX INCOME	248	-	248	32,060	20,000	12,060	40,000	(7,940)
TOTAL NON-OP SOURCE OF FUNDS	13,688	8,333	5,355	178,895	95,000	83,895	140,000	38,895
TOTAL REVENUE/EXPENSE	127,836	97,707	30,129	1,155,710	1,253,800	(98,090)	1,735,200	(579,490)
TRANSFER TO CAPITAL FUND-REPLACEMENT				427,045				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				728,665				
CONNECTION FEES				244,414				
CAPACITY USAGE INCOME				235,180				
LONG TERM DEBT REDUCTION				235,180				
				-				

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

WATER CAPITAL FUND:

ENDING FUNDS AVAILABLE 2018-2019	13,057,975
TRANSFER FOR CAPITAL FUND REPLACEMENT	427,045
TRANSFER FOR CAPITAL IMPROVEMENTS	973,079
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<u>(378,921)</u>
TOTAL FUNDS AVAILABLE	<u>14,079,178</u>

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET 2019-2020	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<u>ID#1 DEPARTMENT</u>								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	13,725	13,725	-	123,525	123,525	-	164,700	(41,175)
TOTAL ID #1 REVENUE	13,725	13,725	-	123,525	123,525	-	164,700	(41,175)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	10,766	10,766	-	96,894	96,894	-	133,078	(36,184)
TOTAL OPERATING COSTS	10,766	10,766	-	96,894	96,894	-	133,078	(36,184)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	2,843	3,000	(157)	3,000	(157)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	2,843	3,000	(157)	3,000	(157)
TOTAL ID#1 EXPENSES	10,766	10,766	-	99,737	99,894	(157)	136,078	(36,341)
NET OPERATING REVENUE/EXPENSE	2,959	2,959	-	23,788	23,631	157	28,622	(4,834)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	280	175	105	3,059	1,225	1,834	2,100	959
TOTAL NON-OPER SOURCE OF FUNDS	280	175	105	3,059	1,225	1,834	2,100	959
TOTAL REVENUE/EXPENSE	3,239	3,134	105	26,847	24,856	1,991	30,722	(3,875)
TRANSFER TO CAPITAL FUND-REPLACEMENT				17,916				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				8,931				
				-				
<u>ID #1 FUND BALANCE:</u>								
ENDING FUNDS AVAILABLE 2018-2019	528,559							
TRANSFER TO CAPITAL FUND-REPLACEMENT	17,916							
TRANSFER FOR CAPITAL IMPROVEMENTS	8,931							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	-							
TOTAL FUNDS AVAILABLE	555,406							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET 2019-2020	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
ID#2 DEPARTMENT								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	139,725	139,725	-	191,820	(52,095)
TOTAL ID #2 REVENUE	15,525	15,525	-	139,725	139,725	-	191,820	(52,095)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	12,179	12,179	-	109,611	109,611	-	150,530	(40,919)
TOTAL OPERATING COSTS	12,179	12,179	-	109,611	109,611	-	150,530	(40,919)
ADMINISTRATIVE EXPENSES:								
GENERAL ENGINEERING EXP	-	-	-	-	-	-	2,500	(2,500)
ANNUAL ASSESSMENT PROCESSING	-	-	-	2,842	3,000	(158)	3,000	(158)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	2,842	3,000	(158)	5,500	(2,658)
TOTAL ID#2 EXPENSES	12,179	12,179	-	112,453	112,611	(158)	156,030	(43,577)
NET OPERATING REVENUE/EXPENSE	3,346	3,346	-	27,272	27,114	158	35,790	(8,518)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	560	350	210	6,120	-	6,120	4,150	1,970
TOTAL NON-OPER SOURCE OF FUNDS	560	350	210	6,120	-	6,120	4,150	1,970
TOTAL REVENUE/EXPENSE	3,906	3,696	210	33,392	27,114	6,278	39,940	(6,548)
TRANSFER TO CAPITAL FUND-REPLACEMENT				55,250				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				(21,858)				
				-				
ID #2 FUND BALANCE:								
ENDING FUNDS AVAILABLE 2018-2019	222,772							
TRANSFER TO CAPITAL FUND-REPLACEMENT	55,250							
TRANSFER FOR CAPITAL IMPROVEMENTS	(21,858)							
CAPITAL IMPROVEMENT-PLANT REMOVAL	-							
TOTAL FUNDS AVAILABLE	256,164							

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
<u>NON-POTABLE WATER DEPARTMENT</u>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	24,424	141,600	(117,176)	1,153,180	1,275,000	(121,820)	1,700,000	(546,820)
RECYCLED/ NON-POT WATER FIXED CHARGE	15,700	16,667	(967)	150,401	150,000	401	200,000	(49,599)
RECYCLED/NON-POTABLE PUMPING CHARGE	2,301	3,330	(1,029)	27,740	30,000	(2,260)	40,000	(12,260)
MISC INCOME	1,055	1,000	55	9,390	9,000	390	12,000	(2,610)
INSPECTION REVENUE	1,800	2,400	(600)	18,180	21,750	(3,570)	29,000	(10,820)
TOTAL NON-POTABLE REVENUE	45,280	164,997	(119,717)	1,358,891	1,485,750	(126,859)	1,981,000	(622,109)
OPERATING EXPENSES:								
RECYCLED/NON-POTABLE LABOR EXP	6,326	7,250	(924)	60,847	68,840	(7,993)	94,200	(33,353)
INSPECTION WAGES EXPENSE	1,644	1,650	(6)	15,858	15,600	258	21,300	(5,442)
PAYROLL TAXES EXP	126	150	(24)	1,408	1,380	28	1,900	(492)
EMPLOYEE BENEFITS-INS	615	950	(335)	4,952	8,550	(3,598)	11,400	(6,448)
EMPLOYEE BENEFITS-RETIREMENT	968	1,050	(82)	8,537	9,450	(913)	12,600	(4,063)
MILEAGE EXP	29	17	12	507	150	357	200	307
OVERTIME EXP	1,743	517	1,226	15,243	4,650	10,593	6,200	9,043
VACATION EXP	156	467	(311)	1,405	4,200	(2,795)	5,600	(4,195)
SCADA SYS EXP	-	1,250	(1,250)	4,132	11,250	(7,118)	15,000	(10,868)
LABORATORY TESTING COSTS	-	250	(250)	-	2,250	(2,250)	3,000	(3,000)
EQUIPMENT REPAIRS & MAINT.	9,525	8,333	1,192	91,439	75,000	16,439	100,000	(8,561)
NONPOTABLE WATER LINE REPAIR	-	8,333	(8,333)	-	75,000	(75,000)	100,000	(100,000)
SECURITY AND ALARM EXP	-	158	(158)	-	1,425	(1,425)	1,900	(1,900)
PROPERTY MAINTENANCE	-	417	(417)	2,609	3,750	(1,141)	5,000	(2,391)
ENERGY COSTS	13,036	20,833	(7,797)	173,243	187,500	(14,257)	250,000	(76,757)
CONSUMABLE SUPPLIES EXP	136	83	53	2,005	750	1,255	1,000	1,005
CHEMICALS, LUBRICANTS & FUELS	263	292	(29)	4,099	2,625	1,474	3,500	599
PERMITS AND FEES EXP	-	500	(500)	7,561	4,500	3,061	6,000	1,561
SERVICE METERS AND PARTS COSTS	-	583	(583)	-	5,250	(5,250)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	333	(333)	-	3,000	(3,000)	4,000	(4,000)
MISC OPERATING EXP	-	42	(42)	-	375	(375)	500	(500)
BAD DEBT	-	133	(133)	-	1,200	(1,200)	1,600	(1,600)
CONTINGENCIES	-	2,250	(2,250)	-	20,250	(20,250)	27,000	(27,000)
TOTAL OPERATING EXPENSES	34,567	55,842	(21,275)	393,845	506,945	(113,100)	678,900	(285,055)

**TEMESCAL VALLEY WATER DISTRICT
REVENUE AND EXPENDITURES/BUDGET
For Nine Months ending March 31, 2020**

	MARCH			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2019-2020	REMAINING
ADMINISTRATIVE EXPENSES:								
CONTRACT MANAGEMENT	5,387	5,313	75	47,072	47,813	(741)	63,750	(16,678)
GENERAL ENGINEERING/ PLAN CHECK EXP	-	833	(833)	1,327	7,500	(6,173)	10,000	(8,673)
INSPECTION / PLAN CHECK EXP	-	500	(500)	-	4,500	(4,500)	6,000	(6,000)
EMPLOYEE BENEFITS-INS	1,180	1,025	155	10,474	9,225	1,249	12,300	(1,826)
EMPLOYEE BENEFITS-RETIREMENT	1,449	1,275	174	12,355	11,475	880	15,300	(2,945)
WAGES EXPENSE	7,596	9,083	(1,487)	73,006	81,750	(8,744)	109,000	(35,994)
VACATION EXP	199	640	(441)	1,797	5,775	(3,978)	7,700	(5,903)
MILEAGE EXP	73	17	56	73	150	(77)	200	(127)
OVERTIME EXP	-	42	(42)	-	375	(375)	500	(500)
PAYROLL TAX EXPENSE	134	150	(16)	1,377	1,350	27	1,800	(423)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSE	-	417	(417)	813	3,750	(2,937)	5,000	(4,187)
AUDIT EXP	-	-	-	-	-	-	4,500	(4,500)
BOARD FEES EXP	264	625	(361)	2,560	5,625	(3,065)	7,500	(4,940)
ELECTION EXP	-	-	-	-	-	-	2,500	(2,500)
COMPUTER SYSTEMS EXP	1,384	833	551	8,444	7,500	944	10,000	(1,556)
BANK CHARGES	1,141	1,250	(109)	12,730	11,250	1,480	15,000	(2,270)
MISC & EDUCATION EXP	-	83	(83)	397	750	(353)	1,000	(603)
TELEPHONE EXP	320	583	(263)	6,853	5,250	1,603	7,000	(147)
OFFICE SUPPLIES	569	417	152	5,036	3,750	1,286	5,000	36
PRINTING EXP	-	250	(250)	-	2,250	(2,250)	3,000	(3,000)
POSTAGE EXP	1,025	833	192	6,075	7,500	(1,425)	10,000	(3,925)
PUBLICATION EXP	-	167	(167)	23	1,500	(1,477)	2,000	(1,977)
EQUIPMENT LEASE EXP	445	375	70	3,603	3,375	228	4,500	(897)
INSURANCE EXPENSE	3,910	1,458	2,452	13,111	13,125	(14)	17,500	(4,389)
ANNUAL ASSESSMENT EXP	-	250	(250)	-	2,250	(2,250)	3,000	(3,000)
INVESTMENT EXPENSE	-	250	(250)	1,772	2,250	(478)	3,000	(1,228)
COMMUNITY OUTREACH EXP	-	400	(400)	1,975	3,600	(1,625)	4,800	(2,825)
TOTAL ADMINISTRATIVE EXPENSES	25,076	27,069	(1,993)	210,873	243,638	(32,765)	333,850	(122,977)
TOTAL NON-POTABLE OPERATING EXPENSES	59,643	82,911	(23,268)	604,718	750,583	(145,865)	1,012,750	(408,032)
NET OPERATING REVENUE/EXPENSE	(14,363)	82,086	(96,449)	754,173	735,168	19,006	968,250	(214,077)
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	3,080	1,900	1,180	33,648	17,250	16,398	23,000	10,648
TOTAL NON-OP SOURCE OF FUNDS	3,080	1,900	1,180	33,648	17,250	16,398	23,000	10,648
TOTAL REVENUE/EXPENSE	(11,283)	83,986	(95,269)	787,821	752,418	35,404	991,250	(203,429)
TRANSFER TO CAPITAL FUND-REPLACEMENT				253,917				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				533,904				
CONNECTION FEES				18,967				
				-				
NON-POTABLE FUND BALANCE:								
ENDING FUNDS AVAILABLE 2018-2019	3,424,313							
TRANSFER FOR CAPITAL FUND REPLACEMENT	253,917							
TRANSFER FOR CAPITAL IMPROVEMENTS	552,871							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(674,355)							
TOTAL FUNDS AVAILABLE	3,556,746							

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

In Process
Not Started

Capital Projects FY 2019/2020 Maintenance/ General Projects	CIP #	Eng #1401.*	Total Cost	Source of Funding			Previous YR	AS OF MARCH 2020 EXPENDITURES YEAR TO DATE			Total YTD	Variance
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Computer and Software Upgrades	G-1-2019		\$ 25,000	\$ 10,000	\$ 8,750	\$ 6,250		\$ 1,552	\$ 1,358	\$ 969	\$ 3,879	\$ 21,121
General Building Improvements	G-2-2019		\$ 80,000	\$ 32,000	\$ 28,000	\$ 20,000	\$ -	\$ 8,292	\$ -	\$ -	\$ 8,292	\$ 71,708
Backhoe	P-1-2019		\$ 105,000	\$ 30,000	\$ 30,000	\$ 30,000		\$ 35,000	\$ 35,000	\$ 34,935	\$ 104,935	\$ 65
Trilogy Reservoir Rehab Interior/Exterior	W-1-2019	1907	\$ 524,400	\$ -	\$ 524,400	\$ -	\$ 2,200	\$ -	\$ 24,422	\$ -	\$ 24,422	\$ 497,778
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	\$ -	\$ -	\$ 29,201	\$ 10,799
Convert to Recycled			\$ 135,000	\$ -	\$ 75,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
Forest Boundary Potable Water Looping	W-2-2019	1906	\$ 480,000	\$ -	\$ 480,000			\$ -	\$ 26,217	\$ -	\$ 26,217	\$ 453,783
Recycled and Non-potable Pipeline extentions	NP-2018		\$ 775,000	\$ -	\$ -	\$ 775,000	\$ -	\$ -	\$ -	\$ 26,510	\$ 26,510	\$ 748,490
I-15 AG Line Repair			\$ 297,479	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ 297,479	\$ 297,479	\$ -
SUBTOTAL			\$ 2,561,879	\$ 97,000	\$ 1,146,150	\$ 1,206,250	\$ 2,200	\$ 74,045	\$ 86,997	\$ 359,893	\$ 520,935	\$ 2,038,744

Multiple Fiscal Year Projects	CIP #	Eng #1401.*	Total Cost	Source of Funding			Previous YR	YEAR TO DATE			Total YTD	Variance
				Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Well Cleaning and Rehab			\$ 125,000	\$ -	\$ 50,000	\$ 75,000	\$ 106,030	\$ -	\$ 36,014	\$ 54,022	\$ 90,036	\$ (71,066)
Park Canyon RW Design and Easements			\$ 90,000	\$ -	\$ -	\$ 90,000	\$ 17,074	\$ -	\$ -	\$ -	\$ -	\$ 72,926
Water System Master Plan		1811	\$ 20,000	\$ -	\$ 20,000	\$ -	\$ 15,595	\$ -	\$ -	\$ -	\$ -	\$ 4,405
Sewer System Master Plan		1815	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 12,670	\$ 43,552	\$ -	\$ -	\$ 43,552	\$ 43,778
Non-Potable Recycled Water Master Plan		1812	\$ 30,000	\$ -	\$ -	\$ 30,000	\$ 29,985	\$ -	\$ -	\$ -	\$ -	\$ 15
New Energy Saving Plant Lighting			\$ 52,000	\$ 52,000	\$ -	\$ -	\$ 42,185	\$ -	\$ -	\$ -	\$ -	\$ 9,815
Air Actuator valves			\$ 42,000	\$ 42,000	\$ -	\$ -	\$ 21,984	\$ -	\$ -	\$ -	\$ -	\$ 20,016
Upgrade STP PLCs			\$ 250,000	\$ 100,000	\$ 87,500	\$ 62,500	\$ 229,729	\$ 3,150	\$ -	\$ -	\$ 3,150	\$ 17,121
WRF 225,000 GPD Upgrade (SBR Controls)	S-1-2015		\$ 1,230,000	\$ 1,230,000	\$ -	\$ -	\$ 283,140	\$ 804,236	\$ -	\$ -	\$ 804,236	\$ 142,624
WRF 225,000 GPD Expansion (District Share)	S-1-2015		\$ 5,506,613	\$ 5,506,613	\$ -	\$ -	\$ 82,334	\$ 792,365	\$ -	\$ -	\$ 792,365	\$ 4,631,914
GIS Mapping - Water Sewer RW pipelines and facilities		1904/1905	\$ 171,700	\$ 66,000	\$ 66,000	\$ 39,700	\$ 136,086	\$ 8,561	\$ 2,392	\$ -	\$ 10,953	\$ 24,661
Well Replacement			\$ 300,000	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ 75,663	\$ 75,663	\$ 224,337
Groundwater Study and Development (inc GSA)			\$ 503,000	\$ -	\$ 135,000	\$ 368,000	\$ 131,140	\$ -	\$ 184,777	\$ 184,777	\$ 369,554	\$ 2,306
Alternate Tertiary Percolation Area			\$ 320,000	\$ 300,000	\$ -	\$ 20,000	\$ 190,682	\$ -	\$ -	\$ -	\$ -	\$ 129,318
Dawson Canyon Potable Reservoir Design	W-1-2015	1810	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 131,540	\$ -	\$ 68,741	\$ -	\$ 68,741	\$ (281)
Dawson Canyon 5 MG Potable Reservoir Construction	W-1-2015		\$ 5,770,000		\$ 5,770,000							\$ 5,770,000
COR Temescal Cyn Rd widening - pipeline relocation.			\$ 500,000	\$ -	\$ 250,000	\$ 250,000	\$ 388,316	\$ -	\$ -	\$ -		\$ 111,684
SUBTOTAL			\$ 15,210,313	\$ 7,396,613	\$ 6,578,500	\$ 1,235,200	\$ 1,818,490	\$ 1,651,864	\$ 291,924	\$ 314,462	\$ 2,258,250	\$ 11,133,573

TOTAL	\$ 17,772,192	\$ 7,493,613	\$ 7,724,650	\$ 2,441,450	\$ 1,820,690	\$ 1,725,909	\$ 378,921	\$ 674,355	\$ 2,779,185	\$ 13,172,317
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TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 1
Financing Authority
(Sycamore Creek)
3/31/2020

Special Tax Fund (Acct #105636-009)
Account Balance at Wilmington Trust \$ 572,636.80

BONDS PR ACCT (Acct # 105636-010)
Account Balance at Wilmington Trust 100.89

Administrative Expense Fund(Acct #105636-011)
Account Balance at Wilmington Trust 8.23

Surplus Fund (Acct #105636-012)
Account Balance at Wilmington Trust 1,476,857.36

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 2
Financing Authority
(Montecito Ranch)
3/31/2020

Special Tax Fund (Acct #105636-014)
Account Balance at Wilmington Trust \$ 104,526.55

BONDS PR ACCT (Acct # 105636-015)
Account Balance at Wilmington Trust 12.87

Administrative Expense Fund(Acct #105636-016)
Account Balance at Wilmington Trust 4.72

Surplus Fund (Acct #105636-017)
Account Balance at Wilmington Trust 345,778.57

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

TOTAL \$ 450,322.71

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 3
Financing Authority
(The Retreat)
1/31/2020

Special Tax Fund (Acct #105636-019)
Account Balance at Wilmington Trust \$ 488,322.00

BONDS PR ACCT (Acct # 105636-020)
Account Balance at Wilmington Trust 74.95

Administrative Expense Fund(Acct #105636-021)
Account Balance at Wilmington Trust 8.23

Surplus Fund (Acct #105636-022)
Account Balance at Wilmington Trust 903,361.78

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

TOTAL **\$ 1,391,766.96**

**TEMESCAL VALLEY WATER DISTRICT
Community Facilities District
Financing Authority**

3/31/2020

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	-
- Lien Interest A/C (Acct #105636-001)		2,768.83
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		2,263,789.83
- Reserve Fund CFD #2 (Acct #105636-005)		276,134.27
- Reserve Fund CFD #3 (Acct #105636-006)		1,495,900.02
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	0.01
- Lien Interest A/C (Acct #105639-001)		864.79
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		619,201.06
- Reserve Fund CFD #2 (Acct #105639-005)		100,199.31
- Reserve Fund CFD #3 (Acct #105639-006)		540,995.39
TOTAL		
	\$	-

TEMESCAL VALLEY WATER DISTRICT
Community Facilities District No. 4
Financing Authority
(Terramor)
3/31/2020

Special Tax Fund (Acct #133306-001)
Account Balance at Wilmington Trust \$ 295,671.35

Interest Acct (Acct #133306-002)
Account Balance at Wilmington Trust 18.42

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

Administrative Expense Fund(Acct #133306-004)
Account Balance at Wilmington Trust 45,990.72

Reserve fund Fund (Acct #133306-005)
Account Balance at Wilmington Trust -

Surplus Fund (Acct #133306-006)
Account Balance at Wilmington Trust 20,572.62

Redemption fund (Acct #133306-007)
Account Balance at Wilmington Trust -

Construction fund (Acct #133306-008)
Account Balance at Wilmington Trust 8,738,983.86

Cost of Issuance (Acct #133306-009)
Account Balance at Wilmington Trust -

TOTAL \$ 9,101,236.97



PMIA/LAIF Performance Report as of 04/15/20



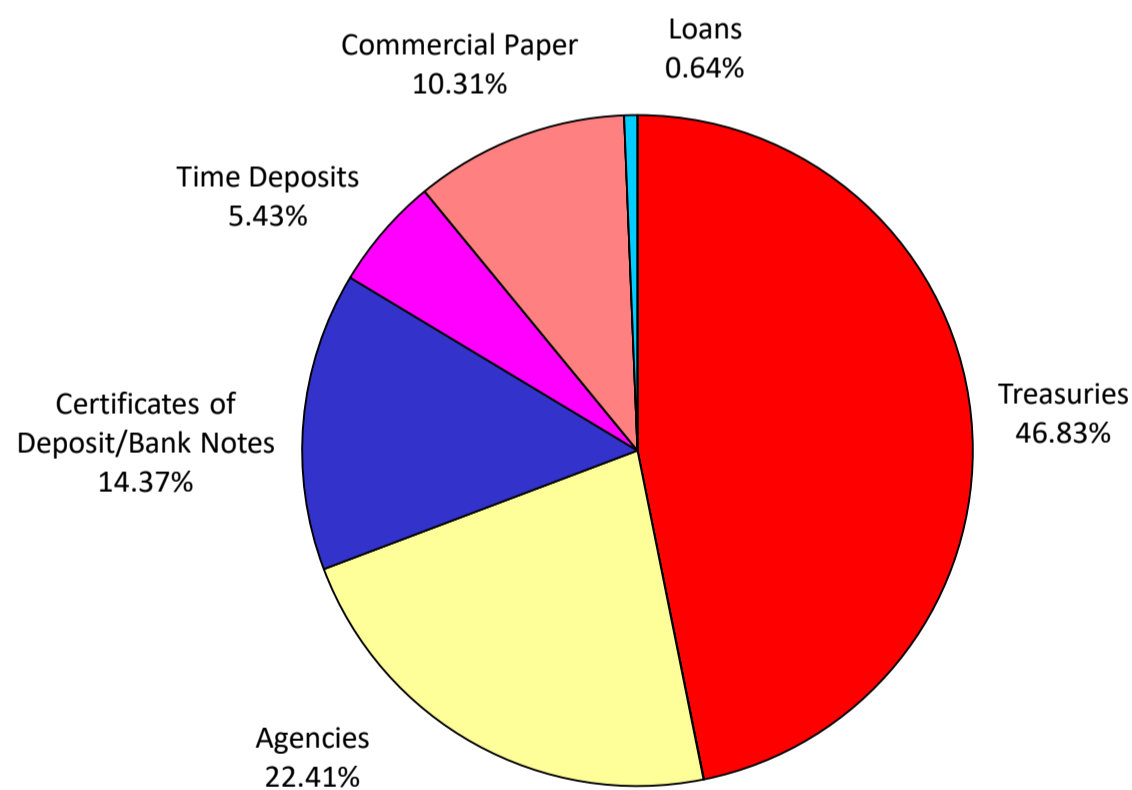
PMIA Average Monthly Effective Yields⁽¹⁾

Mar	1.787
Feb	1.912
Jan	1.967

LAIF Quarterly Performance Quarter Ended 03/31/20

Apportionment Rate ⁽²⁾ :	2.03
Earnings Ratio ⁽²⁾ :	0.00005535460693046
Fair Value Factor ⁽¹⁾ :	1.007481015
Daily ⁽¹⁾ :	1.73%
Quarter to Date ⁽¹⁾ :	1.89%
Average Life ⁽¹⁾ :	208

Pooled Money Investment Account Portfolio Composition ⁽¹⁾ 03/31/20 \$98.1billion



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

ANNUAL FINANCIAL REPORT

For the Fiscal Years Ended
June 30, 2019 and 2018

Temescal Valley Water District
Table of Contents
June 30, 2019 and 2018

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INDEPENDENT AUDITOR'S REPORT

Board of Directors
Temescal Valley Water District
Corona, California

Report on the Financial Statements

We have audited the accompanying financial statements of the business-type activities and the aggregate remaining fund information of the Temescal Valley Water District (the "District"), as of and for the years ended June 30, 2019 and 2018, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the business-type activities and the aggregate remaining fund information of the Temescal Valley Water District, as of June 30, 2019 and 2018, and the changes in financial position, and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and other required supplementary information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued a report dated April 22, 2020, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.



April 22, 2020

TEMESCAL VALLEY WATER DISTRICT
Management's Discussion and Analysis
June 30, 2019

Our discussion and analysis of Temescal Valley Water District's (the "District") financial performance provides an overview of the District's financial activities for the fiscal year ended June 30, 2019. Please read it in conjunction with the District's financial statements, which begin on page 12.

Financial Highlights

- The District's Net Position increased \$4,414,832 or 4.7 percent in the current year as a result of \$1,926,025 from operations, \$1,180,479 from connection fees and \$ 1,308,328 from contributed capital and other fees.
- Current assets and other restricted assets increased by \$4,326,949 mainly due to the net effect of an increase in current assets.
- Current year operating revenues increased by \$418,584 due to connection fees. While operating expenses increased by \$ 306,655 due mainly to higher various costs and repairs.
- Capital asset contributions received from developers were \$319,596 in the current year and \$9,080,543 in the prior year, due to no granting of completed facilities within housing developments in the District's service area.
- Total revenues were \$12.2 million and \$ 11.8 million and total expenses were \$ 9.1 million and \$8.8 million for the current year and prior year, respectively.
- See accompanying charts for revenue and expense details, as well as capital expenditures.

Using This Annual Report

This annual report consists of a series of financial statements. The statements of net position and statements of revenues, expenses, and changes in net position (on pages 12 through 15) provide information about the activities of the District as a whole and present a longer-term view of the District's finances.

Reporting on the District as a Whole

Our analysis of the District as a whole begins on page 4. One of the most important questions asked about the District's finances is, "Is the District as a whole better off or worse off as a result of the year's activities?" The statements of net position and the statements of revenues, expenses, and changes in net position, report information about the District as a whole and about its activities in a way that helps answer this question. These statements include all assets and liabilities using the accrual basis of accounting, which is similar to the accounting used by most private-sector companies. All of the current year's revenues and expenses are taken into account regardless of when cash is received or paid.

TEMESCAL VALLEY WATER DISTRICT
Management's Discussion and Analysis
(Continued)
June 30, 2019

These financial statements report the District's net position and changes in them. You can think of the District's net position – the difference between assets and liabilities – as one way to measure the District's financial health or financial position. Over time, increases or decreases in the District's net position are one indicator of whether its financial health is improving or deteriorating. You will need to consider other non financial factors, such as changes in the District's property tax base and the condition of the District's water and sewer facilities, to assess the overall health of the District.

The District reports in the statements of net position and the statements of revenues expenses, and changes in net position two types of activities, water and sewer services. All District activities are reported in these statements.

The District as a Whole

The District's net position increased to \$81.1 million from \$78.6 million. Our analysis below focuses on the net position (Table 1) and the changes in net position (Table 2) of the District's activities.

Table 1
Net Position (in Millions)
June 30

	2019	2018	2017
Capital assets	\$70.3	\$ 69.9	\$ 62.1
Current and other restricted assets	31.1	26.8	22.5
Total assets	<u>101.4</u>	<u>84.6</u>	<u>84.6</u>
Deferred Outflows of Resources	<u>.2</u>	<u>.2</u>	<u>.2</u>
Current Liabilities	2.2	1.6	1.5
Noncurrent Liabilities	1.5	1.7	2.1
Total liabilities	<u>3.6</u>	<u>3.3</u>	<u>3.6</u>
Deferred Inflows of Resources	<u>0</u>	<u>0</u>	<u>0</u>
Net Position			
Net Investment in Capital Assets	<u>68.8</u>	<u>68.2</u>	<u>59.2</u>
Unrestricted	<u>29.1</u>	<u>25.3</u>	<u>21.9</u>
Total net position	<u>\$97.9</u>	<u>\$93.5</u>	<u>\$81.1</u>

The net position increased by \$4,414,832 in 2019, \$12,429,642 in 2018 and \$2,464,849 in 2017. Unrestricted net position (the part of net position that can be used to finance day-to-day operations without constraints established by debt covenants, enabling legislation, or other legal requirements) increased by \$3,776,684. This increase arose from higher operating income and less funds invested in capital assets.

TEMESCAL VALLEY WATER DISTRICT
Management's Discussion and Analysis
(Continued)
June 30, 2019

Table 2
Changes in Net Position (in millions)
June 30

	<u>2019</u>	<u>2018</u>	<u>2017</u>
Operating revenues	\$ 12.2	\$11.8	\$10.8
Operating expenses	<u>9.1</u>	<u>8.8</u>	<u>8.6</u>
Operating income (loss)	3.1	3.0	2.2
Non-operating revenues, net	1.0	.3	.2
Capital contributions	<u>.3</u>	<u>9.1</u>	<u>-</u>
Change in net position	<u>\$4.4</u>	<u>\$12.4</u>	<u>\$2.4</u>

The District's operating revenues increased over prior year by 3.9 percent. Operating expenses increased by 3.7 percent. The factors driving these results include:

- Operating revenues increased by an increase in connection fees of \$633,000. Operating expenses increased by increase in various expenses of \$306,655.
- The District had 5,387 active water services at June 30, 2019 as compared to 5,076 active services at June 30, 2018 and 4,831 active services at June 30, 2017. This represents a net increase of 6.1 percent.
- Capital asset contributions by developers were \$319,596 in 2019, \$9,080,543 in 2018, and zero in 2017 . This is a result of the completion and dedication of new water and sewer facilities within the new housing developments inside the District.

Capital Assets and Debt Administration

Capital Assets

At the end of fiscal year 2019, the District had \$70.3 million invested in a broad range of capital assets including land, water reclamation facilities, reservoirs, water transportation facilities, water and sewer mains, and sewage collection, treatment, and disposal systems, and buildings and equipment (see Table 3 below).

TEMESCAL VALLEY WATER DISTRICT
Management's Discussion and Analysis
(Continued)
June 30, 2019

Table 3
Capital Assets at Year-End (in millions)
June 30

	2019	2018	2017
Land	\$.9	\$.9	\$.9
Water capacity rights	13.5	13.5	13.5
Construction in progress	.6	2.7	2.6
Capital assets (net of depreciation)	55.3	52.8	44.2
	\$ 70.3	\$ 69.9	\$ 61.2

Debt

At June 30, 2019, the District had \$1,387,639 in long-term debt.

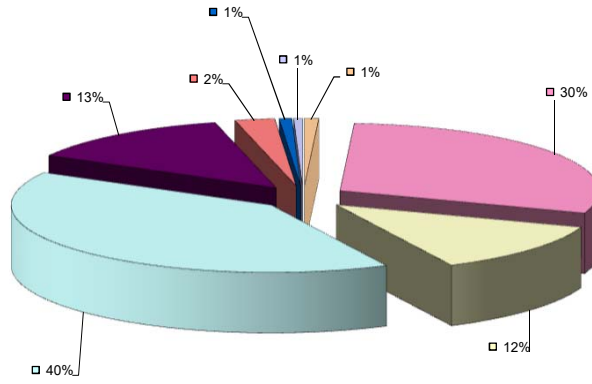
Factors Bearing on the District's Future

The District is currently experiencing very little growth in residential housing within its service area. In the 2018-2019 fiscal year, the customer base increased only by 6.1 percent. New and planned residential communities totaling approximately 1,490 residences are projected to be completed in the future. This new growth will increase the size of the District's customer base. These planned residential communities are in various stages of construction and planning. As water and sewer facilities are completed and accepted by the District, the facilities will become part of the District's capital assets and subject to operation by the District.

Contacting the District's Financial Management

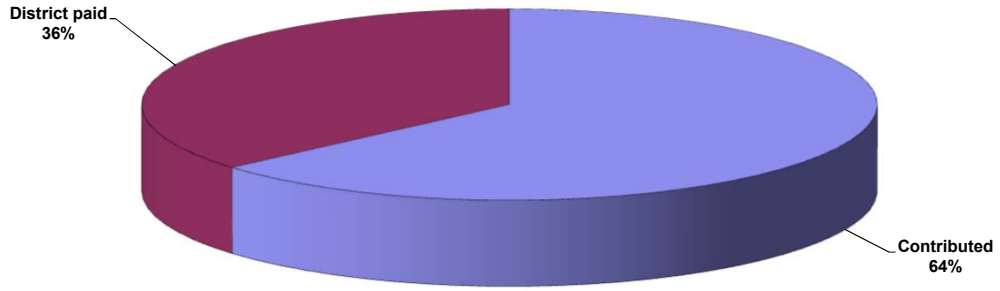
The financial report is designed to provide our citizens, taxpayers, and customers with a general overview of the District's finances and to show the District's accountability for the money it receives. If you have questions about this report or need additional financial information, contact the Finance Manager at: Temescal Valley Water District, 22646 Temescal Canyon Road, Temescal Canyon, California 92883.

**Temescal Valley Water District
Capital Assets
June 30, 2019**

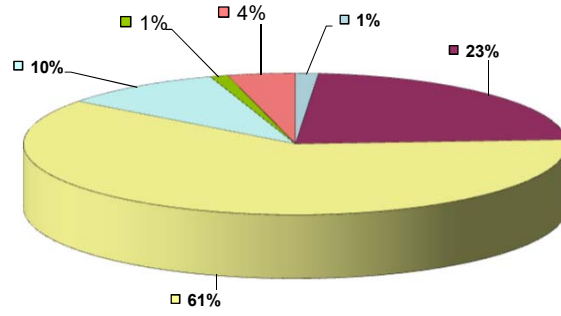


- Land
- Water reclamation facility
- Reservoirs & water transportation facilities
- Water, sewer & recycled mains
- Water capacity rights
- Equipment
- Office building improvements
- Construction in progress

**Temescal Valley Water District
Percentage of Capital Assets Contributed
June 30, 2019**

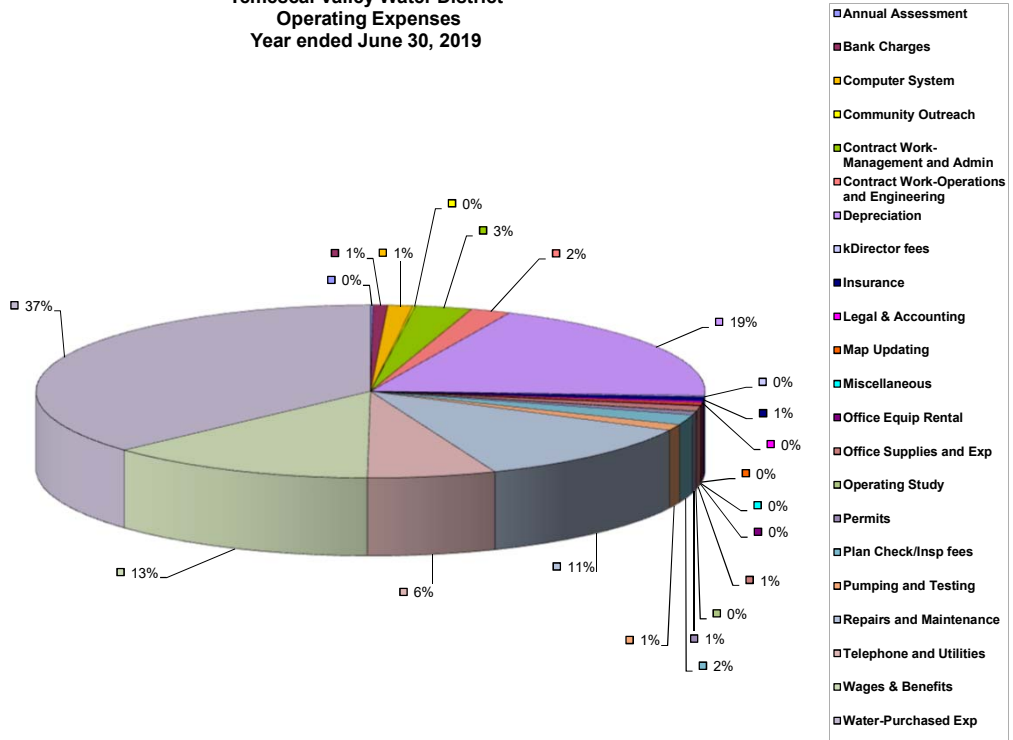


**Temescal Valley Water District
Operating Revenue
Year ended June 30, 2019**

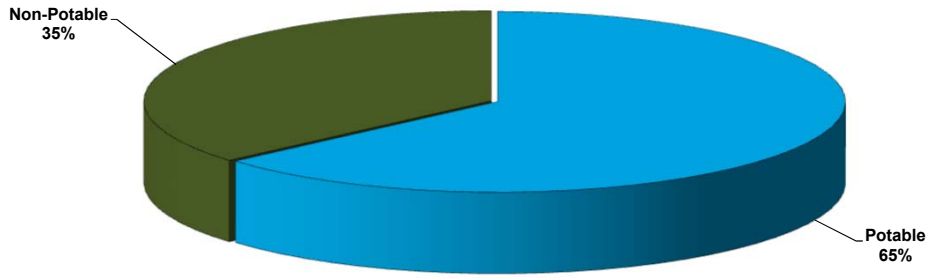


Standby charges	Sewer service fees
Water & Nonpotable sales and fees	Connection fees
Service Meter Income	Property Taxes / Int Inc/ Other

**Temescal Valley Water District
Operating Expenses
Year ended June 30, 2019**



**Temescal Valley Water District
Water Volume Sold
For F/Y 2018-2019**



BASIC FINANCIAL STATEMENTS

Temescal Valley Water District
Statement of Net Position
June 30, 2019 and 2018

	2019	2018
ASSETS		
Current Assets:		
Cash and Cash Equivalents	\$ 28,755,905	\$ 24,486,580
Accounts Receivable:		
Utility	982,159	974,613
Other	215,924	248,541
Accrued Interest Receivable	93,536	30,313
Prepaid Expenses	33,546	34,484
Inventory	56,420	86,481
Total Current Assets	30,137,490	25,861,012
Noncurrent Assets:		
Restricted Cash and Cash Equivalents	1,028,303	977,832
Capital Assets Not Being Depreciated:		
Land	902,118	902,118
Water Capacity Rights	13,503,639	13,503,639
Construction in Progress	551,789	2,712,411
Capital Assets, Net of Accumulated Depreciation	55,325,328	52,807,132
Total Noncurrent Assets	71,311,177	70,903,132
Total Assets	101,448,667	96,764,144
DEFERRED OUTFLOWS OF RESOURCES		
Deferred Pension Related Items	166,032	197,154
LIABILITIES		
Current Liabilities:		
Accounts Payable	364,526	197,468
Payable to Other Governmental Agencies	566,735	359,239
Due to Agency Fund	313,397	314,154
Accrued Salaries and Refunds	44,339	45,499
Related Party Payable	170,900	68,833
Excess Sewer Capacity Deposits	98,613	98,330
Other Deposits	616,293	565,348
Total Current Liabilities	2,174,803	1,648,871
Noncurrent Liabilities:		
Net Pension Liability	76,754	79,781
Loan Payable	1,387,639	1,668,213
Total Noncurrent Liabilities	1,464,393	1,747,994
Total Liabilities	3,639,196	3,396,865
DEFERRED INFLOWS OF RESOURCES		
Deferred Pension Related Items	-	3,762
NET POSITION		
Net Investment in Capital Assets	68,895,235	68,257,087
Unrestricted	29,080,268	25,303,584
Total Net Position	\$ 97,975,503	\$ 93,560,671

The accompanying notes are an integral part of this statement.

Temescal Valley Water District
Statement of Revenues, Expenses and Changes in Net Position
For the Years Ended June 30, 2019 and 2018

	2019	2018
OPERATING REVENUES		
Standby Charges	\$ 166,616	\$ 135,166
Sewer Service Fees	2,772,855	2,723,145
Water Service Fees	7,482,518	7,748,881
Connection Fees	1,180,479	547,476
Service Meter Income	129,428	78,350
Other	490,607	570,901
Total Operating Revenues	12,222,503	11,803,919
OPERATING EXPENSES		
Annual Assessment Processing	11,376	11,417
Bank Charges	64,111	54,004
Computer System	110,684	75,632
Community Outreach	10,546	11,599
Contract Work - Management and Administrative	250,444	257,320
Contract Work - Operations and Engineering	176,770	130,189
Depreciation and Amortization	1,725,289	1,506,561
Director Fees	21,194	13,254
Insurance	72,718	57,594
Legal and Accounting	31,396	24,425
Map Updating	34,628	65,272
Miscellaneous	2,936	6,607
Office Equipment Rental	16,859	17,096
Office Supplies and Expenses	81,987	91,104
Operating Study	11,080	14,464
Permits	60,707	54,162
Plan Check/Inspection Fees and Studies	170,919	5,735
Pumping and Testing	103,866	91,212
Repairs, Maintenance, and Supplies	1,048,073	955,542
Telephone and Utilities	565,501	575,121
Wages, Employee Benefits, and Payroll Taxes	1,183,309	993,615
Water - Purchased	3,361,606	3,797,419
Total Operating Expenses	9,115,999	8,809,344
Operating Income (Loss)	3,106,504	2,994,575
NON-OPERATING REVENUES (EXPENSES)		
Property Taxes	99,055	163,026
Interest Income	783,832	100,481
Other	105,845	91,017
Total Non-Operating Revenues (Expenses)	988,732	354,524
Capital Contributions	319,596	9,080,543
Change in Net Position	4,414,832	12,429,642
Net Position - Beginning of Year	93,560,671	81,131,029
Net Position - End of Year	\$ 97,975,503	\$ 93,560,671

The accompanying notes are an integral part of this statement.

Temescal Valley Water District
Statement of Cash Flows
For the Years Ended June 30, 2019 and 2018

	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES		
Receipts from Customers	\$ 12,247,574	\$ 11,886,410
Payments to Employees	(1,160,136)	(947,483)
Payments to Suppliers	(5,699,781)	(6,361,887)
Other Revenue	105,845	91,017
Net Cash Provided (Used) By Operating Activities	5,493,502	4,668,057
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES		
Property Taxes	99,055	163,026
Net Cash Provided (Used) by Noncapital Financing Activities	99,055	163,026
CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES		
Principal Payments on Loans	(280,574)	(359,109)
Purchases of Capital Assets	(1,763,267)	(1,095,936)
Net Cash Provided (Used) By Capital and Related Financing Activities	(2,043,841)	(1,455,045)
CASH FLOWS FROM INVESTING ACTIVITIES		
Interest on Cash and Cash Equivalents	720,609	80,222
Net Cash (Used) Provided By Investing Activities	720,609	80,222
Net (Decrease) Increase in Cash and Cash Equivalents	4,269,325	3,456,260
Cash and Cash Equivalents - Beginning of Year	24,486,580	21,030,320
Cash and Cash Equivalents - End of Year	\$ 28,755,905	\$ 24,486,580

The accompanying notes are an integral part of this statement.

Temescal Valley Water District
Statement of Cash Flows - Continued
For the Years Ended June 30, 2019 and 2018

	2019	2018
RECONCILIATION OF OPERATING INCOME (LOSS) TO NET CASH PROVIDED BY OPERATING ACTIVITIES		
Operating Income (Loss)	\$ 3,106,504	\$ 2,994,575
Adjustments to Reconcile Operating Income (Loss) to Net Cash Provided by Operating Activities:		
Depreciation and Amortization	1,725,289	1,506,561
Other Revenue	105,845	91,017
Change in Assets and Liabilities:		
(Increase) Decrease in Accounts Receivable:		
Utility	(7,546)	105,425
Other	32,617	(22,934)
(Increase) Decrease in Prepays	938	(8,887)
(Increase) Decrease in Inventory	30,061	(25,333)
(Increase) Decrease in Deferred Outflows Related to Pensions	31,122	43,186
Increase (Decrease) in Accounts Payable	167,058	(80,238)
Increase (Decrease) in Payable to Other Governmental Agencies	207,496	59,425
Increase (Decrease) in Accrued Salaries and Refunds	(1,160)	(6,313)
Increase (Decrease) in Net Pension Liability	(3,027)	29,063
Increase (Decrease) in Deferred Inflows Related to Pensions	(3,762)	(19,804)
Increase (Decrease) in Related Party Payable	102,067	2,314
Net Cash Provided By Operating Activities	\$ 5,493,502	\$ 4,668,057
SCHEDULE OF NON-CASH CAPITAL AND RELATED FINANCING ACTIVITIES		
Contributed Capital Assets	\$ 319,596	\$ 9,080,543

The accompanying notes are an integral part of this statement.

Temescal Valley Water District
Statements of Fiduciary Assets and Liabilities
Agency Fund
June 30, 2019 and 2018

	2019	2018
ASSETS		
Cash and Investments with Fiscal Agent	\$ 19,160,855	\$ 11,890,439
Due from Water District	313,397	314,154
Total Assets	\$ 19,474,252	\$ 12,204,593
LIABILITIES		
Due to Bondholders	\$ 19,474,252	\$ 12,204,593
Total Liabilities	\$ 19,474,252	\$ 12,204,593

The accompanying notes are an integral part of this statement.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

1) REPORTING ENTITY AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Reporting Entity

The reporting entity includes the accounts of the Temescal Valley Water District (District) and the related improvement districts located within the service area of the District. The District is a special district created for the purpose of providing water, water treatment, and sewage disposal services to customers within its service area. The District has a contract to purchase a majority of its water from the Western Municipal Water District. As of July 1, 2015, the District, formerly named the Lee Lake Water District, officially changed its name to Temescal Valley Water District.

In a previous fiscal year, the District's Board of Directors ratified the formation of the Lee Lake Water District Financing Corporation, now titled the Temescal Valley Water District Financing Corporation, to facilitate the issuance of certificates of participation. The certificates may be issued to assist in the financing of costs of design and engineering of certain sewer system and water system improvements. Although the Financing Corporation qualifies as a component unit for inclusion within these financial statements, the certificates have not been issued and there has been no other activity to record in these financial statements to date.

The officers of the District and the date of expiration of terms of office are as follows:

Charles Colladay	President	November 2024
Paul Rodriguez	Vice President/Secretary	November 2021
Fred Myers	Board Member - Engineering Comm.	November 2021
John Butler	Board Member - Engineering Comm.	November 2021
David Harich	Board Member - Finance Comm.	November 2021

On April 23, 2013, the District and CFD No. 1 created the Lee Lake Public Financing Authority (Authority), through a joint exercise of powers agreement under Chapter 5 of Division 7 of Title 1 of the California Government Code (the "Act"). Article 4 of the Act authorizes and empowers the Authority to issue bonds and to purchase bonds issued by, or to make loans to, the District or CFD No. 1 for financing public capital improvements or projects as determined by the District or CFD No. 1. The Authority's Board consists of the five members of the District's Board of Directors. The General Manager of the District is designated as the Executive Director of the Authority. On July 18, 2013, the Authority issued Series A and B Revenue Bonds (Bonds) to refund outstanding special tax bonds previously issued by CFD No. 1, 2 and 3, as described in Note 8 of these financial statements. The Bonds do not represent obligations of the District, and the related balances and activity are reported in an agency fund in these financial statements.

Basis of Accounting and Measurement Focus

As a governmental agency, the District is subject to accounting and reporting standards established by the Governmental Accounting Standards Board (GASB). As the majority of revenues consist of water sales and related services, the District as a whole, for financial statements purposes, is classified as a proprietary fund. Separate financial statements are provided for the proprietary fund and the agency

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

1) REPORTING ENTITY AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Continued

fund. The District uses the accrual basis of accounting. The financial activities of the District are accounted for using the economic resources measurement focus. Under this method, all assets and liabilities associated with its operations are included on the statement of net position; revenues are recorded when earned and become measurable; and expenses are recorded when liabilities are incurred.

The District reports its water and sewer operations as a single enterprise fund. Additionally, the District reports an agency fund to account for money received by the District as an agent for individuals, other governments and other entities. Specifically, the District accounts for activities of the Public Financing Authority in the agency fund. The agency fund is reported using the accrual basis of accounting.

Cash and Cash Equivalents

For purposes of the statement of cash flows, the District considers all short-term debt securities purchased with an original maturity of three months or less to be cash equivalents. The District invests funds with the State of California Pooled Local Agency Investment Fund (LAIF). Due to the high liquidity of this investment, the funds are classified as a cash equivalent. Fair value in external investments pools such as LAIF are determined based on the District's pro rate share of the fair value of the Pool's underlying portfolio. Some of the cash and cash equivalents have been classified as restricted in accordance with applicable standards, and are not included in the statement of cash flows.

Inventory

Inventory consists of supplies and excess Equivalent Dwelling Units (EDUs) and is recorded at the lower of cost (first-in, first-out) or market.

Capital Assets

The District records the acquisition of capital assets and additions, improvements, and other capital outlays that significantly extend the life of an asset. Capital assets are defined by the District as assets with an initial, individual cost of more than \$5,000 and an estimated useful life in excess of one year. The reported value excludes normal maintenance and repairs which are essentially amounts spent in relation to capital assets that do not increase the capacity or efficiency of the item or extend its useful life beyond the original estimate.

Donated capital assets received prior to the implementation of GASB 72 were recorded at fair value on the date of donation. Donated capital assets received subsequent to the implementation of GASB 72 are recorded at acquisition value as of the date received. Capital assets purchased by the District are carried at cost. Assets are depreciated using the straight-line method of depreciation over their estimated useful lives ranging from five to fifty years.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

1) REPORTING ENTITY AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Continued

Revenue and Expenses

Revenues and expenses are distinguished between operating and nonoperating items. Operating revenues generally result from providing services in connection with the District's principal ongoing operations. The principal operating revenues of the District are fees in connection with providing water and sewer services to customers.

Operating expenses include the costs of providing water and sewer services, administrative expenses, and depreciation on capital assets. All revenue and expenses not meeting these definitions are reported as nonoperating revenues and expenses.

Property Taxes

Property taxes are assessed and collected each fiscal year according to the following property tax calendar:

Lien Date	March	
Levy Date	July 1 to June 30	
Due Date	November 1	1st Installment
	March 1	2nd Installment
Collection Date	December 10	1st Installment
	April 10	2nd Installment

The District assesses its property taxes through the County tax rolls. Property taxes are recognized as revenue in the period for which the taxes are levied.

Reclassification

Certain reclassifications have been made to prior fiscal year amounts to conform with the current fiscal year financial statement presentations.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures at the date of the financial statements and the reported amounts of revenues and expenses during the reported period. Actual results could differ from those estimates.

Deferred Outflows/Inflows of Resources

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents consumption of net position that applies to future period(s) and so will not be recognized as an outflow of resources (expense) until then. The District reports deferred outflows in accordance with GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

1) REPORTING ENTITY AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES - Continued

In addition to liabilities, the statement of financial position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The District reports deferred inflows in accordance with GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*.

Net Position

The difference between assets and liabilities is reported as net position. Net position is classified as either net investment in capital assets, restricted, or unrestricted.

Net investment in capital assets, consist of capital assets, net of accumulated depreciation and reduced by the outstanding principal of related debt. Restricted net position reflects the carrying value of assets less related liabilities that have external constraints placed on them by creditors, grantors, contributors, laws, or regulations of other governments, or through constitutional provisions, or enabling legislation. Unrestricted net position represents the remaining fund equity balance.

Net Position Flow Assumption

Sometimes the District will fund outlays for a particular purpose from both restricted (e.g. restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the statement of net position, a flow assumption must be made about the order in which the resources are considered to be applied.

It is the District's policy to consider restricted net position to have been depleted before unrestricted net position.

Pension Plan

For purposes of measuring the net pension liability and deferred outflows/inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the District's California Public Employees' Retirement System (CalPERS) plan (Plan) and additions to/deductions from the Plan's fiduciary net position have been determined on the same basis as they are reported by CalPERS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

2) CASH AND INVESTMENTS

Cash and investments as of June 30, 2019 and June 30, 2018 are classified in the accompanying financial statements as follows:

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

2) CASH AND INVESTMENTS - Continued

	2019	2018
Statement of Net Position:		
Cash and Cash Equivalents	\$ 28,755,905	\$ 24,486,580
Restricted Cash and Cash Equivalents	1,028,303	977,832
Total Cash and Investments - Statement of Net Position	\$ 29,784,208	\$ 25,464,412
Statement of Fiduciary Assets and Liabilities:		
Cash and Investments with Fiscal Agent	\$ 19,160,855	\$ 11,890,439

Cash and investments as of June 30, 2019 and June 30, 2018 consist of the following:

	2019	2018
Cash on Hand	\$ 400	\$ 400
Deposits with Financial Institutions	4,691,915	5,998,555
Investments	25,091,893	19,465,457
Total Cash and Investments - Statement of Net Position	\$ 29,784,208	\$ 25,464,412
Cash and Investments with Fiscal Agent		
Deposits with Financial Institutions	\$ 44,043	\$ -
Money Market Mutual Funds	19,116,812	11,890,439
Total Cash and Investments with Fiscal Agent	\$ 19,160,855	\$ 11,890,439

Investments Authorized by the District's Investment Policy

The table below identifies the investment types that are authorized by the District's investment policy, which is in accordance with the California Government Code. This table does not address investments of debt proceeds held by bond trustees that are governed by the provisions of debt agreements of the District, rather than the general provision of the California Government Code or the District's investment policy:

Investment Type	Maximum Maturity	Maximum % of portfolio	Maximum in one issuer
Local Agency Bonds	5 years	None	None
U.S. Treasury Obligations	5 years	75%	None
U.S. Government Agency Issues	5 years	60%	\$6 million
Banker's Acceptances	180 days	20%	\$2 million
Commercial Paper	270 days	20%	10%
Negotiable Certificates of Deposits	5 years	30%	\$7.5 million
Medium Term Notes/Corporate Bonds	5 years	30%	\$1 million

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

2) CASH AND INVESTMENTS - Continued

Investment Type	Maximum Maturity	Maximum % of portfolio	Maximum in one issuer
Mutual Funds	None	20%	\$1 million
Money Market Mutual Funds	None	20%	\$1 million
County Pooled Investment Funds	None	None	None
Local Agency Investment Fund	None	100%	100%
Community Facility District	None	40%	None
Assessment District	None	40%	None
Asset-backed securities (ABS)	5 years	20%	10%
Supranationals	3 years	5%	5%

Disclosures Relating to Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment, the greater the sensitivity of its fair value to changes in market rates. One of the ways that the District manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer-term investments and by timing cash flows from maturities so that a portion of the portfolio is maturing or coming close to maturing evenly over time as necessary to provide the cash flow and liquidity needed for operations. Information about the sensitivity of the fair values of the District's investments (including investments held by bond trustees) to market interest rate fluctuations is provided by the following table:

Investment Type	Total	Remaining Maturity (in Months)			
		12 Months Or Less	13 to 24 Months	25 to 60 Months	More than 60 Months
LAIF	\$ 14,635,771	\$ 14,635,771	\$ -	\$ -	\$ -
U.S Treasury Obligations	2,880,735	995,150	263,183	1,622,402	-
U.S. Agency Securities	4,531,478	1,417,420	880,494	2,233,564	-
Money Market Mutual Funds	12,272	12,272	-	-	-
Medium-Term Notes	2,504,738	614,751	1,172,277	717,710	-
Asset Backed Securities	325,259	-	-	325,259	-
Supranationals	201,640	-	201,640	-	-
Held by Fiscal Agent:					
Money Market Mutual Funds	19,116,812	19,116,812	-	-	-
Total	\$ 44,208,705	\$ 36,792,176	\$ 2,517,594	\$ 4,898,935	\$ -

Disclosures Relating to Credit Risk

Generally, credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. Presented below is the minimum rating required by (where applicable) the California Government Code, the District's investment policy, or debt agreements, and the actual rating as of year-end for each investment type.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

2) CASH AND INVESTMENTS – Continued

Investment Type	Total	Minimum Legal Rating	Rating as of Year end			
			AAA	AA	A	Not Rated
LAIF	\$ 14,635,771	N/A	\$ -	\$ -	\$ -	\$ 14,635,771
U.S Treasury Obligations	2,880,735	N/A	-	2,880,735	-	-
U.S. Agency Securities	4,531,478	N/A	-	4,531,478	-	-
Money Market Mutual Funds	12,272	A	12,272	-	-	-
Medium-Term Notes	2,504,738	A-	114,863	738,554	1,651,321	-
Asset Backed Securities	325,259	AA	325,259	-	-	-
Supranationals	201,640	AA	201,640	-	-	-
Held by Fiscal Agent:						
Money Market Mutual Funds	19,116,812	AAA	19,116,812	-	-	-
Total	\$ 44,208,705		\$ 19,770,846	\$ 8,150,767	\$ 1,651,321	\$ 14,635,771

Concentration of Credit Risk

The investment policy of the District contains no limitation on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. There are no investments in any one issuer that represent 5% or more of total District investments (other than U.S. Treasury securities, mutual funds and external investment pools).

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The California Government Code and the District's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits, other than the following provision for deposits: The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. California law also allows financial institutions to secure District deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits.

As of June 30, 2019, and June 30, 2018, the District had deposits with financial institutions in excess of federal depository insurance limits of \$4,441,915 and \$5,748,555, respectively, which were collateralized by securities held by the pledging Financial Institution's Agent but not in the District's name.

Fair Value of Investments

The District categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. The District has the following recurring fair value measurements as of June 30, 2019:

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

2) CASH AND INVESTMENTS – Continued

- U.S. Treasury Obligations of \$2,880,735 are valued using quoted marked prices (Level 1 inputs)
- U.S. Agency Securities of \$4,531,478 are valued using institutional bond quotes (Level 2 inputs)
- Medium-Term Notes of \$2,504,738 are valued using institutional bond quotes (Level 2 inputs)
- Asset backed securities of \$325,259 are valued using institutional bond quotes (Level 2 inputs)
- Supranationals of \$201,640 are valued using institutional bond quotes (Level 2 inputs)

Investment in State Investment Pool

The District is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the District's investment in this pool is reported in the accompanying financial statements at the amounts based upon the District's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis. Information regarding LAIF's and the District's exposure to risk (credit, market, or legal) is not currently available.

3) CAPITAL ASSETS

Capital assets are presented as follows:

	Beginning Balance	Increases	Decreases	Ending Balance
Capital Assets, Not Being Depreciated				
Land	\$ 902,118	\$ -	\$ -	\$ 902,118
Water Capacity Rights	13,503,639	-	-	13,503,639
Construction in Progress	2,712,411	405,708	(2,566,330)	551,789
Total Capital Assets, Not Being Depreciated	17,118,168	405,708	(2,566,330)	14,957,546
Capital Assets Being Depreciated:				
Water Reclamation Facility	27,413,383	-	-	27,413,383
Reservoirs	12,265,486	-	-	12,265,486
Water and Sewer Mains	37,879,919	3,728,682	-	41,608,601
Office Building Improvements	191,354	80,917	-	272,271
Sewage Systems (Improvement Districts)	2,779,412	-	-	2,779,412
Equipment - Water and Sewer	2,095,416	433,886	-	2,529,302
Administration Building	529,200	-	-	529,200
Well Systems	340,052	-	-	340,052
Total Capital Assets Being Depreciated	83,494,222	4,243,485	-	87,737,707

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

3) CAPITAL ASSETS – Continued

	Beginning Balance	Increases	Decreases	Ending Balance
Less Accumulated Depreciation:				
Water Reclamation Facility	(13,818,728)	(414,490)	-	(14,233,218)
Reservoirs	(3,539,244)	(304,564)	-	(3,843,808)
Water and Sewer Mains	(8,806,530)	(781,869)	-	(9,588,399)
Office Building Improvements	(124,408)	(16,448)	-	(140,856)
Sewage Systems (Improvement Districts)	(2,362,863)	(90,851)	-	(2,453,714)
Equipment - Water and Sewer	(1,735,415)	(72,262)	-	(1,807,677)
Administration Building	(267,966)	(30,357)	-	(298,323)
Well Systems	(31,936)	(14,448)	-	(46,384)
Total Accumulated Depreciation	<u>(30,687,090)</u>	<u>(1,725,289)</u>	<u>-</u>	<u>(32,412,379)</u>
Capital Assets Being Depreciated, Net	<u>52,807,132</u>	<u>2,518,196</u>	<u>-</u>	<u>55,325,328</u>
Total Capital Assets, Net of Depreciation	<u>\$ 69,925,300</u>	<u>\$ 2,923,904</u>	<u>\$ (2,566,330)</u>	<u>\$ 70,282,874</u>

4) EXCESS SEWER CAPACITY DEPOSITS

In connection with the District’s construction of its water reclamation plant, the District can offer “excess” sewer capacity to individuals outside Community Facilities Districts (CFD) 87-5 and 89-1. According to the agreement, the District shall pay to the CFDs, without interest, the reimbursement amount for the oversized sewer capacity utilized by the connection of those parties outside the CFDs. As of June 30, 2019, and 2018, the District held deposits of \$98,613 and \$98,330, respectively, from individuals interested in hooking up to the District’s plant. Payment to the CFDs shall be due upon receipt of the full connection fee or commencement of service, whichever is earlier.

5) DESIGNATIONS OF DISTRICT UNRESTRICTED NET POSITION

For the amounts reported as unrestricted net position in these financial statements, the District’s Board of Directors has designated \$14,116,556 to be set aside for the future major refurbishing or replacement of the wastewater utility plant as of June 30, 2019.

6) DEFINED BENEFIT PENSION PLAN

General Information about the Defined Benefit Pension Plan

Plan Description – All qualified permanent and probationary employees are eligible to participate in the Public Agency Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (Plan) administered by the California Public Employees’ Retirement System (CalPERS.) The plan consists of individual rate plans (benefit tiers) within a safety risk pool (police and fire) and a miscellaneous risk pool (all others.) Plan assets may be used to pay benefits for any employer rate plan of the safety and miscellaneous pools. Accordingly, rate plans within the safety or miscellaneous pools are not

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

6) DEFINED BENEFIT PENSION PLAN – Continued

separate plans under GASB Statement No. 68. Individual employers may sponsor more than one rate plan in the miscellaneous or safety risk pools. The District sponsors 2 rate plans (both are miscellaneous.) Benefit provisions under the Plan are established by State statute and District resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website.

Benefits Provided – The Plan is a cost-sharing multiple-employer defined benefit pension plan administered by the California Public Employees’ Retirement System (CalPERS). A full description of the pension plan benefit provisions, assumptions for funding purposes but not accounting purposes, and membership information is listed in the June 30, 2016 Annual Actuarial Valuation Report. Details of the benefits provided can be obtained in Appendix B of the June 30, 2016 actuarial valuation report. This report is a publically available valuation report that can be obtained at CalPERS’ website under Forms and Publications. The Plans’ provisions and benefits in effect at June 30, 2019, are summarized as follows:

	Miscellaneous	Miscellaneous PEPRA
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2% @ 60	2% @ 62
Benefit vesting schedule	5 years service	5 years service
Benefit payments	monthly for life	monthly for life
Retirement age	60	62
Monthly benefits, as a % of eligible compensation	2%	2%
Required employee contribution rates	7%	6.25%
Required employer contribution rates	8.457% + \$1,822	6.842% + \$2,063

Beginning in fiscal year 2016, CalPERS collects employer contributions for the Plan as a percentage of payroll for the normal cost portion as noted in the rates above and as a dollar amount for contributions toward the unfunded liability. The dollar amounts are billed on a monthly basis. The District’s required contribution for the unfunded liability was \$3,855 in fiscal year 2019.

Contributions – Section 20814(c) of the California Public Employees’ Retirement Law requires that the employer contribution rates for all public employers be determined on an annual basis by the actuary and shall be effective on the July 1 following notice of a change in the rate. Funding contributions for the Plans are determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The District is required to contribute the difference between the actuarially determined rate and the contribution rate of employees. The District pays the required employee contribution on behalf of the employees.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

6) DEFINED BENEFIT PENSION PLAN – Continued

The District's contributions to the Plan for the year ended June 30, 2019 were \$63,926.

Pension Liabilities, Pension Expenses and Deferred Outflows/Inflows of Resources Related to Pensions

As of June 30, 2019, the District reported \$76,754 net pension liability for its proportionate share of the net pension liability. The District's net pension liability for the Plan is measured as the proportionate share of the net pension liability. The net pension liability of the Plans is measured as of June 30, 2018, and the total pension liability for the Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2017 rolled forward to June 30, 2018 using standard update procedures. The District's proportion of the net pension liability was based on a projection of the District's long-term share of contributions to the pension plans relative to the projected contributions of all participating employers, actuarially determined.

The District's proportionate share of the net pension liability as of June 30, 2017 and 2018 was as follows:

Proportion - June 30, 2017	0.00080%
Proportion - June 30, 2018	0.00080%
Change - Increase (Decrease)	0.00000%

For the year ended June 30, 2019, the District recognized pension expense of \$88,260. At June 30, 2019, the District reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 63,926	\$ -
Differences between actual and expected experience	1,943	-
Changes in assumptions	6,606	-
Change in employer's proportion	58,416	-
Differences between the employer's contributions and the employer's proportionate share of contributions	34,762	-
Net differences between projected and actual earnings on plan investments	379	-
Total	\$ 166,032	\$ -

\$63,926 reported as deferred outflows of resources related to contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the year ended June 30, 2019. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

6) DEFINED BENEFIT PENSION PLAN – Continued

Year Ending June 30,		
2020	\$	52,886
2021		39,167
2022		10,742
2023		(689)
2024		-
Thereafter		-

Actuarial Assumptions – The total pension liabilities in the June 30, 2017 actuarial valuations were determined using the following actuarial assumptions:

Valuation date	June 30, 2017
Measurement date	June 30, 2018
Actuarial cost method	entry-age normal
Actuarial assumptions:	
Discount rate	7.15%
Inflation	2.75%
Payroll growth	3.00%
Projected salary increase	(1)
Investment rate of return	7.15%
Mortality	(2)

(1) Depending on age, service and type of employment

(2) Derived using CalPERS' Membership Data for all Funds.

The underlying mortality assumptions and all other actuarial assumptions used in the June 30, 2016 valuation were based on the results of a January 2014 actuarial experience study for the period 1997 to 2011. Further details of the Experience Study can found on the CalPERS website.

Discount Rate – The discount rate used to measure the total pension liability was 7.15% for the Plan. To determine whether the municipal bond rate should be used in the calculation of a discount rate for each plan, CalPERS stress tested plans that would most likely result in a discount rate that would be different from the actuarially assumed discount rate. Based on the testing, none of the tested plans run out of assets. Therefore, the current 7.15 percent discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long term expected discount rate of 7.15 percent will be applied to all plans in the Public Employees Retirement Fund (PERF). The stress test results are presented in a detailed report that can be obtained from the CalPERS website.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

6) DEFINED BENEFIT PENSION PLAN – Continued

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds' asset classes, expected compound returns were calculated over the short-term (first 10 years) and the long-term (11-60 years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent. The table below reflects the long-term expected real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation. These rates of return are net of administrative expenses.

Asset Class	New Strategic Allocation	Real Return Years 1 - 10 (1)	Real Return Years 11+ (2)
Global Equity	50%	4.80%	5.98%
Global Fixed Income	28%	1.00%	2.62%
Inflation Sensitive	-	0.77%	1.81%
Private Equity	8%	6.30%	7.23%
Real Estate	13%	3.75%	4.93%
Liquidity	2%	0.00%	-0.92%

(1) An expected inflation of 2.0% used for this period.

(2) An expected inflation of 2.92% used for this period.

Sensitivity of the Proportionate Share of the Net Pension Liability to Changes in the Discount Rate – The following presents the District's proportionate share of the net pension liability for the Plan, calculated using the discount rate for the Plan, as well as what the District's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

1% Decrease	6.15%
Net Pension Liability	\$ 196,482
Current Discount Rate	7.15%
Net Pension Liability	\$ 76,754
1% Increase	8.15%
Net Pension Liability	\$ (22,079)

Pension Plan Fiduciary Net Position – Detailed information about the pension plan's fiduciary net position is available in the separately issued CalPERS financial reports.

Payable to the Pension Plan – At June 30, 2019, the District reported a payable of \$0 for the outstanding amount of contributions to the pension plan required for the year ended June 30, 2019.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

7) RISK MANAGEMENT

The District is exposed to various risks of loss related to torts; theft of, damage to and destruction of assets; errors and omissions; and natural disasters for which the District carries commercial insurance. Premiums are paid annually by the District. Claims liabilities are reported when it is probable that a loss has occurred and the amount of the loss can be reasonably estimated. As of June 30, 2019 and June 30, 2018, there were no such liabilities to be reported. There have been no settlements in the past three fiscal years that have exceeded insurance coverage.

The District maintains a commercial general liability, wrongful acts, employment practices, and employment benefit liability policy with coverage in the amount of \$1,000,000 for each occurrence and aggregate coverage of \$3,000,000, fire damage coverage for any one fire of \$1,000,000, hired and non-owned auto liability coverage of \$1,000,000 per accident and excess liability coverage per occurrence/aggregate limit of insurance of \$5,000,000, and property insurance in the amount of \$22,468,981. The District also has crime coverage in the amount of \$250,000 for employee dishonesty and forgery or alteration, \$250,000 for theft, disappearance or destruction, and \$100,000 for computer fraud. As mandated by the State, the District has covered all employees with a workers' compensation policy through the State Compensation Insurance Fund.

8) DEBT WITHOUT DISTRICT COMMITMENT

The District has issued \$79,145,000 in Community Facilities District Special Tax Bonds to finance the acquisition and construction of public improvements within the Community Facilities Districts (CFD) No. 1, 2, and 3. In July of 2014, CFD Bonds 1, 2, and 3 were refinanced and combined into Series A and Series B bonds of \$51,695,000 and \$18,045,000. The refinanced bonds have the same maturity dates with a lower interest rate. In December 2018, the District issued \$22,260,000 CFD No. 4 Bonds. The Bonds were issued pursuant to the Mello-Roos Community Facilities Act of 1982, and are special obligations of the District payable solely from revenues derived from special taxes levied on taxable land within the Community Facilities Districts. The Bonds are not general obligations of the District. Neither the faith and credit of the District, nor of either County, nor the State or any related political subdivision, is pledged to the payment of the Bonds. Therefore, these Bonds are not reflected as debt in the District's financial statements. As of June 30, 2019, the remaining balance on the bonds was \$82,075,000.

9) COMMITMENTS AND CONTINGENCIES

Construction Commitments

The District has active construction projects as of June 30, 2019. At year-end the District's commitments are \$6,676,013.

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

10) RELATED PARTY TRANSACTIONS

The District contracts with Dudek & Associates for management and engineering services. The services of the general manager for the District are hired under this contract. The General Manager has an ownership interest in Dudek & Associates. The District owed Dudek & Associates \$170,900 and \$68,833 at June 30, 2019 and 2018, respectively, for services received. In addition, the District incurred the following costs for services provided by Dudek & Associates:

	Year Ended June 30,	
	2019	2018
General Management	\$ 250,444	\$ 260,897
Engineering and Special Projects	338,315	158,440
Total	\$ 588,759	\$ 419,337

11) LOAN PAYABLE

In the 2014-15 Fiscal year, the District entered into a loan agreement with the Elsinore Valley Municipal Water District (EVMWD) to purchase a pipeline owned by EVMWD for \$2,644,000. Under the terms of the agreement, in exchange for the pipeline, EVMWD received the right to use the District's excess capacity water rights from Western Municipal Water District (WMWD). The loan balance is reduced based on EVMWD's purchases of the District's excess water capacity. EVMWD's purchases from year to year are expected to fluctuate and, therefore, the final maturity of the loan is unknown because there is not an established repayment schedule. EVMWD purchased \$280,574 and \$359,109, in fiscal years 2018-19 and 2017-18, respectively, of the District's excess capacity rights from WMWD. The remaining loan balance as of June 30, 2019 and June 30, 2018 was \$1,387,639 and \$1,668,213, respectively.

The loan is a direct borrowing with no set repayment period or events of default.

12) LONG-TERM LIABILITIES

The following is a summary of long-term liability transactions for the year ended June 30, 2019:

	Beginning Balance	Additions	Deletions	Ending Balance	Due Within One Year
Net Pension Liability	\$ 79,781	\$ -	\$ 3,027	\$ 76,754	\$ -
Loan Payable from Direct Borrowings	1,668,213	-	280,574	1,387,639	-
Total Long-term Liabilities	\$ 1,747,994	\$ -	\$ 283,601	\$ 1,464,393	\$ -

Temescal Valley Water District
Notes to Financial Statements
June 30, 2019 and 2018

13) JOINT VENTURE

The District is a member of the California Finance Authority for Delinquent Special Taxes and Assessments (Authority), along with the Cities of Norco and Riverside. The Authority was established to implement and finance a program for the purchase from the member agencies of delinquent special taxes, assessments and property-related fees and charges that are collected on the secured property tax roll. The District has determined to assign to the Authority certain delinquent special taxes (levied under the Mello-Roos Community Facilities Act of 1982) in consideration of the agreement by the Authority to pay the purchase price to the District for such liens and to assume all responsibility and pay all costs in connection with the enforcement and collection of such liens. Separate financial statements for the Authority are currently not available.

14) DUE TO AGENCY FUND

The District, as a pass-through agency, held property tax assessments for the Community Facilities Districts of \$313,397 and \$314,154 as of June 30, 2019 and June 30, 2018, respectively. This amount represents the amounts received by the District prior to June 30, 2019 and June 30, 2018, for the benefit of the Community Facilities District (Agency Fund).

15) IMPLEMENTATION OF NEW GASB PRONOUNCEMENTS

GASB has issued the following Statements, which may impact the District's financial reporting requirements in the future:

GASB 84 - Fiduciary Activities: This Statement establishes criteria for identifying fiduciary activities of all state and local governments. The focus of the criteria generally is on (1) whether a government is controlling the assets of the fiduciary activity and (2) the beneficiaries with whom a fiduciary relationship exists. The requirements of this Statement are effective for reporting periods beginning after December 15, 2018.

GASB 87 – Leases: This Statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. The requirements of this Statement are effective for reporting periods beginning after December 15, 2019.

GASB 89 – Accounting for Interest Cost Incurred before the End of a Construction Period: This Statement establishes accounting requirements for interest cost incurred before the end of a construction period. The requirements of this Statement are effective for reporting periods beginning after December 15, 2019.

GASB 90 – Majority Equity Interests: The primary objectives of this Statement are to improve the consistency and comparability of reporting a government's majority equity interest in a legally separate organization and to improve the relevance of financial statement information for certain component units. The requirements of this Statement are effective for reporting periods beginning after December 15, 2018.

REQUIRED SUPPLEMENTARY INFORMATION

Temescal Valley Water District
Required Supplementary Information
June 30, 2019 and 2018

Schedule of the District's Proportionate Share of the Net Pension Liability
Last 10 Years*

Measurement Date	Proportion of the Net Pension Liability	Proportionate Share of Net Pension Liability	Covered Payroll	Proportionate Share of the Net Pension Liability as a % of Payroll	Plan Fiduciary Net Position as a % of the Total Pension Liability
2018	0.00080%	\$ 76,754	\$ 731,228	10.50%	91.33%
2017	0.00080%	79,781	650,346	12.27%	90.49%
2016	0.00059%	50,718	636,890	7.96%	91.79%
2015	0.00015%	10,501	630,835	1.66%	97.84%
2014	0.00048%	30,099	614,139	4.90%	91.51%

Notes to the Schedule of the District's Proportionate Share of the Net Pension Liability

Benefit Changes: None

Changes in Assumptions: In 2017, the accounting discount rate changed from 7.65% to 7.15%.

*Fiscal year 2015 was the first year of implementation; therefore, 10 years of information are not yet available.

Temescal Valley Water District
Required Supplementary Information
June 30, 2019 and 2018

Schedule of Plan Contributions
Last 10 Years*

Fiscal Year	Contractually Required Contributions	Contributions in Relation to the Actuarially Determined Contributions	Contribution Deficiency/ (Excess)	Covered Payroll	Contributions as a % of Covered Payroll
2019	\$ 63,926	\$ (63,926)	\$ -	\$ 868,541	7.36%
2018	54,675	(54,675)	-	731,228	7.48%
2017	53,460	(53,460)	-	650,346	8.22%
2016	49,928	(49,928)	-	636,890	7.84%
2015	48,665	(48,665)	-	630,835	7.71%

Notes to the Schedule of Plan Contributions

Valuation Date: 6/30/2013, 6/30/2014, 6/30/2015, 6/30/2016, and 6/30/2017

*Fiscal year 2015 was the first year of implementation; therefore, 10 years of information are not yet available.



April 3, 2020

via electronic mail

2020 BALLOT INSTRUCTIONS FOR SPECIAL DISTRICT MEMBER (EASTERN RIVERSIDE) AND AN ALTERNATE SPECIAL DISTRICT MEMBER (RIVERSIDE COUNTY) OF THE RIVERSIDE LOCAL AGENCY FORMATION COMMISSION

To Special District Selection Committee Members:

Please read these instructions carefully before completing your ballot. As previously announced, a physical meeting of the Special District Selection Committee (SDSC) is not feasible at this time, therefore, the selection proceedings are being conducted by electronic mail or regular USPS mail. A nomination period for the position in the title above was opened Wednesday, March 4, 2020 and closed at 5:00 p.m. on Friday, April 3, 2020.

Enclosed you will find your ballot.

LAFCO Regular Special District Member – Eastern County: A total of three (3) nominations were received for this position. Candidates were restricted to the eastern area of the County.

LAFCO Alternate Special District Member – Riverside County: A total of seven (7) nominations were received for the alternate position.

All members of the SDSC may cast a ballot for both a regular member and an alternate.

Pursuant to procedures adopted by the Selection Committee in 2016, the election for the LAFCO regular and alternate positions will be conducted using Instant Runoff Voting (IRV). IRV eliminates the requirement for the expensive and lengthy process of sending out a second runoff ballot to achieve a majority. An example demonstrating how IRV works is attached.

Please fill out your ballot by ranking each nominee in the order of preference, using "1" for your first choice, "2" for your second choice and so on. Please note ranking more than one candidate will not work against your first choice candidate, however, voting for only one candidate is allowed. Do not mark the same number beside more than one candidate and do not skip numbers.

General Instructions and Information:

- Completed ballots must be delivered via electronic mail to rholtzclaw@lafco.org, or by regular mail to the LAFCO office at 6216 Brockton Avenue, Suite 111-B, Riverside CA 92506 **no later than 5:00 p.m. on Sunday, May 3, 2020.**
- Only the presiding officer or another board member authorized by your board of directors to vote may cast the ballot. Board members designated by their district board to vote in place of the presiding officer must provide that authorization (in the form of a resolution or minute order) to LAFCO no later than the time the ballot is cast. District managers or other staff members may not vote.
- The voting member must print his or her name on the ballot as well as sign and date the certification indicating he or she is authorized to vote for the district.
- We must receive a ballot with an original signature. However, if you deliver your ballot via electronic mail, you may return a scanned copy of the signed ballot by email to rholtzclaw@lafco.org.
- Failure to follow these instructions will invalidate the ballot.

Finally, these positions ensure special districts are appropriately represented on our local boards. Appointments are only valid if ballots representing a quorum, from 29 of our 56 independent special districts, are returned. Please return your ballots in a timely manner.

If you have any questions, please contact our office at 951 369-0631.

Sincerely,



Gary Thompson
Executive Officer

SPECIAL DISTRICT SELECTION COMMITTEE 2020 BALLOT

Name of District: _____
Print District Name Here (required)

Certification of voting member:

I, _____ hereby certify that I am (check one):
Print Name Here (required)

- the presiding officer of the above-named district.
- a member of the board of the above-named district authorized by the board to vote in place of the presiding officer. [Authorization previously transmitted attached]

Signature (required) _____
Date (required)

Ballot must be received by 5:00 p.m., Monday, May 3, 2020. Email to rholtzclaw@lafco.org.
If mailing: LAFCO, 6216 Brockton Avenue, Suite 111-B, Riverside, CA 92506 – deadline still applies.

Regular Special District Member of the Local Agency Formation Commission – *Eastern Riverside County* (Term running May 6, 2020 through May 6, 2024)

Please rank the candidates in preferential order, “1” being the first preference, “2” being the second, etc.:

	Circle rank for each candidate		
Nancy Wright, Mission Springs Water District	1	2	3
Debra Canero, Valley Sanitary District	1	2	3
Karen Borja, Desert Healthcare District	1	2	3

Alternate Special District Member of the Local Agency Formation Commission – *Riverside County* (Term running May 6, 2020 through May 6, 2024)

Please rank the candidates in preferential order, “1” being the first preference, “2” being the second, etc.:

	Circle rank for each candidate						
Arthur Shorr, Desert Healthcare District	1	2	3	4	5	6	7
Dale Qualm, Temecula Public Cemetery District	1	2	3	4	5	6	7
Scott Sear, Valley Sanitary District	1	2	3	4	5	6	7
Steve A. Pastor, Lake Hemet Municipal Water District	1	2	3	4	5	6	7
Robert Stockton, Western Municipal Water District	1	2	3	4	5	6	7
Danny J. Martin, Rancho California Water District	1	2	3	4	5	6	7
Karen Alexander, Northwest Mosquito & Vector Control	1	2	3	4	5	6	7

INSTANT RUNOFF VOTING (IRV) ELECTION PROCESS

Introduction

In 2016, the Special District Selection Committee voted to utilize instant runoff voting (IRV) for all future elections to appoint members to the Riverside Local Agency Formation Commission (LAFCO). IRV is a method of conducting elections with three or more candidates whereby a majority determines the winner without the need to have a second ballot/runoff proceeding. A separate runoff election could cause a delay of more than 90 days, as well as causing LAFCO additional expense. The explanation below and example that follows illustrates how the instant runoff voting method will be used for determining the winner in a fictional election for the Porcupine Lodge Board of Directors. A process similar to the one explained below will be utilized to determine the LAFCO Special District Member.

Ballot Specifications and Directions to Voters

The ballot will allow a voter to rank candidates in order of preference. All nominated candidates are listed on the ballot. Voters will vote for candidates by indicating their first-choice candidate, their second-choice candidate and so on. The voter will indicate his/her first choice by marking or circling the number "1" beside a candidate's name, the second choice by marking or circling the number "2" by that candidate's name, the third choice by marking the number "3," and so on, for as many choices as the voter wishes. Voters are free to rank only one candidate, however, doing so does not offer any additional advantage to that candidate, as ranking additional candidates cannot help defeat a voter's first-choice candidate. Voters must not mark the same number beside more than one candidate or skip rank numbers.

Ballot Counting

The ballots cast will be tabulated and the result declared by the official responsible for conducting the election. Votes will be counted for each candidate using the following procedure:

- The first choice marked on each ballot shall be counted. If any candidate receives a majority of the first choices, that candidate shall be declared elected.
- A majority is a number of votes greater than half of the total number of ballots received.
- If no candidate receives a majority of first choices, the candidate who received the fewest first choices shall be eliminated and each vote cast for that candidate shall be transferred to the next-ranked candidate on that voter's ballot. If, after this transfer of votes, any candidate has a number of votes constituting a majority, that candidate shall be declared elected.

- If no candidate receives a majority of votes from the continuing ballots after a candidate has been eliminated and his/her votes have been transferred to the next-ranked candidate, the continuing candidate with the fewest votes from the continuing ballots shall be eliminated. All votes cast for that candidate shall be transferred to the next-ranked continuing candidate on each voter's ballot. This process of eliminating candidates and transferring their votes to the next-ranked continuing candidates shall be repeated until a candidate receives a majority of the votes from the continuing ballots. This candidate shall be declared elected.

Example:

Three candidates are running for the Porcupine Lodge Board of Directors: Paul Alto, Mort Bragg and Samantha Cruz.

60 ballots are cast, therefore a candidate needs a majority of 31 votes to win the election:

- Alto is ranked #1 by 15 voters
- Bragg is ranked #1 by 25 voters
- Cruz is ranked #1 by 20 voters

In the first round no one receives the required majority of 31 votes.

Alto, as the candidate receiving the fewest first choice (#1) votes, is eliminated. Those 15 ballots that had Alto ranked as their first choice are reviewed for their second (#2) choice. On those 15 ballots:

- Bragg is ranked #2 on 9 of those 15 ballots
- Cruz is ranked #2 on 4 of the 15 ballots.
- Two of the ballots did not pick a second choice candidate.

These second choice votes are added to the results of the first choice count as follows:

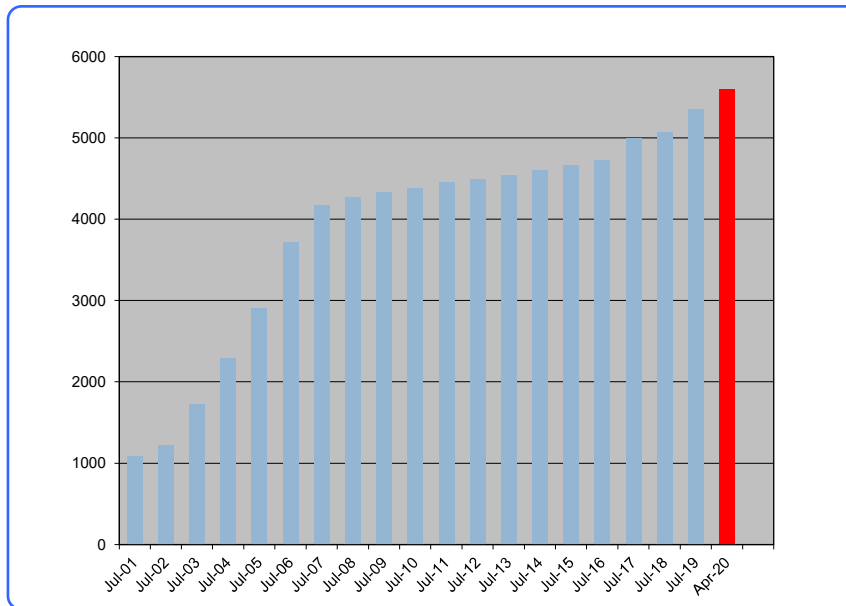
- Bragg has 25 plus 9 for a total of 34 votes
- Cruz has 20 plus 4 for a total of 24 votes

Thus, Bragg wins with 34 votes (the required majority was 31) and Cruz is second with 24 votes.

https://www.rankedchoicevoting.org/single_seat

**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	Apr-20
CUSTOMERS	1090	1223	1729	2295	2910	3718	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	5000	5076	5358	5605



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	1738	1727	99%
The Retreat	525	525	100%
Terramor	1443	433	30% 15 MODELS
Harmony Grove	50	24	48%
	<u>6652</u>	<u>5605</u>	84%

TOTAL CUSTOMER COUNT REPORT
March 31, 2019

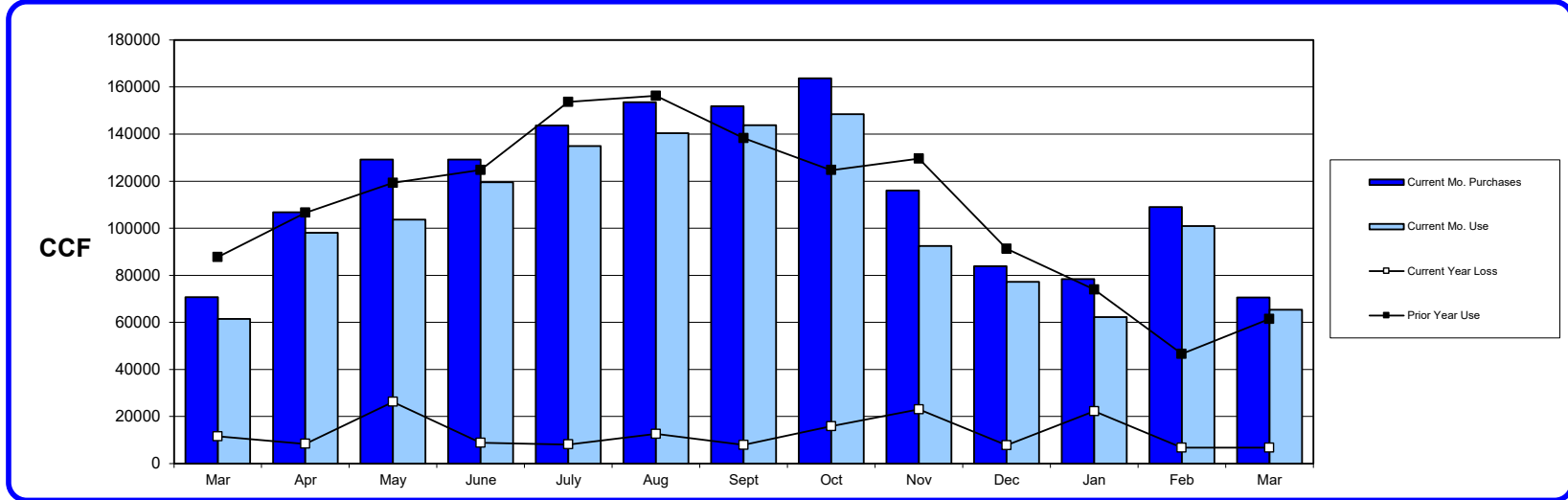
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 6 Accts closed/transf 45 Empty Homes 9			Butterfield (305) Calif. Meadows (345)	
Residential	5529	2	650	6181
Commercial	91	0	2	93
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	69	0	69
Non-Potable Water other	0	155	0	155
Construction-Bulk Sales	0	23	0	23
Total Active Customers	5665	250	652	6567

DELINQUENT REPORT

Meters Read - Customers Billed	5874	
Received Delinquent Notice on current bill	452	7.69%
Turned Off for lack of payment	0	0.00%
Customers turned back on, amount paid	0	0.00%

WATER USAGE REPORT FOR THIRTEEN MONTHS

	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	TOTAL
Beg Water Levels	11571	9302	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	
Ending Water Levels	9302	9628	8895	9746	10279	10771	10908	10430	11025	9761	11884	13221	9749	
Cur Yearly Purchases	70688	106748	129147	129147	143604	153486	151898	163770	116068	83803	78380	108992	70586	1506317
Cur Yr Monthly Use	61401	98045	103672	119497	134958	140366	143820	148423	92435	77239	62210	100925	65393	1348384
Prior Yr Monthly Use	87771	106589	119302	124735	153700	156286	138302	124684	129569	91254	73902	46657	61401	1414152

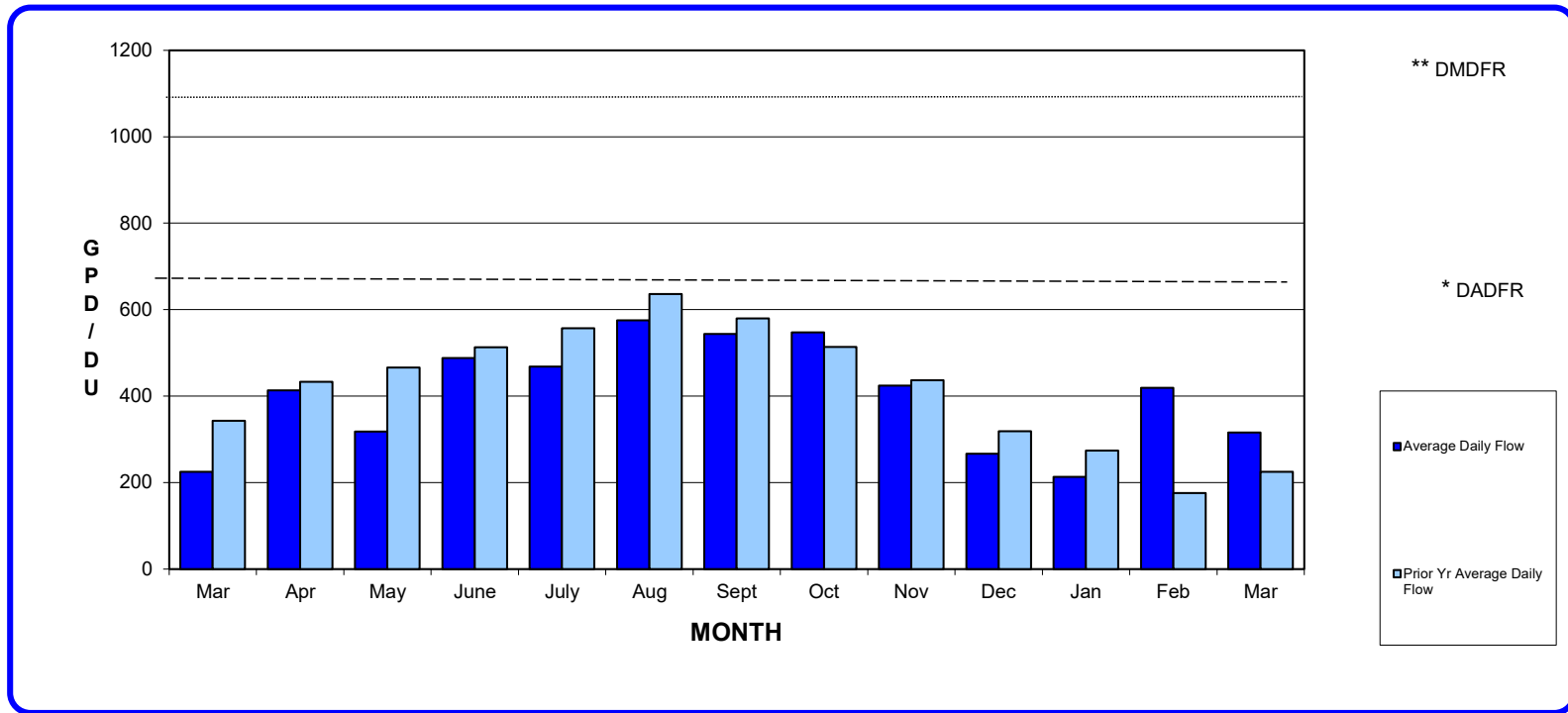


KEY
2017-2018
2018-2019
2019-2020

SUMMARY	CCF
Beginning Water in System	11571 CCF
Water Purchased in last 13 months	1506317 CCF
Water Used in last 13 months	1348384 CCF
Water Remaining in System	9749 CCF
(Loss)/Gain over last 13 months	(159755) CCF
	-10.61%

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

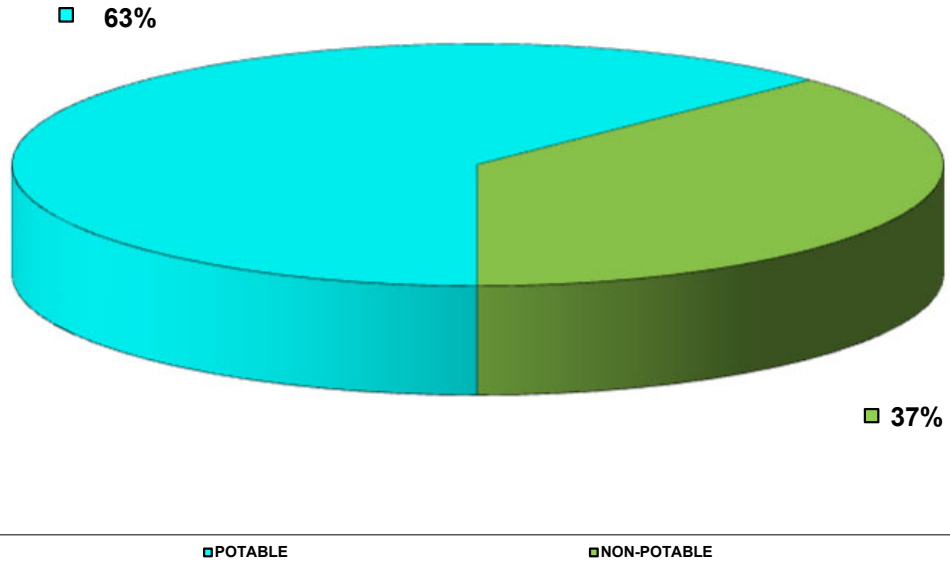
	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	YEARLY AVERAGE
Average Daily Flow	225	413	318	488	468	575	544	547	424	267	213	419	316	416
Prior Yr Average Daily Flow	343	433	466	513	557	636	580	514	437	319	274	176	225	428



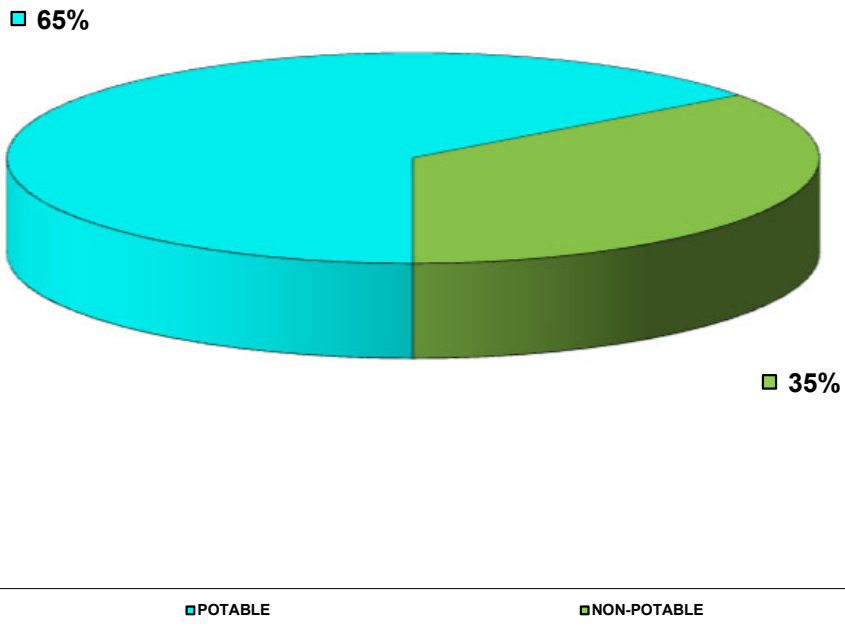
Key
2016-2017
2017-2018
2018-2019
2019-2020

- * 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 Nine Months Ending March 31, 2020
F/Y 2019-2020**

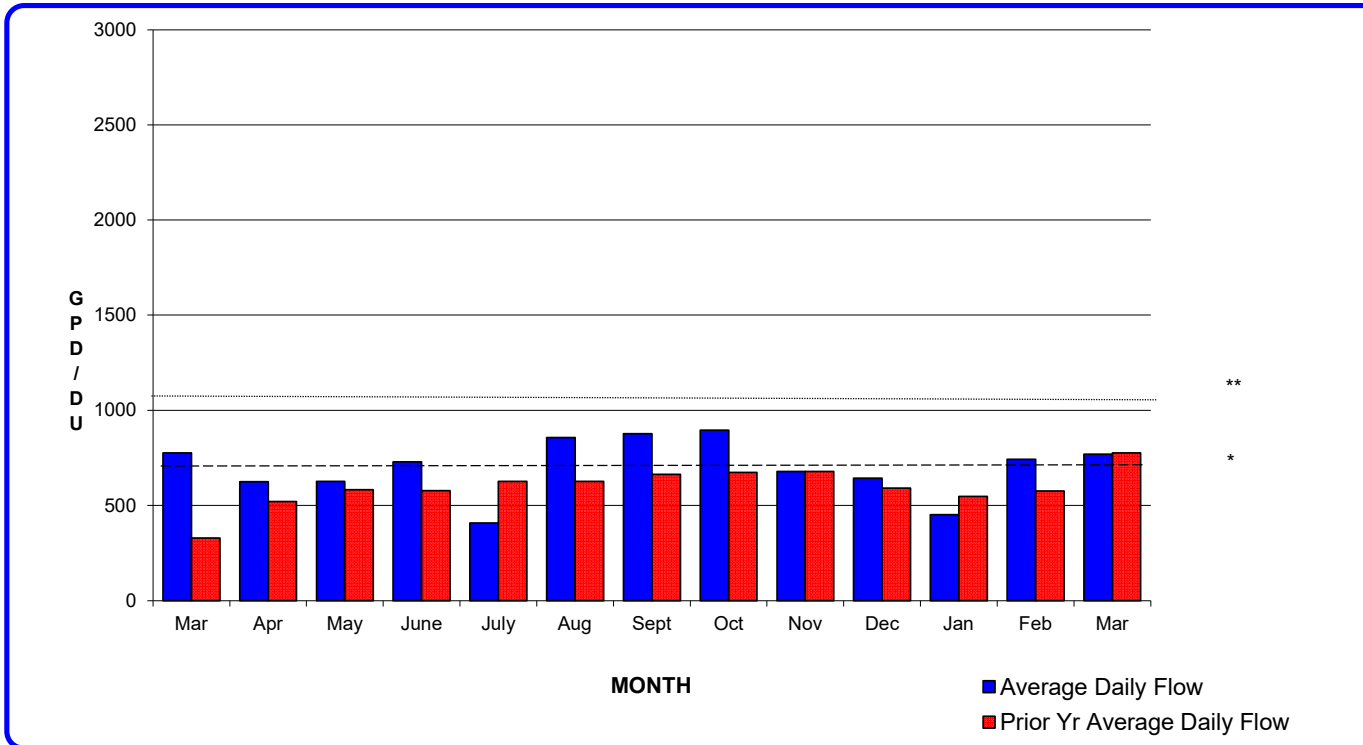


**Temescal Valley Water District
Water Volume Sold
For F/Y 2018-2019
Twelve Months**



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

	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	YEARLY AVERAGE
Average Daily Flow	776	624	626	729	408	856	877	896	679	644	451	742	769	692
Prior Yr Average Daily Flow	329	521	583	577	627	627	663	673	678	591	548	576	776	1063

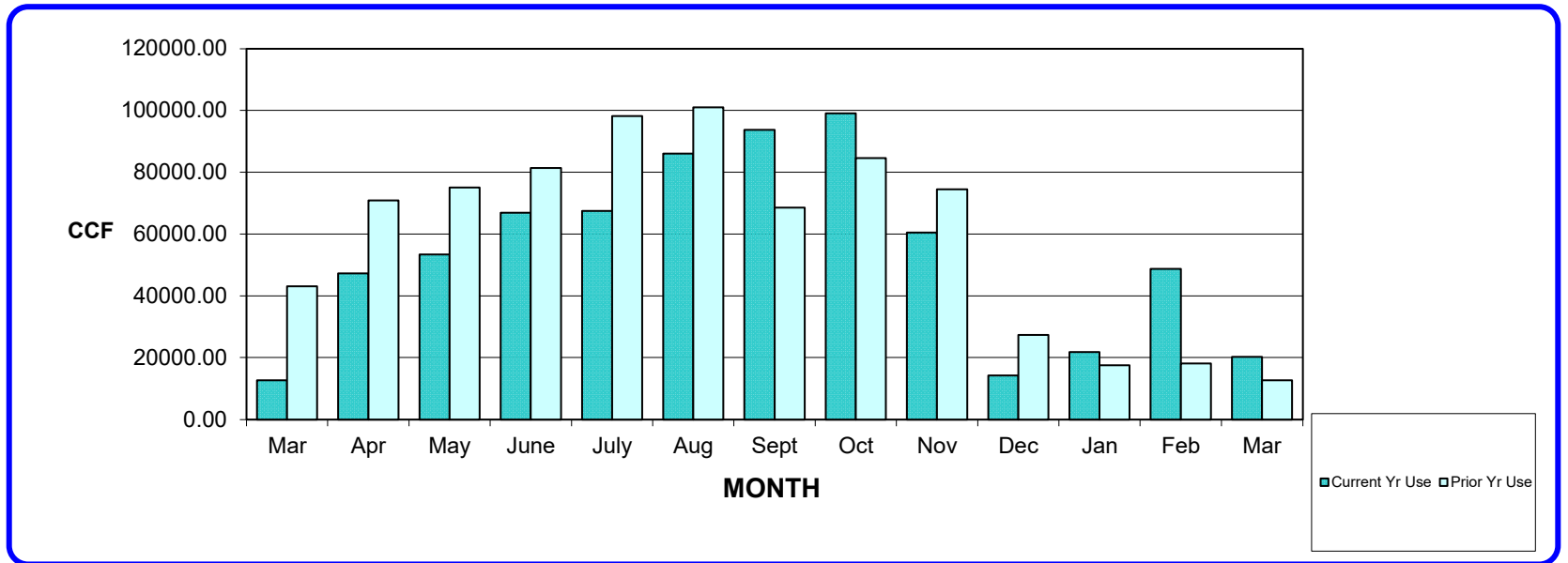


Key
2016-2017
2017-2018
2018-2019
2019-2020

- * 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)

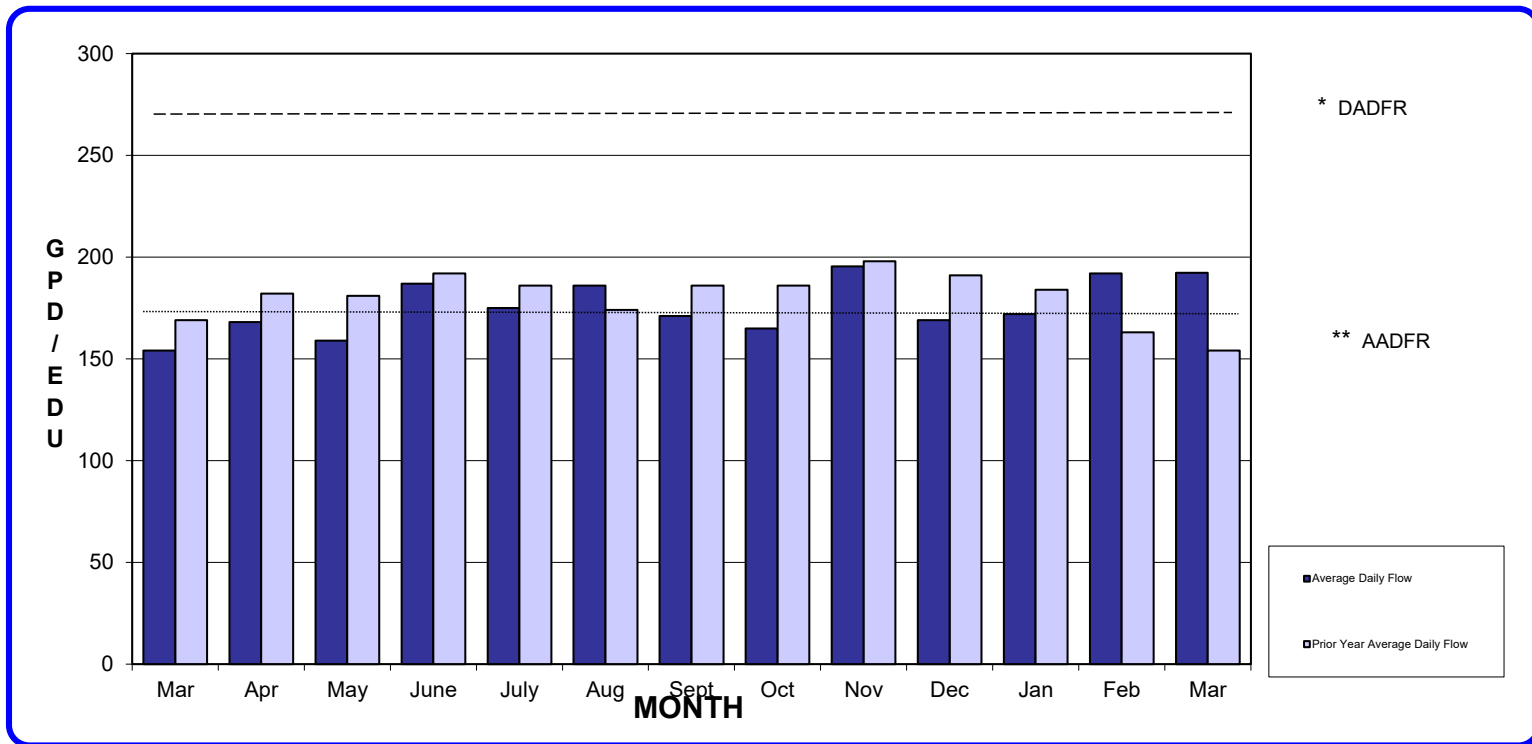
	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Current Yr Use	12612.78	47287.45	53401.21	66847.21	67458.40	86056.00	93701.87	99015.59	60473.74	14232.16	21818.51	48679.88	20213.59
Prior Yr Use	43054.20	70816.32	74999.30	81380.55	98207.89	101012.78	68554.80	84552.12	74461.87	27296.00	17558.51	18076.74	12612.78
Revenue	\$48,432	\$135,906	\$143,871	\$179,818	\$181,463	\$186,783	\$234,758	\$256,161	\$185,101	\$62,123	\$57,630	\$122,436	\$71,529



Key
2017-2018
2018-2019
2019-2020

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

	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	12-Month Average
Average Daily Flow	154	168	159	187	175	186	171	165	195	169	172	192	192	190
Prior Year Average Daily Flow	169	182	181	192	186	174	186	186	198	191	184	163	154	181



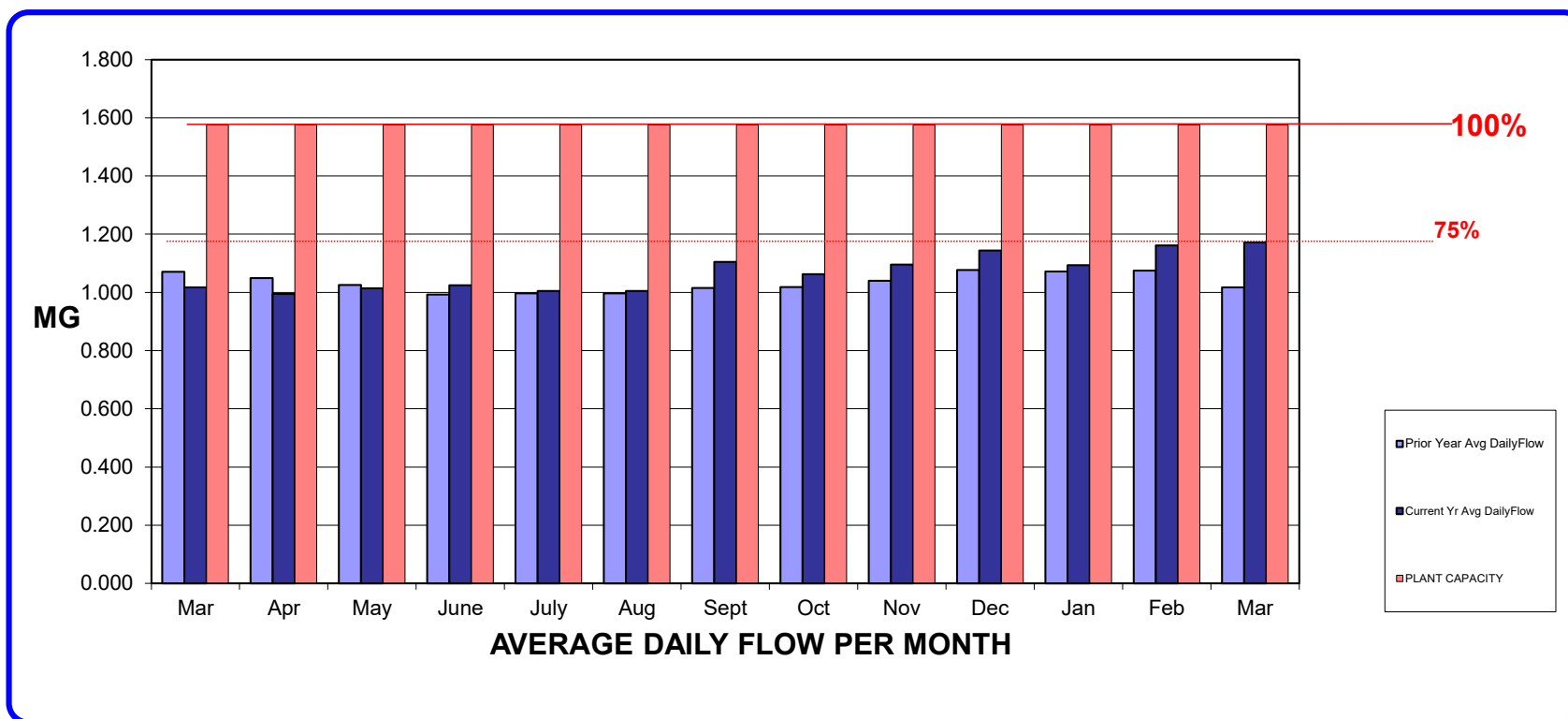
Key
 2017-2018
 2018-2019
 2019-2020

** ACTUAL AVERAGE DAILY FLOW RATE IN GPD

RECLAMATION PLANT FLOW REPORT AVERAGE DAILY FLOW (Million Gallons)

Key
2017-2018
2018-2019
2019-2020

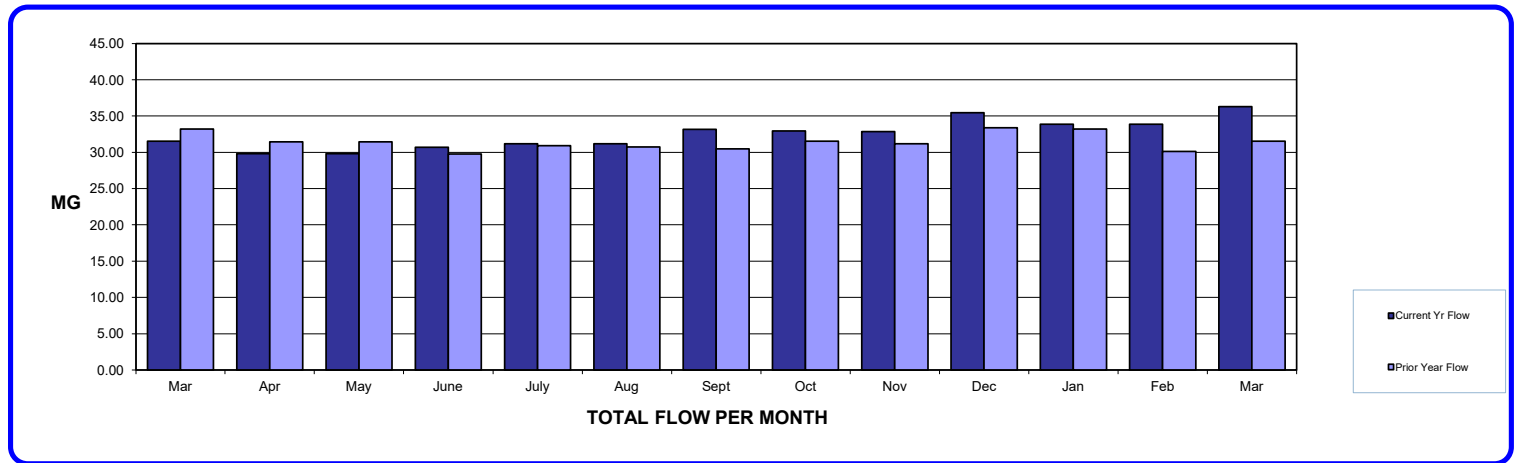
	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
Current Yr Avg DailyFlow	1.0170	0.9940	1.0140	1.0240	1.0050	1.0050	1.1050	1.0620	1.0950	1.1440	1.0930	1.1610	1.1720
Prior Year Avg DailyFlow	1.0710	1.0490	1.0250	0.9920	0.9970	0.9970	1.0150	1.0180	1.0400	1.0770	1.0720	1.0750	1.0170
PLANT CAPACITY	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)

	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Total/yr
Current Yr Flow	31.53	29.82	29.82	30.71	31.17	31.16	33.15	32.92	32.84	35.47	33.87	33.87	36.30	391.09
Prior Year Flow	33.19	31.46	31.46	29.75	30.90	30.75	30.46	31.55	31.19	33.38	33.21	30.11	31.53	375.75

Potential Revenue \$88,961 \$93,156 \$88,104 \$119,190 \$122,747 \$124,586 \$132,500 \$131,581 \$131,261 \$141,177 \$141,177 \$141,177 \$141,177 \$1,507,833

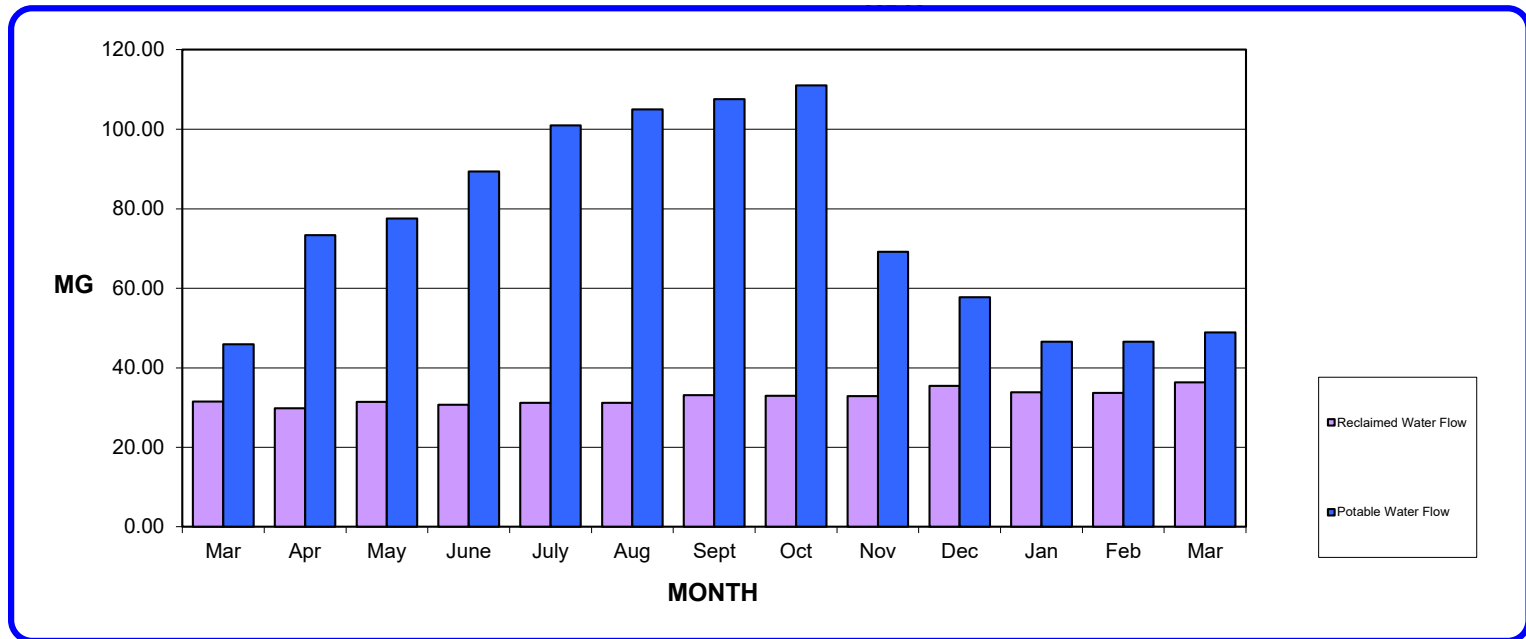


Key
2017-2018
2018-2019
2019-22020

Note - recycled water only

RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons) FOR THE MONTH OF JULY 2019

	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar
No. of Sewer Dwelling Units Connected	6247	6253	6298	6456	6456	6366	6371	6413	6423	6480	6463	6513	6512
Reclaimed Water Flow	31.54	29.83	31.43	30.71	31.17	31.16	33.15	32.92	32.84	35.47	33.87	33.68	36.30
Potable Water Flow	45.93	73.34	77.55	89.38	100.94	104.99	107.58	111.02	69.14	57.78	46.53	46.53	48.91



Month	Wildrose(2)	Montecito(3)	Trilogy(4)	Painted Hills(5)	Syc Crk(6)	Retreat(7)	Terramor(8)	Harmony Gr	Avg All Resid	AVG	TOTAL		
										IND-BK / IRR (1)	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

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

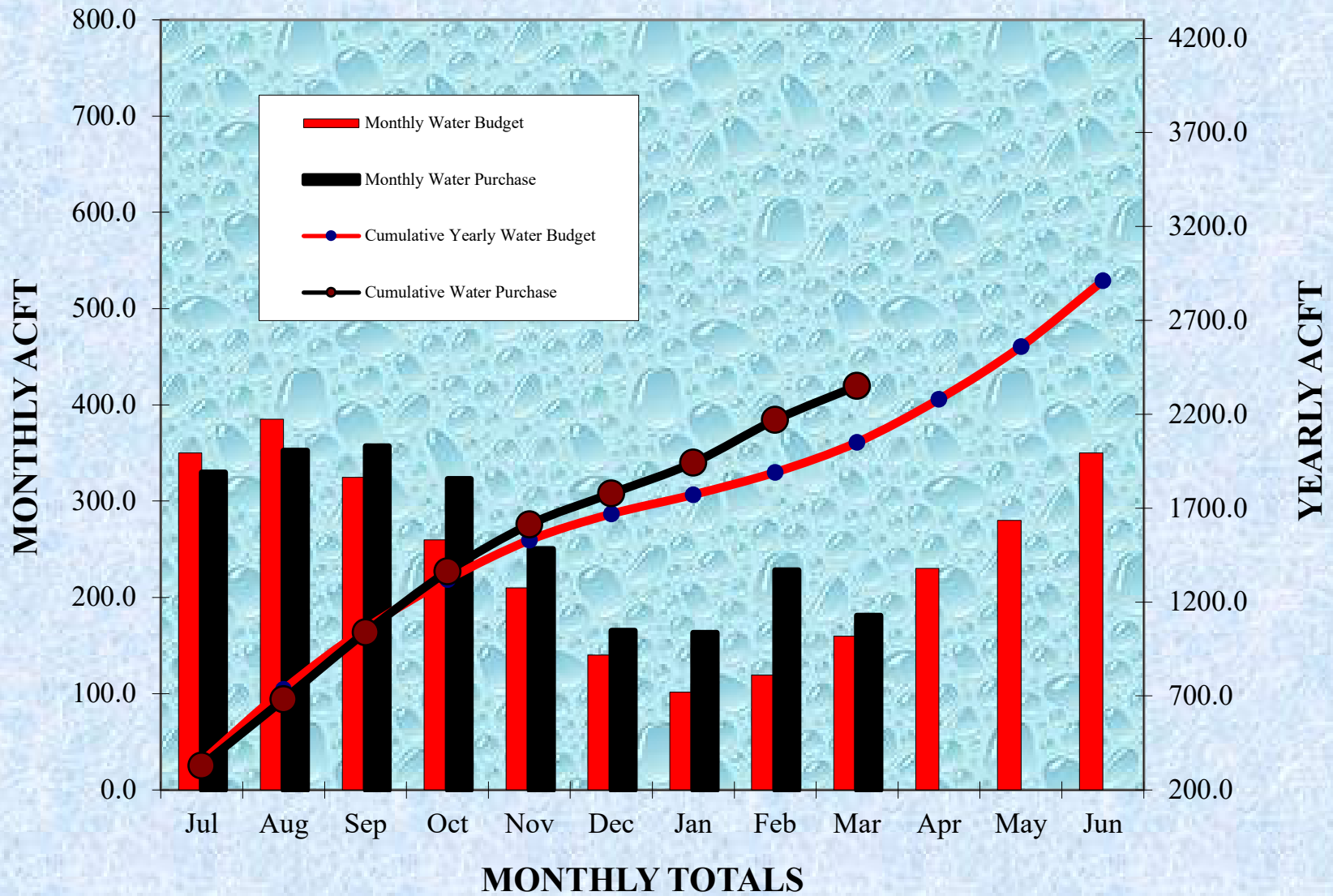
Jul-19	24.9	31.6	20.5	40.9	22.3	29.4	13.9	4.1	23.9	2,709.2	50,645.8	5,744.2	20,891.3
Aug-19	25.1	33.23	20.9	37.8	23.3	37.0	14.4	4.0	25.0	768.2	57,000.9	4,747.5	20,573.5
Sep-19	25.4	32.4	18.0	34.0	22.7	35.4	15.0	5.7	23.8	28.4	63,914.0	4,755.6	23,576.3
Oct-19	28.2	37.6	20.4	35.5	24.6	39.8	17.5	10.1	26.5	45.8	72,791.0	5,748.2	14,940.7
Nov-19	20.9	27.0	13.4	24.7	17.4	27.1	12.2	5.3	18.6	1,030.2	43,509.9	3,159.0	11,407.0
Dec-19	16.0	18.5	7.4	15.1	14.6	18.4	11.5	5.0	13.5	15.8	12,159.8	974.4	1,097.9
Jan-20	13.0	13.5	7.2	12.2	11.6	14.4	9.0	3.2	11.0	5.9	18,777.5	1,351.0	1,690.0
Feb-20	19.4	21.7	13.9	20.0	17.0	24.6	12.1	5.9	17.4	17.6	32,066.0	2,744.9	8,272.1
Mar-20	13.0	13.2	7.9	12.9	11.8	15.3	8.4	5.8	11.3	23.6	15,708.8	1,186.9	3,317.9
Apr-20													
May-20													
Jun-20													
AVG '19-'20													

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

WHOLESALE BUDGET vs PURCHASE

Water Year July 2019 through June 2020

2900 ACFT PROJECTION)



Temescal Valley Water District Water District Budget Schedule 2020-2021

Budget Preparation by staff	April 1 – April 30
Finance Committee Meeting Budget Review with Committee	May 14 (Thurs)
Regular Board Meeting Preliminary Budget Presented to Board	May 26
Advertise for Public Hearing	June 1 – June 15
Regular Board Meeting Conduct Budget Hearing for Adoption	June 23
Transmit Adopted Budget to County & State	June 29
Begin Tax Roll Preparations	July 1
Advertise for Public Hearing on Tax Roll	July 9 – July 19
Regular Board Meeting Conduct Tax Roll hearing	July 28
Submit Adopted Tax Roll to County	August 12



April 28, 2020

Board of Directors
Temescal Valley Water District

RE: General Manager's Report

Dear Board:

The following is a brief status report on a number of 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.**
- Working on Conservation opportunities and RW/NP conversion locations
 - **New District programs for turf and nozzles**
- 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**
 - Retreat Infill – **Kiley Court – Plans signed**
 - Temescal Canyon Road at Campbell Ranch Road – **waiting**
 - Kiley Family Trust Property – **Tract Map Stage**
- Terramor CFD – **CFD 4 annexation of Phase 2 completed - Constructing the WRF expansion**
- Terramor Review:
 - RW and Potable Tank – **Both tanks in operation**
- Terramor Onsite Water, Sewer and RW improvements
 - **Work continues Improvement Area 2 – Richmond America**
- 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, working on Bypass Vault, Digester, Influent lift station and new SBR tanks..**

MEMORANDUM

DATE: April 28, 2020

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: Project: Phase IV Water Reclamation Facility Expansion Project –Payment Request 4
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
Earned this Period -	\$825,900.00
5% retention -	\$ 41,295.00
Earned less retention -	\$784,605.00

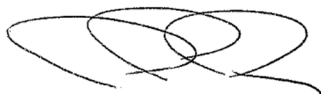
DUE - Contractor \$ 784,605.00

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the payment of \$825,900.00 which is a current payment of \$784,605.00 to the Contractor and a retention payment of \$41,295.00 to be deposited in an Escrow Account.

Respectfully submitted,



Jeff Pape
General Manager

**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		Pacific Hydrotech Contract Summary
Contingency 10%	\$ -				Contract Amount
Design Engineering 9%	\$ 46,150.00	By Dexter Wilson/Forestar		\$ 46,150.00	\$ 16,444,500.00
Plan Check	\$ 5,470.00	Estimated TVWD Inspection		\$ 5,470.00	\$ -
CM and Inspection	\$ 26,250.00	Estimated Dudek Bidding	\$ 26,250.00		Current contract Amount
	\$ 493,270.00				\$ 16,444,500.00
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	\$ 16,400,000.00				
10% Contingency	\$ 1,640,000.00				
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	\$ 75,000.00	Bid RFI's, Constr. RCO, RFI's	\$ 75,000.00		
TVWD	\$ 50,000.00	Estimate - SCADA/integrator	\$ 50,000.00		
	\$ 19,793,391.09				
Total	\$ 21,534,789.79		\$ 2,400,658.70	\$ 1,094,131.09	
	\$ 31.90				
	\$ 8,294.88				

EDUs	Cost Responsibility per Agreements	%	Splits	Paid or Responsibility	Due During Const	Funds on Hand	Delta
865.38	TVWD %	0.33333	\$ 7,178,263.26	\$ 2,400,658.70	\$ 4,777,604.56	\$ 4,777,604.56	\$ -
1,569.50	Forestar %	0.66667	\$ 13,018,826.53				
165.00	Glen Ivy GOCO	0.06370	\$ 1,337,700.00				
1,344.59	CFD Bond funding = 85.67%		\$ 11,153,228.69		\$ 11,153,228.69	\$ 9,847,409.00	\$ (1,305,820)
224.91	Developer =14.33%		\$ 1,865,597.84	\$ 1,094,131.09	\$ 771,466.75	0	\$ (771,467)
					\$ 16,702,300.00		\$ (2,077,286)

PAYMENT APPLICATION

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

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

APPLICATION NO.: 4
PERIOD THRU: 2/29/2020

DISTRIBUTION TO:
____ CONTRACTOR
____ CONSTRUCTION MGR.
____ CITY INSPECTOR
____ OWNER

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

OWNER: TEMECULA 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	0.00
3. CURRENT CONTRACT AMOUNT (Line 1 + 2)	16,444,500.00
4. TOTAL COMPLETED AND STORED (Column G on Continuation Page)	2,690,745.00
5. RETAINAGE:	
A. 0% Of Completed Work (Columns D+ E on Continuation Page)	134,537.25
B. 0% of Material Stored (Column F on Continuation Page)	0.00
Total Retainage (Line 5a + 5b or Column I on Continuation Page)	134,537.25
6. TOTAL COMPLETED AND STORED LESS RETAINAGE: (Line 4 minus Line 5 Total)	2,556,207.75
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT:	1,771,602.75
8. CURRENT PAYMENT DUE:	784,605.00
9. BALANCE HELD BY OWNER: Line 3 - Line 6	13,888,292.25

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

CONTRACTOR: PACIFIC HYDROTECH CORPORATION

Contractor's signature below:

By:  Date: 3/19/2020

CONSTRUCTION MANAGER: MUROW | DC

Construction Manager's signature below:

By: **Bob Weber** Digitally signed by Bob Weber
DN: cn=Bob Weber, o=Murow DC, ou,
email=bweber@murowdc.com, c=US
Date: 2020.03.30 12:46:14 -0700' Date: 3/30/20

INSPECTOR: Temescal Valley Water District

Inspector's signature below:

By:  Date: 4-1-2020

OWNER'S CERTIFICATION:

CERTIFIED AMOUNT: ----- \$ 784,605.00

OWNER: Temescal Valley Water District

Owner's signature below:

By:  Date: 4/26/20

PAYMENT APPLICATION DETAILS

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

Application Number: 4
For Period Ending: 02/29/2020

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	623,250.00	4,500.00	0.55%	0.00	627,750.00	76.55	192,250.00	31,387.50
01.01	BONDS AND INSURANCE	350,000.00	350,000.00	0.00	0.00%	0.00	350,000.00	100.00	0.00	17,500.00
01.02	MOBILIZE EQUIPMENT AND TEMP FACILITIES	325,000.00	243,750.00	0.00	0.00%	0.00	243,750.00	75.00	81,250.00	12,187.50
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	17,000.00	0.00	0.00%	0.00	17,000.00	85.00	3,000.00	850.00
01.05	CONSTRUCTION SCHEDULING	30,000.00	15,000.00	1,500.00	5.00%	0.00	3,000.00	10.00	27,000.00	150.00
01.06	PRECONSTRUCTION VIDEO	5,000.00	5,000.00	0.00	0.00%	0.00	5,000.00	100.00	0.00	250.00
01.07	MAINTAIN TEMP FACILITIES	60,000.00	6,000.00	3,000.00	5.00%	0.00	9,000.00	15.00	51,000.00	450.00
02	SHEETING, SHORING, AND BRACING	6,100.00	0.00	1,525.00	25.00%	0.00	1,525.00	25.00	4,575.00	76.25
02.01	TRENCH SHORING	6,100.00	0.00	1,525.00	25.00%	0.00	1,525.00	25.00	4,575.00	76.25
03	EROSION CONTROL	55,700.00	17,785.00	2,785.00	5.00%	0.00	20,570.00	36.93	35,130.00	1,028.50
03.01	BMP INSTALLATION	20,000.00	16,000.00	1,000.00	5.00%	0.00	17,000.00	85.00	3,000.00	850.00
03.02	BMP MAINTENANCE	35,700.00	1,785.00	1,785.00	5.00%	0.00	3,570.00	10.00	32,130.00	178.50
04	SURVEY	24,200.00	2,420.00	7,260.00	30.00%	0.00	9,680.00	40.00	14,520.00	484.00
04.01	SURVEY	24,200.00	2,420.00	7,260.00	30.00%	0.00	9,680.00	40.00	14,520.00	484.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	0.00	4,190.00	10.00%	0.00	4,190.00	10.00	37,710.00	209.50
05.01	MAINTAIN PLANT FACILITY OPERATIONS	41,900.00	0.00	4,190.00	10.00%	0.00	4,190.00	10.00	37,710.00	209.50
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	207,500.00	0.00	0.00%	0.00	207,500.00	89.79	23,600.00	10,375.00
06.01	EXCAVATE AND BACKFILL FOR ELECTRICAL	95,000.00	95,000.00	0.00	0.00%	0.00	95,000.00	100.00	0.00	4,750.00
06.02	ELECT. DISCONNECT & REMOVAL OF WIRING	45,000.00	45,000.00	0.00	0.00%	0.00	45,000.00	100.00	0.00	2,250.00
06.03	FURNISH & INSTALL PULL BOX PER DE0.0	12,500.00	12,500.00	0.00	0.00%	0.00	12,500.00	100.00	0.00	625.00
06.04	FURNISH & INSTALL SCE CONDUIT PER DE0.0	55,000.00	55,000.00	0.00	0.00%	0.00	55,000.00	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	0.00	0.00	0.00%	0.00	0.00	0.00	20,100.00	0.00
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	142,600.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	23,600.00	0.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	404,250.00	66,750.00	4.59%	0.00	471,000.00	32.40	982,900.00	23,550.00
08.01	POTHOLE	40,000.00	28000.00	4,000.00	10.00%	0.00	32000.00	80.00	8,000.00	1,600.00
08.02	UNLOAD PIPE MATERIALS	25,000.00	7500.00	5,000.00	20.00%	0.00	12500.00	50.00	12,500.00	625.00
08.03	16" SEDIMENTATION TANK BYPASS LINE	125,000.00	106250.00	6,250.00	5.00%	0.00	112500.00	90.00	12,500.00	5,625.00
08.04	10" PEF - PS TO EX 16" GE (11 thru 18)	175,000.00	131250.00	8,750.00	5.00%	0.00	140000.00	80.00	35,000.00	7,000.00
08.05	10" PEF - PS TO EX 16" GE (19 thru 25)	175,000.00	131250.00	8,750.00	5.00%	0.00	140000.00	80.00	35,000.00	7,000.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	18,000.00	0.00
08.10	4" PS/SC SCUM LINE TO DIGESTERS	85,000.00	0.00	34,000.00	40.00%	0.00	34000.00	40.00	51,000.00	1,700.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
08.13	12"/16"24" SE PIPING @ SBR's	145,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	145,000.00	0.00
08.14	12" WAS TO EXISTING PIPE	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	38,000.00	0.00
08.17	6" TD PIPE @ TERTIARY FILTERS	32,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	32,000.00	0.00
08.18	8" DIGESTED SLUDGE TO EX. PIPE @ DIG'S	78,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	78,000.00	0.00
08.19	4" BIOFILTER DRAIN TO PS	53,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	53,000.00	0.00
08.20	2" WHP LINE @ DIGESTERS	14,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	14,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00

09	GRADING	454,900.00	116,560.00	23,320.00	5.13%	0.00	139,880.00	30.75	315,020.00	6,994.00
09.01	EXCAVATE INFLUENT VAULTS	10,000.00	0.00	2,500.00	25.00%	0.00	2500.00	25.00	7,500.00	125.00
09.02	FINE GRADE BOTTOM	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
09.03	BACKFILL INFLUENT VALVE VAULTS	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
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	0.00	6,000.00	100.00%	0.00	6000.00	100.00	0.00	300.00
09.08	FINE GRADE BOTTOM	6,000.00	0.00	6,000.00	100.00%	0.00	6000.00	100.00	0.00	300.00
09.09	BACKFILL REACTORS	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
09.10	EXCAVATE TERTIARY FILTERS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
09.11	FINE GRADE BOTTOM	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
09.12	BACKFILL TERTIARY FILTERS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
09.13	EXCAVATE DIGESTERS & BIOFILTER	65,000.00	48750.00	0.00	0.00%	0.00	48750.00	75.00	16,250.00	2,437.50
09.14	FINE GRADE BOTTOM	7,000.00	5250.00	0.00	0.00%	0.00	5250.00	75.00	1,750.00	262.50
09.15	BACKFILL DIGESTERS & BIOFILTER	62,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	62,000.00	0.00
09.16	LOAD EXPORT TRUCKS	31,400.00	12560.00	1,570.00	5.00%	0.00	14130.00	45.00	17,270.00	706.50
09.17	EXPORT SPOILS	125,000.00	50000.00	6,250.00	5.00%	0.00	56250.00	45.00	68,750.00	2,812.50
09.18	ROAD CLEAN UP	5,000.00	0.00	1,000.00	20.00%	0.00	1000.00	20.00	4,000.00	50.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	48,700.00	0.00
11.01	TEMPORARY BYPASS PIPING SYSTEM	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
11.02	INSTALL/REMOVE PIPING @ INFL PS	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
11.03	PATCH PRECAST WALL PENETRATION	3,700.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,700.00	0.00
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	70,950.00	66,700.00	43.40%	0.00	137,650.00	89.56	16,050.00	6,882.50
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	2750.00	52,250.00	95.00%	0.00	55000.00	100.00	0.00	2,750.00
12.03	PURCHASE HANDRAIL	4,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,000.00	0.00
12.04	INSTALL HANDRAIL	3,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,000.00	0.00
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	8500.00	0.00	0.00%	0.00	8500.00	85.00	1,500.00	425.00
12.09	PIPE AND APPURTENANCES INSIDE VAULT	17,000.00	0.00	14,450.00	85.00%	0.00	14450.00	85.00	2,550.00	722.50
12.10	PAINTING	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
13	INFLUENT PUMP STATION	339,300.00	0.00	71,300.00	21.01%	0.00	71,300.00	21.01	268,000.00	3,565.00
13.01	PURCHASE PIPING @ INFLUENT PS	71,300.00	0.00	71,300.00	100.00%	0.00	71300.00	100.00	0.00	3,565.00
13.02	PURCHASE & INSTALL PUMPS @ INFLUENT PS	110,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	110,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	72,000.00	0.00
13.05	PAINTING	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
13.06	CONCRETE WORK @ INFLUENT PS	70,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	70,000.00	0.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	263,800.00	0.00
14.01	PURCHASE AUGER	181,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	181,300.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
14.05	PURCHASE AND INSTALL LADDER	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	695,800.00	0.00
16.01	PROCURE BIOFILTER EQUIPMENT	250,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	250,000.00	0.00
16.02	EXCAVATE FOR BIOFILTERS	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
16.03	PREP SUBRADE	4,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,500.00	0.00
16.04	LAYOUT AND FORM FOR FLOOR	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
16.05	POUR FLOOR	50,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00
16.06	STRIP FLOOR	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
16.07	FORM WALLS	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
16.08	POUR WALLS	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
16.09	STRIP WALLS	14,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	14,800.00	0.00
16.10	CONCRETE CURING	2,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,000.00	0.00
16.11	PURCHASE AND INSTALL PIPING	65,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	65,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	13,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	336,200.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	180,000.00	0.00
17.03	INSTALL GUIDE RAILS AND SUPPORTS	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
17.04	PURCHASE PIPING	115,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	115,000.00	0.00
17.05	INSTALL PIPE IN WETWELL	4,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,800.00	0.00
17.06	INSTALL ABOVE GRADE PIPE	11,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	11,800.00	0.00
17.07	CORE DRILL 12" SBR OVERFLOW	1,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	1,200.00	0.00
17.08	CONCRETE PAD	4,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,000.00	0.00
17.09	PAINTING AND COATING	9,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,900.00	0.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	0.00	0.00	0.00%	0.00	0.00	0.00	1,907,100.00	0.00
18.01	LAYOUT FLOOR	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
18.02	FORM FLOOR	115,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	115,000.00	0.00
18.03	INSTALL REBAR	250,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	250,000.00	0.00

18.04	POUR FLOOR	365,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	365,000.00	0.00
18.05	STRIP FLOOR	95,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	95,900.00	0.00
18.06	CURE FLOOR	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
18.07	ASSEMBLE/DISASSEMBLE WALL FORMS	125,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	125,000.00	0.00
18.08	FORM STRAIGHT WALLS	150,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	150,000.00	0.00
18.09	POUR STRAIGHT WALLS	238,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	238,000.00	0.00
18.10	STRIP STRAIGHT WALLS	90,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	90,000.00	0.00
18.11	CURE STRAIGHT WALLS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
18.12	PATCH STRAIGHT WALLS	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
18.13	FORM THICKENED WALL	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
18.14	POUR THICKENED WALL	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
18.15	STRIP THICKENED WALL	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
18.16	CURE THICKENED WALL	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
18.17	PATCH THICKENED WALL	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
18.18	FORM WALKWAYS	18,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,500.00	0.00
18.19	POUR WALKWAYS	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
18.20	STRIP WALKWAYS	8,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	8,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00
18.24	INSTALL 8" SLUDGE DRAIN LINE	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
18.25	INSTALL MUD VALVES	3,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00
18.26	CONCRETE PADS @ BLOWERS	3,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,000.00	0.00
18.27	INSTALL ABOVE GRADE PIPING @ PUMPS	32,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	32,000.00	0.00
18.28	INSTALL ABOVE GRADE PIPING @ BLOWERS	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
18.29	INSTL ABOVE GRADE AIR PIPING @ SBR TANK	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
18.30	INSTALL ABOVE GRADE OVERFLOW PIPING	40,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	40,000.00	0.00
18.31	INSTALL PIPE SUPPORTS @ SBR TANKS	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
18.32	PAINTING	60,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	60,000.00	0.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	0.00	3,750.00	2.28%	0.00	3,750.00	2.28	160,450.00	187.50
19.01	ACQUIRE ANCHORAGE	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
19.02	UNLOAD OWNER FURNISHED EQUIPMENT	7,500.00	0.00	3,750.00	50.00%	0.00	3,750.00	50.00	3,750.00	187.50
19.03	LAYOUT EQUIPMENT	8,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	8,000.00	0.00
19.04	INSTALL DECANTER SUPPORTS	10,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,500.00	0.00
19.05	INSTALL DECANTERS	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00

19.06	INSTALL INFL. SLUDGE COLL. PIPES (FRP)	28,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	28,000.00	0.00
19.07	INSTALL JET AERATION PIPE ASSEMBLY	18,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,200.00	0.00
19.08	INSTALL PIPE SUPPORTS	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
19.09	INSTALL 12" FILL LINE (FRP)	22,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	22,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	14,000.00	0.00
20	TERTIARY FILTERS	585,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	585,300.00	0.00
20.01	LAYOUT FLOOR	3,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00
20.02	FORM FLOOR	5,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,500.00	0.00
20.03	INSTALL REBAR	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
20.04	POUR FLOOR	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
20.05	STRIP FORMS	4,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,500.00	0.00
20.06	FORM WALLS	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
20.07	INSTALL REBAR	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
20.08	DRILL/SET DOWELS @ WALLS	10,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,300.00	0.00
20.09	FORM CHANNEL WALLS	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
20.10	GRATES AND RAILS	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	425,000.00	0.00
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	33,900.00	0.00
21.01	ACQUIRE NEW AIR COMPRESSORS	29,400.00	0.00	0.00	0.00%	0.00	0.00	0.00	29,400.00	0.00
21.02	REMOVE OLD AIR COMPRESSORS	2,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,000.00	0.00
21.03	INSTALL NEW AIR COMPRESSORS	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
22	AEROBIC DIGESTERS	1,983,300.00	330,500.00	457,500.00	23.07%	0.00	788,000.00	39.73	1,195,300.00	39,400.00
22.01	DRILL/SET DOWELS	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
22.02	LAYOUT SLAB	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
22.03	FORM FLOOR	130,000.00	104000.00	26,000.00	20.00%	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	0.00	250,000.00	100.00%	0.00	250000.00	100.00	0.00	12,500.00
22.06	STRIP SLAB	50,000.00	0.00	50,000.00	100.00%	0.00	50000.00	100.00	0.00	2,500.00
22.07	CURE SLAB	20,000.00	0.00	20,000.00	100.00%	0.00	20000.00	100.00	0.00	1,000.00
22.08	ASSEMBLE/DISASSEMBLE WALL FORMS	85,000.00	0.00	17,000.00	20.00%	0.00	17000.00	20.00	68,000.00	850.00
22.09	FORM WALLS	140,000.00	0.00	7,000.00	5.00%	0.00	7000.00	5.00	133,000.00	350.00
22.10	INSTALL REBAR	175,000.00	0.00	87,500.00	50.00%	0.00	87500.00	50.00	87,500.00	4,375.00
22.11	POUR WALLS	285,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	285,000.00	0.00
22.12	STRIP WALLS	80,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	80,000.00	0.00
22.13	CURE WALLS	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
22.14	SET RAILINGS	65,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	65,000.00	0.00

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	0.00	0.00	0.00%	0.00	0.00	0.00	351,800.00	0.00
22.17	WATERPROOFING	55,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	55,000.00	0.00
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	3,500.00	0.00	0.00%	0.00	3,500.00	0.22	1,595,400.00	175.00
23.01	LAYOUT EQUIPMENT	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
23.02	INSTALL DECANT SUPPORTS	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
23.03	PURCHASE & INSTALL DECANT PIPES AND ARM	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
23.04	INSTALL DIGESTER FOAM CONTROL PIPE	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
23.05	INSTALL FOAM CONTROL PIPE (4" DIP)	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
23.06	INSTALL FOAM SPRAY NOZZLES	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
23.07	PURCHASE AND INSTALL AIR PIPING (SST)	120,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	120,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	52,000.00	0.00
23.10	BUBBLER DIFFUSERS (10%)	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
23.11	BUBBLER DIFFUSERS (10%)	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
23.12	INSTALL COARSE BUBBLER DIFFUSERS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
23.13	INSTALL PIPE SUPPORTS	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
23.14	INSTALL SLIDE GATES	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	220,000.00	0.00
23.17	INSTALL UNDERGROUND AIR PIPING	12,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
23.18	INSTALL PIPING @ BLOWERS	12,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
23.21	INSTALL UNDERGROUND 6" WAS PIPE	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
23.22	INSTALL UNDERGROUND DI PIPING	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
23.23	PURCHASE AND INSTALL POLYMER SYSTEM	29,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	29,900.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	80,000.00	0.00
23.27	PURCHASE PIPING @ DIGESTERS	200,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	200,000.00	0.00
23.28	PURCHASE SLUDGE EFFLUENT PUMP (6P-05)	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	90,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	290,000.00	0.00
24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,900.00	0.00
24.01	ELECTRICAL MODIFICATIONS - INFLUENT PS	18,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,900.00	0.00
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	0.00	25,500.00	8.28%	0.00	25,500.00	8.28	282,500.00	1,275.00
26.01	F&I COND. & PLBOX PRIMARY SED. TANK	120,000.00	0.00	12,000.00	10.00%	0.00	12,000.00	10.00	108,000.00	600.00
26.02	F&I CONDUIT PRIMARY SED. GALLERY	135,000.00	0.00	13,500.00	10.00%	0.00	13,500.00	10.00	121,500.00	675.00
26.03	FURN. LIGHT FIX. PRIM. SED. TANK/GALLERY	18,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,000.00	0.00
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	0.00	4,000.00	3.44%	0.00	4,000.00	3.44	112,400.00	200.00
27.01	FURNISH & INSTALL CONDUIT - EQ. BASIN	40,000.00	0.00	4,000.00	10.00%	0.00	4,000.00	10.00	36,000.00	200.00
27.02	INST. NEW BREAKERS EX. PANELS - EQ BASIN	3,400.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,400.00	0.00
27.03	F&I NEW TOSHIBA VFD - EQ BASIN	67,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	67,000.00	0.00
27.04	WIRING & TERMINATIONS - EQ BASIN	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
28	SBR ELECTRICAL WORK	234,500.00	0.00	15,400.00	6.57%	0.00	15,400.00	6.57	219,100.00	770.00
28.01	F&I CONDUIT & PULL BOXES - SBR	154,000.00	0.00	15,400.00	10.00%	0.00	15,400.00	10.00	138,600.00	770.00
28.02	FURNISH ELECTRICAL SWGR - SBR	4,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	13,600.00	0.00
29.01	CONDUIT & WIRE - TERT FILTER & AIR COMP	13,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	13,600.00	0.00

30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	8,130.00	5,420.00	10.00%	0.00	13,550.00	25.00	40,650.00	677.50
30.01	CONDUIT & WIRE - AEROBIC DIGESTER	54,200.00	8130.00	5,420.00	10.00%	0.00	13550.00	25.00	40,650.00	677.50
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	80,000.00	66,000.00	7.34%	0.00	146,000.00	16.23	753,500.00	7,300.00
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	60000.00	60,000.00	50.00%	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	0.00	0.00	0.00%	0.00	0.00	0.00	114,500.00	0.00
31.05	ELECTRICAL DUCTBANK TERTIARY FILTER	50,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00
31.06	ELECTRICAL DUCTBANK AEROBIC DIGESTOR	60,000.00	0.00	6,000.00	10.00%	0.00	6000.00	10.00	54,000.00	300.00
31.07	ELECTRICAL DUCTBANK CHEMICAL HANDLING	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
31.08	ELECTRICAL DUCTBANK PRIMARY SED	55,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	55,000.00	0.00
31.09	ELECTRICAL DUCTBANK SBR'S	55,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	55,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	39,600.00	0.00
32.01	STARTUP AND TESTING	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
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
TOTAL:		16,444,500.00	1,864,845.00	825,900.00	5.02%	0.00	2690745.00	16.36	13,753,755.00	134,537.25

PAYMENT APPLICATION DETAILS

Customer: TEMESCAL VALLEY WATER DISTRICT

Application Number: 4

Project: C1916-WATER RECLAMATION PLANT PHASE IV

For Period Ending: 02/29/2020

A	B	C	D	E		F	G	H	I	
		Work Completed				Materials Presently Stored	Completed and Stored To Date	Total %	Balance To Finish	Retainage Value
Item Number - Description	Scheduled Value	From Previous Application	This Period Value	Total Percent this Period						
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	623,250.00	4,500.00	0.55%	0.00	627,750.00	76.55	192,250.00	31,387.50
02	SHEETING, SHORING, AND BRACING	6,100.00	0.00	1,525.00	25.00%	0.00	1,525.00	25.00	4,575.00	76.25
03	EROSION CONTROL	55,700.00	17,785.00	2,785.00	5.00%	0.00	20,570.00	36.93	35,130.00	1,028.50
04	SURVEY	24,200.00	2,420.00	7,260.00	30.00%	0.00	9,680.00	40.00	14,520.00	484.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	0.00	4,190.00	10.00%	0.00	4,190.00	10.00	37,710.00	209.50
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	207,500.00	0.00	0.00%	0.00	207,500.00	89.79	23,600.00	10,375.00
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	142,600.00	0.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	404,250.00	66,750.00	4.59%	0.00	471,000.00	32.40	982,900.00	23,550.00
09	GRADING	454,900.00	116,560.00	23,320.00	5.13%	0.00	139,880.00	30.75	315,020.00	6,994.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	48,700.00	0.00
12	EQ BYPASS VAULT INCLUDING PIPING	153,700.00	70,950.00	66,700.00	43.40%	0.00	137,650.00	89.56	16,050.00	6,882.50
13	INFLUENT PUMP STATION	339,300.00	0.00	71,300.00	21.01%	0.00	71,300.00	21.01	268,000.00	3,565.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	263,800.00	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
16	SED TANK & DIGESTERS BIOFILTER SYSTEMS	695,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	695,800.00	0.00
17	EQUALIZATION BASIN PUMP STATION	336,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	336,200.00	0.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	0.00	0.00	0.00%	0.00	0.00	0.00	1,907,100.00	0.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	0.00	3,750.00	2.28%	0.00	3,750.00	2.28	160,450.00	187.50
20	TERTIARY FILTERS	585,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	585,300.00	0.00
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	33,900.00	0.00
22	AEROBIC DIGESTERS	1,983,300.00	330,500.00	457,500.00	23.07%	0.00	788,000.00	39.73	1,195,300.00	39,400.00
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	3,500.00	0.00	0.00%	0.00	3,500.00	0.22	1,595,400.00	175.00

24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,900.00	0.00
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	0.00	25,500.00	8.28%	0.00	25,500.00	8.28	282,500.00	1,275.00
27	EQ BASIN ELECTRICAL	116,400.00	0.00	4,000.00	3.44%	0.00	4,000.00	3.44	112,400.00	200.00
28	SBR ELECTRICAL WORK	234,500.00	0.00	15,400.00	6.57%	0.00	15,400.00	6.57	219,100.00	770.00
29	TERT. FILTER & AIR COMPRESSOR ELECTRICAL	13,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	13,600.00	0.00
30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	8,130.00	5,420.00	10.00%	0.00	13,550.00	25.00	40,650.00	677.50
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	80,000.00	66,000.00	7.34%	0.00	146,000.00	16.23	753,500.00	7,300.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	39,600.00	0.00
TOTAL:		16,444,500.00	1,864,845.00	825,900.00	5.02%	0.00	2690745.00	16.36	13,753,755.00	134,537.25

MEMORANDUM

DATE: April 28, 2020

TO: Board of Directors
Temescal Valley Water District

FROM: General Manager

SUBJECT: Project: Phase IV Water Reclamation Facility Expansion Project –Payment Request 5
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
Earned this Period -	\$433,450.00
5% retention -	\$ 21,672.50
Earned less retention -	\$411,777.50

DUE - Contractor \$ 411,777.50

RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the payment of \$433,450.00 which is a current payment of \$411,777.50 to the Contractor and a retention payment of \$21,672.50 to be deposited in an Escrow Account.

Respectfully submitted,



Jeff Pape
General Manager

**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	\$ 16,400,000.00			
10% Contingency	\$ 1,640,000.00			
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	\$ 75,000.00	Bid RFI's, Constr. RCO, RFI's	\$ 75,000.00	
TVWD	\$ 50,000.00	Estimate - SCADA/Integrator	\$ 50,000.00	
	\$ 19,793,391.09			
Total	\$ 21,534,789.79		\$ 2,400,658.70	\$ 1,094,131.09
	\$ 31.90			
	\$ 8,294.88			

Pacific Hydrotech Contract Summary

Contract Amount	\$ 16,444,500.00
Sum of Change Orders	\$ -
Current contract Amount	\$ 16,444,500.00

EDUs	Cost Responsibility per Agreements	%	Splits	Paid or Responsibility	Due During Const	Funds on Hand	Delta
865.38	TVWD %	0.33333	\$ 7,178,263.26	\$ 2,400,658.70	\$ 4,777,604.56	\$ 4,777,604.56	\$ -
1,569.50	Forestar %	0.66667	\$ 13,018,826.53				
165.00	Glen Ivy GOCO	0.06370	\$ 1,337,700.00				
1,344.59	CFD Bond funding = 85.67%		\$ 11,153,228.69		\$ 11,153,228.69	\$ 9,847,409.00	\$ (1,305,820)
224.91	Developer =14.33%		\$ 1,865,597.84	\$ 1,094,131.09	\$ 771,466.75	0	\$ (771,467)
					\$ 16,702,300.00		\$ (2,077,286)

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 # 5 PERIOD THRU: 03/31/2020 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	0.00
3. CURRENT CONTRACT AMOUNT (Line 1 + 2)	16,444,500.00
4. TOTAL COMPLETED AND STORED (Column G on Continuation Page)	3,124,195.00
5. RETAINAGE:	
A. 5% Of Completed Work (Columns D+ E on Continuation Page)	156,209.75
B. 5% of Material Stored (Column F on Continuation Page)	0.00
Total Retainage (Line 5a + 5b or Column I on Continuation Page)	156,209.75
6. TOTAL COMPLETED AND STORED LESS RETAINAGE: (Line 4 minus Line 5 Total)	2,967,985.25
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT:	2,556,207.75
8. CURRENT PAYMENT DUE:	411,777.50
9. BALANCE HELD BY OWNER: Line 3 - Line 6	13,476,514.75

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

CONTRACTOR: PACIFIC HYDROTECH CORPORATION

Contractor's signature below:

By: *Jonathan Hilber* Date: 4/10/2020

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

By: *Bob Weber* Date: 4/13/2020

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

By: *Roland Kera* Date: 4-13-2020

OWNER'S CERTIFICATION

CERTIFIED AMOUNT:

.....411,777.50

OWNER: TEMESCAL VALLEY WATER DISTRICT

Owner's signature below

By: *[Signature]* Date: 4/16/2020

PAYMENT APPLICATION DETAILS

Customer: TEMESCAL VALLEY WATER DISTRICT

Application Number: 5

Project: C1916-WATER RECLAMATION PLANT PHASE IV

For Period Ending: 03/31/2020

A	B	C	Work Completed			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	627,750.00	20,750.00	2.53%	0.00	648,500.00	79.09	171,500.00	32,425.00
02	SHEETING, SHORING, AND BRACING	5,100.00	1,525.00	610.00	10.00%	0.00	2,135.00	35.00	3,965.00	106.75
03	EROSION CONTROL	55,700.00	20,570.00	3,785.00	6.80%	0.00	24,355.00	43.73	31,345.00	1,217.75
04	SURVEY	24,200.00	9,680.00	0.00	0.00%	0.00	9,680.00	40.00	14,520.00	484.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	4,190.00	2,095.00	5.00%	0.00	6,285.00	15.00	35,615.00	314.25
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	207,500.00	0.00	0.00%	0.00	207,500.00	89.79	23,600.00	10,375.00
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	142,600.00	0.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	471,000.00	23,250.00	1.60%	0.00	494,250.00	33.99	959,650.00	24,712.50
09	GRADING	454,900.00	139,880.00	24,710.00	5.43%	0.00	164,590.00	36.18	290,310.00	8,229.50
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	0.00	0.00	0.00%	0.00	0.00	0.00	48,700.00	0.00
12	EQ BYPASS VAULT INCLUDING PIPING	153,700.00	137,650.00	0.00	0.00%	0.00	137,650.00	89.56	16,050.00	6,882.50
13	INFLUENT PUMP STATION	339,300.00	71,300.00	22,000.00	6.48%	0.00	93,300.00	27.50	246,000.00	4,665.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	263,800.00	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
16	SED TANK & DIGESTERS BIOFILTER SYSTEMS	695,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	695,800.00	0.00
17	EQUALIZATION BASIN PUMP STATION	336,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	336,200.00	0.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	0.00	79,000.00	4.14%	0.00	79,000.00	4.14	1,828,100.00	3,950.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	3,750.00	0.00	0.00%	0.00	3,750.00	2.28	160,450.00	187.50
20	TERTIARY FILTERS	585,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	585,300.00	0.00
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	33,900.00	0.00
22	AEROBIC DIGESTERS	1,983,300.00	788,000.00	194,250.00	9.79%	0.00	982,250.00	49.53	1,001,050.00	49,112.50
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	3,500.00	0.00	0.00%	0.00	3,500.00	0.22	1,595,400.00	175.00

24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,900.00	0.00
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	25,500.00	0.00	0.00%	0.00	25,500.00	8.28	282,500.00	1,275.00
27	EQ BASIN ELECTRICAL	116,400.00	4,000.00	0.00	0.00%	0.00	4,000.00	3.44	112,400.00	200.00
28	SBR ELECTRICAL WORK	234,500.00	15,400.00	0.00	0.00%	0.00	15,400.00	6.57	219,100.00	770.00
29	TERT. FILTER & AIR COMPRESSOR ELECTRICAL	13,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	13,600.00	0.00
30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	13,550.00	0.00	0.00%	0.00	13,550.00	25.00	40,650.00	677.50
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	146,000.00	63,000.00	7.00%	0.00	209,000.00	23.24	690,500.00	10,450.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	39,600.00	0.00
TOTAL:		16,444,500.00	2,690,745.00	433,450.00	2.64%	0.00	312,4195.00	19.00	13,320,305.00	156,209.75

Handwritten blue ink signatures and scribbles, including a large circular mark and several overlapping horizontal lines.

PAYMENT APPLICATION DETAILS

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

Application Number: 5
 For Period Ending: 03/31/2020

A	B	C	D			F	G		H	I
			From Previous Application	This Period Value	Total Percent this Period		Completed and Stored To Date	Total %		
Item Number - Description		Scheduled Value				Materials Presently Stored				
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	627,750.00	20,750.00	2.53%	0.00	648,500.00	79.09	171,500.00	32,425.00
01.01	BONDS AND INSURANCE	350,000.00	350,000.00	0.00	0.00%	0.00	350,000.00	100.00	0.00	17,500.00
01.02	MOBILIZE EQUIPMENT AND TEMP FACILITIES	325,000.00	243,750.00	16,250.00	5.00%	0.00	260,000.00	80.00	65,000.00	13,000.00
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	17,000.00	0.00	0.00%	0.00	17,000.00	85.00	3,000.00	850.00
01.05	CONSTRUCTION SCHEDULING	30,000.00	3,000.00	1,500.00	5.00%	0.00	4,500.00	15.00	25,500.00	225.00
01.06	PRECONSTRUCTION VIDEO	5,000.00	5,000.00	0.00	0.00%	0.00	5,000.00	100.00	0.00	250.00
01.07	MAINTAIN TEMP FACILITIES	60,000.00	9,000.00	3,000.00	5.00%	0.00	12,000.00	20.00	48,000.00	600.00
02	SHEETING, SHORING, AND BRACING	6,100.00	1,525.00	610.00	10.00%	0.00	2,135.00	35.00	3,965.00	106.75
02.01	TRENCH SHORING	6,100.00	1,525.00	610.00	10.00%	0.00	2,135.00	35.00	3,965.00	106.75
03	EROSION CONTROL	55,700.00	20,570.00	3,785.00	6.80%	0.00	24,355.00	43.73	31,345.00	1,217.75
03.01	BMP INSTALLATION	20,000.00	17,000.00	2,000.00	10.00%	0.00	19,000.00	95.00	1,000.00	950.00
03.02	BMP MAINTENANCE	35,700.00	3,570.00	1,785.00	5.00%	0.00	5,355.00	15.00	30,345.00	267.75
04	SURVEY	24,200.00	9,680.00	0.00	0.00%	0.00	9,680.00	40.00	14,520.00	484.00
04.01	SURVEY	24,200.00	9,680.00	0.00	0.00%	0.00	9,680.00	40.00	14,520.00	484.00
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	4,190.00	2,095.00	5.00%	0.00	6,285.00	15.00	35,615.00	314.25
05.01	MAINTAIN PLANT FACILITY OPERATIONS	41,900.00	4,190.00	2,095.00	5.00%	0.00	6,285.00	15.00	35,615.00	314.25
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	207,500.00	0.00	0.00%	0.00	207,500.00	89.79	23,600.00	10,375.00
06.01	EXCAVATE AND BACKFILL FOR ELECTRICAL	95,000.00	95,000.00	0.00	0.00%	0.00	95,000.00	100.00	0.00	4,750.00
06.02	ELECT. DISCONNECT & REMOVAL OF WIRING	45,000.00	45,000.00	0.00	0.00%	0.00	45,000.00	100.00	0.00	2,250.00
06.03	FURNISH & INSTALL PULL BOX PER DE0.0	12,500.00	12,500.00	0.00	0.00%	0.00	12,500.00	100.00	0.00	625.00
06.04	FURNISH & INSTALL SCE CONDUIT PER DE0.0	55,000.00	55,000.00	0.00	0.00%	0.00	55,000.00	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 DEO.0 NOTE 14	20,100.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,100.00	0.00
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	142,600.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	23,600.00	0.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	471,000.00	23,250.00	1.60%	0.00	494,250.00	33.99	959,650.00	24,712.50
08.01	POTHOLE	40,000.00	32000.00	0.00	0.00%	0.00	32000.00	80.00	8,000.00	1,600.00
08.02	UNLOAD PIPE MATERIALS	25,000.00	12500.00	6,250.00	25.00%	0.00	18750.00	75.00	6,250.00	937.50
08.03	16" SEDIMENTATION TANK BYPASS LINE	125,000.00	112500.00	0.00	0.00%	0.00	112500.00	90.00	12,500.00	5,625.00
08.04	10" PEF - PS TO EX 16" GE (11 thru 18)	175,000.00	140000.00	0.00	0.00%	0.00	140000.00	80.00	35,000.00	7,000.00
08.05	10" PEF - PS TO EX 16" GE (19 thru 25)	175,000.00	140000.00	0.00	0.00%	0.00	140000.00	80.00	35,000.00	7,000.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	18,000.00	0.00
08.10	4" PS/SC SCUM LINE TO DIGESTERS	85,000.00	34000.00	17,000.00	20.00%	0.00	51000.00	60.00	34,000.00	2,550.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
08.13	12"/16"24" SE PIPING @ SBR's	145,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	145,000.00	0.00
08.14	12" WAS TO EXISTING PIPE	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	38,000.00	0.00
08.17	6" TD PIPE @ TERTIARY FILTERS	32,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	32,000.00	0.00
08.18	8" DIGESTED SLUDGE TO EX. PIPE @ DIG'S	78,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	78,000.00	0.00
08.19	4" BIOFILTER DRAIN TO PS	53,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	53,000.00	0.00
08.20	2" WHP LINE @ DIGESTERS	14,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	14,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00

09	GRADING	454,900.00	139,880.00	24,710.00	5.43%	0.00	164,590.00	36.18	290,310.00	8,229.50
09.01	EXCAVATE INFLUENT VAULTS	10,000.00	2500.00	0.00	0.00%	0.00	2500.00	25.00	7,500.00	125.00
09.02	FINE GRADE BOTTOM	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
09.03	BACKFILL INFLUENT VALVE VAULTS	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
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	0.00	750.00	10.00%	0.00	750.00	10.00	6,750.00	37.50
09.10	EXCAVATE TERTIARY FILTERS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
09.11	FINE GRADE BOTTOM	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
09.12	BACKFILL TERTIARY FILTERS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
09.13	EXCAVATE DIGESTERS & BIOFILTER	65,000.00	48750.00	0.00	0.00%	0.00	48750.00	75.00	16,250.00	2,437.50
09.14	FINE GRADE BOTTOM	7,000.00	5250.00	0.00	0.00%	0.00	5250.00	75.00	1,750.00	262.50
09.15	BACKFILL DIGESTERS & BIOFILTER	62,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	62,000.00	0.00
09.16	LOAD EXPORT TRUCKS	31,400.00	14130.00	4,710.00	15.00%	0.00	18840.00	60.00	12,560.00	942.00
09.17	EXPORT SPOILS	125,000.00	56250.00	18,750.00	15.00%	0.00	75000.00	60.00	50,000.00	3,750.00
09.18	ROAD CLEAN UP	5,000.00	1000.00	500.00	10.00%	0.00	1500.00	30.00	3,500.00	75.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	48,700.00	0.00
11.01	TEMPORARY BYPASS PIPING SYSTEM	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
11.02	INSTALL/REMOVE PIPING @ INFL PS	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
11.03	PATCH PRECAST WALL PENETRATION	3,700.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,700.00	0.00
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	137,650.00	0.00	0.00%	0.00	137,650.00	89.56	16,050.00	6,882.50
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	0.00	0.00	0.00%	0.00	0.00	0.00	4,000.00	0.00
12.04	INSTALL HANDRAIL	3,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,000.00	0.00
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	8500.00	0.00	0.00%	0.00	8500.00	85.00	1,500.00	425.00
12.09	PIPE AND APPURTENANCES INSIDE VAULT	17,000.00	14450.00	0.00	0.00%	0.00	14450.00	85.00	2,550.00	722.50
12.10	PAINTING	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
13	INFLUENT PUMP STATION	339,300.00	71,300.00	22,000.00	6.48%	0.00	93,300.00	27.50	246,000.00	4,665.00
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	0.00	22,000.00	20.00%	0.00	22000.00	20.00	88,000.00	1,100.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	72,000.00	0.00
13.05	PAINTING	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
13.06	CONCRETE WORK @ INFLUENT PS	70,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	70,000.00	0.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	263,800.00	0.00
14.01	PURCHASE AUGER	181,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	181,300.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
14.05	PURCHASE AND INSTALL LADDER	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	695,800.00	0.00
16.01	PROCURE BIOFILTER EQUIPMENT	250,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	250,000.00	0.00
16.02	EXCAVATE FOR BIOFILTERS	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
16.03	PREP SUBRADE	4,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,500.00	0.00
16.04	LAYOUT AND FORM FOR FLOOR	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
16.05	POUR FLOOR	50,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00
16.06	STRIP FLOOR	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
16.07	FORM WALLS	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
16.08	POUR WALLS	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
16.09	STRIP WALLS	14,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	14,800.00	0.00
16.10	CONCRETE CURING	2,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,000.00	0.00
16.11	PURCHASE AND INSTALL PIPING	65,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	65,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	50,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	13,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	336,200.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	180,000.00	0.00
17.03	INSTALL GUIDE RAILS AND SUPPORTS	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
17.04	PURCHASE PIPING	115,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	115,000.00	0.00
17.05	INSTALL PIPE IN WETWELL	4,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,800.00	0.00
17.06	INSTALL ABOVE GRADE PIPE	11,800.00	0.00	0.00	0.00%	0.00	0.00	0.00	11,800.00	0.00
17.07	CORE DRILL 12" SBR OVERFLOW	1,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	1,200.00	0.00
17.08	CONCRETE PAD	4,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,000.00	0.00
17.09	PAINTING AND COATING	9,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,900.00	0.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	0.00	79,000.00	4.14%	0.00	79,000.00	4.14	1,828,100.00	3,950.00
18.01	LAYOUT FLOOR	10,000.00	0.00	10,000.00	100.00%	0.00	10000.00	100.00	0.00	500.00
18.02	FORM FLOOR	115,000.00	0.00	69,000.00	60.00%	0.00	69000.00	60.00	46,000.00	3,450.00
18.03	INSTALL REBAR	250,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	250,000.00	0.00

18.04	POUR FLOOR	365,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	365,000.00	0.00
18.05	STRIP FLOOR	95,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	95,900.00	0.00
18.06	CURE FLOOR	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
18.07	ASSEMBLE/DISASSEMBLE WALL FORMS	125,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	125,000.00	0.00
18.08	FORM STRAIGHT WALLS	150,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	150,000.00	0.00
18.09	POUR STRAIGHT WALLS	238,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	238,000.00	0.00
18.10	STRIP STRAIGHT WALLS	90,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	90,000.00	0.00
18.11	CURE STRAIGHT WALLS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
18.12	PATCH STRAIGHT WALLS	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
18.13	FORM THICKENED WALL	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
18.14	POUR THICKENED WALL	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
18.15	STRIP THICKENED WALL	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
18.16	CURE THICKENED WALL	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
18.17	PATCH THICKENED WALL	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
18.18	FORM WALKWAYS	18,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,500.00	0.00
18.19	POUR WALKWAYS	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
18.20	STRIP WALKWAYS	8,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	8,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00
18.24	INSTALL 8" SLUDGE DRAIN LINE	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
18.25	INSTALL MUD VALVES	3,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00
18.26	CONCRETE PADS @ BLOWERS	3,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,000.00	0.00
18.27	INSTALL ABOVE GRADE PIPING @ PUMPS	32,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	32,000.00	0.00
18.28	INSTALL ABOVE GRADE PIPING @ BLOWERS	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
18.29	INSTL ABOVE GRADE AIR PIPING @ SBR TANK	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
18.30	INSTALL ABOVE GRADE OVERFLOW PIPING	40,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	40,000.00	0.00
18.31	INSTALL PIPE SUPPORTS @ SBR TANKS	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
18.32	PAINTING	60,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	60,000.00	0.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	3,750.00	0.00	0.00%	0.00	3,750.00	2.28	160,450.00	187.50
19.01	ACQUIRE ANCHORAGE	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
19.02	UNLOAD OWNER FURNISHED EQUIPMENT	7,500.00	3750.00	0.00	0.00%	0.00	3750.00	50.00	3,750.00	187.50
19.03	LAYOUT EQUIPMENT	8,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	8,000.00	0.00
19.04	INSTALL DECANTER SUPPORTS	10,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,500.00	0.00
19.05	INSTALL DECANTERS	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00

19.06	INSTALL INFL. SLUDGE COLL. PIPES (FRP)	28,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	28,000.00	0.00
19.07	INSTALL JET AERATION PIPE ASSEMBLY	18,200.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,200.00	0.00
19.08	INSTALL PIPE SUPPORTS	7,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,500.00	0.00
19.09	INSTALL 12" FILL LINE (FRP)	22,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	22,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	14,000.00	0.00
20	TERTIARY FILTERS	585,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	585,300.00	0.00
20.01	LAYOUT FLOOR	3,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00
20.02	FORM FLOOR	5,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,500.00	0.00
20.03	INSTALL REBAR	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
20.04	POUR FLOOR	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
20.05	STRIP FORMS	4,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,500.00	0.00
20.06	FORM WALLS	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
20.07	INSTALL REBAR	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
20.08	DRILL/SET DOWELS @ WALLS	10,300.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,300.00	0.00
20.09	FORM CHANNEL WALLS	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
20.10	GRATES AND RAILS	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	425,000.00	0.00
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	33,900.00	0.00
21.01	ACQUIRE NEW AIR COMPRESSORS	29,400.00	0.00	0.00	0.00%	0.00	0.00	0.00	29,400.00	0.00
21.02	REMOVE OLD AIR COMPRESSORS	2,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,000.00	0.00
21.03	INSTALL NEW AIR COMPRESSORS	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
22	AEROBIC DIGESTERS	1,983,300.00	788,000.00	194,250.00	9.79%	0.00	982,250.00	49.53	1,001,050.00	49,112.50
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	17000.00	25,500.00	30.00%	0.00	42500.00	50.00	42,500.00	2,125.00
22.09	FORM WALLS	140,000.00	7000.00	35,000.00	25.00%	0.00	42000.00	30.00	98,000.00	2,100.00
22.10	INSTALL REBAR	175,000.00	87500.00	52,500.00	30.00%	0.00	140000.00	80.00	35,000.00	7,000.00
22.11	POUR WALLS	285,000.00	0.00	57,000.00	20.00%	0.00	57000.00	20.00	228,000.00	2,850.00
22.12	STRIP WALLS	80,000.00	0.00	16,000.00	20.00%	0.00	16000.00	20.00	64,000.00	800.00
22.13	CURE WALLS	25,000.00	0.00	5,000.00	20.00%	0.00	5000.00	20.00	20,000.00	250.00
22.14	SET RAILINGS	65,000.00	0.00	3,250.00	5.00%	0.00	3250.00	5.00	61,750.00	162.50

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	0.00	0.00	0.00%	0.00	0.00	0.00	351,800.00	0.00
22.17	WATERPROOFING	55,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	55,000.00	0.00
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	3,500.00	0.00	0.00%	0.00	3,500.00	0.22	1,595,400.00	175.00
23.01	LAYOUT EQUIPMENT	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
23.02	INSTALL DECANT SUPPORTS	2,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	2,500.00	0.00
23.03	PURCHASE & INSTALL DECANT PIPES AND ARM	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
23.04	INSTALL DIGESTER FOAM CONTROL PIPE	20,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
23.05	INSTALL FOAM CONTROL PIPE (4" DIP)	25,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	25,000.00	0.00
23.06	INSTALL FOAM SPRAY NOZZLES	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
23.07	PURCHASE AND INSTALL AIR PIPING (SST)	120,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	120,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	52,000.00	0.00
23.10	BUBBLER DIFFUSERS (10%)	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
23.11	BUBBLER DIFFUSERS (10%)	7,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	7,000.00	0.00
23.12	INSTALL COARSE BUBBLER DIFFUSERS	6,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,500.00	0.00
23.13	INSTALL PIPE SUPPORTS	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
23.14	INSTALL SLIDE GATES	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	220,000.00	0.00
23.17	INSTALL UNDERGROUND AIR PIPING	12,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
23.18	INSTALL PIPING @ BLOWERS	12,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
23.21	INSTALL UNDERGROUND 6" WAS PIPE	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
23.22	INSTALL UNDERGROUND DI PIPING	5,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	5,000.00	0.00
23.23	PURCHASE AND INSTALL POLYMER SYSTEM	29,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	29,900.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	80,000.00	0.00
23.27	PURCHASE PIPING @ DIGESTERS	200,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	200,000.00	0.00
23.28	PURCHASE SLUDGE EFFLUENT PUMP (6P-05)	15,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	15,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	90,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	20,000.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	290,000.00	0.00
24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,900.00	0.00
24.01	ELECTRICAL MODIFICATIONS - INFLUENT PS	18,900.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,900.00	0.00
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	25,500.00	0.00	0.00%	0.00	25,500.00	8.28	282,500.00	1,275.00
26.01	F&I COND. & PLBOX PRIMARY SED. TANK	120,000.00	12000.00	0.00	0.00%	0.00	12000.00	10.00	108,000.00	600.00
26.02	F&I CONDUIT PRIMARY SED. GALLERY	135,000.00	13500.00	0.00	0.00%	0.00	13500.00	10.00	121,500.00	675.00
26.03	FURN. LIGHT FIX. PRIM. SED. TANK/GALLERY	18,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	18,000.00	0.00
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	4,000.00	0.00	0.00%	0.00	4,000.00	3.44	112,400.00	200.00
27.01	FURNISH & INSTALL CONDUIT - EQ. BASIN	40,000.00	4000.00	0.00	0.00%	0.00	4000.00	10.00	36,000.00	200.00
27.02	INST. NEW BREAKERS EX. PANELS - EQ BASIN	3,400.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,400.00	0.00
27.03	F&I NEW TOSHIBA VFD - EQ BASIN	67,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	67,000.00	0.00
27.04	WIRING & TERMINATIONS - EQ BASIN	6,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	6,000.00	0.00
28	SBR ELECTRICAL WORK	234,500.00	15,400.00	0.00	0.00%	0.00	15,400.00	6.57	219,100.00	770.00
28.01	F&I CONDUIT & PULL BOXES - SBR	154,000.00	15400.00	0.00	0.00%	0.00	15400.00	10.00	138,600.00	770.00
28.02	FURNISH ELECTRICAL SWGR - SBR	4,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,500.00	0.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	13,600.00	0.00
29.01	CONDUIT & WIRE - TERT FILTER & AIR COMP	13,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	13,600.00	0.00

30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	13,550.00	0.00	0.00%	0.00	13,550.00	25.00	40,650.00	677.50
30.01	CONDUIT & WIRE - AEROBIC DIGESTER	54,200.00	13550.00	0.00	0.00%	0.00	13550.00	25.00	40,650.00	677.50
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	146,000.00	63,000.00	7.00%	0.00	209,000.00	23.24	690,500.00	10,450.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	114,500.00	0.00
31.05	ELECTRICAL DUCTBANK TERTIARY FILTER	50,000.00	0.00	30,000.00	60.00%	0.00	30000.00	60.00	20,000.00	1,500.00
31.06	ELECTRICAL DUCTBANK AEROBIC DIGESTOR	60,000.00	6000.00	0.00	0.00%	0.00	6000.00	10.00	54,000.00	300.00
31.07	ELECTRICAL DUCTBANK CHEMICAL HANDLING	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
31.08	ELECTRICAL DUCTBANK PRIMARY SED	55,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	55,000.00	0.00
31.09	ELECTRICAL DUCTBANK SBR'S	55,000.00	0.00	33,000.00	60.00%	0.00	33000.00	60.00	22,000.00	1,650.00
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	0.00	0.00	0.00%	0.00	0.00	0.00	39,600.00	0.00
32.01	STARTUP AND TESTING	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
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
TOTAL:		16,444,500.00	2,690,745.00	433,450.00	2.64%	0.00	3124195.00	19.00	13,320,305.00	156,209.75

April 24, 2020

Board of Directors
Temescal Valley Water District

Re: Water and Sewer Operations – March 2020

Dear Board Members:

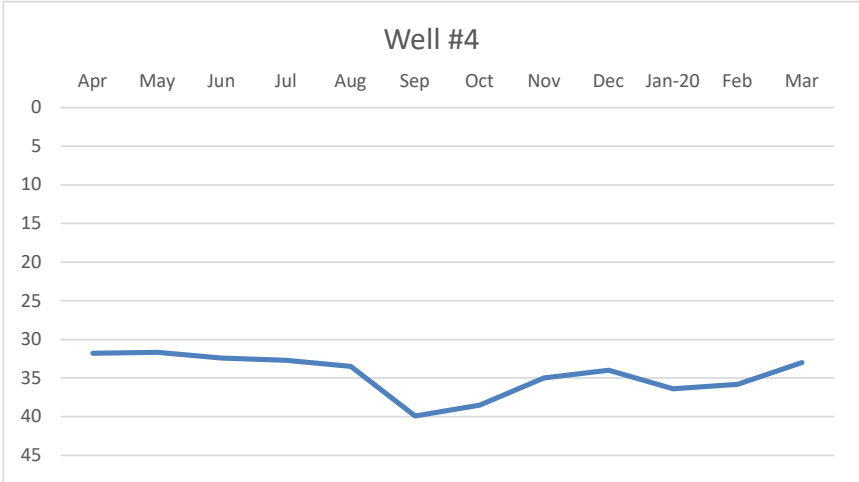
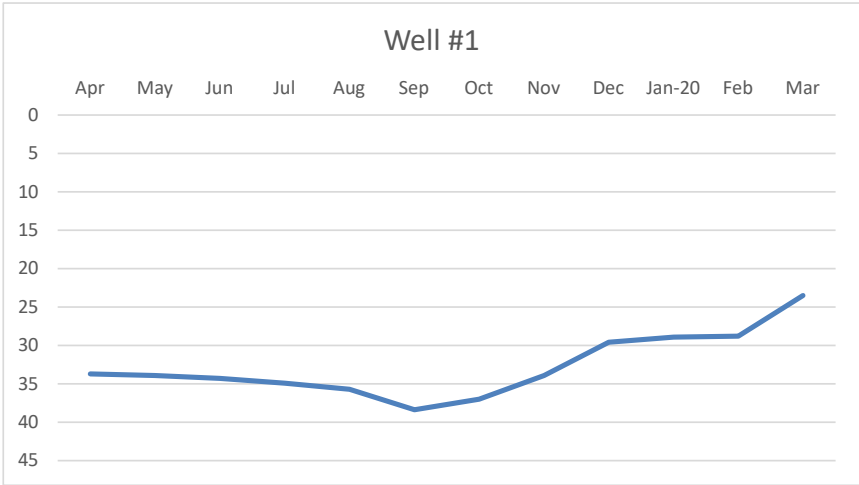
Temescal Valley Water District operations personnel perform the following tasks on a regular and routine basis:

- Managed 162.04 acre-feet of water through system.
- Collected monthly potable water samples. We are now collecting four samples per week as required by the State Water Resources Control Board, Division of Drinking Water. Collected monthly and weekly wastewater samples as required by Regional Water Quality Control Board.
- 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 5874 water meters.
- 0 shut offs.
- Responded 96 service calls.
- Installed 6 meters for the various developers
- Responded to 69 USA Dig Alerts to mark District underground utilities.

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

- Maintained aesthetic appearance of all District facilities.
- 13 loads of biosolids were hauled off this period.
- Operations staff cleaned out Digesters 1 & 2.
- Staff has responded to the increased flow and subsequent solids loading to the treatment plant with innovative ideas and increased efforts.

Sincerely,
Paul Bishop, Superintendent



**TEMESCAL VALLEY WATER DISTRICT
ENGINEERING DEPARTMENT**

DISTRICT ENGINEER'S MONTHLY REPORT

Date: April 23, 2020
To: Jeff Pape, General Manager
From: Justin Scheidel, District Engineer
Subject: Engineering Activities Update for the Month of April 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) – 2nd plan check completed, comments returned to the Engineer for incorporation.

Tract 37153 “Motor Court Development” (10555, Phase 11) – 2nd plan check completed and comments were returned to the Engineer for incorporation. Currently under review by the County of Riverside.

Speedway Commercial Development (10555, Phase 13) – Final mylars were signed for construction.

CAPITAL IMPROVEMENT PROJECTS **Status**

Dawson Canyon 1320 Potable Water Reservoir Design (1401.1810): Dawson Canyon 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

AS-NEEDED ENGINEERING SERVICES **Status**

General Engineering Initiated During FY 2018/19

Project 1401.1901: As-Needed Potable Water Engineering for FY 2019/20: Development of the district engineering report and attendance of the District's board meeting.

Project 1401.1902: Non-Potable Water Related Services for FY 2019/20: No activity this month.

Project 1401.1903: Wastewater Related Services for FY 2019/20: No activity this month.

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 90% Complete

Project 1401.1811: Water System Master Plan Update: Draft water system master plan submitted to the General Manager for review. We will work with the general manager to review the document, run additional operation scenarios in the model, and provide a final master plan to the District for future development planning.

Draft Report Completed

Project 1401.1812: Non-Potable Master Plan Update: Draft non-potable water system master plan submitted to the General Manager for review. We will work with the general manager to review the document, run additional operation scenarios in the model, and provide a final master plan to the District for future development planning.

Draft Report Completed

Project 1401.1815: Sewer System Master Plan Update: Completed import of GIS information into the model. Currently wrapping up edits to the sewer system and fixing bugs to facilitate calibration of the model and drafting of the master plan report.

Draft Report Completed

Project 1401.1906: Knabe Road Potable Waterline: Completed plan and profile drawings for the project and project specifications. Currently the 90% design submittal has been provided to the District Manager for review.

90% Complete

Project 1401.1907: Trilogy Reservoir Rehabilitation: The project was bid on 12/19/19 with two responsive bidders. The board has decided to re-bid the project removing the interior coating rehabilitation from the bid to fit within budget constraints. The bid documents were revised and the project was placed out to bid. Due to the current operational status of the District the public bid was retracted and is currently postponed until further notice.

95% Complete

Project 1401.1908: Emergency Ag-Line Repair: The project is completed and the pipeline has resumed operation.