

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

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

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

**AGENDA ITEMS**

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

**PUBLIC COMMENT**

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

**NOTICE TO PUBLIC**

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

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

**AFFIDAVIT OF POSTING**

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

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Allison Harnden, Office Manager

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

**Page No.**

1. **Roll Call and Call to Order.**
2. **Presentations and Acknowledgments.**
3. **Public Comment.** If you would like to become an Attendee of the online Zoom Meeting click this link [https://dudek.zoom.us/webinar/register/WN\\_K7\\_Ccie7SUCtDWusOpuDXw](https://dudek.zoom.us/webinar/register/WN_K7_Ccie7SUCtDWusOpuDXw). To be called on for Public Comment please raise your hand. Questions can be submitted through the Q&A option.

**BOARD ITEMS:**

4. **Minutes of the January 26, 2021 Regular Meeting.** **6-9**  
**RECOMMENDATION:** Approve Minutes as written.
5. **Payment Authorization Report.** **10-12**  
**RECOMMENDATION:** Approve Report and authorize payment of the January 26-February 23, 2021 invoices.
6. **Revenue & Expenditure Reports. (Unaudited).** **13-29**
  - a. Revenue & Expenditure Reports.**RECOMMENDATION:** Note and file.
7. **Trilogy Development.**
  - a. Homeowners Association update. (-)
  - b. Golf Course update. (-)
8. **Sycamore Creek Development.**
  - a. Project Update. (-)
  - b. 1735 homes to be built. 1732 houses occupied to date. 99% complete.

	<u>Page No.</u>
<b>9. Retreat Development.</b>	(-)
a. Project Update.	
<b>10. Terramor Development (Forestar Toscana).</b>	
a. Project Update.	(-)
b. 1443 homes to be built. 635 houses occupied to date. 44% complete.	
<b>11. Water Utilization Reports.</b>	<b>30-42</b>
<b>RECOMMENDATION:</b> Note and file.	
<b>12. Sustainable Groundwater Management Act.</b>	(-)
a. Project Update.	
<b>13. Committee Reports.</b>	
a. Finance/Legislation (Director Rodriguez).	(-)
b. Engineering/Operations (Director Myers).	(-)
c. Public Relations (Allison Harnden).	(-)
<b>14. General Manager's Report.</b>	
a. General Manager's Report.	<b>43-44</b>
b. Pacific Hydrotech Corporation Payment Request #15.	<b>45-59</b>
<b>RECOMMENDATION:</b> Authorize the payment of \$1,153,238.25 to Pacific Hydrotech as well as a retention payment of \$60,696.75 to be deposited into an Escrow Account for a total of \$1,213,935.00.	
c. Sourcewell Quote for Volvo L60H Wheel Loader High Lift.	<b>60-67</b>
<b>RECOMMENDATION:</b> Approve purchase of new loader in the amount of \$146,072.00.	
<b>15. Operations Report.</b>	<b>68-70</b>
a. Water and Sewer Operations.	

	<b><u>Page No.</u></b>
<b>16. District Engineer's Report.</b>	
a. Status of Projects.	71-72
<b>17. District Counsel's Report.</b>	(-)
<b>18. Seminars/Workshops.</b>	(-)
<b>19. Consideration of Correspondence.</b>	73
An informational package containing copies of all pertinent correspondence for the Month of January will be distributed to each Director along with the Agenda.	
<b>20. Adjournment.</b>	(-)

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

**January 26, 2021**

**PRESENT**

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

**ABSENT**

**GUESTS**

T. Davis  
B. Forbath  
B. Van Lant

**STAFF**

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

**1. Roll Call and Call to Order.**

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

**2. Presentations and Acknowledgments.**

**3. Public Comment.**

**BOARD ITEMS:**

**4. Minutes of the December 22, 2020 Regular Meeting.**

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

**5. Payment Authorization Report.**

**ACTION:** Director Rodriguez moved to approve the December 22, 2020-January 26, 2021 invoices. Director Harich seconded. Motion carried unanimously.

**6. Revenue & Expenditure Reports. (Unaudited).**

a. Revenue & Expenditure Reports.

**ACTION:** Note and file.

**7. Audited Annual Financial Report FY 19/20.**

**ACTION:** Brett Van Lant gave a summary of the FY 19/20 Financials to the Board. Director Rodriguez moved to accept the audited financial report as presented. Director Harich seconded. Motion carried unanimously.

**8. Trilogy Development.**

- a. Homeowners Association update.
- b. Golf Course update.

**9. Sycamore Creek Development.**

- a. Project Update.
- b. 1738 homes to be built. 1732 houses occupied to date. 99% complete.

**10. Retreat Development.**

- a. Project Update.

**11. Terramor Development (Forestar Toscana).**

- a. Project Update.
- b. Resolution No. R-21-01. Resolution Accepting Unanimous Approval of Property Owners to Annex Certain Property to Improvement Area No. 2 of Community Facilities District No. 4 (Terramor).

**ACTION:** Director Rodriguez moved to adopt Resolution No. R-21-01. Director Butler seconded. Motion carried unanimously.

- c. Resolution No. R-21-02. Resolution of Intention to Annex Certain Property to Improvement Area No. 2 of Community Facilities District No. 4 (Terramor) of TVWD.

**ACTION:** Director Rodriguez moved to adopt Resolution No. R-21-02. Director Butler seconded. Motion carried unanimously.

- d. 1443 homes to be built. 618 houses occupied to date. 43% complete.

**12. Harmony Grove (Griffin Homes).**

- a. Project Update.
- b. 50 estimated homes to be built. 50 houses released to date.

**13. Water Utilization Reports.**

**ACTION:** Note and file.

**14. Sustainable Groundwater Management Act.**

- a. Project Update.

**15. Committee Reports.**

- a. Finance/Legislative (Director Rodriguez).
- b. Engineering/Operations (Director Myers).
- c. Public Relations (Allison Harnden) – Allison reported that the rate increase postcards were mailed to customers the first week of January.

**16. General Manager's Report.**

- a. General Manager's Report – The General Manager reported on current projects.
- b. Pacific Hydrotech Corporation Payment Request #14.  
**ACTION:** Director Harich moved to authorize the payment of \$723,670.36 to Pacific Hydrotech as well as a retention payment of \$38,087.91 to be deposited into an Escrow Account for a total of \$761,758.27. Director Myers seconded. Motion carried unanimously.
- c. Layfield USA Corporation EQ Cover Final Payment.  
**ACTION:** Director Myers moved to authorize the payment of \$234,683.67 to Layfield. Director Butler seconded. Motion carried unanimously.

**17. Operations Report.**

- a. Water and sewer operations.

**18. District Engineer's Report.**

- a. Status of Projects.

**19. District Counsel's Report.****20. Seminars/Workshops.****21. Consideration of Correspondence.**

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



**22. Adjournment.**

There being no further business, the January 26, 2021 Regular Meeting of the Temescal Valley Water District Board of Directors was adjourned at 10:06 a.m. by President Colladay.

**ATTEST:**

**APPROVED:**

\_\_\_\_\_  
Paul Rodriguez, Secretary

\_\_\_\_\_  
Charles Colladay, President

Date: \_\_\_\_\_

Date: \_\_\_\_\_

TEMESCAL VALLEY WATER DISTRICT  
 PAYMENT AUTHORIZATION REPORT  
 FEBRUARY 23, 2021

Check #	Date	Payee ID	Payee	Amount	
25085	1/22/21	RDO01	RDO EQUIPMENT	\$ 142.12	
25086	1/22/21	EL	EDUARDO LOPEZ-TRK MAINT	100.00	
25087	1/22/21	SC	SHRED CONNECT	416.50	
25088	2/5/21	AD	PAYROLL	-	
25089	2/5/21	BE	PAYROLL	-	
25090	2/5/21	CG	PAYROLL	-	
25091	2/5/21	CL	PAYROLL	-	
25092	2/5/21	DB	PAYROLL	-	
25093	2/5/21	JH	VOID	-	
25094	2/5/21	KN	PAYROLL	-	
25095	2/5/21	LK	LELAND KEA II	3,450.62	
25096	2/5/21	MM	PAYROLL	-	
25097	2/5/21	PB	PAYROLL	-	
25098	2/5/21	JH	PAYROLL	-	
25099	2/5/21	LK	LELAND KEA II-EXP	150.00	
25100	2/3/21	FI01	FIDELITY INVESTMENTS	700.00	
25101	2/5/21	FI01	FIDELITY INVESTMENTS	960.80	
25102	2/5/21	FI01	FIDELITY INVESTMENTS	747.00	
25103	2/5/21	FI01	FIDELITY INVESTMENTS	700.00	
25104	2/9/21	LUC	LAYFIELD USA CORPORATION	198,713.67	CAP-SEB COVERS
25105	2/9/21	PA02	PARKSON CORPORATION	154,359.97	CAP-SBR CONTROLS
25106	2/9/21	ACSI	ALEXANDER'S CONTRACT SERVICES, INC.	5,814.95	
25107	2/9/21	BGM	BIG GIANT MEDIA	54.90	
25108	2/9/21	CE01	CENTRAL COMMUNICATIONS	99.75	
25109	2/9/21	CHAC	CALIFORNIA HIGHWAY ADOPTION CO.	315.00	
25110	2/9/21	DSC	DATABASE SYSTEMS CORP.	284.03	
25111	2/9/21	FE01	FEDERAL EXPRESS	52.90	
25112	2/9/21	JW01	JWC ENVIRONMENTAL LLC	750.00	
25113	2/9/21	LUC	LAYFIELD USA CORPORATION	35,970.00	CAP RETENTION FEB COVERS
25114	2/9/21	PLM01	PARRA LANDSCAPE MAINTENANCE	650.00	
25115	2/9/21	SEMA	SEMA INC.	783.04	
25116	2/9/21	UN01	UNDERGROUND SERVICE ALERT	94.15	
25117	2/9/21	USB01	US BANK GOVERNMENT SERVICES	657.12	

TEMESCAL VALLEY WATER DISTRICT  
 PAYMENT AUTHORIZATION REPORT  
 FEBRUARY 23, 2021

Check #	Date	Payee ID	Payee	Amount	
25118	2/9/21	VLF	VAN LANT & FANKHANEL, LLP	13,500.00	2019-2020 AUDIT
25119	2/9/21	REFUND	GOFFREY DUNN	237.53	
25120	2/9/21	REFUND	ELIZABETH TUFANO	81.92	
25121	2/9/21	REFUND	HONGHAO WU	280.79	
25122	2/9/21	REFUND	LANSTON SYLVESTER	21.26	
25123	2/9/21	REFUND	CESAR YAHUACA	138.90	
25124	2/9/21	REFUND	KEVIN NOTAR	73.46	
25125	2/9/21	REFUND	SOPHIA BROOKS	300.00	
25126	2/9/21	REFUND	VIENNA WILHITE	300.00	
25127	2/19/21	AD	PAYROLL	-	
25128	2/19/21	BE	PAYROLL	-	
25129	2/19/21	CG	PAYROLL	-	
25130	2/19/21	CL	PAYROLL	-	
25131	2/19/21	CO	CHARLES W. COLLADAY	246.37	
25132	2/19/21	DB	PAYROLL	-	
25133	2/19/21	DH	DAVID HARICH	246.37	
25134	2/19/21	FM	FRED H. MYERS	246.37	
25135	2/19/21	JB	JOHN B. BUTLER	246.37	
25136	2/19/21	JH	PAYROLL	-	
25137	2/19/21	KN	PAYROLL	-	
25138	2/19/21	LK	PAYROLL	-	
25139	2/19/21	MM	PAYROLL	-	
25140	2/19/21	PB	PAYROLL	-	
25141	2/19/21	RO	PAUL RODRIGUEZ	246.37	
25142-25144			VOID	-	
25145	2/19/21	ATT01	AT&T	626.54	
25146	2/19/21	ATTM	AT & T MOBILITY	670.43	
25147	2/19/21	BA01	BABCOCK LABORATORIES, INC	9,493.00	
25148	2/19/21	BEP	BARRETT ENGINEERED PUMPS	1,713.94	
25149	2/19/21	CA16	CALIFORNIA CHOICE BENEFIT ADMINISTRATOR	5,113.98	
25150	2/19/21	CAMWC	CALIFORNIA ASSOCIATIONS OF MUTUAL WATER	500.00	
25151	2/19/21	CESI	CENTERE ELECTRIC SERVICES INC.	7,093.06	
25152	2/19/21	CL01	CLAYSON, BAINER & SAUNDERS	1,150.00	

TEMESCAL VALLEY WATER DISTRICT  
 PAYMENT AUTHORIZATION REPORT  
 FEBRUARY 23, 2021

Check #	Date	Payee ID	Payee	Amount	
25153	2/19/21	CUSI	CONTINENTAL UTILITY SOLUTIONS INC.	2,000.00	
25154	2/19/21	deg	DOUGLAS ENVIRONMENTAL GROUP	3,606.64	
25155	2/19/21	DMV	VOID	-	
25156	2/19/21	DU01	DUDEK & ASSOCIATES-CONT MGT	24,486.40	
25157	2/19/21	DU02	DUDEK & ASSOCIATES-SPECIAL PROJECTS	8,706.75	
25158	2/19/21	DU03	DUDEK & ASSOCIATES-PASS THRU	5,735.00	
25159	2/19/21	DU04	DUDEK & ASSOCIATES-ENGINEERING	7,097.00	
25160	2/19/21	DWEI	DEXTER WILSON ENGINEERING INC	16,913.53	CAP -ENG SBR CONTROLS
25161	2/19/21	GMDM	GUTIRREZ MAINTENANCE	350.00	
25162	2/19/21	HES	HOLLOWAY ENVIRONMENTAL SOLUTIONS	3,432.98	
25163	2/19/21	HO01	HOME DEPOT CREDIT SERVICES	71.94	
25164	2/19/21	Maxim	MAXIM SICURITY SERVICES	1,602.00	
25165	2/19/21	MCCO	MUROW CM	13,877.50	CAP-PLT EXPAN CONT MGT
25166	2/19/21	MITI	MORR-IS TESTED IN	13,780.00	CAP- PLT EXPAN TESTING
25167	2/19/21	NC	NORTHSTAR CHEMICAL	7,182.62	
25168	2/19/21	PLM01	PARRA LANDSCAPE MAINTENANCE	1,867.78	
25169	2/19/21	RCS1	RELIABLE CONSTRUCTION SERVICE	800.00	
25170	2/19/21	SAQMDHB	SOUTH COAST AIR QUALITY MGT DIST	3,043.81	
25171	2/19/21	ST01	STAPLES CREDIT PLAN	577.46	
25172	2/19/21	ST02	STATE COMPENSATION INSUR.FUND	1,983.08	
25173	2/19/21	UBB	USA BLUEBOOK	310.82	
25174	2/19/21	UPG	UNITED POWER GENERATION	1,975.16	
25175	2/19/21	WA01	WASTE MANAGEMENT - INLAND EMPIRE	294.04	
25176	2/19/21	WE01	WESTERN MUNICIPAL WATER DISTR.	27,901.83	CAPACITY AND RTS CHARGES
25177	2/19/21	WE01	WESTERN MUNICIPAL WATER DISTR.	243,630.27	
Total				\$ 839,719.79	

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 2/23/21

**TEMESCAL VALLEY WATER DISTRICT  
INTERNAL BALANCE SHEET  
31-Jan-21**

**ASSETS**

Fixed Assets (net of accumulated depreciation)			
Land		\$	902,118
Treatment Plants			12,781,337
Capacity Rights			13,503,639
Water System, Reservoir & Wells			9,115,307
Water & Sewer Mains			31,533,539
General Equipment Sewer/Water/ Furniture			649,798
Buildings & Entrance Improvements			289,832
			\$ 68,775,569
Current Assets			
Cash - Wastewater	\$ 8,840,801		
Cash - Water	14,834,259		
Cash - ID #1	576,687		
Cash - ID #2	278,376		
Cash - Nonpotable	4,780,557		
Cash - Deposits	5,583,173		34,893,853
Accounts Receivable-Services/Developers			1,194,853
Assessment Receivable			69,259
Interest Receivable			29,340
Prepaid Expenses			16,152
Inventory			39,902
		\$	36,243,359
Other Assets			
Work-in-Process			3,541,693
Deferred Outflows - Pension			163,609
<b>TOTAL ASSETS</b>		<b>\$</b>	<b>108,724,231</b>

**LIABILITIES**

Current Liabilities			
Accounts Payable		\$	395,087
Security Deposits			278,961
Payroll & Payroll Taxes Payable			68,210
Capacity & Meter Deposits			1,153,650
Fiduciary Payments Payable			3,783,443
Developer Deposits			354,042
Other Deposits			13,077
			6,046,470
Long-term Liabilities			
TVRP Note			915,742
Deferred Inflows - Pension			108,349
<b>TOTAL LIABILITIES</b>		<b>\$</b>	<b>7,070,561</b>

**FUND EQUITY**

Fund Balances			
Waste Water Fund Balance			35,341,888
Water Fund Balance			50,789,545
ID #1 Fund Balance			650,663
ID #2 Fund Balance			564,247
Recycled Water Fund Balance			14,307,326
<b>TOTAL FUND EQUITY</b>		<b>\$</b>	<b>101,653,670</b>
<b>TOTAL LIABILITIES &amp; FUND EQUITY</b>		<b>\$</b>	<b>108,724,231</b>

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
<b><u>WASTEWATER DEPARTMENT</u></b>								
OPERATING REVENUE:								
MONTHLY SEWER SERVICE CHARGE	225,547	215,000	10,547	1,554,857	1,500,000	54,857	\$ 2,570,000	(1,015,143)
MONTHLY SERVICE CHARGE-ID #1	11,764	11,500	264	82,348	80,500	1,848	138,000	(55,652)
MONTHLY SERVICE CHARGE-ID #2	13,307	13,000	307	93,149	91,000	2,149	156,000	(62,851)
MONTHLY SEWER SERVICE CHG-R COM	10,284	10,000	284	70,948	70,000	948	120,000	(49,052)
MISC UTILITY CHARGES/ REVENUE	115	425	(310)	127	2,925	(2,798)	5,000	(4,873)
STANDBY CHARGES	50,050	55,000	-	50,050	55,000	(4,950)	110,000	(59,950)
CFD REIMBURSEMENTS	-	-	-	10,000	10,000	-	20,000	(10,000)
INSPECTION CHARGES	3,542	4,200	(658)	11,866	29,200	(17,334)	50,000	(38,134)
TOTAL WASTEWATER REVENUE	314,609	309,125	5,484	1,873,345	1,838,625	34,720	3,169,000	(1,295,655)
OPERATING EXPENSES:								
PLANT WAGES EXPENSE	10,418	12,850	(2,432)	74,818	96,350	(21,532)	167,000	(92,182)
INSPECTION WAGES EXPENSE	2,723	2,700	23	24,199	20,200	3,999	35,000	(10,801)
PAYROLL TAXES EXP	1,336	300	1,036	2,763	2,200	563	3,800	(1,037)
EMPLOYEE BENEFITS-INS	515	750	(235)	4,019	5,250	(1,231)	21,600	(17,581)
EMPLOYEE BENEFITS-RETIREMENT	1,312	1,770	(458)	6,303	13,270	(6,967)	23,000	(16,697)
OVERTIME OPERATION EXP	2,705	1,800	905	23,495	12,400	11,095	19,400	4,095
OVERTIME INSPECTION EXP	223	400	(177)	2,729	2,800	(71)	4,800	(2,071)
MILEAGE EXP	186	100	86	1,174	700	474	1,200	(26)
VACATION EXP	839	850	(11)	5,873	5,900	(27)	10,100	(4,227)
SCADA SYSTEM ADMIN/MAINT	-	1,100	(1,100)	3,397	7,600	(4,203)	13,000	(9,603)
LABORATORY TESTING COSTS	-	1,900	(1,900)	2,720	13,400	(10,680)	23,000	(20,280)
SLUDGE DISPOSAL/PUMPING COSTS	5,921	5,800	121	42,721	40,800	1,921	70,000	(27,279)
SLUDGE DISPOSAL BAG EXP	-	-	-	18,102	20,000	(1,898)	25,000	(6,898)
SLUDGE CHEMICAL EXP	7,183	4,800	2,383	30,781	33,800	(3,019)	58,000	(27,219)
EQUIPMENT RENTAL COSTS	-	200	(200)	-	1,200	(1,200)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	13,832	17,000	(3,168)	151,056	117,000	34,056	200,000	(48,944)
SEWER LINE REPAIRS	-	-	-	1,500	2,500	(1,000)	5,000	(3,500)
EMERGENCY SERVICE COSTS	8,100	-	8,100	13,780	-	13,780	-	13,780
SEWER CLEANING AND VIDEO EXP	-	1,700	(1,700)	13,807	10,000	3,807	20,000	(6,193)
SECURITY AND ALARM EXP	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
PROPERTY MAINTENANCE	2,867	3,750	(883)	22,551	26,250	(3,699)	45,000	(22,449)
ENGINEERING/ADMIN. STUDIES	-	-	-	306	10,000	(9,694)	20,000	(19,694)
ENERGY COSTS	21,463	21,000	463	150,246	147,000	3,246	252,000	(101,754)
CONSUMABLE SUPPLIES & CLEANING	311	825	(514)	2,060	5,825	(3,765)	10,000	(7,940)
CHEMICALS, LUBRICANTS & FUELS	4,952	13,750	(8,798)	68,925	96,250	(27,325)	165,000	(96,075)
SMALL EQUIPMENT & TOOLS COST	-	2,500	(2,500)	7,974	17,500	(9,526)	30,000	(22,026)
PERMITS, FEES & TAXES (WTR BRD FEE)	-	2,200	(2,200)	13,173	15,200	(2,027)	26,000	(12,827)
SAWPA BASIN MONITORING EXP	-	-	-	21,632	22,000	(368)	25,000	(3,368)
MAP UPDATING/GIS EXP	-	-	-	-	1,000	(1,000)	2,000	(2,000)
MISC. OPERATING EXP	-	100	(100)	-	600	(600)	1,000	(1,000)
BAD DEBT EXPENSES	-	-	-	-	-	-	2,000	(2,000)
CONTINGENCIES	-	4,500	(4,500)	-	31,500	(31,500)	54,000	(54,000)
TOTAL OPERATING EXPENSES	84,886	102,895	(18,009)	710,104	780,245	(70,141)	1,336,900	(626,796)

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
<b>ADMINISTRATIVE EXPENSES:</b>								
CONTRACT MANAGEMENT	9,795	9,500	295	58,895	58,500	395	102,000	(43,105)
GENERAL ENGINEERING EXP	-	1,250	(1,250)	14,389	8,750	5,639	15,000	(611)
EMPLOYEE BENEFITS-INS	1,545	1,600	(55)	7,763	11,100	(3,337)	19,000	(11,237)
EMPLOYEE BENEFITS-RETIREMENT	1,813	1,850	(37)	9,881	12,950	(3,069)	24,000	(14,119)
ANNUAL ASSESSMENT EXP	-	-	-	2,876	3,000	(124)	3,000	(124)
PLAN CHECK EXP	-	1,000	(1,000)	-	6,000	(6,000)	10,000	(10,000)
WAGES EXPENSE	12,532	13,850	(1,318)	92,414	103,900	(11,486)	180,100	(87,686)
VACATION EXP	1,044	1,000	44	7,308	7,250	58	12,500	(5,192)
PAYROLL TAX EXPENSES	907	250	657	2,415	1,750	665	3,000	(585)
OVERTIME EXP	-	100	(100)	407	1,100	(693)	2,000	(1,593)
MILEAGE EXP ADMIN	-	20	(20)	-	145	(145)	250	(250)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	460	850	(390)	5,654	5,850	(196)	10,000	(4,346)
AUDIT EXPENSES	5,400	6,000	(600)	5,400	6,000	(600)	6,000	(600)
BOARD COMMITTEE MEETING EXP.	499	1,000	(501)	4,266	7,000	(2,734)	12,000	(7,734)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	-	-	4,000	(4,000)
COMPUTER SYSTEM ADMIN	6,008	1,700	4,308	19,206	11,700	7,506	20,000	(794)
BANK CHARGES EXP	2,857	2,250	607	20,199	15,750	4,449	27,000	(6,801)
MISCELLANEOUS & EDUCATION EXP	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
TELEPHONE, FAX & CELL EXP	1,054	1,250	(196)	6,580	8,750	(2,170)	15,000	(8,420)
OFFICE SUPPLIES EXP	956	1,250	(294)	7,679	8,750	(1,071)	15,000	(7,321)
PRINTING EXPENSES	414	650	(236)	5,463	4,000	1,463	8,000	(2,537)
POSTAGE & DELIVERY EXPENSE	942	1,150	(208)	6,350	8,150	(1,800)	14,000	(7,650)
PUBLICATIONS, NOTICES & DUES	133	125	8	1,715	875	840	1,500	215
EQUIPMENT LEASE EXPENSES	355	700	(345)	4,105	4,700	(595)	8,000	(3,895)
INSURANCE EXPENSES	2,284	2,500	(216)	14,260	17,500	(3,240)	30,000	(15,740)
COMMUNITY OUTREACH EXP	315	-	315	4,852	4,000	852	8,000	(3,148)
INVESTMENT EXP	-	400	(400)	2,436	2,800	(364)	4,800	(2,364)
<b>TOTAL ADMINISTRATIVE EXPENSES</b>	<b>49,313</b>	<b>50,495</b>	<b>(1,182)</b>	<b>304,513</b>	<b>322,020</b>	<b>(17,507)</b>	<b>559,150</b>	<b>(254,637)</b>
<b>TOTAL WASTEWATER EXPENSES</b>	<b>134,199</b>	<b>153,390</b>	<b>(19,191)</b>	<b>1,014,617</b>	<b>1,102,265</b>	<b>(87,648)</b>	<b>1,896,050</b>	<b>(881,433)</b>
<b>NET OPERATING REVENUE/EXPENSE</b>	<b>180,410</b>	<b>155,735</b>	<b>24,675</b>	<b>858,728</b>	<b>736,360</b>	<b>122,368</b>	<b>1,272,950</b>	<b>(414,222)</b>
<b>NON-OPERATING SOURCE OF FUNDS:</b>								
INTEREST INCOME	3,017	12,500	(9,483)	38,868	87,500	(48,632)	150,000	(111,132)
PROPERTY TAX INCOME	30,857	37,500	(6,643)	74,007	37,500	36,507	75,000	(993)
<b>TOTAL NON-OPER SOURCE OF FUNDS</b>	<b>33,874</b>	<b>50,000</b>	<b>(16,126)</b>	<b>112,875</b>	<b>125,000</b>	<b>(12,125)</b>	<b>225,000</b>	<b>(112,125)</b>
<b>TOTAL SEWER REVENUE/EXPENSE</b>	<b>214,284</b>	<b>205,735</b>	<b>8,549</b>	<b>971,603</b>	<b>861,360</b>	<b>110,243</b>	<b>1,497,950</b>	<b>(526,347)</b>
TRANSFER TO CAPITAL FUND-REPLACEMENT				369,153				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				602,450				
CONNECTION FEES				19,768				
				-				

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

**WASTE WATER CAPITAL FUND:**

ENDING FUNDS AVAILABLE 2019-2020	<b>10,677,010</b>
TRANSFER FOR CAPITAL FUND REPLACEMENT	<b>369,153</b>
TRANSFER FOR CAPITAL IMPROVEMENTS	<b>622,218</b>
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	<b><u>(2,474,020)</u></b>
TOTAL FUNDS AVAILABLE	<b><u>9,194,361</u></b>



**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
<b><u>WATER DEPARTMENT</u></b>								
<b>OPERATING REVENUE:</b>								
WATER SERVICE CHARGE	148,986	147,800	1,186	1,052,945	1,034,800	18,145	1,774,000	(721,055)
WATER USAGE CHARGES	342,007	310,000	32,007	2,799,784	2,587,000	212,784	4,100,000	(1,300,216)
WATER PUMPING CHARGE	7,067	7,700	(633)	108,678	104,200	4,478	165,000	(56,322)
FIRE PROTECTION CHARGES	3,360	3,300	60	27,011	23,300	3,711	40,000	(12,989)
MISC. UTILITY CHARGES	304	3,300	(2,996)	4,925	23,300	(18,375)	40,000	(35,075)
SERVICE METER INCOME	5,100	8,300	(3,200)	53,400	58,300	(4,900)	100,000	(46,600)
CELLULAR SITE LEASE	3,136	3,100	36	21,952	21,700	252	54,000	(32,048)
MWD READINESS TO SERVE CHARGE	10,257	10,000	257	71,982	70,000	1,982	119,000	(47,018)
STANDBY CHARGES	21,450	20,000	1,450	21,450	20,000	1,450	40,000	(18,550)
CFD REIMBURSEMENTS	-	-	-	10,000	10,000	-	20,000	(10,000)
INSPECTION CHARGES	3,100	4,200	(1,100)	10,382	29,200	(18,818)	50,000	(39,618)
TOTAL WATER REVENUE	<b>544,767</b>	<b>517,700</b>	<b>27,067</b>	<b>4,182,509</b>	<b>3,981,800</b>	<b>200,709</b>	<b>6,502,000</b>	<b>(2,319,491)</b>
<b>OPERATING EXPENSES:</b>								
WAGES EXPENSE	9,116	9,300	(184)	65,463	65,000	463	147,000	(81,537)
INSPECTION WAGES EXPENSE	2,383	2,400	(17)	18,296	17,400	896	30,000	(11,704)
PAYROLL TAXES EXP	293	230	63	1,544	1,730	(186)	3,000	(1,456)
EMPLOYEE BENEFITS-INS	1,602	1,575	27	9,552	11,025	(1,473)	18,900	(9,348)
EMPLOYEE BENEFITS-RETIREMENT	1,668	1,615	53	10,347	12,115	(1,768)	21,000	(10,653)
OPERATION-MILEAGE EXP	163	125	38	1,028	875	153	1,500	(472)
OVERTIME EXPENSE OPER/ ON CALL	2,368	1,545	823	14,933	10,820	4,113	14,350	583
OVERTIME EXP INSPECTION	223	350	(127)	2,729	2,450	279	4,200	(1,471)
VACATION EXP	734	730	4	5,138	5,130	8	8,800	(3,662)
CONTRACT STAFFING-METER READS	5,815	5,750	65	40,124	40,250	(126)	69,000	(28,876)
SCADA SYSTEM ADMIN/MAINT	-	850	(850)	3,009	5,850	(2,841)	10,000	(6,991)
LABORATORY TESTING COSTS	-	1,335	(1,335)	442	9,345	(8,903)	16,000	(15,558)
COMPLIANCE TESTING (ISDE/CROSS)	-	230	(230)	-	1,730	(1,730)	3,000	(3,000)
LEAK DETECTION EXPENSE	-	675	(675)	-	4,675	(4,675)	8,000	(8,000)
EPA WATER TESTING EXP	-	700	(700)	-	4,950	(4,950)	8,500	(8,500)
EQUIPMENT RENTAL COSTS	-	170	(170)	-	1,170	(1,170)	2,000	(2,000)
EQUIPMENT REPAIRS & MAINT.	313	6,700	(6,387)	33,763	46,700	(12,937)	80,000	(46,237)
WATER LINE REPAIRS	-	3,350	(3,350)	-	23,350	(23,350)	40,000	(40,000)
ALARM MONITORING COSTS	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
PROPERTY MAINTENANCE	-	420	(420)	654	2,920	(2,266)	5,000	(4,346)
ENGINEERING/ADMIN. STUDIES	-	675	(675)	-	4,675	(4,675)	8,000	(8,000)
ENERGY COSTS	11,954	5,040	6,914	83,682	75,620	8,062	126,000	(42,318)
CONSUMABLE SUPPLIES & CLEANING	-	330	(330)	573	2,330	(1,757)	4,000	(3,427)
CHEMICALS, LUBRICANTS & FUELS	786	660	126	2,760	4,660	(1,900)	8,000	(5,240)
SMALL EQUIPMENT & TOOLS COST	154	420	(266)	415	2,920	(2,505)	5,000	(4,585)
PERMITS, FEES & TAXES	500	2,900	(2,400)	11,408	20,400	(8,992)	35,000	(23,592)
MAP UPDATING/GIS EXP	-	420	(420)	-	2,920	(2,920)	5,000	(5,000)
SERVICE METERS & PARTS COSTS	2,754	8,400	(5,646)	37,680	58,400	(20,720)	100,000	(62,320)
WHOLESALE WATER PURCHASES	243,630	246,000	(2,370)	2,499,529	2,190,000	309,529	3,650,000	(1,150,471)
WATER-MWD CAPACITY CHARGE	3,666	4,000	(334)	26,458	28,000	(1,542)	48,000	(21,542)
WATER-READINESS TO SERVE/REFUSAL CHARGE	10,018	10,000	18	69,870	69,400	470	119,000	(49,130)
WMWD-MGLMR EXP	-	-	-	180,936	117,000	63,936	117,000	63,936
BAD DEBT EXPENSES	-	-	-	-	-	-	3,000	(3,000)
CONSERVATION REBATE EXP	-	-	-	-	2,500	(2,500)	5,000	(5,000)
CONTINGENCIES	-	3,900	(3,900)	-	27,400	(27,400)	47,000	(47,000)
TOTAL OPERATING EXPENSES	<b>298,140</b>	<b>321,045</b>	<b>(22,905)</b>	<b>3,120,333</b>	<b>2,875,460</b>	<b>244,873</b>	<b>4,773,250</b>	<b>(1,652,917)</b>

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
<b>ADMINISTRATIVE EXPENSES:</b>								
CONTRACT MANAGEMENT	8,570	7,500	1,070	51,533	52,250	(717)	89,250	(37,717)
GENERAL ENGINEERING EXP	-	1,700	(1,700)	7,338	11,900	(4,562)	20,000	(12,662)
PLAN CHECK EXP	-	850	(850)	-	5,950	(5,950)	10,000	(10,000)
EMPLOYEE BENEFITS-INS	2,370	2,450	(80)	10,373	10,150	223	17,300	(6,927)
EMPLOYEE BENEFITS-RETIREMENT	2,782	2,680	102	13,124	12,580	544	21,800	(8,676)
ANNUAL ASSESSMENT EXP	-	-	-	2,876	3,000	(124)	3,000	(124)
WAGES EXPENSE	10,966	12,000	(1,034)	83,383	90,425	(7,042)	156,850	(73,467)
VACATION EXP	913	900	13	6,391	6,400	(9)	11,000	(4,609)
MILEAGE EXP ADMIN	-	40	(40)	-	290	(290)	500	(500)
OVERTIME EXPENSE	-	150	(150)	358	1,025	(667)	1,750	(1,392)
PAYROLL TAX EXPENSES	383	200	183	1,662	1,450	212	2,500	(838)
CONTRACT STAFFING OFFICE	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSES	403	625	(222)	4,948	4,375	573	7,500	(2,552)
AUDIT EXPENSES	4,725	5,500	(775)	4,725	5,500	(775)	5,500	(775)
BOARD COMMITTEE/ MEETING EXP.	438	875	(437)	4,171	6,125	(1,954)	10,500	(6,329)
COMPUTER SYSTEM EXP	1,982	1,350	632	13,530	9,350	4,180	16,000	(2,470)
BANK CHARGES EXP	2,500	2,100	400	17,559	14,600	2,959	25,000	(7,441)
MISCELLANEOUS & EDUCATION EXP	-	-	-	-	1,000	(1,000)	2,000	(2,000)
TELEPHONE EXP	923	1,250	(327)	5,716	8,750	(3,034)	15,000	(9,284)
OFFICE SUPPLIES EXP	852	1,000	(148)	6,030	7,000	(970)	12,000	(5,970)
PRINTING EXPENSES	-	420	(420)	2,593	2,920	(327)	5,000	(2,407)
POSTAGE & DELIVERY EXPENSE	729	1,000	(271)	6,947	7,000	(53)	12,000	(5,053)
PUBLICATIONS, NOTICES & DUES	-	200	(200)	600	1,450	(850)	2,500	(1,900)
EQUIPMENT LEASE EXPENSES	311	580	(269)	3,066	4,080	(1,014)	7,000	(3,934)
INSURANCE EXPENSES	1,998	2,100	(102)	12,466	14,600	(2,134)	25,000	(12,534)
INVESTMENT EXPENSE	-	400	(400)	2,132	2,800	(668)	4,800	(2,668)
ELECTION & PUBLIC HEARING EXP	-	-	-	-	3,500	(3,500)	3,500	(3,500)
COMMUNITY OUT REACH EXP	-	-	-	-	4,000	(4,000)	8,000	(8,000)
<b>TOTAL ADMINISTRATIVE EXPENSES</b>	<b>40,845</b>	<b>45,870</b>	<b>(5,025)</b>	<b>261,521</b>	<b>292,470</b>	<b>(30,949)</b>	<b>497,250</b>	<b>(235,729)</b>
<b>TOTAL WATER EXPENSES</b>	<b>338,985</b>	<b>366,915</b>	<b>(27,930)</b>	<b>3,381,854</b>	<b>3,167,930</b>	<b>213,924</b>	<b>5,270,500</b>	<b>(1,888,646)</b>
<b>NET OPERATING REVENUE/EXPENSE</b>	<b>205,782</b>	<b>150,785</b>	<b>54,997</b>	<b>800,655</b>	<b>813,870</b>	<b>(13,215)</b>	<b>1,231,500</b>	<b>(430,845)</b>
<b>NON-OPERATING SOURCE OF FUNDS:</b>								
INTEREST INCOME	3,811	15,000	(11,189)	49,097	105,000	(55,903)	180,000	(130,903)
PROPERTY TAX INCOME	15,199	20,000	(4,801)	36,438	20,000	16,438	40,000	(3,562)
<b>TOTAL NON-OP SOURCE OF FUNDS</b>	<b>19,010</b>	<b>35,000</b>	<b>(15,990)</b>	<b>85,535</b>	<b>125,000</b>	<b>(39,465)</b>	<b>220,000</b>	<b>(134,465)</b>
<b>TOTAL REVENUE/EXPENSE</b>	<b>224,792</b>	<b>185,785</b>	<b>39,007</b>	<b>886,190</b>	<b>938,870</b>	<b>(52,680)</b>	<b>1,451,500</b>	<b>(565,310)</b>
TRANSFER TO CAPITAL FUND-REPLACEMENT				332,146				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				554,044				
CONNECTION FEES				45,939				
CAPACITY USAGE INCOME				166,038				
LONG TERM DEBT REDUCTION				166,038				
				-				
<b>WATER CAPITAL FUND:</b>								
ENDING FUNDS AVAILABLE 2019-2020	14,726,199							
TRANSFER FOR CAPITAL FUND REPLACEMENT	332,146							
TRANSFER FOR CAPITAL IMPROVEMENTS	599,983							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(470,510)							
<b>TOTAL FUNDS AVAILABLE</b>	<b>15,187,818</b>							

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
<b><i>ID#1 DEPARTMENT</i></b>								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	13,725	13,725	-	96,075	96,075	-	164,700	(68,625)
TOTAL ID #1 REVENUE	13,725	13,725	-	96,075	96,075	-	164,700	(68,625)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	11,764	11,500	264	82,348	82,348	-	138,000	(55,652)
TOTAL OPERATING COSTS	11,764	11,500	264	82,348	82,348	-	138,000	(55,652)
ADMINISTRATIVE EXPENSES:								
ANNUAL ASSESSMENT PROCESSING	-	-	-	2,846	3,000	(154)	3,000	(154)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	2,846	3,000	(154)	3,000	(154)
TOTAL ID#1 EXPENSES	11,764	11,500	264	85,194	85,348	(154)	141,000	(55,806)
<b>NET OPERATING REVENUE/EXPENSE</b>	<b>1,961</b>	<b>2,225</b>	<b>(264)</b>	<b>10,881</b>	<b>10,727</b>	<b>154</b>	<b>23,700</b>	<b>(12,819)</b>
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	79	350	(271)	1,023	2,450	(1,427)	4,200	(3,177)
TOTAL NON-OPER SOURCE OF FUNDS	79	350	(271)	1,023	2,450	(1,427)	4,200	(3,177)
<b>TOTAL REVENUE/EXPENSE</b>	<b>2,040</b>	<b>2,575</b>	<b>(535)</b>	<b>11,904</b>	<b>13,177</b>	<b>(1,273)</b>	<b>27,900</b>	<b>(15,996)</b>
TRANSFER TO SINKING FUND FOR CAPACITY				11,904				
				-				
<b><i>ID #1 FUND BALANCE:</i></b>								
ENDING FUNDS AVAILABLE 2019-2020	564,783							
SINKING FUND FOR CAPACITY	11,904							
TOTAL FUNDS AVAILABLE	576,687							

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<b>ID#2 DEPARTMENT</b>								
OPERATING REVENUE:								
ANNUAL SEWER SERVICE CHARGE	15,525	15,525	-	108,675	108,675	-	191,820	(83,145)
TOTAL ID #2 REVENUE	15,525	15,525	-	108,675	108,675	-	191,820	(83,145)
OPERATING EXPENSES:								
MONTHLY TREATMENT PLANT COSTS	13,307	12,179	1,128	93,149	93,149	-	150,530	(57,381)
TOTAL OPERATING COSTS	13,307	12,179	1,128	93,149	93,149	-	150,530	(57,381)
ADMINISTRATIVE EXPENSES:								
GENERAL ENGINEERING EXP	-	-	-	-	-	-	2,500	(2,500)
ANNUAL ASSESSMENT PROCESSING	-	-	-	2,848	3,000	(152)	3,000	(152)
TOTAL ADMINISTRATIVE EXPENSES	-	-	-	2,848	3,000	(152)	5,500	(2,652)
TOTAL ID#2 EXPENSES	13,307	12,179	1,128	95,997	96,149	(152)	156,030	(60,033)
<b>NET OPERATING REVENUE/EXPENSE</b>	<b>2,218</b>	<b>3,346</b>	<b>(1,128)</b>	<b>12,678</b>	<b>12,526</b>	<b>152</b>	<b>35,790</b>	<b>(23,112)</b>
NON-OPERATING SOURCE OF FUNDS:								
INTEREST INCOME/UNREALIZED GAIN ON INV	158	670	(512)	2,045	4,690	(2,645)	8,040	(5,995)
TOTAL NON-OPER SOURCE OF FUNDS	158	670	(512)	2,045	4,690	(2,645)	8,040	(5,995)
<b>TOTAL REVENUE/EXPENSE</b>	<b>2,376</b>	<b>4,016</b>	<b>(1,640)</b>	<b>14,723</b>	<b>17,216</b>	<b>(2,493)</b>	<b>43,830</b>	<b>(29,107)</b>
TRANSFER TO SINKING FUND FOR CAPACITY				14,723				
				-				
<b>ID #2 FUND BALANCE:</b>								
ENDING FUNDS AVAILABLE 2019-2020	263,653							
SINKING FUND FOR CAPACITY	14,723							
TOTAL FUNDS AVAILABLE	278,376							

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET 2020-2021	BUDGET REMAINING
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE		
<b><i>NON-POTABLE WATER DEPARTMENT</i></b>								
OPERATING REVENUE:								
RECYCLED/NON-POTABLE WATER SALES	108,128	100,000	8,128	1,258,895	1,200,000	58,895	1,700,000	(441,105)
RECYCLED/ NON-POT WATER FIXED CHARGE	16,000	16,700	(700)	121,471	116,700	4,771	200,000	(78,529)
RECYCLED/NON-POTABLE PUMPING CHARGE	3,336	3,300	36	24,912	25,200	(288)	40,000	(15,088)
MISC INCOME	1,081	1,000	81	7,567	7,000	567	12,000	(4,433)
INSPECTION REVENUE	2,214	2,420	(206)	7,416	16,920	(9,504)	29,000	(21,584)
<b>TOTAL NON-POTABLE REVENUE</b>	<b>130,759</b>	<b>123,420</b>	<b>7,339</b>	<b>1,420,261</b>	<b>1,365,820</b>	<b>54,441</b>	<b>1,981,000</b>	<b>(560,739)</b>
OPERATING EXPENSES:								
RECYCLED/NON-POTABLE LABOR EXP	6,511	8,050	(1,539)	46,758	60,325	(13,567)	104,550	(57,792)
INSPECTION WAGES EXPENSE	1,702	1,675	27	13,066	12,525	541	21,700	(8,634)
PAYROLL TAXES EXP	578	185	393	1,468	1,385	83	2,400	(932)
EMPLOYEE BENEFITS-INS	1,145	1,125	20	6,822	7,875	(1,053)	13,500	(6,678)
EMPLOYEE BENEFITS-RETIREMENT	1,181	1,115	66	7,391	8,365	(974)	14,500	(7,109)
MILEAGE EXP	116	58	58	734	409	325	700	34
OVERTIME EXP OPER	-	1,100	(1,100)	-	7,725	(7,725)	10,250	(10,250)
OVERTIME EXP INSPECTION	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
VACATION EXP	525	525	-	3,675	3,675	-	6,300	(2,625)
SCADA SYS EXP	-	850	(850)	1,935	5,850	(3,915)	10,000	(8,065)
LABORATORY TESTING COSTS	-	250	(250)	-	1,750	(1,750)	3,000	(3,000)
EQUIPMENT REPAIRS & MAINT.	1,714	5,000	(3,286)	41,690	35,000	6,690	60,000	(18,310)
NONPOTABLE WATER LINE REPAIR	-	6,700	(6,700)	5,550	46,700	(41,150)	80,000	(74,450)
SECURITY AND ALARM EXP	-	160	(160)	-	1,110	(1,110)	1,900	(1,900)
PROPERTY MAINTENANCE	-	350	(350)	-	2,350	(2,350)	4,000	(4,000)
ENERGY COSTS	22,569	21,000	1,569	157,984	151,200	6,784	252,000	(94,016)
CONSUMABLE SUPPLIES EXP	-	210	(210)	365	1,460	(1,095)	2,500	(2,135)
CHEMICALS, LUBRICANTS & FUELS	561	460	101	1,949	3,210	(1,261)	5,500	(3,551)
PERMITS AND FEES EXP	-	625	(625)	7,988	4,375	3,613	7,500	488
SERVICE METERS AND PARTS COSTS	-	580	(580)	-	4,080	(4,080)	7,000	(7,000)
RECYCLED SIGN/TOOLS EXP	-	350	(350)	118	2,350	(2,232)	4,000	(3,882)
MISC OPERATING EXP	-	-	-	-	250	(250)	500	(500)
BAD DEBT	-	-	-	-	-	-	1,600	(1,600)
CONTINGENCIES	-	2,100	(2,100)	-	14,600	(14,600)	25,000	(25,000)
<b>TOTAL OPERATING EXPENSES</b>	<b>36,602</b>	<b>52,718</b>	<b>(16,116)</b>	<b>297,493</b>	<b>378,319</b>	<b>(80,826)</b>	<b>641,400</b>	<b>(343,907)</b>

**TEMESCAL VALLEY WATER DISTRICT  
REVENUE AND EXPENDITURES/BUDGET  
For Seven Months Ending January 31, 2021**

	JANUARY			YEAR TO DATE			BUDGET	BUDGET
	ACTUAL	BUDGET	VARIANCE	ACTUAL	BUDGET	VARIANCE	2020-2021	REMAINING
<b>ADMINISTRATIVE EXPENSES:</b>								
CONTRACT MANAGEMENT	6,121	5,310	811	36,809	37,185	(376)	63,750	(26,941)
GENERAL ENGINEERING	-	420	(420)	7,570	2,920	4,650	5,000	2,570
PLAN CHECK EXP	-	100	(100)	-	600	(600)	1,000	(1,000)
EMPLOYEE BENEFITS-INS	1,656	1,650	6	7,647	7,150	497	12,300	(4,653)
EMPLOYEE BENEFITS-RETIREMENT	2,025	2,000	25	8,006	8,950	(944)	15,500	(7,494)
WAGES EXPENSE	7,833	8,730	(897)	59,649	65,480	(5,831)	113,500	(53,851)
VACATION EXP	652	650	2	4,564	4,550	14	7,800	(3,236)
MILEAGE EXP	-	-	-	-	100	(100)	200	(200)
OVERTIME EXP	-	100	(100)	255	725	(470)	1,250	(995)
PAYROLL TAX EXPENSE	274	140	134	1,216	1,040	176	1,800	(584)
CONTRACT STAFFING EXP	-	-	-	-	-	-	2,000	(2,000)
LEGAL EXPENSE	287	420	(133)	3,533	2,920	613	5,000	(1,467)
AUDIT EXP	3,375	4,500	(1,125)	3,375	4,500	(1,125)	4,500	(1,125)
BOARD FEES EXP	313	625	(312)	2,979	4,375	(1,396)	7,500	(4,521)
COMPUTER SYSTEMS EXP	1,416	830	586	9,664	5,830	3,834	10,000	(336)
BANK CHARGES	1,786	1,420	366	12,543	9,920	2,623	17,000	(4,457)
MISC & EDUCATION EXP	-	-	-	-	500	(500)	1,000	(1,000)
TELEPHONE EXP	659	800	(141)	4,125	5,550	(1,425)	9,500	(5,375)
OFFICE SUPPLIES	333	580	(247)	3,710	4,080	(370)	7,000	(3,290)
PRINTING EXP	-	-	-	1,694	1,500	194	3,000	(1,306)
POSTAGE EXP	521	850	(329)	3,901	5,850	(1,949)	10,000	(6,099)
PUBLICATION EXP	-	175	(175)	389	1,175	(786)	2,000	(1,611)
EQUIPMENT LEASE EXP	221	375	(154)	2,189	2,625	(436)	4,500	(2,311)
INSURANCE EXPENSE	1,427	1,670	(243)	8,924	11,670	(2,746)	20,000	(11,076)
ANNUAL ASSESSMENT EXP	-	-	-	-	3,000	(3,000)	3,000	(3,000)
INVESTMENT EXPENSE	-	250	(250)	1,523	1,750	(227)	3,000	(1,477)
COMMUNITY OUTREACH EXP	-	-	-	-	2,400	(2,400)	4,800	(4,800)
<b>TOTAL ADMINISTRATIVE EXPENSES</b>	<b>28,899</b>	<b>31,595</b>	<b>(2,696)</b>	<b>184,265</b>	<b>196,345</b>	<b>(12,080)</b>	<b>335,900</b>	<b>(151,635)</b>
<b>TOTAL NON-POTABLE OPERATING EXPENSES</b>	<b>65,501</b>	<b>84,313</b>	<b>(18,812)</b>	<b>481,758</b>	<b>574,664</b>	<b>(92,906)</b>	<b>977,300</b>	<b>(495,542)</b>
<b>NET OPERATING REVENUE/EXPENSE</b>	<b>65,258</b>	<b>39,107</b>	<b>26,151</b>	<b>938,503</b>	<b>791,156</b>	<b>147,347</b>	<b>1,003,700</b>	<b>(65,197)</b>
<b>NON-OPERATING SOURCE OF FUNDS:</b>								
INTEREST INCOME	875	2,500	(1,625)	11,254	17,500	(6,246)	30,000	(18,746)
<b>TOTAL NON-OP SOURCE OF FUNDS</b>	<b>875</b>	<b>2,500</b>	<b>(1,625)</b>	<b>11,254</b>	<b>17,500</b>	<b>(6,246)</b>	<b>30,000</b>	<b>(18,746)</b>
<b>TOTAL REVENUE/EXPENSE</b>	<b>66,133</b>	<b>41,607</b>	<b>24,526</b>	<b>949,757</b>	<b>808,656</b>	<b>141,101</b>	<b>1,033,700</b>	<b>(83,943)</b>
TRANSFER TO CAPITAL FUND-REPLACEMENT				197,491				
TRANSFER TO CAPITAL FUND-IMPROVEMENT				752,266				
CONNECTION FEES				-				
<b>NON-POTABLE FUND BALANCE:</b>								
ENDING FUNDS AVAILABLE 2019-2020	3,858,535							
TRANSFER FOR CAPITAL FUND REPLACEMENT	197,491							
TRANSFER FOR CAPITAL IMPROVEMENTS	752,266							
CAPITAL IMPROVEMENT (SEE ATTACHED DETAIL)	(27,735)							
<b>TOTAL FUNDS AVAILABLE</b>	<b>4,780,557</b>							

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

In Process
Not Started

Capital Projects			Total Cost	Source of Funding			Previous YR	AS OF JANUARY 2021 EXPENDITURES			Total YTD	Variance
FY 2020/2021 Maintenance/ General Projects	CIP #	Eng #1401.*		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	\$ 3,879	\$ -	\$ -	\$ -	\$ -	\$ 21,121
General Building Improvements	G-2-2019		\$ 80,000	\$ 32,000	\$ 28,000	\$ 20,000	\$ 8,292	\$ -	\$ -	\$ -	\$ -	\$ 71,708
Trilogy Reservoir Rehab Interior/Exterior	W-1-2019	1907	\$ 524,400	\$ -	\$ 524,400	\$ -	\$ 26,622	\$ -	\$ 113,065	\$ -	\$ 113,065	\$ 384,713
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	\$ -	\$ -	\$ -	\$ -	\$ 10,799
Convert to Recycled			\$ 135,000	\$ -	\$ 75,000	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
Potable Water Looping (Forest Boundary)	W-2-2019	1906	\$ 298,800	\$ -	\$ 298,800		\$ 26,217	\$ -	\$ 286,292	\$ -	\$ 286,292	\$ (13,709)
Potable Water Looping Phase II (Knabe)	W-2-2019		\$ 500,000	\$ -	\$ 500,000	\$ -	\$ -	\$ -	\$ 30,718	\$ -	\$ -	\$ 500,000
Recycled and Non-potable Pipeline extentions	NP-2018		\$ 775,000	\$ -	\$ -	\$ 775,000	\$ 30,510	\$ -	\$ -	\$ -	\$ -	\$ 744,490
Groundwater Sustainability JPA	General		\$ 135,000	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135,000
5-year Financial Plan Development with 218 notice	General		\$ 120,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	\$ 26,780	\$ 26,780	\$ 26,780	\$ 80,340	\$ 39,660
TWC (EVMWD) Potable system purchase study	W-3-2020		\$ 25,000	\$ -	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
<b>SUBTOTAL</b>			<b>\$ 2,758,200</b>	<b>\$ 107,000</b>	<b>\$ 1,634,950</b>	<b>\$ 1,016,250</b>	<b>\$ 124,721</b>	<b>\$ 26,780</b>	<b>\$ 456,855</b>	<b>\$ 26,780</b>	<b>\$ 479,697</b>	<b>\$ 2,153,782</b>

Multiple Fiscal Year Projects			Total Cost	Source of Funding			Previous YR	YEAR TO DATE			Total YTD	Variance
	CIP #	Eng #1401.*		Sewer Fund	Water Fund	Recycled Fund		Sewer Fund	Water Fund	Recycled Fund		
Park Canyon RW Design and Easements			\$ 90,000	\$ -	\$ -	\$ 90,000	\$ 17,074	\$ -	\$ -	\$ -	\$ -	\$ 72,926
Sewer System Master Plan		1815	\$ 100,000	\$ 100,000	\$ -	\$ -	\$ 56,222	\$ 3,737	\$ -	\$ -	\$ 3,737	\$ 40,041
Air Actuator valves			\$ 42,000	\$ 42,000	\$ -	\$ -	\$ 21,984	\$ -	\$ -	\$ -	\$ -	\$ 20,016
Upgrade STP PLCs			\$ 250,000	\$ 100,000	\$ 87,500	\$ 62,500	\$ 232,879	\$ 87,057	\$ -	\$ -	\$ 87,057	\$ (69,936)
WRF 225,000 GPD Upgrade (SBR Controls)	S-1-2015		\$ 1,261,000	\$ 1,230,000	\$ -	\$ -	\$ 1,224,019	\$ -	\$ -	\$ -	\$ -	\$ 36,981
WRF 225,000 GPD Expansion (District Share)	S-1-2015		\$ 5,475,613	\$ 5,475,613	\$ -	\$ -	\$ 1,289,556	\$ 2,081,627	\$ -	\$ -	\$ 2,081,627	\$ 2,104,430
GIS Mapping - Water Sewer RW pipelines and facilities		1904/1905	\$ 171,700	\$ 66,000	\$ 66,000	\$ 39,700	\$ 147,039	\$ 1,906	\$ 1,906	\$ 955	\$ 4,767	\$ 19,894
Well Replacement/Cleaning and Rehab			\$ 300,000	\$ -	\$ -	\$ 300,000	\$ 75,663	\$ -	\$ -	\$ -	\$ -	\$ 224,337
Alternate Tertiary Percolation Area and Rehab			\$ 320,000	\$ 300,000	\$ -	\$ 20,000	\$ 190,682	\$ 29,025	\$ -	\$ -	\$ 29,025	\$ 100,293
Dawson Canyon Potable Reservoir Design	W-1-2015	1810	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 200,281	\$ -	\$ 9,813	\$ -	\$ 9,813	\$ (10,094)
Dawson Canyon 5 MG Potable Reservoir Construction	W-1-2015		\$ 5,770,000	\$ -	\$ 5,770,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,770,000
New Loader for Sludge Removal	S-2-2020		\$ 180,000	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Wildrose Reservoir Cathodic Protection System	W-2-2020		\$ 55,000	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000
Reservoir Management Systems	W-1-2020		\$ 100,000	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 1,936	\$ -	\$ 1,936	\$ (1,936)
Water Reclamation Facility Flow EQ Covers	S-1-2020		\$ 470,000	\$ 470,000	\$ -	\$ -	\$ -	\$ 243,888	\$ -	\$ -	\$ 243,888	\$ 226,112
WRF Headworks Screen Replacement	S-3-2020		\$ 200,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SUBTOTAL</b>			<b>\$ 14,985,313</b>	<b>\$ 8,163,613</b>	<b>\$ 6,278,500</b>	<b>\$ 512,200</b>	<b>\$ 3,455,399</b>	<b>\$ 2,447,240</b>	<b>\$ 13,655</b>	<b>\$ 955</b>	<b>\$ 2,461,850</b>	<b>\$ 8,968,064</b>

<b>TOTAL</b>	<b>\$ 17,743,513</b>	<b>\$ 8,270,613</b>	<b>\$ 7,913,450</b>	<b>\$ 1,528,450</b>	<b>\$ 3,580,120</b>	<b>\$ 2,474,020</b>	<b>\$ 470,510</b>	<b>\$ 27,735</b>	<b>\$ 2,941,547</b>	<b>\$ 11,121,846</b>
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**TEMESCAL VALLEY WATER DISTRICT**  
**Community Facilities District No. 1**  
**Financing Authority**  
**(Sycamore Creek)**  
**1/31/2021**

<u>Special Tax Fund (Acct #105636-009)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-010)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #105636-011)</u> Account Balance at Wilmington Trust	<b>8.23</b>
<hr/>	
<u>Surplus Fund (Acct #105636-012)</u> Account Balance at Wilmington Trust	<b>1,287,248.18</b>
<hr/>	



**TEMESCAL VALLEY WATER DISTRICT**  
**Community Facilities District No. 2**  
**Financing Authority**  
**(Montecito Ranch)**  
**1/31/2021**

<u>Special Tax Fund (Acct #105636-014)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>BONDS PR ACCT (Acct # 105636-015)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #105636-016)</u> Account Balance at Wilmington Trust	4.72
<hr/>	
<u>Surplus Fund (Acct #105636-017)</u> Account Balance at Wilmington Trust	305,337.52
<hr/>	
Prepayment Fund (Acct #105636-026) Account Balance at Wilmington Trust	-
<hr/>	
<b>TOTAL</b>	<b>\$ 305,342.24</b>

**TEMESCAL VALLEY WATER DISTRICT**  
**Community Facilities District No. 3**  
**Financing Authority**  
**(The Retreat)**  
**1/31/2021**

<u>Special Tax Fund (Acct #105636-019)</u> Account Balance at Wilmington Trust	\$	-
<hr/>		
<u>BONDS PR ACCT (Acct # 105636-020)</u> Account Balance at Wilmington Trust	\$	-
<hr/>		
<u>Administrative Expense Fund(Acct #105636-021)</u> Account Balance at Wilmington Trust	\$	8.23
<hr/>		
<u>Surplus Fund (Acct #105636-022)</u> Account Balance at Wilmington Trust	\$	744,058.61
<hr/>		
Prepayment Fund (Acct #105636-027) Account Balance at Wilmington Trust		-
<hr/>		
<b>TOTAL</b>	<b>\$</b>	<b>744,066.84</b>

**TEMESCAL VALLEY WATER DISTRICT**  
**Community Facilities District**  
**Financing Authority**  
**1/31/2021**

Senior Lien Bonds - Revenue Fund (Acct #105636-000)	\$	<b>0.03</b>
- Lien Interest A/C ( Acct #105636-001)		<b>184.60</b>
- Lien Principal A/C (Acct #105636-002)		-
- Financing Authority Surplus A/C (Acct #105636-003)		-
- Reserve Fund CFD #1 (Acct #105636-004)		<b>2,263,221.76</b>
- Reserve Fund CFD #2 (Acct #105636-005)		<b>276,065.07</b>
- Reserve Fund CFD #3 (Acct #105636-006)		<b>1,495,524.66</b>
Junior Lien Bonds - Revenue Fund (Acct #105639-000)	\$	<b>0.01</b>
- Lien Interest A/C ( Acct #105639-001)		<b>58.13</b>
- Lien Principal A/C (Acct #105639-002)		-
- Financing Authority Surplus A/C (Acct #105639-003)		-
- Reserve Fund CFD #1 (Acct #105639-004)		<b>619,045.69</b>
- Reserve Fund CFD #2 (Acct #105639-005)		<b>100,174.23</b>
- Reserve Fund CFD #3 (Acct #105639-006)		<b>540,859.68</b>
<b>TOTAL</b>		
		<b>\$ 5,295,133.86</b>

**TEMESCAL VALLEY WATER DISTRICT**  
**Community Facilities District No. 4**  
**Financing Authority**  
**(Terramor)**  
**1/31/2021**

<u>Special Tax Fund (Acct #133306-001)</u> Account Balance at Wilmington Trust	\$ -
<hr/>	
<u>Interest Acct (Acct #133306-002)</u> Account Balance at Wilmington Trust	2,419.31
<hr/>	
<u>BONDS PR ACCT (Acct #133306-003)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Administrative Expense Fund(Acct #133306-004)</u> Account Balance at Wilmington Trust	46,001.14
<hr/>	
<u>Reserve fund Fund (Acct #133306-005)</u> Account Balance at Wilmington Trust	1,397,075.74
<hr/>	
<u>Surplus Fund (Acct #133306-006)</u> Account Balance at Wilmington Trust	47,866.30
<hr/>	
<u>Redemption fund (Acct #133306-007)</u> Account Balance at Wilmington Trust	-
<hr/>	
<u>Construction fund (Acct #133306-008)</u> Account Balance at Wilmington Trust	3,113,242.11
<hr/>	
<u>Cost of Issuance (Acct #133306-009)</u> Account Balance at Wilmington Trust	-
<hr/>	
<b>TOTAL</b>	<b>\$ 4,606,604.60</b>



# PMIA/LAIF Performance Report as of 02/11/21



## PMIA Average Monthly Effective Yields<sup>(1)</sup>

Jan	0.458
Dec	0.540
Nov	0.576

## Quarterly Performance Quarter Ended 12/31/20

LAIF Apportionment Rate <sup>(2)</sup> :	0.63
LAIF Earnings Ratio <sup>(2)</sup> :	0.00001719170547343
LAIF Fair Value Factor <sup>(1)</sup> :	1.002271318
PMIA Daily <sup>(1)</sup> :	0.49%
PMIA Quarter to Date <sup>(1)</sup> :	0.58%
PMIA Average Life <sup>(1)</sup> :	165

## Pooled Money Investment Account Monthly Portfolio Composition <sup>(1)</sup> 01/31/21 \$124.0 billion

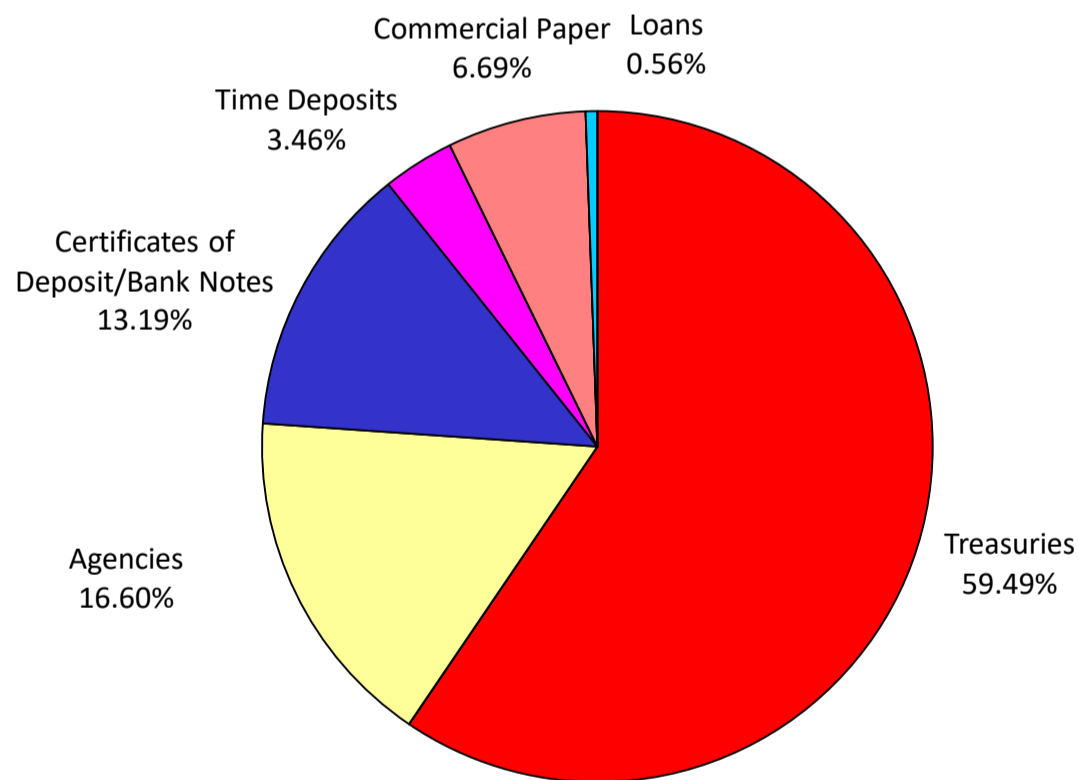


Chart does not include 0.01% of mortgages. Percentages may not total 100% due to rounding.

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

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

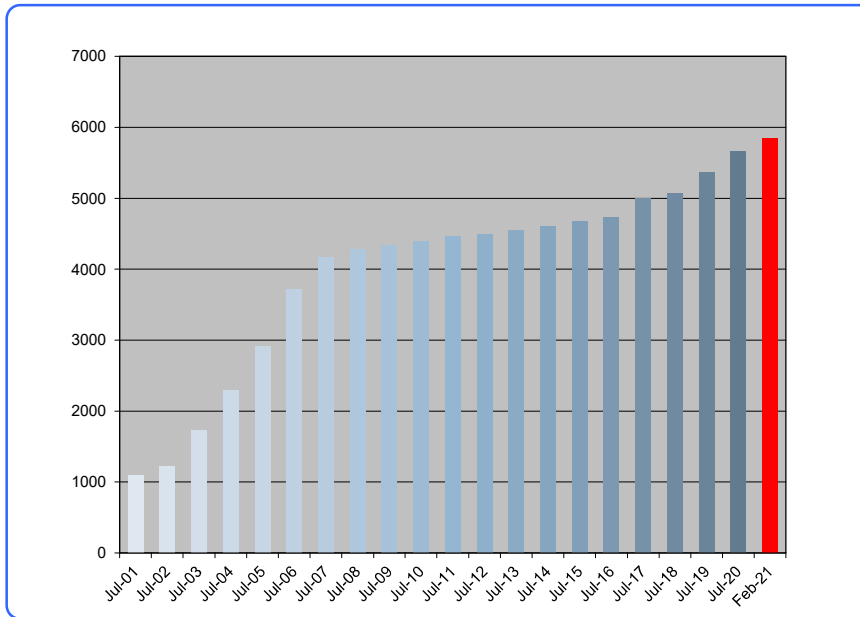
Source:

<sup>(1)</sup> State of California, Office of the Treasurer

<sup>(2)</sup> State of California, Office of the Controller

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

DATE	Jul-01	Jul-02	Jul-03	Jul-04	Jul-05	Jul-06	Jul-07	Jul-08	Jul-09	Jul-10	Jul-11	Jul-12	Jul-13	Jul-14	Jul-15	Jul-16	Jul-17	Jul-18	Jul-19	Jul-20	Feb-21
CUSTOMERS	1090	1223	1729	2295	2910	3718	4173	4279	4332	4386	4463	4492	4547	4605	4670	4736	5000	5076	5358	5662	5838



RESIDENTIAL	Total Homes	Completed Homes	
Wildrose Ranch	1043	1043	100%
Trilogy at Glen Ivy	1317	1317	100%
Painted Hills	204	204	100%
Canyon Oaks	26	26	100%
Montecito Ranch	306	306	100%
Sycamore Creek	1735	1732	100%
The Retreat	525	525	100%
Terramor	1443	635	44% 15 MODELS
Harmony Grove	50	50	100%
	<u>6649</u>	<u>5838</u>	88%

**TOTAL CUSTOMER COUNT REPORT**  
**January 31, 2021**

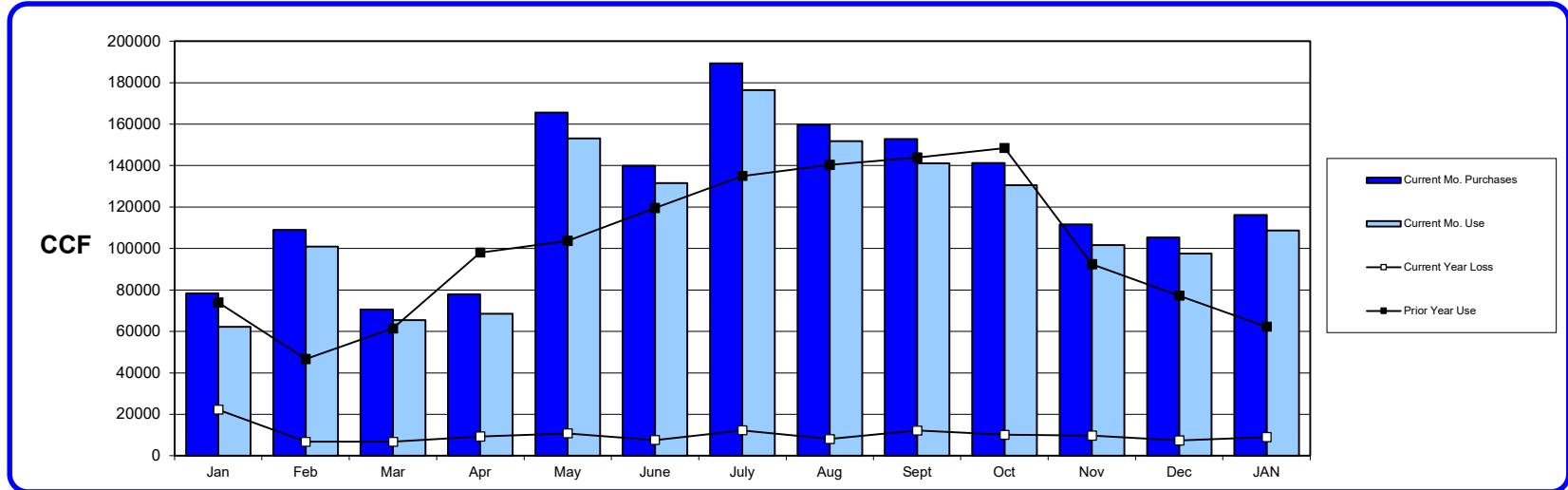
	Water & Sewer	Water Only	Sewer Only	Count
New homes added 17 Accts closed/transf 28 Empty Homes 0			Butterfield (305) Calif. Meadows (345)	
Residential	5770	2	650	6422
Commercial	96	0	2	98
Commercial-fireheld inactive	41			41
Public Govt	4	1	0	5
Irrigation-Industrial	0	68	0	68
Non-Potable Water other	0	157	0	157
Construction-Bulk Sales	0	18	0	18
<b>Total Active Customers</b>	<b>5911</b>	<b>246</b>	<b>652</b>	<b>6809</b>

**DELINQUENT REPORT**

Meters Read - Customers Billed	<b>6116</b>	
Received Delinquent Notice on current bill	430	7.03%
Turned Off for lack of payment	0	0.00%
Customers turned back on, amount paid	0	0.00%

## WATER USAGE REPORT FOR THIRTEEN MONTHS

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	JAN	TOTAL
Beg Water Levels	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	9628	
Ending Water Levels	11884	13221	9749	9832	11457	12313	12949	12811	12481	13198	13498	13953	12583	
Cur Yearly Purchases	78380	108992	70586	77875	165618	139964	189306	159742	152858	141244	111645	105390	116262	1617862
Cur Yr Monthly Use	62210	100925	65393	68501	153127	131536	176462	151828	141011	130445	101649	97564	108646	1489297
Prior Yr Monthly Use	73902	46657	61401	98045	103672	119497	134958	140366	143820	148423	92435	77239	62210	1302625



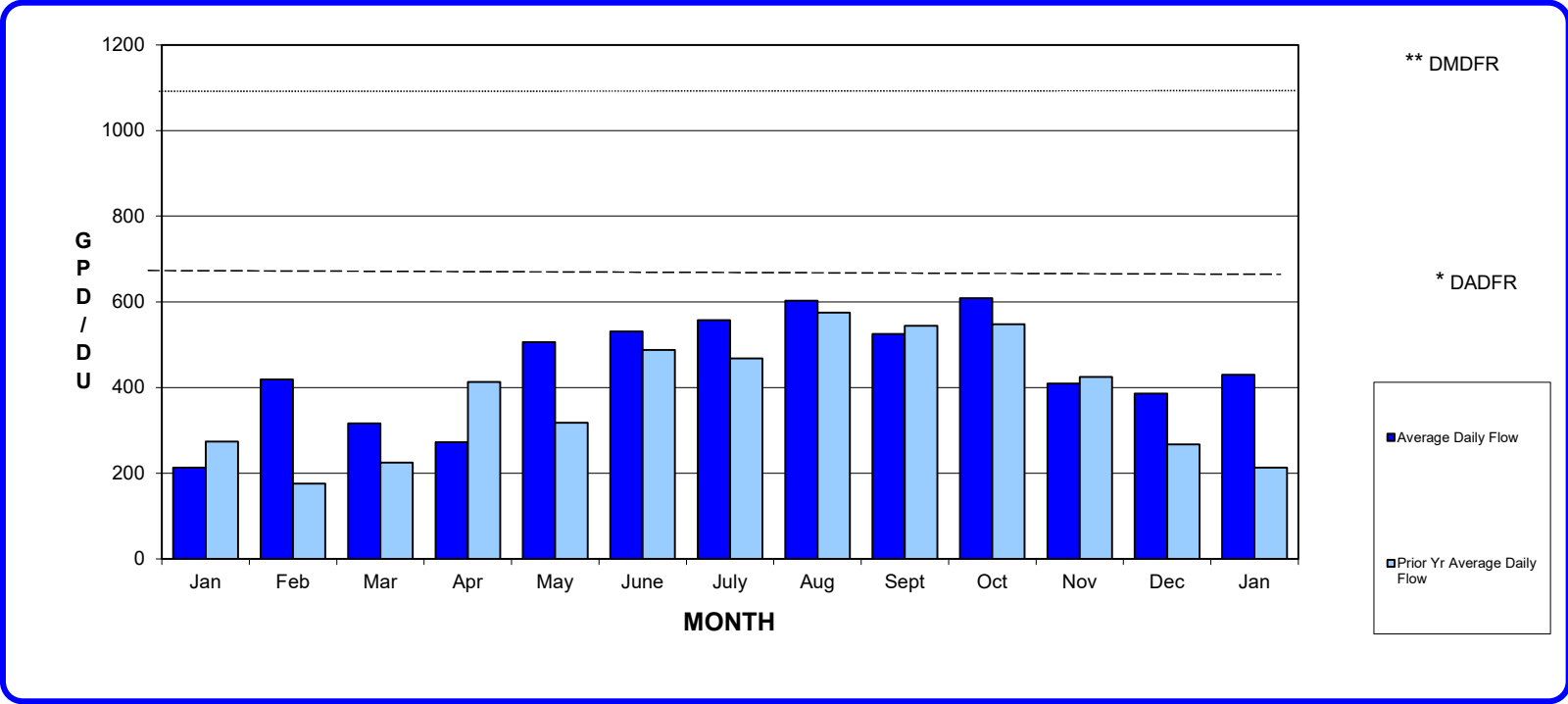
KEY
2018-2019
2019-2020
2020-2021

SUMMARY		CCF
Beginning Water in System		9628 CCF
Water Purchased in last 13 months		1617862 CCF
Water Used in last 13 months		1489297 CCF
Water Remaining in System		12583 CCF
<b>(Loss)/Gain over last 13 months</b>		<b>(125610) CCF</b>
		<b>-7.76%</b>



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

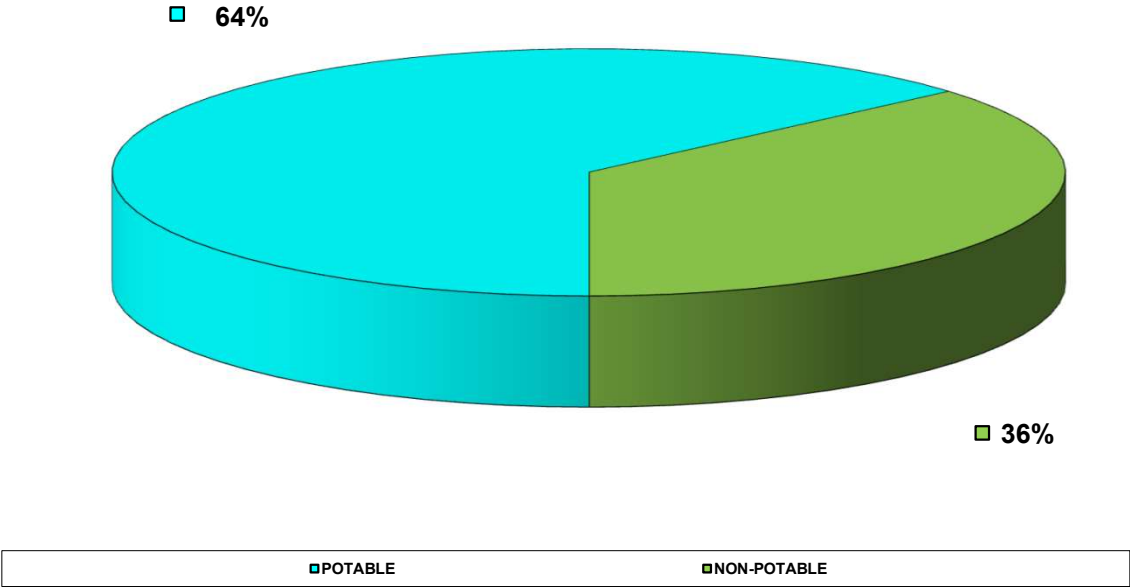
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	YEARLY AVERAGE
Average Daily Flow	213	419	316	272	506	531	557	603	525	608	409	386	430	463
Prior Yr Average Daily Flow	274	176	225	413	318	488	468	575	544	547	424	267	213	388



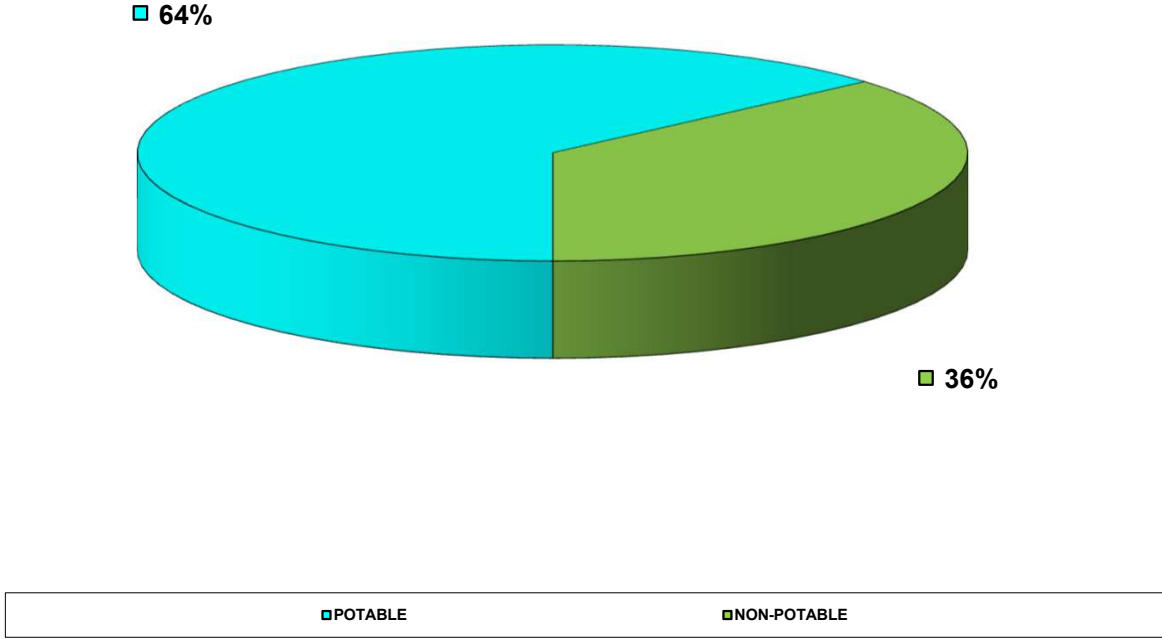
Key
2018-2019
2019-2020
2020-2021

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

**Temescal Valley Water District  
Volume of Water Sold  
For Seven Months Ending January 31, 2020  
F/Y 2020-2021**

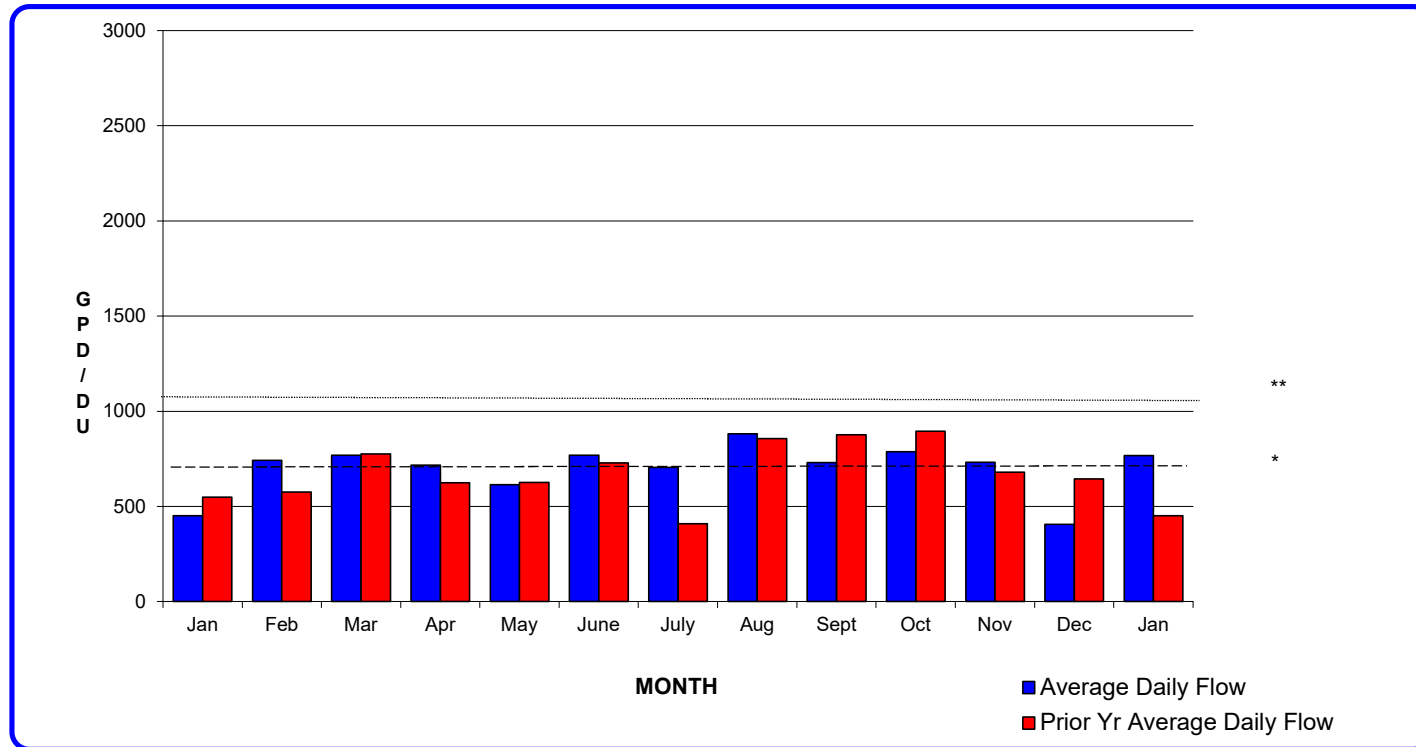


**Temescal Valley Water District  
Water Volume Sold  
For F/Y 2019-2020  
Twelve Months**



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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	YEARLY AVERAGE
Average Daily Flow	451	742	769	717	615	769	705	881	730	788	732	405	768	719
Prior Yr Average Daily Flow	548	576	776	624	626	729	408	856	877	896	679	644	451	1163



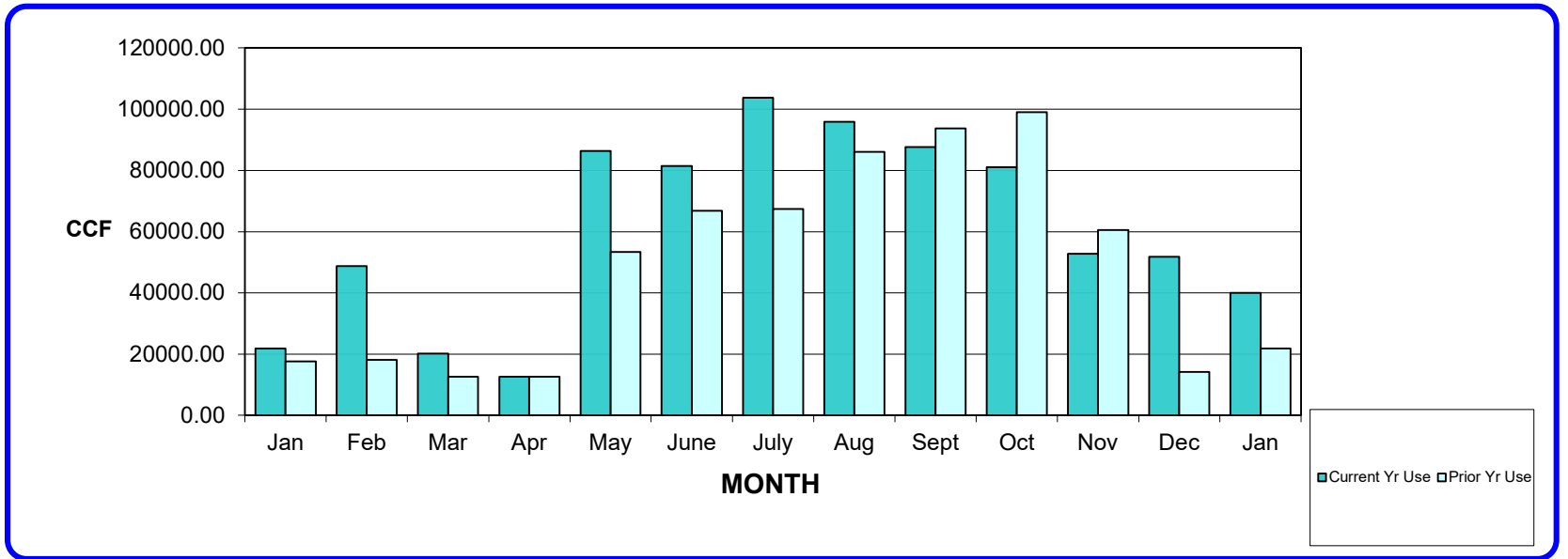
Key
2018-2019
2019-2020
2020-2021

\* DESIGN AVERAGE DAILY FLOW RATE IN GPD (650)

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

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

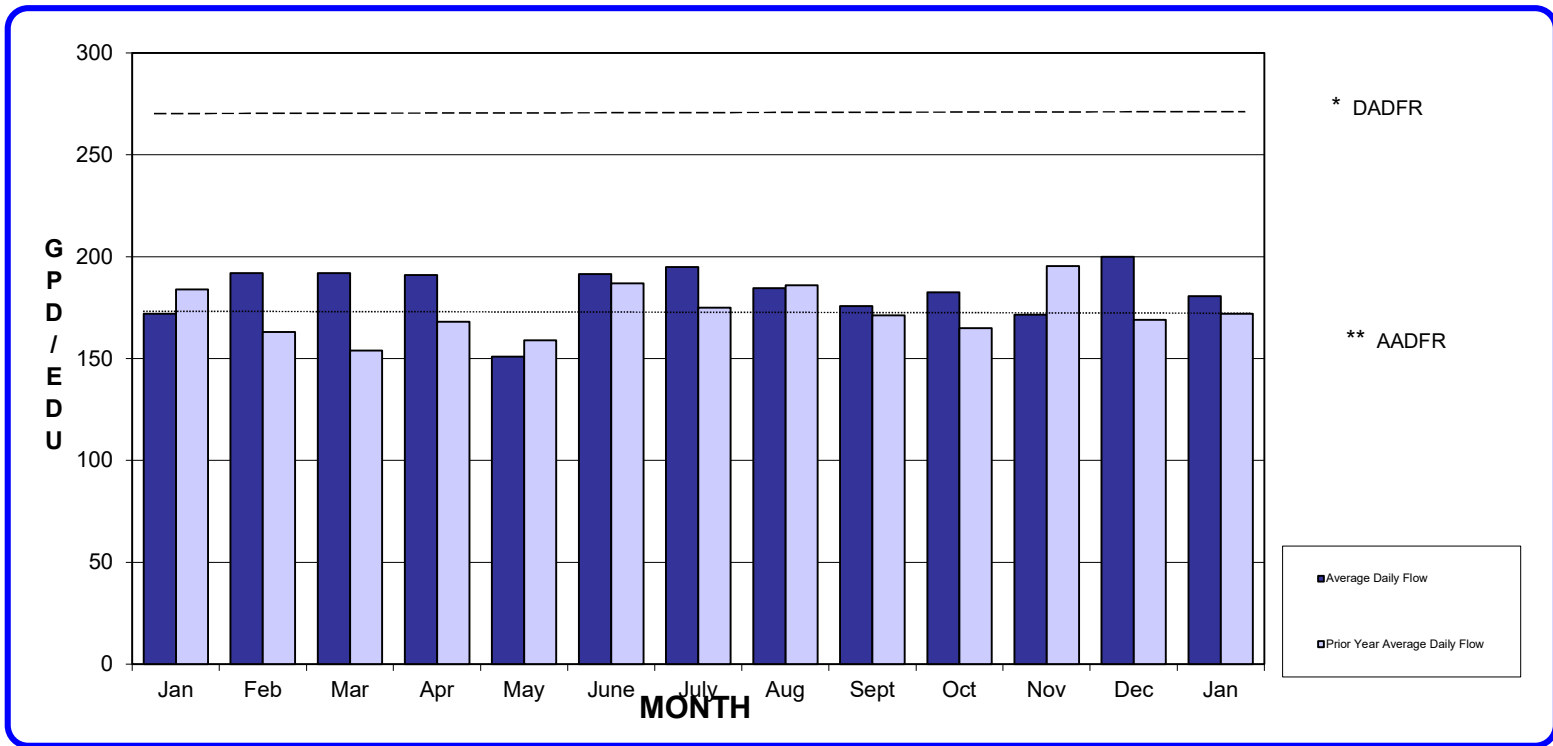
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
<b>Current Yr Use</b>	21818.51	48679.88	20213.59	12552.04	86301.85	81489.94	103731.39	95840.25	87622.51	81051.36	52720.00	51836.00	39977.00
<b>Prior Yr Use</b>	17558.51	18076.74	12612.78	12612.78	53401.21	66847.21	67458.40	86056.00	93701.87	99015.59	60473.74	14232.16	21818.51
<b>Revenue</b>	\$57,630	\$122,436	\$71,529	\$68,209	\$188,499	\$183,930	\$239,620	\$221,391	\$243,411	\$238,273	\$182,589	\$174,764	\$132,589



Key	
2018-2019	
2019-2020	
2020-2021	

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	12-Month Average
Average Daily Flow	172	192	192	191	151	191	195	185	176	183	172	200	181	198
Prior Year Average Daily Flow	184	163	154	168	159	187	175	186	171	165	195	169	172	172



Key  
 2018-2019  
 2019-2020  
 2020-2121

\*\* ACTUAL AVERAGE DAILY FLOW RATE IN GPD

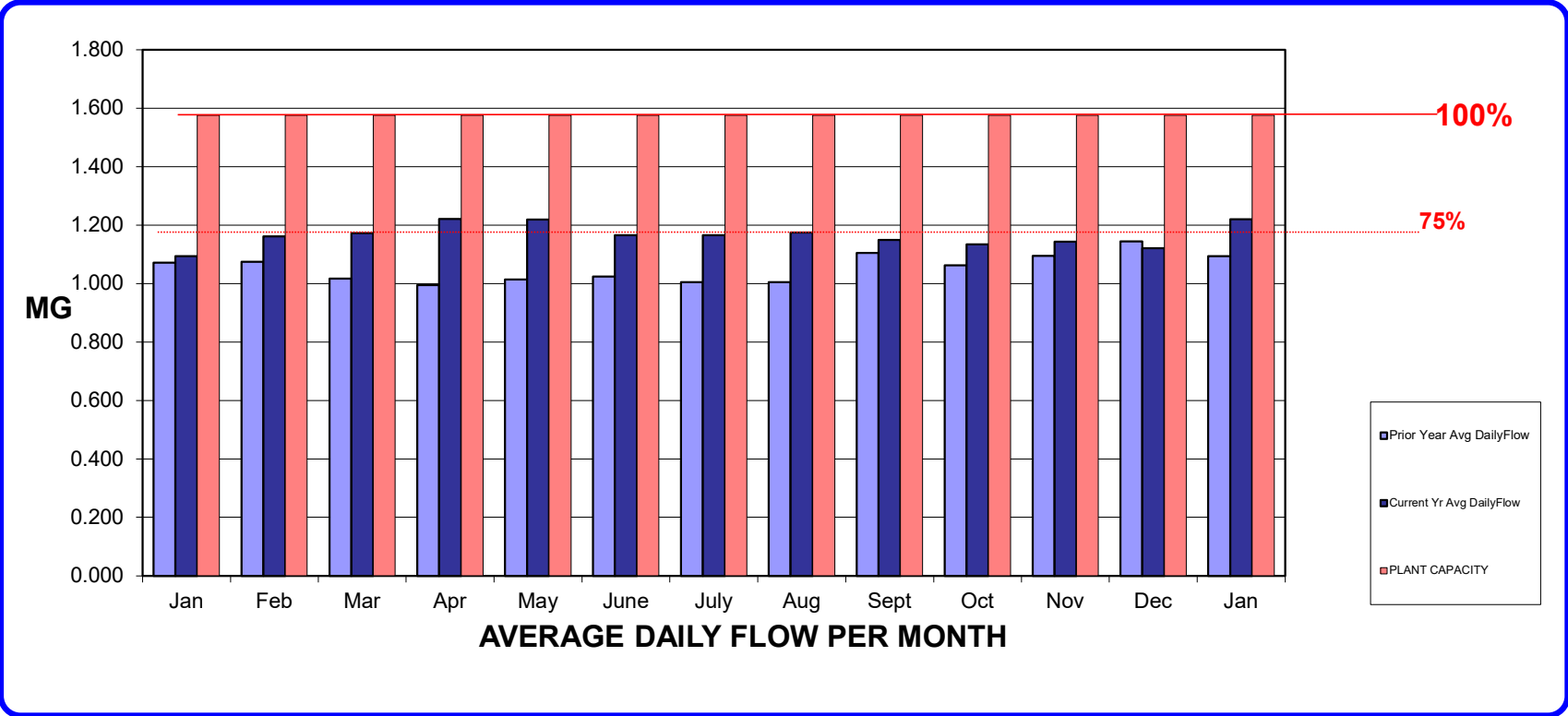
# RECLAMATION PLANT FLOW REPORT

## AVERAGE DAILY FLOW (Million Gallons)

Key
2018-2019
2019-2020
2020-2021

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
Current Yr Avg DailyFlow	1.0930	1.1610	1.1720	1.2210	1.2190	1.1650	1.1650	1.1750	1.1490	1.1340	1.1430	1.1210	1.2200
Prior Year Avg DailyFlow	1.0720	1.0750	1.0170	0.9940	1.0140	1.0240	1.0050	1.0050	1.1050	1.0620	1.0950	1.1440	1.0930

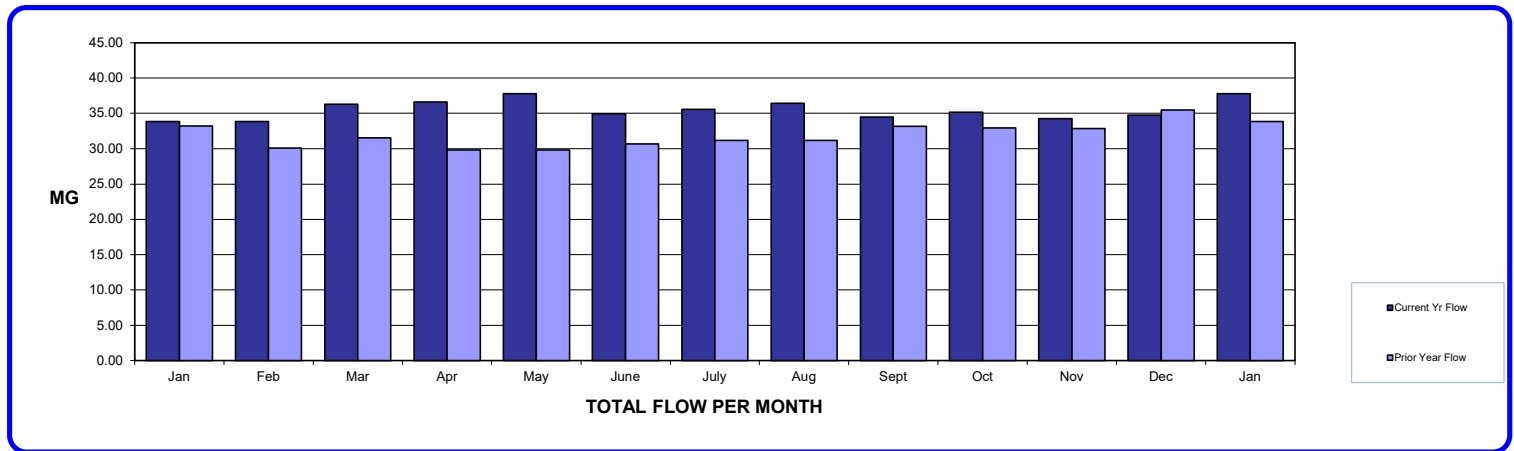
PLANT CAPACITY      1.575    1.575    1.575    1.575    1.575    1.575    1.575    1.575    1.575    1.575    1.575    1.575    1.575    1.575



## RECLAMATION PLANT DISCHARGE REPORT MONTHLY FLOW (Million Gallons)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Total/yr
Current Yr Flow	33.87	33.87	36.30	36.65	37.78	34.95	35.59	36.44	34.47	35.14	34.28	34.75	37.81	428.02
Prior Year Flow	33.21	30.11	31.53	29.82	29.82	30.71	31.17	31.16	33.15	32.92	32.84	35.47	33.87	382.57

Potential Revenue      \$134,802    \$134,802    \$144,474    \$145,867    \$150,364    \$139,101    \$141,648    \$145,031    \$145,031    \$145,031    \$145,031    \$145,031    \$145,031    \$145,031    \$1,726,442

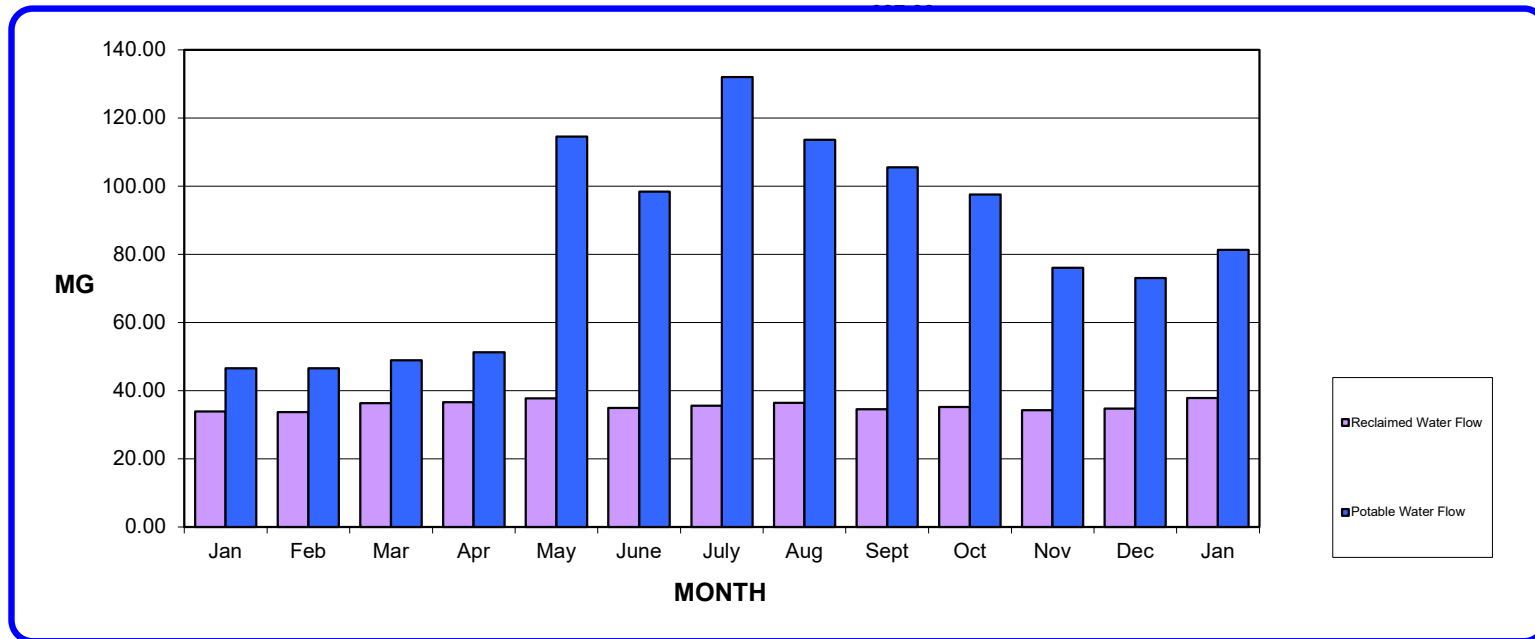


Key  
2018-2019  
2019-2020  
2020-2021

Note - recycled water only

## RECLAIMED WATER VERSUS POTABLE WATER MONTHLY FLOW (Million Gallons)

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan
<b>No. of Sewer Dwelling Units Connected</b>	6463	6513	6512	6513	6583	6611	6639	6658	6667	6687	6708	6751	6753
<b>Reclaimed Water Flow</b>	33.87	33.68	36.30	36.65	37.78	34.95	35.59	36.44	34.47	35.14	34.28	34.75	37.81
<b>Potable Water Flow</b>	46.53	46.53	48.91	51.24	114.54	98.39	131.99	113.57	105.48	97.57	76.03	72.98	81.27



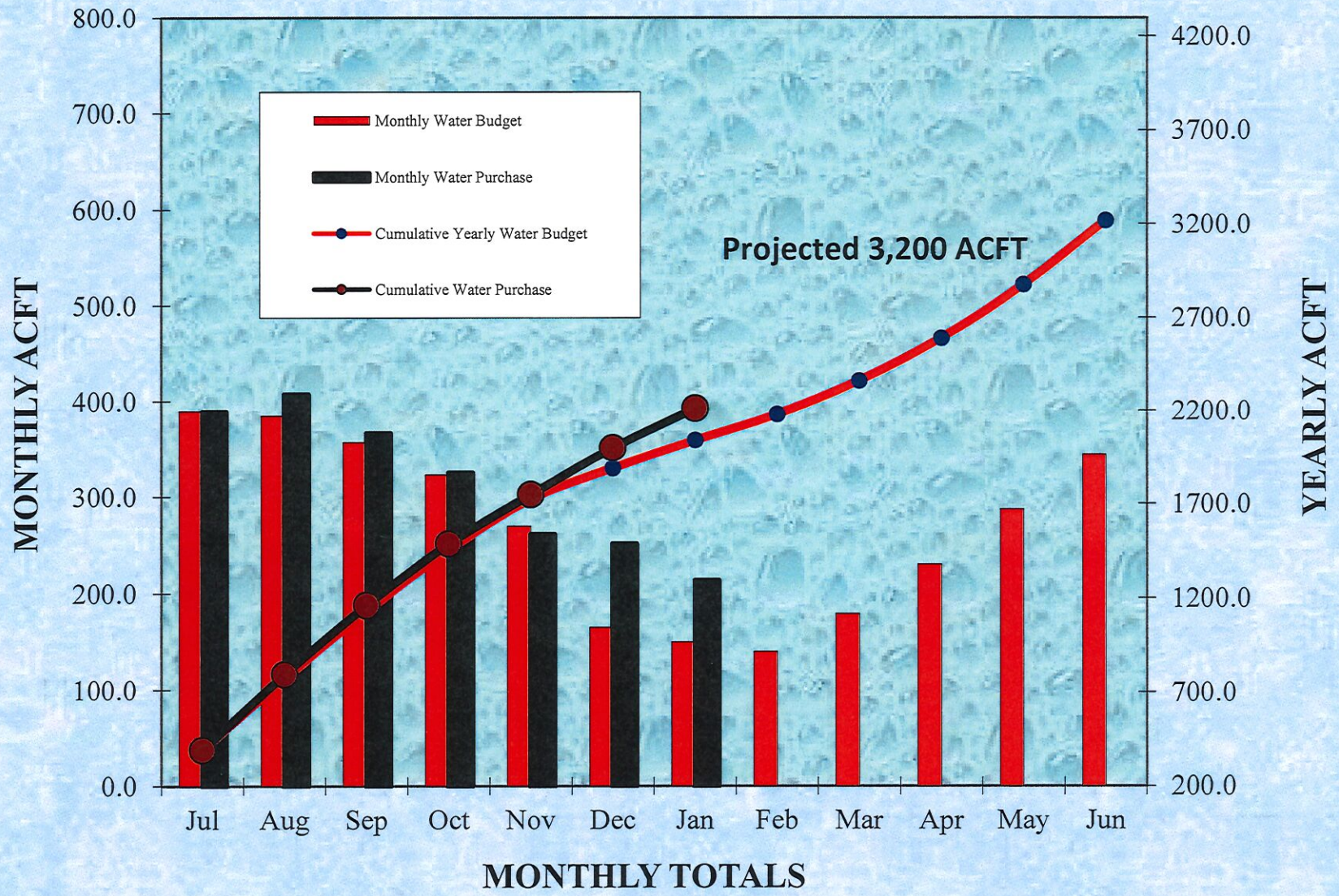




# WHOLESALE BUDGET vs PURCHASE

## Water Year July 2020 through June 2021

**3200 ACFT PROJECTION )**







February 23, 2021

Board of Directors  
Temescal Valley Water District

RE: General Manager's Report

Dear Board:

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

- Working on non-potable water supply improvements
  - Park Canyon Drive RW line – The property has been sold and I am working with the new owners to get the necessary easements. Will Serve Letters were renewed. Multiple meetings to discuss site infrastructure. Progress being made on the surrounding site improvements.
- Working on Conservation opportunities and RW/NP conversion locations
  - New District programs for turf and nozzles
  - Will start the conversation with Corona once the Knabe loop is in place to take certain customers and extend the RW system – that will provide conversion opportunities.
- Working with Land Developers on water and sewer fees for multiple infill projects.
  - Deleo adjacent to Tom's Farms – no news
  - Retreat Infill – Kiley Court – Plans signed – new Will Serve sent
  - Temescal Canyon Road at Campbell Ranch Road – Improvement plans signed – contacted by proposed buyer for discussion on improvements required.
  - Kiley Family Trust Property – Tract Map Stage - Public Hearing scheduled
- Terramor CFD – CFD 4 annexation of Phase 2 completed - Constructing the WRF expansion. Annexation of final PA in Phase 2 completed – Working on Phase 3 Water, Sewer and RW plans.
- Terramor Review:
  - Phase 3 –Blasting continues, Grading is in full swing.
- Terramor Onsite Water, Sewer and RW improvements
  - Work continues Improvement Area 2 – Richmond America, Pardee and Pulte. Grading of Phase 3 continues with multiple area being blasted for rock removal
- Sycamore Creek:
  - TM 36317 Water Sewer and RW improvement plans – TVWD infrastructure is 100% complete – Booster SP complete, accepted by the District and in operation.
- WRF 225K GPD upgrade
  - Submittal review continues and contractor on site –new electrical feed completed, Bypass Vault completed, Digester walls are complete, SBR floors and walls poured, West Influent lift station complete. Electrical duct banks 60%. Piping and equipment beginning to be installed. Work started on EQ lift Station and East Wet Well. New sand filter walls being constructed – blowers and odor control installation continues. EQ PS complete.

Temescal Valley Water District

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



Critical tie- in of pipelines completed – we are now on the new EQ lift station and the grit chamber can be demolished. Grit chamber demolished – Primary Sludge started

- Trilogy Parkway Road Looping:
  - Design in process – potholing of existing facilities started.

# MEMORANDUM

DATE: February 23, 2021

TO: Board of Directors  
Temescal Valley Water District

FROM: General Manager

SUBJECT: Project: Phase IV Water Reclamation Facility Expansion Project –Payment Request 15  
Contractor: PACIFIC HYDROTECH CORPORATION  
TVWD CAP Project No. S-1-2015

## BACKGROUND

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

## Project Summary

Contract -	\$16,444,500.00
Change Orders Approved to Date	<u>\$147,402.61</u>
Current Contract Amount	\$16,591,902.61
Earned this Period -	\$1,213,935.00
5% retention -	\$ 60,696.75
Earned less retention -	\$1,153,238.25

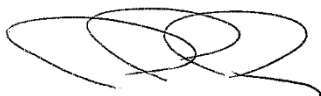
**DUE - Contractor      \$ 1,153,238.25**

## RECOMMENDATION

It is recommended that the Board of Directors:

1. Authorize the payment of \$1,213,935.00 which is a current payment of \$1,153,238.25 to the Contractor and a retention payment of \$60,696.75 to be deposited in an Escrow Account.

Respectfully submitted,



Jeff Pape  
General Manager

**Pacific Hydrotech Payment Requests**

Period Thru	Date Submitted	Date Approved	Date Paid	Payment Request No.	Total Comp to Date	Approved this Period	COST RESPONSIBILITY		PAYMENT SOURCE (see notes)				Math Check	
							33.33% TVWD	66.67% FORESTAR	TVWD		FORESTAR		Retainage 5.00%	PHC 95.00%
									Retainage	PHC	Retainage	PHC		
11/30/2019	12/9/2019	12/10/2019	12/17/2019	Request No. 1	\$ 638,750.00	\$ 638,750.00	\$ 212,916.67	\$ 425,833.33	\$ 10,645.83	\$ 202,270.83	\$ 21,291.67	\$ 404,541.67	\$ 31,937.50	\$ 606,812.50
12/31/2019	1/6/2020	1/14/2020	1/28/2020	Request No. 2	\$ 942,930.00	\$ 304,180.00	\$ 101,393.33	\$ 202,786.67	\$ 5,069.67	\$ 96,323.67	\$ 10,139.33	\$ 192,647.33	\$ 15,209.00	\$ 288,971.00
1/31/2020	2/21/2020	3/17/2020	3/24/2020	Request No. 3	\$ 1,864,845.00	\$ 921,915.00	\$ 307,305.00	\$ 614,610.00	\$ 15,365.25	\$ 291,939.75	\$ 30,730.50	\$ 583,879.50	\$ 46,095.75	\$ 875,819.25
2/29/2020	3/19/2020	4/2/2020	4/28/2020	Request No. 4	\$ 2,690,745.00	\$ 825,900.00	\$ 275,300.00	\$ 550,600.00	\$ 13,765.00	\$ 261,535.00	\$ 27,530.00	\$ 523,070.00	\$ 41,295.00	\$ 784,605.00
3/31/2020	4/13/2020	4/16/2020	4/28/2020	Request No. 5	\$ 3,124,195.00	\$ 433,450.00	\$ 144,483.33	\$ 288,966.67	\$ 7,224.17	\$ 137,259.17	\$ 14,448.33	\$ 274,518.33	\$ 21,672.50	\$ 411,777.50
4/30/2020	5/14/2020	5/19/2020	5/26/2020	Request No. 6	\$ 4,108,360.00	\$ 984,165.00	\$ 328,055.00	\$ 656,110.00	\$ 16,402.75	\$ 311,652.25	\$ 32,805.50	\$ 623,304.50	\$ 49,208.25	\$ 934,956.75
5/31/2020	6/1/2020	6/11/2020	6/23/2020	Request No. 7	\$ 5,208,145.00	\$ 1,099,785.00	\$ 366,595.00	\$ 733,190.00	\$ 18,329.75	\$ 348,265.25	\$ 36,659.50	\$ 696,530.50	\$ 54,989.25	\$ 1,044,795.75
6/30/2020	7/2/2020	7/9/2020	7/28/2020	Request No. 8	\$ 6,094,655.00	\$ 886,510.00	\$ 295,503.33	\$ 591,006.67	\$ 14,775.17	\$ 280,728.17	\$ 29,550.33	\$ 561,456.33	\$ 44,325.50	\$ 842,184.50
7/31/2020	8/6/2020	8/13/2020	8/25/2020	Request No. 9	\$ 7,545,125.00	\$ 1,450,470.00	\$ 483,490.00	\$ 966,980.00	\$ 24,174.50	\$ 459,315.50	\$ 48,349.00	\$ 918,631.00	\$ 72,523.50	\$ 1,377,946.50
8/31/2020	9/9/2020	9/10/2020	9/27/2020	Request No. 10	\$ 8,585,310.00	\$ 1,040,185.00	\$ 346,728.33	\$ 693,456.67	\$ 17,336.42	\$ 329,391.92	\$ 34,672.83	\$ 658,783.83	\$ 52,009.25	\$ 988,175.75
9/30/2020	10/7/2020	10/15/2020	10/27/2020	Request No. 11	\$ 9,534,865.00	\$ 949,555.00	\$ 316,518.33	\$ 633,036.67	\$ 15,825.92	\$ 300,692.42	\$ 31,651.83	\$ 601,384.83	\$ 47,477.75	\$ 902,077.25
10/31/2020	11/3/2020	11/5/2020	11/24/2020	Request No. 12	\$ 9,859,110.00	\$ 324,245.00	\$ 108,081.67	\$ 216,163.33	\$ 5,404.08	\$ 102,677.58	\$ 10,808.17	\$ 205,355.17	\$ 16,212.25	\$ 308,032.75
11/30/2020	12/4/2020	12/10/2020	12/22/2020	Request No. 13	\$ 10,305,970.00	\$ 446,860.00	\$ 148,953.33	\$ 297,906.67	\$ 7,447.67	\$ 141,505.67	\$ 14,895.33	\$ 283,011.33	\$ 22,343.00	\$ 424,517.00
12/31/2020	1/8/2021	1/12/2021	1/26/2021	Request No. 14	\$ 11,067,728.27	\$ 761,758.27	\$ 253,919.42	\$ 507,838.85	\$ 12,695.97	\$ 241,223.45	\$ 25,391.94	\$ 482,446.90	\$ 38,087.91	\$ 723,670.36
1/31/2021	2/12/2021	2/16/2021	2/23/2021	Request No. 15	\$ 12,281,663.27	\$ 1,213,935.00	\$ 404,645.00	\$ 809,290.00	\$ 20,232.25	\$ 384,412.75	\$ 40,464.50	\$ 768,825.50	\$ 60,696.75	\$ 1,153,238.25
TOTALS TO DATE						\$ 12,281,663.27	\$ 4,093,887.76	\$ 8,187,775.51	\$ 204,694.39	\$ 3,889,193.37	\$ 409,388.78	\$ 7,778,386.74	\$ 614,083.16	\$ 11,667,580.11

**Pacific Hydrotech Contract Summary**

	Actual	Proposed
ORIG	Original Contract Amount	\$ 16,444,500.00
CO #1	Primary Cover Beams Change Orders	\$ 28,980.07
CO #2	MCC Modifications	\$ 17,720.77
CO #3	Electrical Design Revisions	\$ 94,137.69
CO #4	Headworks Valve Extensions	\$ 6,564.08
	Current contract Amount	\$ 16,591,902.61

Notes:

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

# PAYMENT APPLICATION

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

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

**APPLICATION #** 15  
**PERIOD THRU:** 01/31/2021  
**Owner Project #:**

**DISTRIBUTION TO:**

- CONTRACTOR
- CONSTR. MGR.
- CITY INSPECTOR
- OWNER

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

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

**DATE OF CONTRACT:** 8/16/2019

## CONTRACTOR'S SUMMARY OF WORK

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

<b>1. CONTRACT AMOUNT</b>	16,444,500.00
<b>2. SUM OF ALL CHANGE ORDERS</b>	147,402.61
<b>3. CURRENT CONTRACT AMOUNT</b> (Line 1 + 2)	16,591,902.61
<b>4. TOTAL COMPLETED AND STORED</b> (Column G on Continuation Page)	12,281,663.27
<b>5. RETAINAGE:</b>	
A. 5% Of Completed Work (Column D+ E on Continuation Page)	614,083.16
B. 5% of Material Stored (Column F on Continuation Page)	0.00
Total Retainage (Line 5a + 5b or Column I on Continuation Page)	614,083.16
<b>6. TOTAL COMPLETED AND STORED LESS RETAINAGE:</b> (Line 4 minus Line 5 Total)	11,667,580.11
<b>7. LESS PREVIOUS CERTIFICATES FOR PAYMENT:</b>	10,514,341.86
<b>8. CURRENT PAYMENT DUE:</b>	1,153,238.25
<b>9. BALANCE HELD BY OWNER:</b> Line 3 - Line 6	4,924,322.50

SUMMARY OF CHANGE ORDERS	ADDITIONS	DEDUCTIONS
Total changes approved in previous months	147,402.61	0.00
Total approved this month	0.00	0.00
<b>TOTALS</b>	147,402.61	0.00
<b>NET CHANGES</b>	147,402.61	

**CONTRACTOR:** PACIFIC HYDROTECH CORPORATION

Contractor's signature below:

By:  Date: 2/12/2021

**CONSTRUCTION MANAGER: MUROW | DC**

Construction Manager's signature below:

By:  Date: 02/15/2021

**INSPECTOR:** TEMESCAL VALLEY WATER DISTRICT

Inspector's signature below:

By:  Date: 2-16-2021

## OWNER'S CERTIFICATION

CERTIFIED AMOUNT:

.....1,153,238.25

**OWNER:** TEMESCAL VALLEY WATER DISTRICT

Owner's signature below

By:  Date: 2/16/2021



**PAYMENT APPLICATION DETAILS**

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

Application Number: 15  
 For Period Ending: 01/31/2021

A	B	C	Work Completed			F	G		H	I
			Scheduled Value	From Previous Application	This Period Value		Total Percent this Period	Materials Presently Stored		
Item Number - Description										
01	MOB, BONDS, SOV, PROJECT SCHEDULE	820,000.00	755,500.00	4,500.00	0.55%	0.00	760,000.00	92.68	60,000.00	38,000.00
01.01	BONDS AND INSURANCE	350,000.00	350000.00	0.00	0.00%	0.00	350000.00	100.00	0.00	17,500.00
01.02	MOBILIZE EQUIPMENT AND TEMP FACILITIES	325,000.00	325000.00	0.00	0.00%	0.00	325000.00	100.00	0.00	16,250.00
01.03	DEMOB EQUIPMENT AND TEMP FACILITIES	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
01.04	BASELINE SCHEDULE SUBMITTAL	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
01.05	CONSTRUCTION SCHEDULING	30,000.00	7500.00	1,500.00	5.00%	0.00	9000.00	30.00	21,000.00	450.00
01.06	PRECONSTRUCTION VIDEO	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
01.07	MAINTAIN TEMP FACILITIES	60,000.00	48000.00	3,000.00	5.00%	0.00	51000.00	85.00	9,000.00	2,550.00
02	SHEETING, SHORING, AND BRACING	6,100.00	5,490.00	305.00	5.00%	0.00	5,795.00	95.00	305.00	289.75
02.01	TRENCH SHORING	6,100.00	5490.00	305.00	5.00%	0.00	5795.00	95.00	305.00	289.75
03	EROSION CONTROL	55,700.00	48,560.00	1,785.00	3.20%	0.00	50,345.00	90.39	5,355.00	2,517.25
03.01	BMP INSTALLATION	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
03.02	BMP MAINTENANCE	35,700.00	28560.00	1,785.00	5.00%	0.00	30345.00	85.00	5,355.00	1,517.25
04	SURVEY	24,200.00	21,780.00	1,210.00	5.00%	0.00	22,990.00	95.00	1,210.00	1,149.50
04.01	SURVEY	24,200.00	21780.00	1,210.00	5.00%	0.00	22990.00	95.00	1,210.00	1,149.50
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	33,520.00	0.00	0.00%	0.00	33,520.00	80.00	8,380.00	1,676.00
05.01	MAINTAIN PLANT FACILITY OPERATIONS	41,900.00	33520.00	0.00	0.00%	0.00	33520.00	80.00	8,380.00	1,676.00
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	212,525.00	0.00	0.00%	0.00	212,525.00	91.96	18,575.00	10,626.25
06.01	EXCAVATE AND BACKFILL FOR ELECTRICAL	95,000.00	95000.00	0.00	0.00%	0.00	95000.00	100.00	0.00	4,750.00
06.02	ELECT. DISCONNECT & REMOVAL OF WIRING	45,000.00	45000.00	0.00	0.00%	0.00	45000.00	100.00	0.00	2,250.00
06.03	FURNISH & INSTALL PULL BOX PER DE0.0	12,500.00	12500.00	0.00	0.00%	0.00	12500.00	100.00	0.00	625.00
06.04	FURNISH & INSTALL SCE CONDUIT PER DE0.0	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
06.05	INTERCEPT LIGHTING CONDUIT DE0.0 NOTE 13	3,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,500.00	0.00



06.06	REROUTE SBR ELECTRICAL DE0.0 NOTE 14	20,100.00	5025.00	0.00	0.00%	0.00	5025.00	25.00	15,075.00	251.25
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	139,060.00	3,540.00	2.48%	0.00	142,600.00	100.00	0.00	7,130.00
07.01	DEMO SUB MOBILIZATION	4,000.00	4000.00	0.00	0.00%	0.00	4000.00	100.00	0.00	200.00
07.02	DEMOLISH & REMOVE GRIT CHAMBER STRUCTURE	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00
07.03	DEMO & REMOVE GRIT CHAMBER PUMPS & PADS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
07.04	DEMO & REMOVE GRIT CHAMBER ACCESS STAIRS	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00
07.05	DEMO & REMOVE RETAINING WALL AT STAIRS	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
07.06	OTHER MISC DEMOLITION	23,600.00	20060.00	3,540.00	15.00%	0.00	23600.00	100.00	0.00	1,180.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	1,206,000.00	77,300.00	5.32%	0.00	1,283,300.00	88.27	170,600.00	64,165.00
08.01	POTHOLE	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
08.02	UNLOAD PIPE MATERIALS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
08.03	16" SEDIMENTATION TANK BYPASS LINE	125,000.00	125000.00	0.00	0.00%	0.00	125000.00	100.00	0.00	6,250.00
08.04	10" PEF - PS TO EX 16" GE (11 thru 18)	175,000.00	175000.00	0.00	0.00%	0.00	175000.00	100.00	0.00	8,750.00
08.05	10" PEF - PS TO EX 16" GE (19 thru 25)	175,000.00	175000.00	0.00	0.00%	0.00	175000.00	100.00	0.00	8,750.00
08.06	4" WHP PLANT WATER LINE @SED. BASIN	45,900.00	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	18000.00	0.00	0.00%	0.00	18000.00	100.00	0.00	900.00
08.10	4" PS/SC SCUM LINE TO DIGESTERS	85,000.00	85000.00	0.00	0.00%	0.00	85000.00	100.00	0.00	4,250.00
08.11	INSTALL 12" OF PIPE FROM SBR TO PS	95,000.00	76000.00	0.00	0.00%	0.00	76000.00	80.00	19,000.00	3,800.00
08.12	CORE EXISTING WETWELL	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00
08.13	12"/16"24" SE PIPING @ SBR's	145,000.00	145000.00	0.00	0.00%	0.00	145000.00	100.00	0.00	7,250.00
08.14	12" WAS TO EXISTING PIPE	75,000.00	75000.00	0.00	0.00%	0.00	75000.00	100.00	0.00	3,750.00
08.15	2" WATERLINE @ SBR's	12,000.00	0.00	12,000.00	100.00%	0.00	12000.00	100.00	0.00	600.00
08.16	16" BP PIPE @ TERTIARY FILTERS	38,000.00	38000.00	0.00	0.00%	0.00	38000.00	100.00	0.00	1,900.00
08.17	6" TD PIPE @ TERTIARY FILTERS	32,000.00	32000.00	0.00	0.00%	0.00	32000.00	100.00	0.00	1,600.00
08.18	8" DIGESTED SLUDGE TO EX. PIPE @ DIG'S	78,000.00	78000.00	0.00	0.00%	0.00	78000.00	100.00	0.00	3,900.00
08.19	4" BIOFILTER DRAIN TO PS	53,000.00	53000.00	0.00	0.00%	0.00	53000.00	100.00	0.00	2,650.00
08.20	2" WHP LINE @ DIGESTERS	14,000.00	14000.00	0.00	0.00%	0.00	14000.00	100.00	0.00	700.00
08.21	12" DRAIN LINE @ DRYING BEDS	42,000.00	0.00	37,800.00	90.00%	0.00	37800.00	90.00	4,200.00	1,890.00
08.22	EXC/SET/BACKFILL CATCH BASIN	25,000.00	0.00	25,000.00	100.00%	0.00	25000.00	100.00	0.00	1,250.00
08.23	TEST PIPES	50,000.00	40000.00	2,500.00	5.00%	0.00	42500.00	85.00	7,500.00	2,125.00

09	GRADING	454,900.00	390,830.00	0.00	0.00%	0.00	390,830.00	85.92	64,070.00	19,541.50
09.01	EXCAVATE INFLUENT VAULTS	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
09.02	FINE GRADE BOTTOM	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
09.03	BACKFILL INFLUENT VALVE VAULTS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
09.04	EXC. SEDIMENTATION BASIN & BIOFILTER	32,000.00	28800.00	0.00	0.00%	0.00	28800.00	90.00	3,200.00	1,440.00
09.05	FINE GRADE BOTTOM (SBR)	8,000.00	7200.00	0.00	0.00%	0.00	7200.00	90.00	800.00	360.00
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	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
09.10	EXCAVATE TERTIARY FILTERS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
09.11	FINE GRADE BOTTOM	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
09.12	BACKFILL TERTIARY FILTERS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
09.13	EXCAVATE DIGESTERS & BIOFILTER	65,000.00	65000.00	0.00	0.00%	0.00	65000.00	100.00	0.00	3,250.00
09.14	FINE GRADE BOTTOM	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
09.15	BACKFILL DIGESTERS & BIOFILTER	62,000.00	62000.00	0.00	0.00%	0.00	62000.00	100.00	0.00	3,100.00
09.16	LOAD EXPORT TRUCKS	31,400.00	29830.00	0.00	0.00%	0.00	29830.00	95.00	1,570.00	1,491.50
09.17	EXPORT SPOILS	125,000.00	118750.00	0.00	0.00%	0.00	118750.00	95.00	6,250.00	5,937.50
09.18	ROAD CLEAN UP	5,000.00	4750.00	0.00	0.00%	0.00	4750.00	95.00	250.00	237.50
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	48,700.00	0.00	0.00%	0.00	48,700.00	100.00	0.00	2,435.00
11.01	TEMPORARY BYPASS PIPING SYSTEM	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
11.02	INSTALL/REMOVE PIPING @ INFL PS	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
11.03	PATCH PRECAST WALL PENETRATION	3,700.00	3700.00	0.00	0.00%	0.00	3700.00	100.00	0.00	185.00
11.04	TIE INS	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
12	EQ BYPASS VAULT INCLUDING PIPING	153,700.00	153,700.00	0.00	0.00%	0.00	153,700.00	100.00	0.00	7,685.00
12.01	PROCURE PRECAST VAULT	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
12.02	PROCURE DIP AND VALVES @ VAULT	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
12.03	PURCHASE HANDRAIL	4,000.00	4000.00	0.00	0.00%	0.00	4000.00	100.00	0.00	200.00
12.04	INSTALL HANDRAIL	3,000.00	3000.00	0.00	0.00%	0.00	3000.00	100.00	0.00	150.00
12.05	EXCAVATE VAULT	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00

12.06	PREP SUBGRADE	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
12.07	SET VAULT	12,200.00	12200.00	0.00	0.00%	0.00	12200.00	100.00	0.00	610.00
12.08	BACKFILL VAULT	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
12.09	PIPE AND APPURTENANCES INSIDE VAULT	17,000.00	17000.00	0.00	0.00%	0.00	17000.00	100.00	0.00	850.00
12.10	PAINTING	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
13	INFLUENT PUMP STATION	339,300.00	313,800.00	0.00	0.00%	0.00	313,800.00	92.48	25,500.00	15,690.00
13.01	PURCHASE PIPING @ INFLUENT PS	71,300.00	71300.00	0.00	0.00%	0.00	71300.00	100.00	0.00	3,565.00
13.02	PURCHASE & INSTALL PUMPS @ INFLUENT PS	110,000.00	93500.00	0.00	0.00%	0.00	93500.00	85.00	16,500.00	4,675.00
13.03	PURCHASE & INSTL HANDRAIL @ INFLUENT PS	9,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	9,000.00	0.00
13.04	MECHANICAL WORK @ INFLUENT PS	72,000.00	72000.00	0.00	0.00%	0.00	72000.00	100.00	0.00	3,600.00
13.05	PAINTING	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
13.06	CONCRETE WORK @ INFLUENT PS	70,000.00	70000.00	0.00	0.00%	0.00	70000.00	100.00	0.00	3,500.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	206,400.00	32,650.00	12.38%	0.00	239,050.00	90.62	24,750.00	11,952.50
14.01	PURCHASE AUGER	181,300.00	181300.00	0.00	0.00%	0.00	181300.00	100.00	0.00	9,065.00
14.02	INSTALL AUGER	8,500.00	3400.00	2,975.00	35.00%	0.00	6375.00	75.00	2,125.00	318.75
14.03	INSTALL TROUGH	10,500.00	4200.00	3,675.00	35.00%	0.00	7875.00	75.00	2,625.00	393.75
14.04	PURCHASE AND INSTALL STEEL PIPE	20,000.00	10000.00	5,000.00	25.00%	0.00	15000.00	75.00	5,000.00	750.00
14.05	PURCHASE AND INSTALL LADDER	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
14.06	MISC. MECHANICAL	28,000.00	0.00	21,000.00	75.00%	0.00	21000.00	75.00	7,000.00	1,050.00
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	60,000.00	561,940.00	17.61%	0.00	621,940.00	19.50	2,568,260.00	31,097.00
15.01	LAYOUT AND FORM FOR FLOOR	150,000.00	60000.00	90,000.00	60.00%	0.00	150000.00	100.00	0.00	7,500.00
15.02	POUR TANK FLOOR	550,000.00	0.00	165,000.00	30.00%	0.00	165000.00	30.00	385,000.00	8,250.00
15.03	ASSEMBLE/DISASSEMBLE WALL FORMS	120,000.00	0.00	12,000.00	10.00%	0.00	12000.00	10.00	108,000.00	600.00
15.04	FORM/POUR/STRIP WALLS	560,000.00	0.00	44,800.00	8.00%	0.00	44800.00	8.00	515,200.00	2,240.00
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	250,140.00	20.00%	0.00	250140.00	20.00	1,000,560.00	12,507.00
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	434,560.00	0.00	0.00%	0.00	434,560.00	62.45	261,240.00	21,728.00
16.01	PROCURE BIOFILTER EQUIPMENT	250,000.00	200000.00	0.00	0.00%	0.00	200000.00	80.00	50,000.00	10,000.00
16.02	EXCAVATE FOR BIOFILTERS	15,000.00	10500.00	0.00	0.00%	0.00	10500.00	70.00	4,500.00	525.00
16.03	PREP SUBRADE	4,500.00	3150.00	0.00	0.00%	0.00	3150.00	70.00	1,350.00	157.50
16.04	LAYOUT AND FORM FOR FLOOR	10,000.00	7000.00	0.00	0.00%	0.00	7000.00	70.00	3,000.00	350.00
16.05	POUR FLOOR	50,000.00	35000.00	0.00	0.00%	0.00	35000.00	70.00	15,000.00	1,750.00
16.06	STRIP FLOOR	6,000.00	4200.00	0.00	0.00%	0.00	4200.00	70.00	1,800.00	210.00
16.07	FORM WALLS	20,000.00	14000.00	0.00	0.00%	0.00	14000.00	70.00	6,000.00	700.00
16.08	POUR WALLS	75,000.00	52500.00	0.00	0.00%	0.00	52500.00	70.00	22,500.00	2,625.00
16.09	STRIP WALLS	14,800.00	10360.00	0.00	0.00%	0.00	10360.00	70.00	4,440.00	518.00
16.10	CONCRETE CURING	2,000.00	1400.00	0.00	0.00%	0.00	1400.00	70.00	600.00	70.00
16.11	PURCHASE AND INSTALL PIPING	65,000.00	52000.00	0.00	0.00%	0.00	52000.00	80.00	13,000.00	2,600.00
16.12	PURCHASE AND INSTALL PIPE SUPPORTS	75,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	75,000.00	0.00
16.13	INSTALL EQUIPMENT AND MEDIA	50,000.00	35000.00	0.00	0.00%	0.00	35000.00	70.00	15,000.00	1,750.00
16.14	INSTALL SS DUCTING	35,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	35,000.00	0.00
16.15	INSTALL WATERLINE AND SPRINKLERS	13,500.00	9450.00	0.00	0.00%	0.00	9450.00	70.00	4,050.00	472.50
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	336,200.00	0.00	0.00%	0.00	336,200.00	100.00	0.00	16,810.00
17.01	PLUG 16" LINE	2,000.00	2000.00	0.00	0.00%	0.00	2000.00	100.00	0.00	100.00
17.02	PURCHASE AND INSTALL PUMPS	180,000.00	180000.00	0.00	0.00%	0.00	180000.00	100.00	0.00	9,000.00
17.03	INSTALL GUIDE RAILS AND SUPPORTS	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
17.04	PURCHASE PIPING	115,000.00	115000.00	0.00	0.00%	0.00	115000.00	100.00	0.00	5,750.00
17.05	INSTALL PIPE IN WETWELL	4,800.00	4800.00	0.00	0.00%	0.00	4800.00	100.00	0.00	240.00
17.06	INSTALL ABOVE GRADE PIPE	11,800.00	11800.00	0.00	0.00%	0.00	11800.00	100.00	0.00	590.00
17.07	CORE DRILL 12" SBR OVERFLOW	1,200.00	1200.00	0.00	0.00%	0.00	1200.00	100.00	0.00	60.00
17.08	CONCRETE PAD	4,000.00	4000.00	0.00	0.00%	0.00	4000.00	100.00	0.00	200.00
17.09	PAINTING AND COATING	9,900.00	9900.00	0.00	0.00%	0.00	9900.00	100.00	0.00	495.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	1,767,900.00	28,780.00	1.51%	0.00	1,796,680.00	94.21	110,420.00	89,834.00
18.01	LAYOUT FLOOR	10,000.00	10000.00	0.00	0.00%	0.00	10000.00	100.00	0.00	500.00
18.02	FORM FLOOR	115,000.00	115000.00	0.00	0.00%	0.00	115000.00	100.00	0.00	5,750.00
18.03	INSTALL REBAR	250,000.00	237500.00	0.00	0.00%	0.00	237500.00	95.00	12,500.00	11,875.00

18.04	POUR FLOOR	365,000.00	365000.00	0.00	0.00%	0.00	365000.00	100.00	0.00	18,250.00
18.05	STRIP FLOOR	95,900.00	95900.00	0.00	0.00%	0.00	95900.00	100.00	0.00	4,795.00
18.06	CURE FLOOR	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
18.07	ASSEMBLE/DISASSEMBLE WALL FORMS	125,000.00	125000.00	0.00	0.00%	0.00	125000.00	100.00	0.00	6,250.00
18.08	FORM STRAIGHT WALLS	150,000.00	150000.00	0.00	0.00%	0.00	150000.00	100.00	0.00	7,500.00
18.09	POUR STRAIGHT WALLS	238,000.00	238000.00	0.00	0.00%	0.00	238000.00	100.00	0.00	11,900.00
18.10	STRIP STRAIGHT WALLS	90,000.00	90000.00	0.00	0.00%	0.00	90000.00	100.00	0.00	4,500.00
18.11	CURE STRAIGHT WALLS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
18.12	PATCH STRAIGHT WALLS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
18.13	FORM THICKENED WALL	30,000.00	25200.00	0.00	0.00%	0.00	25200.00	84.00	4,800.00	1,260.00
18.14	POUR THICKENED WALL	75,000.00	63000.00	0.00	0.00%	0.00	63000.00	84.00	12,000.00	3,150.00
18.15	STRIP THICKENED WALL	25,000.00	21000.00	0.00	0.00%	0.00	21000.00	84.00	4,000.00	1,050.00
18.16	CURE THICKENED WALL	2,500.00	2100.00	0.00	0.00%	0.00	2100.00	84.00	400.00	105.00
18.17	PATCH THICKENED WALL	10,000.00	8400.00	0.00	0.00%	0.00	8400.00	84.00	1,600.00	420.00
18.18	FORM WALKWAYS	18,500.00	18500.00	0.00	0.00%	0.00	18500.00	100.00	0.00	925.00
18.19	POUR WALKWAYS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
18.20	STRIP WALKWAYS	8,500.00	8500.00	0.00	0.00%	0.00	8500.00	100.00	0.00	425.00
18.21	EQUIPMENT PADS	7,800.00	3900.00	3,900.00	50.00%	0.00	7800.00	100.00	0.00	390.00
18.22	SET RAILINGS	35,900.00	0.00	7,180.00	20.00%	0.00	7180.00	20.00	28,720.00	359.00
18.23	LAYOUT PIPING	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
18.24	INSTALL 8" SLUDGE DRAIN LINE	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
18.25	INSTALL MUD VALVES	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
18.26	CONCRETE PADS @ BLOWERS	3,000.00	3000.00	0.00	0.00%	0.00	3000.00	100.00	0.00	150.00
18.27	INSTALL ABOVE GRADE PIPING @ PUMPS	32,000.00	30400.00	1,600.00	5.00%	0.00	32000.00	100.00	0.00	1,600.00
18.28	INSTALL ABOVE GRADE PIPING @ BLOWERS	7,000.00	4900.00	2,100.00	30.00%	0.00	7000.00	100.00	0.00	350.00
18.29	INSTL ABOVE GRADE AIR PIPING @ SBR TANK	7,000.00	5600.00	0.00	0.00%	0.00	5600.00	80.00	1,400.00	280.00
18.30	INSTALL ABOVE GRADE OVERFLOW PIPING	40,000.00	32000.00	8,000.00	20.00%	0.00	40000.00	100.00	0.00	2,000.00
18.31	INSTALL PIPE SUPPORTS @ SBR TANKS	30,000.00	27000.00	0.00	0.00%	0.00	27000.00	90.00	3,000.00	1,350.00
18.32	PAINTING	60,000.00	12000.00	6,000.00	10.00%	0.00	18000.00	30.00	42,000.00	900.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	146,825.00	6,800.00	4.14%	0.00	153,625.00	93.56	10,575.00	7,681.25
19.01	ACQUIRE ANCHORAGE	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
19.02	UNLOAD OWNER FURNISHED EQUIPMENT	7,500.00	7500.00	0.00	0.00%	0.00	7500.00	100.00	0.00	375.00
19.03	LAYOUT EQUIPMENT	8,000.00	8000.00	0.00	0.00%	0.00	8000.00	100.00	0.00	400.00
19.04	INSTALL DECANTER SUPPORTS	10,500.00	10500.00	0.00	0.00%	0.00	10500.00	100.00	0.00	525.00
19.05	INSTALL DECANTERS	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00

19.06	INSTALL INFL. SLUDGE COLL. PIPES (FRP)	28,000.00	28000.00	0.00	0.00%	0.00	28000.00	100.00	0.00	1,400.00
19.07	INSTALL JET AERATION PIPE ASSEMBLY	18,200.00	18200.00	0.00	0.00%	0.00	18200.00	100.00	0.00	910.00
19.08	INSTALL PIPE SUPPORTS	7,500.00	5625.00	0.00	0.00%	0.00	5625.00	75.00	1,875.00	281.25
19.09	INSTALL 12" FILL LINE (FRP)	22,000.00	22000.00	0.00	0.00%	0.00	22000.00	100.00	0.00	1,100.00
19.10	INSTALL JET MOTIVE PUMPS	8,500.00	0.00	6,800.00	80.00%	0.00	6800.00	80.00	1,700.00	340.00
19.11	INSTALL BLOWERS	14,000.00	7000.00	0.00	0.00%	0.00	7000.00	50.00	7,000.00	350.00
20	TERTIARY FILTERS	585,300.00	430,300.00	115,000.00	19.65%	0.00	545,300.00	93.17	40,000.00	27,265.00
20.01	LAYOUT FLOOR	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
20.02	FORM FLOOR	5,500.00	5500.00	0.00	0.00%	0.00	5500.00	100.00	0.00	275.00
20.03	INSTALL REBAR	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
20.04	POUR FLOOR	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
20.05	STRIP FORMS	4,500.00	4500.00	0.00	0.00%	0.00	4500.00	100.00	0.00	225.00
20.06	FORM WALLS	35,000.00	35000.00	0.00	0.00%	0.00	35000.00	100.00	0.00	1,750.00
20.07	INSTALL REBAR	30,000.00	30000.00	0.00	0.00%	0.00	30000.00	100.00	0.00	1,500.00
20.08	DRILL/SET DOWELS @ WALLS	10,300.00	10300.00	0.00	0.00%	0.00	10300.00	100.00	0.00	515.00
20.09	FORM CHANNEL WALLS	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
20.10	GRATES AND RAILS	10,000.00	7500.00	2,500.00	25.00%	0.00	10000.00	100.00	0.00	500.00
20.11	PAINTING AND COATING	25,000.00	0.00	6,250.00	25.00%	0.00	6250.00	25.00	18,750.00	312.50
20.12	MECHANICAL WORK @ TERTIARY FILTERS	425,000.00	297500.00	106,250.00	25.00%	0.00	403750.00	95.00	21,250.00	20,187.50
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	33,900.00	0.00	0.00%	0.00	33,900.00	100.00	0.00	1,695.00
21.01	ACQUIRE NEW AIR COMPRESSORS	29,400.00	29400.00	0.00	0.00%	0.00	29400.00	100.00	0.00	1,470.00
21.02	REMOVE OLD AIR COMPRESSORS	2,000.00	2000.00	0.00	0.00%	0.00	2000.00	100.00	0.00	100.00
21.03	INSTALL NEW AIR COMPRESSORS	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
22	AEROBIC DIGESTERS	1,983,300.00	1,935,050.00	33,750.00	1.70%	0.00	1,968,800.00	99.27	14,500.00	98,440.00
22.01	DRILL/SET DOWELS	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
22.02	LAYOUT SLAB	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
22.03	FORM FLOOR	130,000.00	130000.00	0.00	0.00%	0.00	130000.00	100.00	0.00	6,500.00
22.04	INSTALL REBAR	215,000.00	215000.00	0.00	0.00%	0.00	215000.00	100.00	0.00	10,750.00
22.05	POUR SLAB	250,000.00	250000.00	0.00	0.00%	0.00	250000.00	100.00	0.00	12,500.00
22.06	STRIP SLAB	50,000.00	50000.00	0.00	0.00%	0.00	50000.00	100.00	0.00	2,500.00
22.07	CURE SLAB	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
22.08	ASSEMBLE/DISASSEMBLE WALL FORMS	85,000.00	85000.00	0.00	0.00%	0.00	85000.00	100.00	0.00	4,250.00
22.09	FORM WALLS	140,000.00	140000.00	0.00	0.00%	0.00	140000.00	100.00	0.00	7,000.00
22.10	INSTALL REBAR	175,000.00	175000.00	0.00	0.00%	0.00	175000.00	100.00	0.00	8,750.00
22.11	POUR WALLS	285,000.00	285000.00	0.00	0.00%	0.00	285000.00	100.00	0.00	14,250.00
22.12	STRIP WALLS	80,000.00	80000.00	0.00	0.00%	0.00	80000.00	100.00	0.00	4,000.00
22.13	CURE WALLS	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
22.14	SET RAILINGS	65,000.00	61750.00	0.00	0.00%	0.00	61750.00	95.00	3,250.00	3,087.50

22.15	SET STAIRCASE	45,000.00	0.00	33,750.00	75.00%	0.00	33750.00	75.00	11,250.00	1,687.50
22.16	PAINTING AND COATING	351,800.00	351800.00	0.00	0.00%	0.00	351800.00	100.00	0.00	17,590.00
22.17	WATERPROOFING	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	1,351,200.00	78,250.00	4.89%	0.00	1,429,450.00	89.40	169,450.00	71,472.50
23.01	LAYOUT EQUIPMENT	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
23.02	INSTALL DECANT SUPPORTS	2,500.00	2500.00	0.00	0.00%	0.00	2500.00	100.00	0.00	125.00
23.03	PURCHASE & INSTALL DECANT PIPES AND ARM	75,000.00	75000.00	0.00	0.00%	0.00	75000.00	100.00	0.00	3,750.00
23.04	INSTALL DIGESTER FOAM CONTROL PIPE	20,000.00	20000.00	0.00	0.00%	0.00	20000.00	100.00	0.00	1,000.00
23.05	INSTALL FOAM CONTROL PIPE (4" DIP)	25,000.00	25000.00	0.00	0.00%	0.00	25000.00	100.00	0.00	1,250.00
23.06	INSTALL FOAM SPRAY NOZZLES	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
23.07	PURCHASE AND INSTALL AIR PIPING (SST)	120,000.00	120000.00	0.00	0.00%	0.00	120000.00	100.00	0.00	6,000.00
23.08	BUBBLER DIFFUSERS (5%)	3,500.00	3500.00	0.00	0.00%	0.00	3500.00	100.00	0.00	175.00
23.09	BUBBLER DIFFUSERS (75%)	52,000.00	52000.00	0.00	0.00%	0.00	52000.00	100.00	0.00	2,600.00
23.10	BUBBLER DIFFUSERS (10%)	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
23.11	BUBBLER DIFFUSERS (10%)	7,000.00	7000.00	0.00	0.00%	0.00	7000.00	100.00	0.00	350.00
23.12	INSTALL COARSE BUBBLER DIFFUSERS	6,500.00	6500.00	0.00	0.00%	0.00	6500.00	100.00	0.00	325.00
23.13	INSTALL PIPE SUPPORTS	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
23.14	INSTALL SLIDE GATES	5,000.00	4750.00	0.00	0.00%	0.00	4750.00	95.00	250.00	237.50
23.15	PURCHASE AND INSTALL COVERS	125,000.00	118750.00	0.00	0.00%	0.00	118750.00	95.00	6,250.00	5,937.50
23.16	PURCHASE AND INSTALL BLOWERS	220,000.00	198000.00	0.00	0.00%	0.00	198000.00	90.00	22,000.00	9,900.00
23.17	INSTALL UNDERGROUND AIR PIPING	12,000.00	12000.00	0.00	0.00%	0.00	12000.00	100.00	0.00	600.00
23.18	INSTALL PIPING @ BLOWERS	12,500.00	12500.00	0.00	0.00%	0.00	12500.00	100.00	0.00	625.00
23.19	INSTALL PUMPS	5,000.00	4000.00	0.00	0.00%	0.00	4000.00	80.00	1,000.00	200.00
23.20	INSTALL DIGESTER PIPING @ PUMPS	30,000.00	27000.00	0.00	0.00%	0.00	27000.00	90.00	3,000.00	1,350.00
23.21	INSTALL UNDERGROUND 6" WAS PIPE	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
23.22	INSTALL UNDERGROUND DI PIPING	5,000.00	5000.00	0.00	0.00%	0.00	5000.00	100.00	0.00	250.00
23.23	PURCHASE AND INSTALL POLYMER SYSTEM	29,900.00	14950.00	0.00	0.00%	0.00	14950.00	50.00	14,950.00	747.50
23.24	INSTALL WATER PIPE	20,000.00	18000.00	0.00	0.00%	0.00	18000.00	90.00	2,000.00	900.00
23.25	INSTALL/REPL PIPING @ EXISTING DIGESTERS	12,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,500.00	0.00
23.26	PURCHASE SLUDGE PUMPS (6P-01 - 04)	80,000.00	80000.00	0.00	0.00%	0.00	80000.00	100.00	0.00	4,000.00
23.27	PURCHASE PIPING @ DIGESTERS	200,000.00	200000.00	0.00	0.00%	0.00	200000.00	100.00	0.00	10,000.00
23.28	PURCHASE SLUDGE EFFLUENT PUMP (6P-05)	15,000.00	15000.00	0.00	0.00%	0.00	15000.00	100.00	0.00	750.00
23.29	CORE WALLS	3,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	3,000.00	0.00
23.30	INSTALL PIPING INSIDE TANKS	90,000.00	90000.00	0.00	0.00%	0.00	90000.00	100.00	0.00	4,500.00
23.31	SET STAIRCASE	12,000.00	0.00	9,000.00	75.00%	0.00	9000.00	75.00	3,000.00	450.00

23.32	SET RAILINGS	20,000.00	19000.00	0.00	0.00%	0.00	19000.00	95.00	1,000.00	950.00
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	1250.00	11,250.00	45.00%	0.00	12500.00	50.00	12,500.00	625.00
23.35	PAINTING AND COATING	290,000.00	174000.00	58,000.00	20.00%	0.00	232000.00	80.00	58,000.00	11,600.00
24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	4,725.00	4,725.00	25.00%	0.00	9,450.00	50.00	9,450.00	472.50
24.01	ELECTRICAL MODIFICATIONS - INFLUENT PS	18,900.00	4725.00	4,725.00	25.00%	0.00	9450.00	50.00	9,450.00	472.50
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	153,750.00	57,750.00	18.75%	0.00	211,500.00	68.67	96,500.00	10,575.00
26.01	F&I COND. & PLBOX PRIMARY SED. TANK	120,000.00	102000.00	18,000.00	15.00%	0.00	120000.00	100.00	0.00	6,000.00
26.02	F&I CONDUIT PRIMARY SED. GALLERY	135,000.00	33750.00	33,750.00	25.00%	0.00	67500.00	50.00	67,500.00	3,375.00
26.03	FURN. LIGHT FIX. PRIM. SED. TANK/GALLERY	18,000.00	18000.00	0.00	0.00%	0.00	18000.00	100.00	0.00	900.00
26.04	INSTL LIGHT FIX. PRIM. SED. TANK/GALLERY	5,500.00	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	6,000.00	100.00%	0.00	6000.00	100.00	0.00	300.00
26.06	INSTL ELECT. SWGR - SED. TANK/GALLERY	1,500.00	0.00	0.00	0.00%	0.00	0.00	0.00	1,500.00	0.00
26.07	WIRING & TERMINATIONS - SED. TANK	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
26.08	WIRING & TERMINATIONS - SED. GALLERY	12,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	12,000.00	0.00
27	EQ BASIN ELECTRICAL	116,400.00	116,400.00	0.00	0.00%	0.00	116,400.00	100.00	0.00	5,820.00
27.01	FURNISH & INSTALL CONDUIT - EQ. BASIN	40,000.00	40000.00	0.00	0.00%	0.00	40000.00	100.00	0.00	2,000.00
27.02	INST. NEW BREAKERS EX. PANELS - EQ BASIN	3,400.00	3400.00	0.00	0.00%	0.00	3400.00	100.00	0.00	170.00
27.03	F&I NEW TOSHIBA VFD - EQ BASIN	67,000.00	67000.00	0.00	0.00%	0.00	67000.00	100.00	0.00	3,350.00
27.04	WIRING & TERMINATIONS - EQ BASIN	6,000.00	6000.00	0.00	0.00%	0.00	6000.00	100.00	0.00	300.00
28	SBR ELECTRICAL WORK	234,500.00	234,500.00	0.00	0.00%	0.00	234,500.00	100.00	0.00	11,725.00
28.01	F&I CONDUIT & PULL BOXES - SBR	154,000.00	154000.00	0.00	0.00%	0.00	154000.00	100.00	0.00	7,700.00
28.02	FURNISH ELECTRICAL SWGR - SBR	4,500.00	4500.00	0.00	0.00%	0.00	4500.00	100.00	0.00	225.00
28.03	INSTALL ELECTRICAL SWGR - SBR	68,000.00	68000.00	0.00	0.00%	0.00	68000.00	100.00	0.00	3,400.00
28.04	WIRING & TERMINATIONS - SBR	8,000.00	8000.00	0.00	0.00%	0.00	8000.00	100.00	0.00	400.00
29	TERT. FILTER & AIR COMPRESSOR ELECTRICAL	13,600.00	13,600.00	0.00	0.00%	0.00	13,600.00	100.00	0.00	680.00
29.01	CONDUIT & WIRE - TERT FILTER & AIR COMP	13,600.00	13600.00	0.00	0.00%	0.00	13600.00	100.00	0.00	680.00



30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	27,100.00	0.00	0.00%	0.00	27,100.00	50.00	27,100.00	1,355.00
30.01	CONDUIT & WIRE - AEROBIC DIGESTER	54,200.00	27100.00	0.00	0.00%	0.00	27100.00	50.00	27,100.00	1,355.00
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	413,500.00	205,650.00	22.86%	0.00	619,150.00	68.83	280,350.00	30,957.50
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	136,000.00	85.00%	0.00	136000.00	85.00	24,000.00	6,800.00
31.04	FURNISH & INSTALL PRECAST PULL BOXES	114,500.00	57250.00	22,900.00	20.00%	0.00	80150.00	70.00	34,350.00	4,007.50
31.05	ELECTRICAL DUCTBANK TERTIARY FILTER	50,000.00	40000.00	10,000.00	20.00%	0.00	50000.00	100.00	0.00	2,500.00
31.06	ELECTRICAL DUCTBANK AEROBIC DIGESTOR	60,000.00	48000.00	12,000.00	20.00%	0.00	60000.00	100.00	0.00	3,000.00
31.07	ELECTRICAL DUCTBANK CHEMICAL HANDLING	30,000.00	25500.00	0.00	0.00%	0.00	25500.00	85.00	4,500.00	1,275.00
31.08	ELECTRICAL DUCTBANK PRIMARY SED	55,000.00	2750.00	24,750.00	45.00%	0.00	27500.00	50.00	27,500.00	1,375.00
31.09	ELECTRICAL DUCTBANK SBR'S	55,000.00	55000.00	0.00	0.00%	0.00	55000.00	100.00	0.00	2,750.00
31.10	INSTALL WIRE DUCTBANKS TERTIARY FILTER	40,000.00	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	45000.00	0.00	0.00%	0.00	45000.00	100.00	0.00	2,250.00
31.15	TESTING AND STARTUP ASSISTANCE	30,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	30,000.00	0.00
31.16	AS-BUILT, O&M, AND CLOSEOUT	10,000.00	0.00	0.00	0.00%	0.00	0.00	0.00	10,000.00	0.00
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	1,750.00	0.00	0.00%	0.00	1,750.00	4.42	37,850.00	87.50
32.01	STARTUP AND TESTING	35,000.00	1750.00	0.00	0.00%	0.00	1750.00	5.00	33,250.00	87.50
32.02	FINAL CLEANUP AND PUNCH LIST	4,600.00	0.00	0.00	0.00%	0.00	0.00	0.00	4,600.00	0.00
C01	ALUMINIUM COVER DESIGN CHANGES	28,980.07	0.00	0.00	0.00%	0.00	0.00	0.00	28,980.07	0.00
C01.01	ALUMINIUM COVER DESIGN CHANGES	28,980.07	0.00	0.00	0.00%	0.00	0.00	0.00	28,980.07	0.00
C02	CHANGE ORDER #02	17,720.77	0.00	0.00	0.00%	0.00	0.00	0.00	17,720.77	0.00
C02.01	MCC MODIFICATIONS	17,720.77	0.00	0.00	0.00%	0.00	0.00	0.00	17,720.77	0.00
C03	CHANGE ORDER #03	94,137.69	70,603.27	0.00	0.00%	0.00	70,603.27	75.00	23,534.42	3,530.16
C03.01	ELECTRICAL DESIGN REVISIONS	94,137.69	70603.27	0.00	0.00%	0.00	70603.27	75.00	23,534.42	3,530.16
C04	CHANGE ORDER #04	6,564.08	0.00	0.00	0.00%	0.00	0.00	0.00	6,564.08	0.00
C04.01	R&R VALVE STEM EXTENSIONS IN INFLUENT	6,564.08	0.00	0.00	0.00%	0.00	0.00	0.00	6,564.08	0.00
<b>TOTAL:</b>		<b>16,591,902.61</b>	<b>11,067,728.27</b>	<b>1,213,935.00</b>	<b>7.32%</b>	<b>0.00</b>	<b>12281663.27</b>	<b>74.02</b>	<b>4,310,239.34</b>	<b>614,083.16</b>

**PAYMENT APPLICATION DETAILS**

Customer: TEMESCAL VALLEY WATER DISTRICT

Application Number: 15

Project: C1916-WATER RECLAMATION PLANT PHASE IV

For Period Ending: 01/31/2021

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	755,500.00	4,500.00	0.55%	0.00	760,000.00	92.68	60,000.00	38,000.00
02	SHEETING, SHORING, AND BRACING	6,100.00	5,490.00	305.00	5.00%	0.00	5,795.00	95.00	305.00	289.75
03	EROSION CONTROL	55,700.00	48,560.00	1,785.00	3.20%	0.00	50,345.00	90.39	5,355.00	2,517.25
04	SURVEY	24,200.00	21,780.00	1,210.00	5.00%	0.00	22,990.00	95.00	1,210.00	1,149.50
05	MAINTENANCE OF PLANT OPERATIONS	41,900.00	33,520.00	0.00	0.00%	0.00	33,520.00	80.00	8,380.00	1,676.00
06	SCE CONDUIT AND PULL BOX INSTALLATION	231,100.00	212,525.00	0.00	0.00%	0.00	212,525.00	91.96	18,575.00	10,626.25
07	DEMO, REMOVAL, ABANDONMENT IN PLACE, ETC	142,600.00	139,060.00	3,540.00	2.48%	0.00	142,600.00	100.00	0.00	7,130.00
08	YARD PIPING, VALVES, AND APPURTENANCES	1,453,900.00	1,206,000.00	77,300.00	5.32%	0.00	1,283,300.00	88.27	170,600.00	64,165.00
09	GRADING	454,900.00	390,830.00	0.00	0.00%	0.00	390,830.00	85.92	64,070.00	19,541.50
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	48,700.00	0.00	0.00%	0.00	48,700.00	100.00	0.00	2,435.00
12	EQ BYPASS VAULT INCLUDING PIPING	153,700.00	153,700.00	0.00	0.00%	0.00	153,700.00	100.00	0.00	7,685.00
13	INFLUENT PUMP STATION	339,300.00	313,800.00	0.00	0.00%	0.00	313,800.00	92.48	25,500.00	15,690.00
14	HEADWORKS WASHER/COMPACTOR, ETC.	263,800.00	206,400.00	32,650.00	12.38%	0.00	239,050.00	90.62	24,750.00	11,952.50
15	PRIMARY SEDIMENTATION TANK	3,190,200.00	60,000.00	561,940.00	17.61%	0.00	621,940.00	19.50	2,568,260.00	31,097.00
16	SED TANK & DIGESTERS BIOFILTER SYSTEMS	695,800.00	434,560.00	0.00	0.00%	0.00	434,560.00	62.45	261,240.00	21,728.00
17	EQUALIZATION BASIN PUMP STATION	336,200.00	336,200.00	0.00	0.00%	0.00	336,200.00	100.00	0.00	16,810.00
18	SBR TANKS AND EQUIPMENT PADS	1,907,100.00	1,767,900.00	28,780.00	1.51%	0.00	1,796,680.00	94.21	110,420.00	89,834.00
19	INSTALL OF OWNER FURNISHED SBR EQUIPMENT	164,200.00	146,825.00	6,800.00	4.14%	0.00	153,625.00	93.56	10,575.00	7,681.25
20	TERTIARY FILTERS	585,300.00	430,300.00	115,000.00	19.65%	0.00	545,300.00	93.17	40,000.00	27,265.00
21	TERTIARY FILTER AIR COMPRESSORS	33,900.00	33,900.00	0.00	0.00%	0.00	33,900.00	100.00	0.00	1,695.00
22	AEROBIC DIGESTERS	1,983,300.00	1,935,050.00	33,750.00	1.70%	0.00	1,968,800.00	99.27	14,500.00	98,440.00
23	AEROBIC DIGESTER MECHANICAL EQUIPMENT	1,598,900.00	1,351,200.00	78,250.00	4.89%	0.00	1,429,450.00	89.40	169,450.00	71,472.50

24	INFLUENT PUMP STATION ELECTRICAL	18,900.00	4,725.00	4,725.00	25.00%	0.00	9,450.00	50.00	9,450.00	472.50
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	153,750.00	57,750.00	18.75%	0.00	211,500.00	68.67	96,500.00	10,575.00
27	EQ BASIN ELECTRICAL	116,400.00	116,400.00	0.00	0.00%	0.00	116,400.00	100.00	0.00	5,820.00
28	SBR ELECTRICAL WORK	234,500.00	234,500.00	0.00	0.00%	0.00	234,500.00	100.00	0.00	11,725.00
29	TERT. FILTER & AIR COMPRESSOR ELECTRICAL	13,600.00	13,600.00	0.00	0.00%	0.00	13,600.00	100.00	0.00	680.00
30	AEROBIC DIGESTER AND ASSC. EQUIP ELECT	54,200.00	27,100.00	0.00	0.00%	0.00	27,100.00	50.00	27,100.00	1,355.00
31	SITE ELECTRICAL, SCE SERVICE, AND INSTR	899,500.00	413,500.00	205,650.00	22.86%	0.00	619,150.00	68.83	280,350.00	30,957.50
32	OVERALL PROJECT TESTING, CLEANUP, ETC	39,600.00	1,750.00	0.00	0.00%	0.00	1,750.00	4.42	37,850.00	87.50
C01	ALUMINIUM COVER DESIGN CHANGES	28,980.07	0.00	0.00	0.00%	0.00	0.00	0.00	28,980.07	0.00
C02	CHANGE ORDER #02	17,720.77	0.00	0.00	0.00%	0.00	0.00	0.00	17,720.77	0.00
C03	CHANGE ORDER #03	94,137.69	70,603.27	0.00	0.00%	0.00	70,603.27	75.00	23,534.42	3,530.16
C04	CHANGE ORDER #04	6,564.08	0.00	0.00	0.00%	0.00	0.00	0.00	6,564.08	0.00
<b>TOTAL:</b>		<b>16,591,902.61</b>	<b>11,067,728.27</b>	<b>1,213,935.00</b>	<b>7.32%</b>	<b>0.00</b>	<b>12281663.27</b>	<b>74.02</b>	<b>4,310,239.34</b>	<b>614,083.16</b>

# MEMORANDUM

DATE: February 23, 2021  
TO: Board of Directors  
Temescal Valley Water District  
FROM: General Manager  
SUBJECT: Purchase of New High Lift Loader

## BACKGROUND

The approved FY20/21 budget includes money allocated to purchase a new loader for the operations group. This equipment will be used primarily to spread and remove biosolids and other material at the WRF.

Staff researched and then solicited prices utilizing our SOURCEWELL membership which has pre-approved specifications and RFP's for the equipment we were looking for. Staff solicited proposals from two different manufactures of similar loaders and recommends buying the VOLVO L60H Wheel Loader High Lift.

- Volvo L70H Wheel Loader - \$146,072 (includes extended warranty)
- Caterpillar Model 926M Wheel Loader - \$208,005 (includes extended warranty)

## FINANCIAL IMPACT

Proposed Budget = \$180,000

Proposed purchase of new Volvo L70H Wheel Loader.

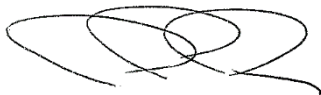
**Equipment \$135,566 Tax \$10,506**

**Total \$146,072**

## RECOMMENDATION

Approve purchase of New Loader.

Respectfully submitted,



Jeff Pape  
General Manager



## Quote Valid for 90 days

**Contract:**  
**032119-**  
**VCE**

**Date:** 2/16/2021

<b>Buying Agency:</b>	Temescal Valley Watr District	<b>Contractor:</b>	Volvo Construction Equipment and Services
<b>Contact Person:</b>	Jeff Pape	<b>Prepared By:</b>	Scott Nadell
<b>Phone:</b>		<b>Phone:</b>	619-778-6039
<b>Email:</b>	JeffP@temescalvwd.com	<b>Email 1:</b>	<a href="mailto:scott.nadell@vcesvolvo.com">scott.nadell@vcesvolvo.com</a>

<b>Sourcewell Product Code</b>	D
<b>General Description of Product:</b>	Volvo L60H Wheel Loader High Lift

**A. Catalog / Price Sheet Items being purchased - Itemize Below - Attach Additional Sheet If Necessary**

Quan	Description	Unit Pr	Total
1	Volvo L60H Wheel Loader High Lift	\$141,026	\$141,026
	See next page for machine specs		
1	Pallet Forks	Included	Included
<b>Subtotal A:</b>			\$141,026

**B. Sourced and/or UnSourced Contracted Items**

Quan	Description	Unit Pr	Total
<b>Subtotal B:</b>			\$0

**C. Trade-Ins / Special Discounts / Other Allowances / Freight / Installation / Miscellaneous Charges**

Freight	\$0
PDI	\$1,000
60 Month or 3000 Hour Powertrain + Hydraulics Warranty	\$5,340
Customer Support Agreement 3 Year or 1500 Hours Parts Only Includes SOS	Included
Active Care 3 Year 24/7 Machine Monitoring	Included
<b>First Time Buyer Discount</b>	-\$11,800
<b>Price does not include Sale Tax of 7.75%</b>	10,506
<b>Subtotal C:</b>	-\$5,460

<b>Delivery Date:</b>		<b>D. Total Purchase Price (A+B+C):</b>	\$135,566
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\$146,072







146086-01

February 11, 2021

TEMESCAL VALLEY WATER DISTRICT

22646 TEMESCAL CANYON RD  
CORONA, California 92883

Attention: JEFF PAPE

Dear Sir,

We would like to thank you for your interest in our company and our products, and are pleased to quote the following for your consideration.

One (1) New Caterpillar Inc. Model: 926M Wheel Loader including standard and optional equipment as listed below.

STOCK NUMBER: TBD

SERIAL NUMBER: TBD

YEAR: 2021

SMU:

**SOURCEWELL Contract # 032119-Cat**

We wish to thank you for the opportunity of quoting on your equipment needs. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Justin Usary  
Machine Sales Representative

One (1) New Caterpillar Inc. Model: 926M Wheel Loader including standard and optional equipment as listed below.

## Standard Equipment

### POWERTRAIN

<p>Axle seal guards Auto Idle shut down feature Cat C7.1ACERT engine -Power Modes (Standard and Performance) -Power by Range (High Power in Range 4) -Tier 4 Final/Stage IV compliant -Turbocharged and aftercooled -Filtered crankcase breather -Diesel particulate filter -Selective Catalyst Reduction Coolant protection to -34C (-29F) Differential lock in front axle Dry type air cleaner Enclosed wet disc full hydraulic brakes Fuel priming pump, automatic Fuel water separator</p>	<p>Hydraulically driven demand cooling fan Hydrostatic transmission with electronic control -Operator Modes (Default, TC, Hystat and Ice) -Directional Shift Aggressiveness (Fast, Medium, Slow) -Rimpull control, adjust wheel torque -Creeper control, adjust ground speed Lubed for life driveshafts Parking brake, electric Single plane cooling package wide 6 fins per inch density S-O-S port,engine,coolant,transmission oil</p>
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### HYDRAULICS

<p>Automatic lift and bucket kickouts, adjustable in-cab Bucket and Fork Modes, adjustable in-cab Cylinder damping at kickout and mechanical end stops Fine Mode control (Fast, Medium, Slow) in Fork Mode</p>	<p>Hydraulic Response setting (Fast, Medium, Slow) Hydraulic diagnostic connectors and S-O-S ports Hydraulic sight gauge, visible Load sensing hydraulics and steering Seat mounted hydraulic joystick controls</p>
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### ELECTRICAL

<p>Alternator, 115-amp, heavy duty 12V power supply in cab (2) Batteries, 1,000 CCA (2) 24 volt system, disconnect switch Back up alarm Emergency shutdown switch Halogen work lights front and rear, LED</p>	<p>rear stop and turn lights Heavy duty gear reduction starter Product Link PRO w/3 year subscription Remote jump start post Resettable main and critical function breakers Roading lights front and rear</p>
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### OPERATOR ENVIRONMENT

<p>75 mm (3 in) retractable seatbelt Automatic temperature control Cab, enclosed ROPS/FOPS pressurized and sound suppressed Cup holders</p>	<p>Interior cab lighting, door and dome Interior rearview mirrors (2) Lunch box storage Operator warning system indicators Radio ready speakers</p>
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External heated mirrors with lower parabolic

Ground level cab door release

Gauges

-Digital hour meter, odometer and tachometer

-Digital ground speedometer and direction indicator

-Engine coolant temperature gauge

-Fuel and Diesel Exhaust Fluid level indicator

-Hydraulic oil temperature gauge

Hydraulic control lockout

Rear window defrost, electric

Seat mounted electronic implement controls, adjustable

Sliding glass on the side windows

Column mounted multi function control

-lights, wipers, turn signal

Suspension seat, fabric

Tilt and telescope steering wheel

Tinted front glass

Wet arm wiper/washer, 2-speed and intermittent, front

Wet arm wiper washer, rear

#### **OTHER STANDARD EQUIPMENT**

Large-access enclosure doors with adjustable close/open force

Parallel lift loader linkage

Recovery hitch with pin

Remote mounted lubrication points

Vandalism protection-lockable compartments

**MACHINE SPECIFICATIONS**

926M SWL DCA3B

593-8973

## INCLUDES:

541-2670 926M WHEEL LOADER	541-2670
430-2945 PREP PACK, NORTH AMERICA	
541-3083 HYDRAULICS, 3V, CPLR READY, HL	541-3083
527-8860 LINES, AUX 3RD, HIGH LIFT	527-8860
536-5282 HYDRAULICS, STANDARD, HL	536-5282
536-5339 JUMPER LINES, NONE	536-5339
430-2996 STEERING, STANDARD	430-2996
333-6527 DIFFERENTIAL,LIMITED SLIP REAR	333-6527
536-5350 ENVIRONMENT, HIGH DEBRIS	536-5350
525-5964 WEATHER, COLD START 120V	525-5964
549-0451 CAB, DELUXE	549-0451
563-5967 SEAT, DELUXE	563-5967
372-1868 RADIO, BLUETOOTH, AUX, MIC	372-1868
366-8148 FENDERS, STANDARD	366-8148
348-2579 COUNTERWEIGHT, STANDARD	348-2579
430-2859 RIDE CONTROL	430-2859
536-5313 QUICK COUPLER, FUSION	536-5313
559-0841 LIGHTS, AUX HALOGEN	559-0841
541-3066 LIGHTS, ROADING, HALOGEN, RH	541-3066
519-8081 TOOLBOX AUX, NONE	519-8081
NOTE: Please refer to the Lane 1 section to complete your order.	
LANE 1 ORDER	0P-9001
ENGINE	527-0422
PRODUCT LINK, CELLULAR PL641	565-0908
TIRES, 20.5R25 MX XTLA * L2	366-6896
KIT,SERIALIZED TECHNICAL MEDIA	0P-2491
INSTRUCTIONS, ANSI, US	430-2963
PACK, DOMESTIC TRUCK	0P-0210
CARRIAGE, CON, FORK, 60", FUS	538-3866
BUCKET-GP, 3.5 YD3, FUS	345-2426
CUTTING EDGE, BOLT ON(4 PIECE)	8E-4566

**WARRANTY & COVERAGE**

Standard Warranty: 12 Months Full Machine  
Extended Coverage: 60 month / 3000 Hour Powertrain + Hydraulic + Tech Warranty  
CSA 36 Months / 1,500 Hours W/TTM

Total before Discount **\$217,853.30**  
Sourcewell Price Discount **-\$24,809.12**

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<b>SELL PRICE</b>	<b>\$193,044.18</b>
CSA	Included
<b>NET BALANCE DUE</b>	<b>\$193,044.18</b>
SALES TAX (7.75%)	\$14,960.92
<b>AFTER TAX BALANCE</b>	<b>\$208,005.11</b>

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**F.O.B/TERMS:**  
Riverside Machine

Accepted by \_\_\_\_\_ on \_\_\_\_\_

\_\_\_\_\_  
Signature

February 18, 2021

Board of Directors  
Temescal Valley Water District

Re: Water and Sewer Operations – January 2021

Dear Board Members:

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

- Managed 266.9 acre-feet of water through system.
- We are now collecting five samples per week as required by the State Water Resources Control Board, Division of Drinking Water.
- Collected weekly and quarterly DBP potable water samples as required by the State Water Resources Control Board, Division of Drinking Water. In addition to weekly & monthly wastewater samples, quarterly and semi-annual samples were collected 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 6116 water meters.
- 0 shut offs.
- Responded 61 service calls.
- Installed 18 meters for the various developers.
- Responded to 106 USA Dig Alerts to mark District underground utilities.

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

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

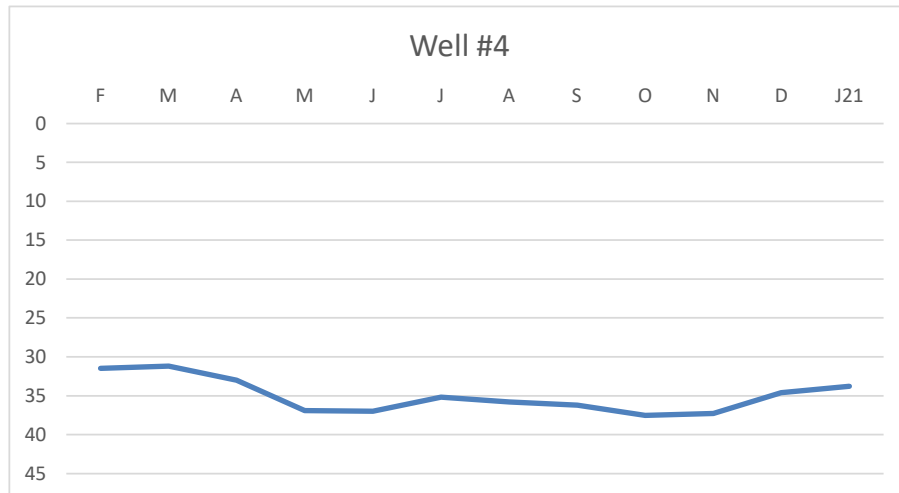
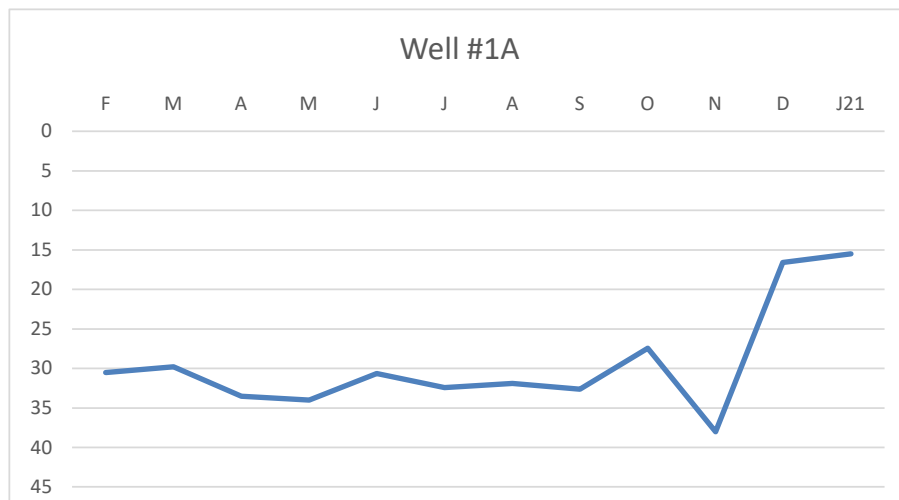
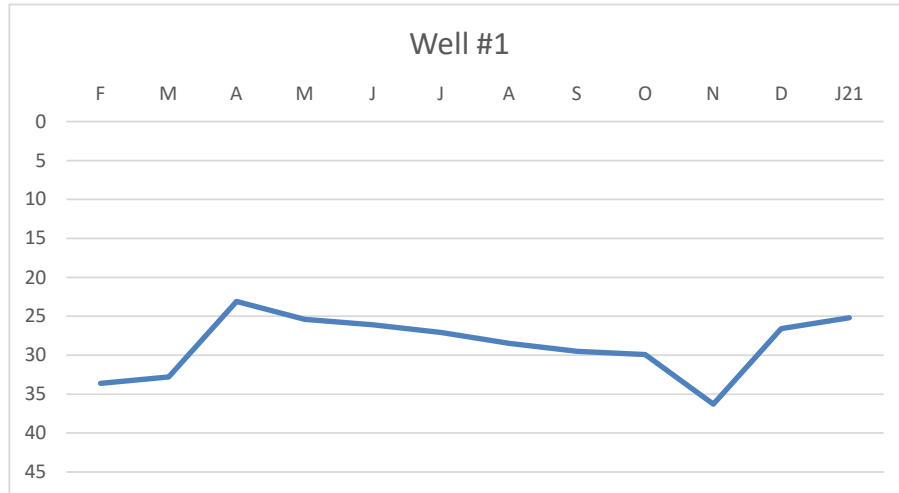
- 13 loads of biosolids were hauled off this period.
- A new influent flow meter was installed at the Headworks for the Wastewater treatment facility to replace an old unit.
- Contractor brought out for cleaning of Wildrose area collection system.

Sincerely,

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Paul Bishop, Superintendent

12 month data of wells 1A, 4, and static. All measurements are from ground level to water surface. Top of each chart (0) is ground level. Ground water levels for April 2020 thru November 2020 are during pump run times.



**TEMESCAL VALLEY WATER DISTRICT  
ENGINEERING DEPARTMENT**

**DISTRICT ENGINEER'S MONTHLY REPORT**

**Date:** February 18, 2021  
**To:** Jeff Pape, General Manager  
**From:** Justin Scheidel, District Engineer  
**Subject:** Engineering Activities Update for the Month of February 2021

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

**PLAN CHECKING & DEVELOPER RELATED PROJECTS**

**Tract 37554 and 37556 Terramor Planning Area 12 and 13 (10555, Phase 14)** – Completed initial plan check for the upper planning area and returned comments. Reviewed backbone waterline design for the upper zone with the design engineer. Completed plan check of the upper potable water booster pump station located adjacent to the Terramor 1509 Potable Water Reservoir. Waiting for the second design submittal for both of these projects which should be submitted in the next month.

**AS-NEEDED ENGINEERING SERVICES**

**Status**

***General Engineering Initiated During FY 2019/20***

Project 1401.1904: General GIS Support: As-required updating of the GIS database and re-formatting as-built catalog. Updated web-based GIS to include water zone filtering and additional water system appurtenances information.

**Currently 95% Complete**

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

Project 1401.2002: Non-Potable Water Related Services for FY 2020/21: No activity this month.

Project 1401.2003: Wastewater Related Services for FY 2020/21: No activity this month.

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

Project 1401.2005: Potable Water Studies for FY 2020/21: No activity this month.

**CAPITAL IMPROVEMENT PROJECTS**

**Status**

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

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

**90% Design Completed**

Project 1401.1906: Knabe Road Potable Waterline: Construction was completed in December 2020.

**Completed**

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

**Completed**

Project 1401.2006: Potable Water Looping Phase 2 Design: The preliminary pipe alignment and profile has been completed. A contractor has been retained to conduct potholing of the unclaimed storm drains along the project. Results of potholing are expected prior to the next board meeting. The final design is expected to be completed in the first quarter of this year. Work completed this month includes coordination with the potholing contractor to obtain an encroachment permit with the County.

**50% Complete**

Project 1401.2007: Reservoir Management Systems Design: The Wildrose Reservoir Cathodic Protection System Project has been awarded, the material submittals have been approved, and the contract has been signed. Installation is expected to take three days and will be completed once the materials have been manufactured (approx. 4-weeks)

**Completed**

Currently working with a supplier to provide new mixing systems and chlorination boosting stations for the Sycamore creek, Terramor, and Trilogy Potable Water Reservoirs. The Sycamore creek station is a replacement unit for the station destroyed in the wildfire, the Terramor Station is being designed and installed by the Terramor developers, and the District will coordinate installation of the mixing system at the Trilogy Reservoir Site. All stations are expected to be procured in the next six months and installed over the next year.

**50% Complete**