



Las Virgenes – Triunfo Joint Powers Authority

FY 2020-21
and
FY 2021-22
Draft Budget

May 4, 2020

**Las Virgenes - Triunfo
Joint Powers Authority
Operations Summary**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATING REVENUES							
4235 RW Sales - LVMWD	\$1,369,024	\$1,603,106	\$1,503,857	\$1,838,299	\$1,882,618	\$1,838,192	\$1,954,050
4240 RW Sales - TWSD	688,676	678,150	564,870	849,097	579,991	540,397	573,984
4245 MWD Incentive - Local Projects	0	0	0	0	0	0	0
4505 Other Income from Operations	96,197	55,595	45,736	65,000	65,000	65,000	65,000
4510 Compost Sales	14,161	8,882	811	15,000	0	15,000	15,000
TOTAL OPERATING REVENUES	\$2,168,058	\$2,345,733	\$2,115,274	\$2,767,396	\$2,527,609	\$2,458,589	\$2,608,034
SOURCE OF SUPPLY							
5115 Purchased Water - Potable Suppl	34,124	0	0	0	30,020	0	0
OPERATIONS DIVISION EXPENSE							
5400 Labor	1,986,771	1,972,298	2,201,788	2,263,114	2,245,774	2,346,619	2,397,826
5405.1 Electricity	2,101,399	2,270,433	1,895,554	2,509,986	1,836,813	1,737,800	1,915,300
5405.2 Telephone	52,977	20,075	31,719	43,228	35,500	33,000	32,000
5405.3 Natural Gas	21,443	16,244	15,712	21,413	16,000	21,400	21,400
5405.4 Water	7,956	11,493	11,949	9,066	11,428	12,500	12,300
5410 Supplies/Material	72,756	80,218	81,596	79,648	73,430	80,950	80,950
5410.1 Fuel	26,208	20,065	17,805	29,298	12,000	30,050	30,100
5410.5 Ferric Chloride	42,204	37,853	35,505	54,456	49,000	60,000	60,000
5410.6 Defoamer/Deodorant	6,082	7,079	3,981	4,120	3,000	4,120	4,120
5410.7 Polymer	120,588	117,798	149,870	108,876	81,000	147,000	147,000
5410.8 Amendment	142,893	101,919	48,336	123,600	21,000	135,000	135,000
5410.9 Alum	6,864	6,917	11,127	9,489	14,000	12,000	12,000
5410.10 Sodium Hypochlorite	212,248	184,319	297,177	208,274	225,000	230,000	230,000
5410.11 Sodium Bisulfite	77,498	98,766	91,143	115,936	91,000	115,936	115,936
5410.13 Aqua Ammonia	31,675	27,657	30,616	31,669	19,000	31,699	31,699
5415 Outside Services	57,168	58,373	335,694	58,400	288,525	555,650	246,650
5417 Odor Control	143,703	141,619	75,610	200,850	57,000	185,000	185,000
5420 Permits and Fee	193,347	174,028	182,576	191,295	205,031	220,100	220,200
5425 Consulting Services	0	96,515	46,286	4,302	37,000	180,000	90,000
5430 Capital Outlay	23,994	0	98,630	65,000	88,000	155,000	155,000
Sub-total	\$5,327,774	\$5,443,669	\$5,662,674	\$6,132,020	\$5,409,501	\$6,293,824	\$6,122,481
MAINTENANCE DIVISION EXPENSE							
5500 Labor	1,211,888	1,228,843	1,231,514	1,400,989	1,215,833	1,252,844	1,274,732
5510 Supplies/Material	396,570	380,410	431,805	483,500	278,250	294,000	304,000
5515 Outside Services	437,628	350,741	362,045	341,450	351,700	374,450	437,450
5518 Building Maintenance	88,631	105,941	130,815	116,000	247,677	282,177	283,645
5520 Permits and Fee	580	1,211	0	500	0	500	500
5525 Consulting Services	2,252	0	0	0	0	0	0
5530 Capital Outlay	45,774	161,552	26,094	95,000	88,000	65,000	70,000
Sub-total	\$2,183,323	\$2,228,698	\$2,182,273	\$2,437,439	\$2,181,460	\$2,268,971	\$2,370,327
INVENTORY EXPENSES							
5536 Inventory Adjustment	(2,393)	6,134	153,421	4,840	2,200	5,000	5,000
Sub-total	(\$2,393)	\$6,134	\$153,421	\$4,840	\$2,200	\$5,000	\$5,000
PUBLIC INFORMATION							
6602 School Education Program	22,535	14,394	2,586	20,971	814	1,105	1,152
6604 Public Education Program	70,275	45,330	29,554	67,722	23,627	20,069	20,842
6606 Community Group Outreach	1,182	2,911	0	6,028	0	8,000	8,000
6608 Intergovernmental Coordination	4,146	1,098	411	5,298	0	5,000	5,000
Sub-total	\$98,138	\$63,733	\$32,551	\$100,019	\$24,441	\$34,174	\$34,994
RESOURCE CONSERVATION							
6788 District Sprayfield	251,449	283,186	314,316	321,779	250,000	270,000	275,000
6789 005 Discharge	277	387	10,917	400	400	400	400
6785 Watershed Programs	60,773	17,097	1,800	46,594	14,000	20,000	20,000
Sub-total	\$312,499	\$300,670	\$327,033	\$368,773	\$264,400	\$290,400	\$295,400

**Las Virgenes - Triunfo
Joint Powers Authority
Operations Summary**

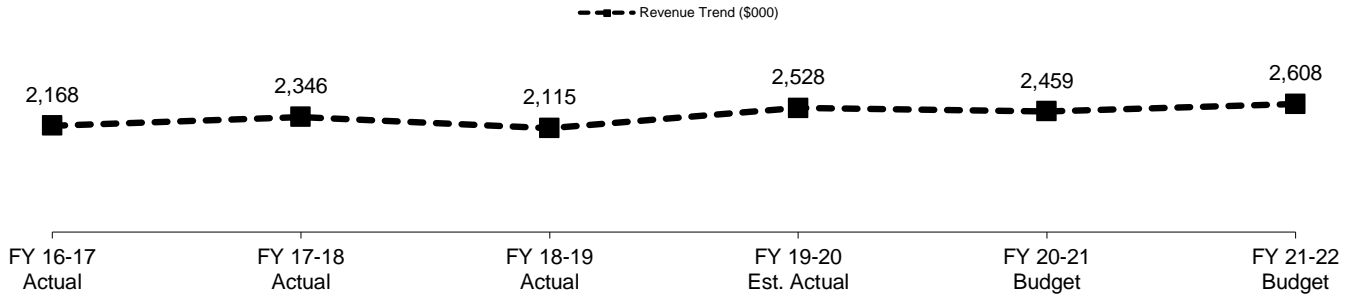
	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
SPECIALTY EXPENSES							
5700 SCADA Services	49,624	38,646	56,005	114,310	51,916	62,104	62,786
5710.2 Technical Services	0	0	1,313	646	12,287	13,763	16,164
5712 Compost Sales/Use Tax	2,922	3,246	2,989	4,000	4,000	4,000	4,000
5715.2 Other Lab Services	141,224	154,291	158,532	156,855	145,000	184,000	184,000
5715.3 Tapia Lab Sampling	125,705	130,352	131,436	151,302	123,246	187,269	193,001
7202 Allocated Lab Expense	378,015	399,644	441,847	449,138	521,277	529,280	531,736
Sub-total	\$697,490	\$726,179	\$792,122	\$876,251	\$857,726	\$980,416	\$991,687
ADMINISTRATIVE EXPENSES							
6872 Litigation/Outside Services*	83,990	49,115	206,946	25,000	135,000	0	0
6874 Litigation/District Costs*	0	0	0	0	0	0	0
6516 Other Professional Services	95,007	167,843	266,417	137,000	156,600	156,600	156,600
6517 Audit Fees	3,395	3,395	3,377	3,700	6,000	6,000	6,000
7110 Travel/Misc Staff Expense	248	0	0	0	0	0	0
7135.1 Property Insurance**	56,955	69,614	79,858	59,779	80,859	0	0
7135.4 Earthquake Insurance**	91,466	110,557	117,389	95,559	92,073	0	0
7145 Claims Paid	122,451	21,000	0	0	0	0	0
7153 TWSD Staff Services	0	0	0	5,000	5,500	6,000	6,000
7155 Other Expense	54,029	9,000	0	0	0	0	0
6260 Rental Charge - Facility Repl	371,357	351,674	377,618	363,316	355,453	363,316	363,316
6350 Allocated Insurance**	0	0	0	0	0	175,131	183,888
6351 Allocated Legal Services*	0	0	0	0	0	135,000	135,000
7203 Allocated Building Maint	83,651	89,824	153,010	88,804	92,424	115,392	96,642
7225 Allocated Support Services	3,528,201	4,099,146	3,906,942	4,713,915	4,691,661	4,668,773	4,716,692
7226 Allocated Operations Services	1,613,325	1,938,958	1,728,380	2,169,190	2,286,559	2,075,114	2,097,007
Sub-total	\$6,104,075	\$6,910,126	\$6,839,937	\$7,661,264	\$7,902,128	\$7,701,327	\$7,761,145
TOTAL EXPENSES	\$14,755,030	\$15,679,209	\$15,990,011	\$17,580,606	\$16,671,876	\$17,574,112	\$17,581,034
NET OPERATING EXPENSE	\$12,586,972	\$13,333,476	\$13,874,737	\$14,813,210	\$14,144,267	\$15,115,522	\$14,973,000

* Litigation was moved to Allocated Legal Services

** Property and Liability Insurance was moved to Allocated Insurance

**Las Virgenes - Triunfo
Joint Powers Authority
Operating Revenues**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATING REVENUES							
4235 RW Sales - LVMWD	\$1,369,024	\$1,603,106	\$1,503,857	\$1,838,299	\$1,882,618	\$1,838,192	\$1,954,050
4240 RW Sales - TWSD	688,676	678,150	564,870	849,097	579,991	540,397	573,984
4505 Other Income from Operations	96,197	55,595	45,736	65,000	65,000	65,000	65,000
4510 Compost Sales	14,161	8,882	811	15,000	0	15,000	15,000
TOTAL OPERATING REVENUES	\$2,168,058	\$2,345,733	\$2,115,274	\$2,767,396	\$2,527,609	\$2,458,589	\$2,608,034



RW WHOLESALE RATE COMPUTATIONS

FY 2020-21 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,117,771	564,271	553,500	
Reservoirs	75,169	75,169		
System Operations	18,020	18,020		
Distribution	109,056	109,056		
RW Operations	<u>1,320,016</u>			
RW Ops/JPA Ops	7.9%			
Total JPA Admin	1,046,346			
RW Administration	82,766	82,766		
subtotal:Operations & Admin	<u>1,402,782</u>	<u>849,282</u>		
Depreciation FY18-19	975,816	975,816	-	
Total Cost	<u>\$ 2,378,598</u>	<u>\$ 1,825,098</u>	<u>\$ 553,500</u>	

Costs per Acre Foot	<u>\$ 326.32</u>	<u>\$ 103.59</u>	<u>\$ 429.91</u>
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FY 2020-21 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	250	\$ 326.32 /AF	\$ 81,580.00
LVMWD East	1,856	\$ 429.91 /AF	\$ 797,912.96
LVMWD West	2,230	\$ 429.91 /AF	\$ 958,699.30
Total LVMWD	<u>4,336</u>		<u>\$ 1,838,192.26</u>
TWSD	1,257	\$ 429.91 /AF	\$ 540,396.87
	<u>5,593</u>		<u>\$ 2,378,589.13</u>

RW WHOLESALE RATE COMPUTATIONS

FY 2021-22 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,249,507	696,007	553,500	
Reservoirs	73,395	73,395		
System Operations	19,836	19,836		
Distribution	118,842	118,842		
RW Operations	<u>1,461,580</u>			
RW Ops/JPA Ops	8.7%			
Total JPA Admin	1,037,019			
RW Administration	90,635	90,635		
subtotal:Operations & Admin	<u>1,552,215</u>	<u>998,715</u>		
Depreciation FY18-19	975,816	975,816	-	
Total Cost	\$ 2,528,031	\$ 1,974,531	\$ 553,500	

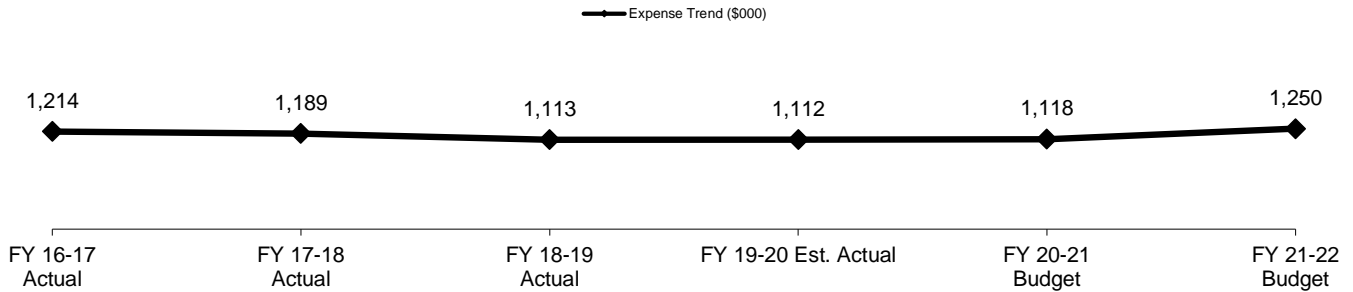
Costs per Acre Foot	\$ 353.04	\$ 103.59	\$ 456.63
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FY 2020-21 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	250	\$ 353.04 /AF	\$ 88,260.00
LVMWD East	1,856	\$ 456.63 /AF	\$ 847,505.28
LVMWD West	2,230	\$ 456.63 /AF	\$ 1,018,284.90
Total LVMWD	<u>4,336</u>		<u>\$ 1,954,050.18</u>
TWSD	1,257	\$ 456.63 /AF	\$ 573,983.91
	<u>5,593</u>		<u>\$ 2,528,034.09</u>

**Las Virgenes - Triunfo
Joint Powers Authority
RW Pump Stations - 751100**

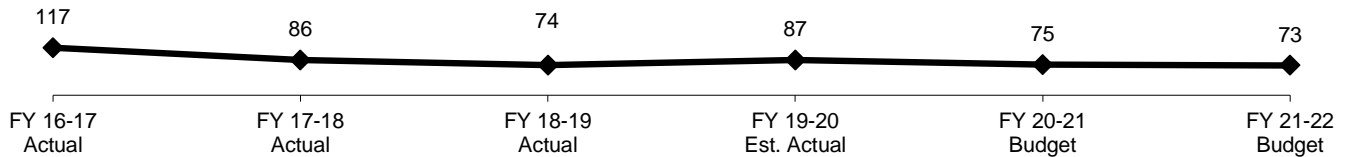
	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$32,759	\$33,838	\$26,909	\$38,222	\$24,037	\$30,763	\$28,287
5405.1 Electricity	975,191	1,039,925	848,108	1,167,000	874,000	800,000	900,000
5405.2 Telephone	0	53	0	0	0	0	0
5405.4 Water	161	417	265	0	150	200	0
5410 Supplies/Material	20,775	23,848	7,031	14,000	13,500	14,000	14,000
5415 Outside Services	4,923	985	600	0	3,025	8,000	8,000
5430 Capital Outlay	0	0	0	15,000	0	15,000	15,000
Sub-total	\$1,033,809	\$1,099,066	\$882,913	\$1,234,222	\$914,712	\$867,963	\$965,287
MAINTENANCE DIVISION EXPENSE							
5500 Labor	32,937	5,849	66,279	28,434	59,476	52,924	55,271
5510 Supplies/Material	45,414	11,600	15,822	7,000	4,500	7,000	7,000
5515 Outside Services	10,973	508	20,718	1,250	750	1,250	34,250
Sub-total	\$89,324	\$17,957	\$102,819	\$36,684	\$64,726	\$61,174	\$96,521
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	62,378	48,561	87,263	74,106	90,894	119,660	119,067
7226 Allocated Operations Services	28,523	23,118	39,584	34,102	41,826	68,974	68,632
Sub-total	\$90,901	\$71,679	\$126,847	\$108,208	\$132,720	\$188,634	\$187,699
TOTAL EXPENSES	\$1,214,034	\$1,188,702	\$1,112,579	\$1,379,114	\$1,112,158	\$1,117,771	\$1,249,507



**Las Virgenes - Triunfo
Joint Powers Authority
RW Tanks, Reservoirs and Wells - 751200**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
SOURCE OF SUPPLY							
5115 Purchased Water - Potable Suppl	\$34,124	\$0	\$0	\$0	30,020	\$0	\$0
OPERATIONS DIVISION EXPENSE							
5400 Labor	10,863	11,915	8,202	17,715	5,975	7,982	7,183
5405.1 Electricity	16,025	15,038	15,426	18,000	14,700	16,000	16,000
5405.2 Telephone	1,343	855	0	1,000	1,000	1,000	0
5405.4 Water	133	174	265	0	278	300	300
5410 Supplies/Material	1,352	2,412	523	2,500	1,600	2,500	2,500
5415 Outside Services	23,500	19,656	28,681	25,000	19,500	25,000	25,000
5420 Permits and Fee	0	900	0	0	100	0	100
Sub-total	\$53,216	\$50,950	\$53,097	\$64,215	\$43,153	\$52,782	\$51,083
MAINTENANCE DIVISION EXPENSE							
5500 Labor	5,081	12,357	1,057	14,598	2,000	6,000	6,000
5510 Supplies/Material	18	0	59	0	0	0	0
5515 Outside Services	1,155	1,073	4,617	1,200	950	1,200	1,200
Sub-total	\$6,254	\$13,430	\$5,733	\$15,798	\$2,950	\$7,200	\$7,200
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	16,195	14,985	11,302	36,419	7,318	9,634	9,586
7226 Allocated Operations Services	7,405	7,132	3,771	16,759	3,368	5,553	5,526
Sub-total	\$23,600	\$22,117	\$15,073	\$53,178	\$10,686	\$15,187	\$15,112
TOTAL EXPENSES	\$117,194	\$86,497	\$73,903	\$133,191	\$86,809	\$75,169	\$73,395

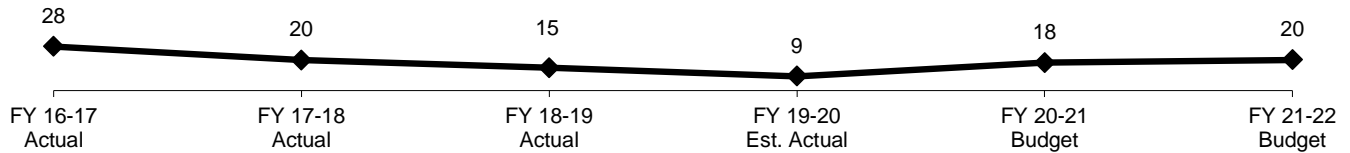
Expense Trend (\$000)



**Las Virgenes - Triunfo
Joint Powers Authority
RW System Operations - 751300**

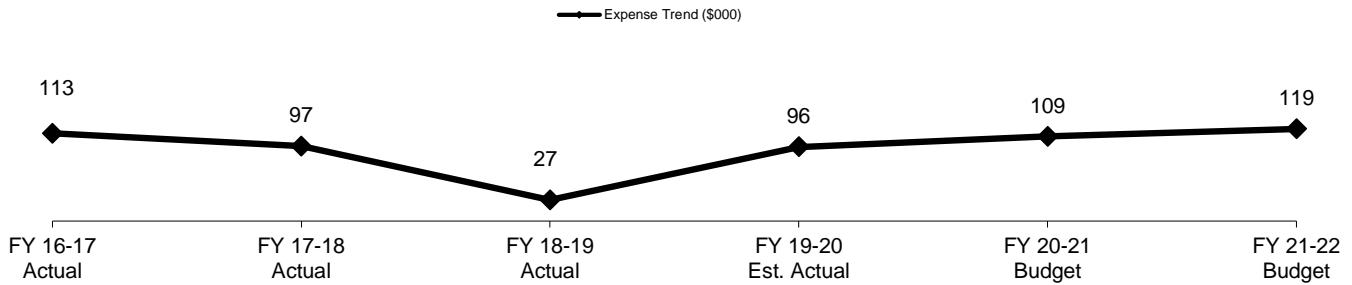
	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$11,093	\$6,479	\$6,550	\$15,044	\$6,200	\$6,000	\$7,000
5420 Permits and Fee	88	88	88	100	88	100	100
Sub-total	\$11,181	\$6,567	\$6,638	\$15,144	\$6,288	\$6,100	\$7,100
MAINTENANCE DIVISION EXPENSE							
5500 Labor	291	212	0	261	851	784	803
5510 Supplies/Material	0	10	0	1,000	500	8,000	8,000
Sub-total	\$291	\$222	\$0	\$1,261	\$1,351	\$8,784	\$8,803
SPECIALTY EXPENSES							
5700 SCADA Services	0	192	0	3,238	0	1,000	1,000
5710.2 Technical Services	0	0	0	0	0	0	803
Sub-total	\$0	\$192	\$0	\$3,238	\$0	\$1,000	\$1,803
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	11,601	8,547	5,563	19,141	1,031	1,355	1,351
7226 Allocated Operations Services	5,304	4,071	2,523	8,808	475	781	779
Sub-total	\$16,905	\$12,618	\$8,086	\$27,949	\$1,506	\$2,136	\$2,130
TOTAL EXPENSES	\$28,377	\$19,599	\$14,724	\$47,592	\$9,145	\$18,020	\$19,836

Expense Trend (\$000)



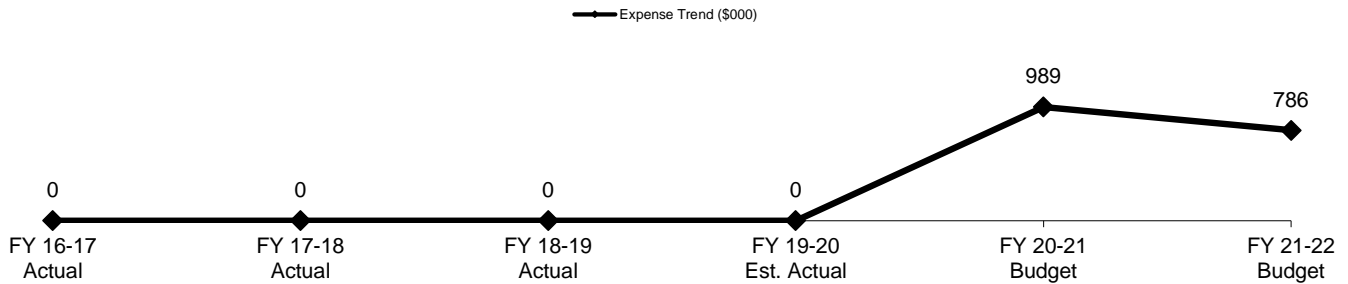
**Las Virgenes - Triunfo
Joint Powers Authority
RW Distribution System - 751700**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$484	\$1,803	\$1,433	\$1,324	\$1,936	\$2,586	\$2,327
5410 Supplies/Material	60	945	0	500	100	500	500
5415 Outside Services	0	0	0	0	0	0	10,000
Sub-total	\$544	\$2,748	\$1,433	\$1,824	\$2,036	\$3,086	\$12,827
MAINTENANCE DIVISION EXPENSE							
5500 Labor	29,625	17,700	6,793	26,724	7,637	8,087	8,250
5510 Supplies/Material	5,689	3,262	2,070	4,000	1,900	8,000	8,000
5515 Outside Services	31,469	40,614	4,688	20,000	67,000	65,000	65,000
5520 Permits and Fee	580	1,211	0	500	0	500	500
Sub-total	\$67,363	\$62,787	\$13,551	\$51,224	\$76,537	\$81,587	\$81,750
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	30,934	21,063	8,431	32,984	11,750	15,467	15,392
7226 Allocated Operations Services	14,143	10,027	3,825	15,176	5,407	8,916	8,872
Sub-total	\$45,077	\$31,090	\$12,256	\$48,160	\$17,157	\$24,383	\$24,265
TOTAL EXPENSES	\$112,984	\$96,625	\$27,240	\$101,208	\$95,730	\$109,056	\$118,842



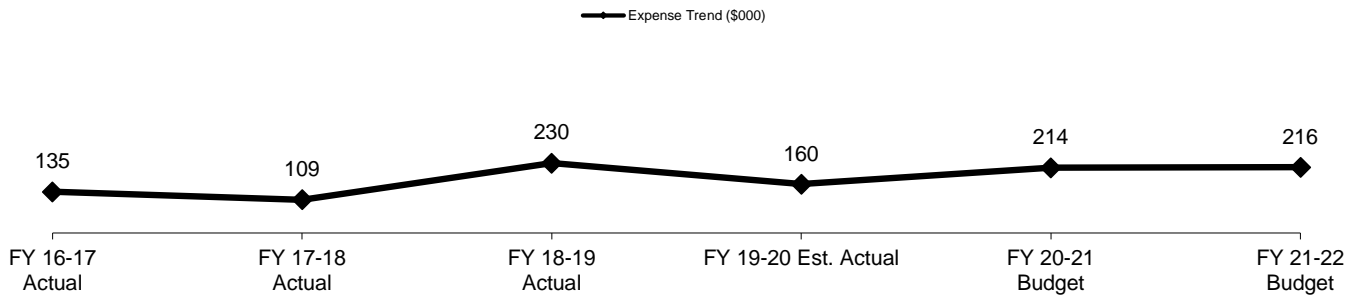
**Las Virgenes - Triunfo
Joint Powers Authority
Pure Water Demonstration Project- 751750**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$0	\$0	\$0	\$0	\$0	\$79,400	\$124,000
5405.1 Electricity	0	0	0	0	0	39,000	39,000
5410.1 Fuel	0	0	0	0	0	5,100	5,100
5415 Outside Services	0	0	0	0	0	370,000	50,000
5425 Consulting Services	0	0	0	0	0	50,000	50,000
Sub-total	\$0	\$0	\$0	\$0	\$0	\$543,500	\$268,100
MAINTENANCE DIVISION EXPENSE							
5500 Labor	0	0	0	0	0	75,000	75,000
5510 Supplies/Material	0	0	0	0	0	10,000	10,000
5515 Outside Services	0	0	0	0	0	20,000	20,000
5518 Building Maintenance	0	0	0	0	0	20,000	20,000
Sub-total	\$0	\$0	\$0	\$0	\$0	\$125,000	\$125,000
SPECIALTY EXPENSES							
5715.2 Other Lab Services	0	0	0	0	0	30,000	30,000
5715.3 Tapia Lab Sampling	0	0	0	0	0	10,000	10,000
Sub-total	\$0	\$0	\$0	\$0	\$0	\$40,000	\$40,000
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	0	0	0	0	0	192,390	241,670
7226 Allocated Operations Services	0	0	0	0	0	88,532	111,208
Sub-total	\$0	\$0	\$0	\$0	\$0	\$280,922	\$352,878
TOTAL EXPENSES	\$0	\$0	\$0	\$0	\$0	\$989,422	\$785,978



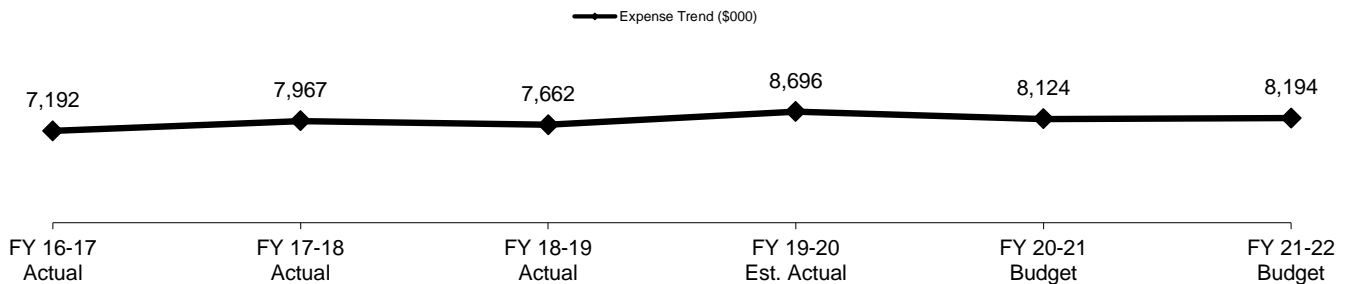
**Las Virgenes - Triunfo
Joint Powers Authority
Sewers - 751800**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$535	\$0	\$2,787	\$227	\$3,488	\$3,888	\$4,029
5405.1 Electricity	293	295	254	350	113	300	300
5405.4 Water	0	0	0	200	0	0	0
5420 Permits and Fee	472	472	472	472	472	8,000	8,000
Sub-total	\$1,300	\$767	\$3,513	\$1,249	\$4,303	\$12,188	\$12,329
MAINTENANCE DIVISION EXPENSE							
5500 Labor	41,066	31,495	55,165	41,873	43,442	45,375	47,438
5510 Supplies/Material	286	196	238	2,500	350	2,000	2,000
5515 Outside Services	30,230	27,192	80,804	30,000	24,000	30,000	30,000
Sub-total	\$71,582	\$58,883	\$136,207	\$74,373	\$67,792	\$77,375	\$79,438
SPECIALTY EXPENSES							
5710.2 Technical Services	0	0	1,313	0	1,789	2,004	2,237
5715.2 Other Laboratory Services	0	0	0	0	0	0	0
Sub-total	\$0	\$0	\$1,313	\$0	\$1,789	\$2,004	\$2,237
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	42,533	33,401	61,043	49,566	59,052	77,743	77,352
7226 Allocated Operations Services	19,449	15,902	27,690	22,807	27,174	44,812	44,587
Sub-total	\$61,982	\$49,303	\$88,733	\$72,373	\$86,226	\$122,555	\$121,938
TOTAL EXPENSES	\$134,864	\$108,953	\$229,766	\$147,995	\$160,110	\$214,122	\$215,942



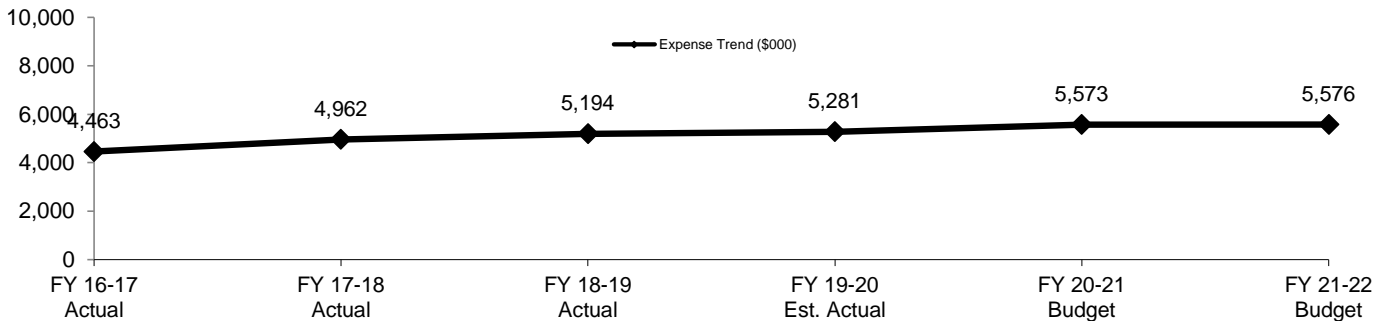
**Las Virgenes - Triunfo
Joint Powers Authority
Treatment/Reclamation - 751810**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$1,129,884	\$1,102,930	\$1,279,747	\$1,273,237	\$1,331,612	\$1,336,000	\$1,335,000
5405.1 Electricity	699,722	797,216	648,935	877,204	653,000	487,500	525,000
5405.2 Telephone	22,609	3,137	17,199	19,568	22,000	20,000	20,000
5405.3 Natural Gas	9,741	8,743	11,395	10,082	12,000	10,000	10,000
5405.4 Water	3,747	5,263	5,837	3,392	5,000	5,500	5,500
5410 Supplies/Material	20,786	26,337	43,442	35,020	34,000	35,000	35,000
5410.1 Fuel	18,979	16,598	10,558	20,600	10,000	17,000	17,000
5410.5 Ferric Chloride	42,204	37,853	35,505	54,456	49,000	60,000	60,000
5410.6 Defoamer/Deodorant	6,082	7,079	3,981	4,120	3,000	4,120	4,120
5410.9 Alum	6,864	6,917	11,127	9,489	14,000	12,000	12,000
5410.10 Sodium Hypochlorite	212,248	184,319	297,177	208,274	225,000	230,000	230,000
5410.11 Sodium Bisulfite	77,498	98,766	91,143	115,936	91,000	115,936	115,936
5410.13 Aqua Ammonia	31,675	27,657	30,616	31,669	19,000	31,699	31,699
5415 Outside Services	28,745	37,732	48,133	30,900	57,000	120,650	120,650
5417 Odor Control	41,963	42,226	38,596	46,350	33,000	40,000	40,000
5420 Permits and Fee	91,189	89,767	91,082	101,365	101,300	102,000	102,000
5425 Consulting Services	0	96,515	46,286	4,302	37,000	40,000	40,000
5430 Capital Outlay	23,994	0	98,630	50,000	88,000	100,000	100,000
Sub-total	\$2,467,930	\$2,589,055	\$2,809,389	\$2,895,964	\$2,784,912	\$2,767,405	\$2,803,905
MAINTENANCE DIVISION EXPENSE							
5500 Labor	604,558	665,960	488,598	704,929	554,198	550,000	542,000
5510 Supplies/Material	210,976	192,150	180,230	240,000	198,000	130,000	140,000
5515 Outside Services	205,253	213,480	94,820	137,000	121,000	125,000	135,000
5518 Building Maintenance	37,573	51,195	87,276	60,000	151,304	160,804	166,630
5530 Capital Outlay	9,774	28,462	26,094	55,000	88,000	65,000	70,000
Sub-total	\$1,068,134	\$1,151,247	\$877,018	\$1,196,929	\$1,112,502	\$1,030,804	\$1,053,630
EFFLUENT DISPOSAL							
6788 District Sprayfield	251,449	283,186	314,316	321,779	250,000	270,000	275,000
6789 005 Discharge	277	387	10,917	400	400	400	400
Sub-total	\$251,726	\$283,573	\$325,233	\$322,179	\$250,400	\$270,400	\$275,400
SPECIALTY EXPENSES							
5700 SCADA Services	46,631	32,454	44,094	91,618	51,916	61,104	61,786
5710.2 Technical Services	0	0	0	517	3,460	3,875	4,325
5715.2 Other Lab Services	135,739	147,436	149,325	146,294	143,000	143,000	143,000
5715.3 Tapia Lab Sampling	114,536	120,856	120,068	139,344	110,210	160,000	165,000
7202 Allocated Lab Expense	344,163	363,855	402,279	408,917	474,596	475,000	475,000
Sub-total	\$641,069	\$664,601	\$715,766	\$786,690	\$783,182	\$842,979	\$849,111
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	1,896,260	2,228,931	2,045,414	2,508,634	2,530,000	2,308,000	2,308,000
7226 Allocated Operations Services	867,096	1,049,788	889,119	1,154,400	1,235,000	904,000	904,000
Sub-total	\$2,763,356	\$3,278,719	\$2,934,533	\$3,663,034	\$3,765,000	\$3,212,000	\$3,212,000
TOTAL EXPENSES	\$7,192,215	\$7,967,195	\$7,661,939	\$8,864,796	\$8,695,996	\$8,123,588	\$8,194,046



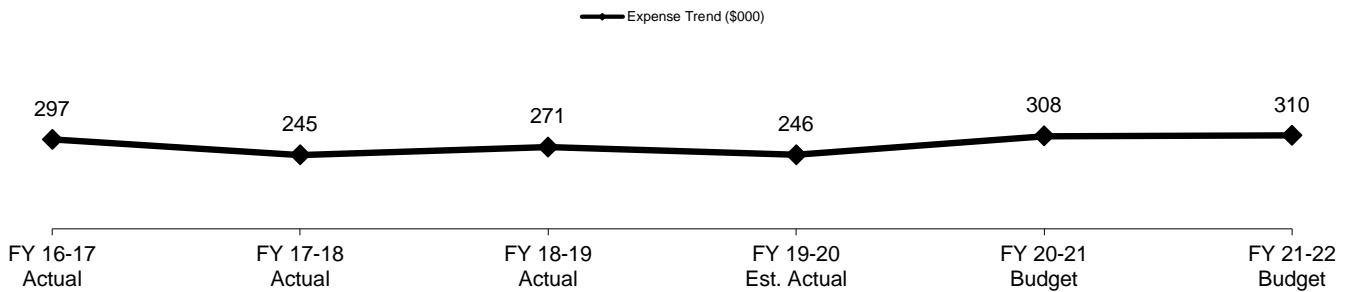
**Las Virgenes - Triunfo
Joint Powers Authority
Treatment/Composting - 751820**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$799,729	\$815,333	\$876,160	\$912,831	\$872,526	\$880,000	\$890,000
5405.1 Electricity	351,883	353,173	317,993	375,950	231,000	325,000	365,000
5405.2 Telephone	29,025	16,030	14,520	22,660	12,500	12,000	12,000
5405.3 Natural Gas	11,702	7,501	4,317	11,331	4,000	11,400	11,400
5405.4 Water	2,712	4,209	3,909	4,469	4,000	4,800	4,800
5410 Supplies/Material	28,982	25,794	29,724	27,628	24,000	28,450	28,450
5410.1 Fuel	7,229	1,253	4,338	4,807	1,000	4,950	5,000
5410.7 Polymer	120,588	117,798	149,870	108,876	81,000	147,000	147,000
5410.8 Amendment	142,893	101,919	48,336	123,600	21,000	135,000	135,000
5415 Outside Services	0	0	258,280	2,500	209,000	32,000	33,000
5417 Odor Control	101,740	99,393	37,014	154,500	24,000	145,000	145,000
5420 Permits and Fee	32,271	13,460	15,047	19,858	16,000	20,000	20,000
5430 Capital Outlay	0	0	0	0	0	40,000	40,000
Sub-total	\$1,628,754	\$1,555,863	\$1,759,508	\$1,769,010	\$1,500,026	\$1,875,600	\$1,836,650
MAINTENANCE DIVISION EXPENSE							
5500 Labor	459,605	481,074	594,660	555,759	542,588	508,000	533,000
5510 Supplies/Material	130,135	161,371	230,902	214,000	71,000	114,000	114,000
5515 Outside Services	134,053	57,778	133,943	135,000	134,000	115,000	135,000
5518 Building Maintenance	51,058	54,746	43,539	56,000	96,373	101,373	97,015
5525 Consulting Services	2,252	0	0	0	0	0	0
5530 Capital Outlay	36,000	133,090	0	40,000	0	0	0
Sub-total	\$813,103	\$888,059	\$1,003,044	\$1,000,759	\$843,961	\$838,373	\$879,015
SPECIALTY EXPENSES							
5700 SCADA Services	2,993	6,000	11,911	19,454	0	0	0
5710.2 Technical Services	0	0	0	129	7,038	7,884	8,799
5712 Compost Sales/Use Tax	2,922	3,246	2,989	4,000	4,000	4,000	4,000
5715.2 Other Lab Services	3,525	4,334	8,093	7,440	0	8,000	8,000
5715.3 Tapia Lab Sampling	769	884	498	638	0	800	800
7202 Allocated Lab Expense	11,284	11,930	13,189	13,407	15,560	18,093	18,912
Sub-total	\$21,493	\$26,394	\$36,680	\$45,068	\$26,598	\$38,777	\$40,511
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	1,372,144	1,688,044	1,648,049	1,781,118	1,954,000	1,895,000	1,895,000
7226 Allocated Operations Services	627,437	803,187	746,318	819,609	956,000	925,000	925,000
Sub-total	\$1,999,581	\$2,491,231	\$2,394,367	\$2,600,727	\$2,910,000	\$2,820,000	\$2,820,000
TOTAL EXPENSES	\$4,462,931	\$4,961,547	\$5,193,599	\$5,415,564	\$5,280,585	\$5,572,750	\$5,576,176



**Las Virgenes - Triunfo
Joint Powers Authority
Treatment/Centrated Treatment - 751830**

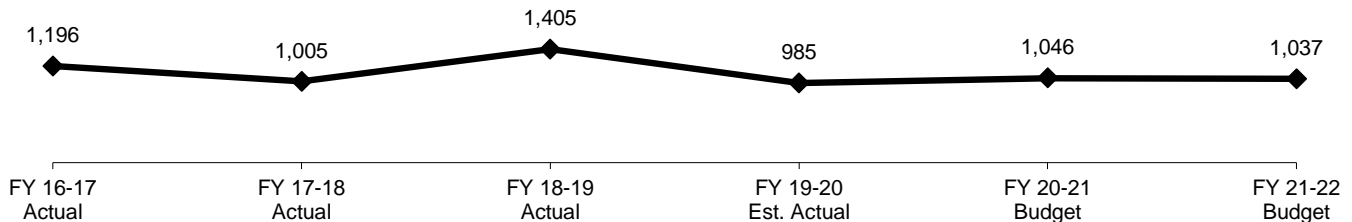
	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$0	\$0	\$0	\$3,797	\$0	\$0	\$0
5405.1 Electricity	58,285	64,786	64,838	71,482	64,000	70,000	70,000
5405.4 Water	1,203	1,430	1,673	1,005	2,000	1,700	1,700
5410 Supplies/Material	801	882	876	0	0	500	500
5410.1 Fuel	0	2,214	2,909	3,891	1,000	3,000	3,000
5420 Permits and Fee	69,327	69,341	75,887	69,500	87,071	90,000	90,000
Sub-total	\$129,616	\$138,653	\$146,183	\$149,675	\$154,071	\$165,200	\$165,200
MAINTENANCE DIVISION EXPENSE							
5500 Labor	38,725	14,196	18,962	28,411	5,641	6,674	6,970
5510 Supplies/Material	4,052	11,821	2,484	15,000	2,000	15,000	15,000
5515 Outside Services	24,495	10,096	22,455	17,000	4,000	17,000	17,000
Sub-total	\$67,272	\$36,113	\$43,901	\$60,411	\$11,641	\$38,674	\$38,970
SPECIALTY EXPENSES							
5715.2 Other Lab Services	1,960	2,521	1,114	3,121	2,000	3,000	3,000
5715.3 Tapia Lab Sampling	10,400	8,612	10,870	11,320	13,036	16,469	17,201
7202 Allocated Lab Expense	22,568	23,859	26,379	26,814	31,121	36,187	37,824
Sub-total	\$34,928	\$34,992	\$38,363	\$41,255	\$46,157	\$55,656	\$58,025
ADMINISTRATIVE EXPENSES							
7225 Allocated Support Services	44,433	24,240	31,110	48,489	23,289	30,663	30,512
7226 Allocated Operations Services	20,316	10,797	11,573	22,312	10,717	17,675	17,588
Sub-total	\$64,749	\$35,037	\$42,683	\$70,801	\$34,005	\$48,338	\$48,099
TOTAL EXPENSES	\$296,565	\$244,795	\$271,130	\$322,142	\$245,874	\$307,868	\$310,294



**Las Virgenes - Triunfo
Joint Powers Authority
Administration - 751840**

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Budget	FY 19-20 Est. Actual	FY 20-21 Budget	FY 21-22 Budget
OPERATIONS DIVISION EXPENSE							
5400 Labor	\$1,424	\$0	\$0	\$717	\$0	\$0	\$0
Sub-total	\$1,424	\$0	\$0	\$717	\$0	\$0	\$0
INVENTORY EXPENSES							
5536 Inventory Adjustment	(2,393)	6,134	153,421	4,840	2,200	5,000	5,000
Sub-total	(\$2,393)	\$6,134	\$153,421	\$4,840	\$2,200	\$5,000	\$5,000
PUBLIC INFORMATION							
6602 School Education Program	22,535	14,394	2,586	20,971	814	1,105	1,152
6604 Public Education Program	70,275	45,330	29,554	67,722	23,627	20,069	20,842
6606 Community Group Outreach	1,182	2,911	0	6,028	0	8,000	8,000
6608 Intergovernmental Coordination	4,146	1,098	411	5,298	0	5,000	5,000
Sub-total	\$98,138	\$63,733	\$32,551	\$100,019	\$24,441	\$34,174	\$34,994
RESOURCE CONSERVATION							
6785 Watershed Programs	60,773	17,097	1,800	46,594	14,000	20,000	20,000
Sub-total	\$60,773	\$17,097	\$1,800	\$46,594	\$14,000	\$20,000	\$20,000
ADMINISTRATIVE EXPENSES							
6872 Litigation/Outside Services	83,990	49,115	206,946	25,000	135,000	0	0
6516 Other Professional Services	95,007	167,843	266,417	137,000	156,600	156,600	156,600
6517 Audit Fees	3,395	3,395	3,377	3,700	6,000	6,000	6,000
7110 Travel/Misc Staff Expense	248	0	0	0	0	0	0
7135.1 Property Insurance	56,955	69,614	79,858	59,779	80,859	0	0
7135.4 Earthquake Insurance	91,466	110,557	117,389	95,559	92,073	0	0
7145 Claims Paid	122,451	21,000	0	0	0	0	0
7153 TSD Staff Services	0	0	0	5,000	5,500	6,000	6,000
7155 Other Expense	54,029	9,000	0	0	0	0	0
6260 Rental Charge - Facility Repl	371,357	351,674	377,618	363,316	355,453	363,316	363,316
Allocated Insurance	0	0	0	0	0	175,131	183,888
Allocated Legal Services	0	0	0	0	0	135,000	135,000
7203 Allocated Building Maint	83,651	89,824	153,010	88,804	92,424	115,392	96,642
7225 Allocated Support Services	51,723	31,374	8,767	163,458	14,326	18,861	18,763
7226 Allocated Operations Services	23,652	14,936	3,977	75,217	6,592	10,872	10,815
Sub-total	\$1,037,924	\$918,332	\$1,217,359	\$1,016,834	\$944,828	\$987,172	\$977,025
TOTAL EXPENSES	\$1,195,866	\$1,005,296	\$1,405,131	\$1,169,004	\$985,469	\$1,046,346	\$1,037,019

Expense Trend (\$000)



CIP Projects FY 2020-21 and FY 2021-22

Sanitation

SCADA System Communications Upgrade-10520

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Migration of the existing communication system from a serial radio network to an Ethernet based radio network. Provide redundant data paths for uninterrupted communication. Eliminate need to rely on telephone company equipment.	32,447.00	93,100.00	60,653.00

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	-	-	527,942.56	
	TWSD Share Amount (29.4%)	-	-	-	219,851.44	
	Project Totals	-	-	-	747,794.00	840,894.00

Tapia Programmable Logic Controller Upgrades-10567

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: This project replaces programmable logic controllers (PLC's) with newer PLCs and provides necessary equipment upgrades (fiber optics, network switches and programming) to complete the installation. This is a program project which addresses Tapia in the first two years and centrate treatment in the third year. Design will occur in the first year for all facilities.	136,665.00	1,311,560.00	1,174,895.00

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	839,038.64	1,668,514.51	-	-	
	TWSD Share Amount (29.4%)	349,401.36	694,820.49	-	-	
	Project Totals	1,188,440.00	2,363,335.00	-	-	2,500,000.00

Summer Season TMDL Compliance-10619

Project Description:

In February 2017 the SWRCB adopted the Implementation Plan for the 2013 TMDL. The plan provides for compliance with summer time limits within five years. The options for compliance include a "side stream" treatment plant, the use of potable water and nutrient trading in the watershed. This CIP funds the selection, preliminary studies, outreach, CEQA analysis, preliminary design and final design for summer time compliance. Project 10611 (Duct Bank Infrastructure Upgrade) was added to this program for the FY19-20 planning period. Construction of a 1 MGD "side stream" treatment facility at Tapia to treat potable water for stream flow augmentation. Project is currently in 80% final design.

Prior Year Expenditures	Prior Year Appropriations	Carryforward
318,175.00	1,449,985.00	1,131,810.00

Sanitation-100 %

	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	1,050,097.34	1,849,155.20	-	-	
TWSD Share Amount (29.4%)	437,292.66	770,044.80	-	-	
Project Totals	1,487,390.00	2,619,200.00	-	-	2,937,375.00

Pure Water Project-10635

Project Description:

This project funds preliminary studies, outreach, CEQA analysis, preliminary design and final design. The 2018 project cost estimate (\$121M) was updated using an annual inflationary factor of 3%.

Prior Year Expenditures	Prior Year Appropriations	Carryforward
648,654.00	3,456,482.00	2,807,828.00

Sanitation-100 %

	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	2,959,673.43	4,942,000.00	5,824,156.88	-	
TWSD Share Amount (29.4%)	1,232,498.57	2,058,000.00	2,425,357.12	-	
Project Totals	4,192,172.00	7,000,000.00	8,249,514.00	146,243,486.00	162,141,654.00
Project Offset			(1,424,537.15)		
			Net Project	160,717,116.85	

A/B Bus Electrical Modification-10661

Project Description:

Study the feasibility of reconfiguring the Tapia electrical switch gear and then hire electrical team to make the modifications. Construction cost estimates will be developed following the completion of the feasibility study.

		Prior Year Expenditures	Prior Year Appropriations	Carryforward		
		-	100,000.00	100,000.00		
Sanitation-100 %						
			FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations
	LV Share Amount (70.6%)			70,600.00	-	-
	TWSD Share Amount (29.4%)			29,400.00	-	-
	Project Totals	-		100,000.00	-	-
						Project Total
						100,000.00

Rancho Las Virgenes Storm Water Diversion-10668

Project Description:

Replacement of two storm water diversion structures at the Rancho Las Virgenes Composting Facility. Structures have lifted and need to be addressed. The drainage from the V-ditch goes to a discharge point in Las Virgenes Creek. There is a concern that sludge and/or reclaimed water entering into the V-ditch could enter the creek via the drainage from the V-ditch. An Open/Close valve should be installed at the drainage area so that operators control the contents of the V-ditch. A sump pump system with discharge piping should also be included so that the contents can be pumped either to the field or offsite.

		Prior Year Expenditures	Prior Year Appropriations	Carryforward		
		3,746.00	41,767.00	38,021.00		
Sanitation-100 %						
			FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations
	LV Share Amount (70.6%)		74,154.71	100,997.54	83,025.60	-
	TWSD Share Amount (29.4%)		30,880.29	42,058.46	34,574.40	-
	Project Totals		105,035.00	143,056.00	117,600.00	-
						Project Total
						264,402.00

Develop Seating Area at Tapia-10669

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Develop tour seating area and climate appropriate landscaping at Tapia adjacent to the control building.	14,035.00	25,000.00	10,965.00

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	7,741.29	-	-	
	TWSD Share Amount (29.4%)	-	3,223.71	-	-	
	Project Totals	-	10,965.00	-	-	25,000.00

Centrate 24" Valve Replacement

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replace two (2) buried 24-inch Miliken valves at the centrate facility.	-	264,000.00	264,000.00

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	17,650.00	204,034.00	-	-	
	TWSD Share Amount (29.4%)	7,350.00	84,966.00	-	-	
	Project Totals	25,000.00	289,000.00	-	-	289,000.00

Rancho Las Virgenes Digester Cleaning and Repair-10680

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Rehabilitation and repair of Digester No. 2 at Rancho Compost Facility.	2,235,428.00	2,235,428.00	-

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	438,468.36	438,468.36	-	-	
	TWSA Share Amount (29.4%)	182,591.64	182,591.64	-	-	
	Project Totals	621,060.00	621,060.00	-	-	2,856,488.00

Rancho Fire Repair- Woolsey Fire-10689

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Repair compost and cure building, fire damaged windows and roofing, mechanical equipment, irrigation system, electrical, architectural facade, biofilter and other damaged items.	682,985.00	1,989,455.00	1,306,470.00

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	125,385.60	1,005,393.42	-	-	
	TWSA Share Amount (29.4%)	52,214.40	418,676.58	-	-	
	Project Totals	177,600.00	1,424,070.00	-	-	2,107,055.00
	Project Offset		-	-		
				Net Project	2,107,055.00	

JPA Facility Repairs-Woolsey Fire-10692

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Repair JPA owned fire damaged facilities, property and equipment. Damage include irrigation systems at Rancho Compost Facility and Reservoir 2. Budget for design under CIP# 10691.	3,864.00	878,612.00	874,748.00

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	617,572.09	-	-	
TWSD Share Amount (29.4%)	-	257,175.91	-	-	
Project Totals	-	874,748.00	-	-	878,612.00
Project Offset		-	-		
			Net Project	878,612.00	

Tapia Effluent Pump Station-10702

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Remove or abandon in place existing 4160 volt feeders currently suspended from the top slab of the Effluent Pump Station wet well, underneath the existing MCCs. Perform electrical design and replace the overhead 4160 volt feeders. Ensure coordination with 480 volt switch gear improvements.	-	100,000.00	100,000.00

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	70,600.00	279,576.00	-	
TWSD Share Amount (29.4%)	-	29,400.00	116,424.00	-	
Project Totals	-	100,000.00	396,000.00	-	496,000.00

Tapia Tertiary Filter Rehab-10703

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Tertiary Filters concrete rehabilitation. Approximately 25 locations that require a 1 square foot patching with rebar repair. Replace 45 metal plates (2' X 4') on the filter deck and fix concrete around the plates with proper joint sealer. Also include the repair of an electrical panel in the Filter gallery. Replace existing electric actuators at filter structure with new electric actuators. Program plant control system to function with both remote PLC control of actuators and local actuator control. Upgrade local controls to replace old filter annunciator panels which are currently located on the top	-	60,000.00	60,000.00

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	13,555.20	55,915.20	-	-	
	TWSD Share Amount (29.4%)	5,644.80	23,284.80	-	-	
	Project Totals	19,200.00	79,200.00	-	-	79,200.00

Rancho Reliability Improvements-201839

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, beyond useful life, or obsolescence. Specific projects are identified for each fiscal year.	-	-	-

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	93,192.00	93,192.00	93,192.00	-	
	TWSD Share Amount (29.4%)	38,808.00	38,808.00	38,808.00	-	
	Project Totals	132,000.00	132,000.00	132,000.00	1,056,000.00	1,320,000.00

Tapia Water Reclamation Facility Improvements-201840

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replace or rehabilitate facilities and equipment at the Tapia Water Reclamation facility based on failure, end of useful life, or obsolescence. Specific projects are identified for each fiscal year.	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	93,192.00	93,192.00	93,192.00	-	
TWSD Share Amount (29.4%)	38,808.00	38,808.00	38,808.00	-	
Project Totals	132,000.00	132,000.00	132,000.00	1,056,000.00	1,320,000.00

Tapia Influent Pump Replacement-201854

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replacement of two (2) influent pumps with dry pit submersible pumps. Dry pit submersible pumps will improve staff's ability to maintain and improve staff safety when performing maintenance. This project was identified in the 2017 Carollo study.	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	279,576.00	-	
TWSD Share Amount (29.4%)	-	-	116,424.00	-	
Project Totals	-	-	396,000.00	924,000.00	1,320,000.00

Lift Station No.1 Pump Replacement-201855

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replacement of (3) pumps	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	279,576.00	-	
TWSD Share Amount (29.4%)	-	-	116,424.00	-	
Project Totals	-	-	396,000.00	-	396,000.00

Lift Station No.2 Pump Replacement-201856

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replacement of (3) pumps	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	279,576.00	-	
TWSD Share Amount (29.4%)	-	-	116,424.00	-	
Project Totals	-	-	396,000.00	-	396,000.00

Tapia Hypochlorite Tank Replacement-201857

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replace the three fiberglass sodium hypochlorite tanks at Tapia. They are over 20 years old and beyond their expected life span. Leaks have been frequently developing and repairs are costly and difficult.	-	-	-

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	136,399.20	136,399.20	-	-	
	TWSD Share Amount (29.4%)	56,800.80	56,800.80	-	-	
	Project Totals	193,200.00	193,200.00	-	-	193,200.00

Tapia Secondary Clarifier Rehab-201858

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Repair the secondary clarifiers. The current launders are leaking and need to have the wall seal repaired. Replacement on the inlet diffusers and skimming tubes is also necessary as they are corroded and leaking. Re-caulking the expansion joints and structural repairs to catwalks are needed as they are separating from the wall.	-	-	-

Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	198,386.00	198,386.00	-	-	
	TWSD Share Amount (29.4%)	82,614.00	82,614.00	-	-	
	Project Totals	281,000.00	281,000.00	-	-	281,000.00

Tapia Effluent Meter Replacement-201859

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
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Project Description:

With the summertime compliance project being constructed next year, the 001 out fall meter will be removed. Additionally, the Tapia groundwater meter has aged out and the 003 meter needs to be replaced. These meters are regulatory required. This project replaces the 001, 003 and the Tapia groundwater effluent meters.

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	23,298.00	23,298.00	-	-	
TWSD Share Amount (29.4%)	9,702.00	9,702.00	-	-	
Project Totals	33,000.00	33,000.00	-	-	33,000.00

Tapia Sludget Wet Well Re-Circulation-201860

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
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Project Description:

The re-circulation (mixing) piping at the Tapia sludge wet wells is corroded and develops leaks. This project replaces this piping.

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are regulatory required. This project replaces the 001, 003 and the Tapia groundwater effluent meters.

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	44,336.80	-	
TWSD Share Amount (29.4%)	-	-	18,463.20	-	
Project Totals	-	-	62,800.00	-	62,800.00

Tapia Air Line Repair-201861

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
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Project Description:

The air line which conveys compressed air to the treatment process has leaks which not only allow air to escape, but also allow contaminants to enter into the pipeline and potentially the air diffusers. A large portion of this line was repaired, however a section of the pipeline was not addressed. This section needs to be addressed to stop leakage and protect the diffuser membranes.

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	35,300.00	-	
TWSD Share Amount (29.4%)	-	-	14,700.00	-	
Project Totals	-	-	50,000.00	-	50,000.00

Rancho Valving In Street Replacement- 201862

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
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Project Description:

Replace the broken or damaged R.E.W. and Potable Water valving throughout the facility.

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	178,971.00	-	
TWSD Share Amount (29.4%)	-	-	74,529.00	-	
Project Totals	-	-	253,500.00	-	253,500.00

Multi Site Security Assessment and Improvement- JPA-201866

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replace the broken or damaged R.E.W. and Potable Water valving throughout the facility.	26,000.00	26,000.00	-

	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
Sanitation-100 %	LV Share Amount (70.6%)	22,870.16	22,870.16	22,610.71	-
	TWSD Share Amount (29.4%)	9,523.84	9,523.84	9,415.79	-
	Project Totals	32,394.00	32,394.00	32,026.50	-
					90,420.50

Tapia Gantry Crane-201875

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Design, build and construct gantry crane for future maintenance of aeration basin diffusers.	-	-	-

	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
Sanitation-100 %	LV Share Amount (70.6%)	-	-	81,613.36	-
	TWSD Share Amount (29.4%)	-	-	33,986.40	-
	Project Totals	-	-	115,599.76	-
					115,599.76

Tapia Flow Equalization-201904

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
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Project Description:

This project consists of the development of a preliminary design report to evaluate the storage and conveyance of Tapia primary effluent to help store and equalize the diurnal peak flows that Tapia sees between dry and wet weather events. This maximizes effluent available for the AWT and also improves and provides consistent water quality for the feed water to the

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Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	70,600.00	70,600.00	176,500.00	-	
	TWSD Share Amount (29.4%)	29,400.00	29,400.00	73,500.00	-	
	Project Totals	100,000.00	100,000.00	250,000.00	-	350,000.00

Tapia HVAC Replacement-201906

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
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Project Description:

Replace existing 40-year old HVAC at Tapia.

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Sanitation-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	214,624.00	214,624.00	-	-	
	TWSD Share Amount (29.4%)	89,376.00	89,376.00	-	-	
	Project Totals	304,000.00	304,000.00	-	-	304,000.00

Rancho Generator Study and Purchase-201907

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Commission study/design of backup generator requirements followed by purchase and installation of recommended equipment	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	214,624.00	214,624.00	194,390.04	-	
TWSD Share Amount (29.4%)	89,376.00	89,376.00	80,949.96	-	
Project Totals	304,000.00	304,000.00	275,340.00	-	579,340.00

Concrete Corrosion/Crack Repair-Tapia-201912

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Repair failing concrete at the Tapia Water Reclamation Facility	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	46,596.00	46,596.00	46,596.00	-	
TWSD Share Amount (29.4%)	19,404.00	19,404.00	19,404.00	-	
Project Totals	66,000.00	66,000.00	66,000.00	66,000.00	198,000.00

Lift Station Improvements- 201914

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Repair and rehabilitate aging lift stations.	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	105,900.00	105,900.00	783,660.00	-
	TWSD Share Amount (29.4%)	44,100.00	44,100.00	326,340.00	-
	Project Totals	150,000.00	150,000.00	1,110,000.00	1,110,000.00
					2,370,000.00

Fire Hardening- JPA Facilities-201915

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Fire hardening strategy for JPA facilities includes preventative measures and protection systems for both internal and external sources of fire. Potential facility improvements include: 1) Employing advanced detectors and utilizing a plant fire safety systems; and 2) evaluation and, if feasible, installation of a perimeter fire defense system. Fire Hardening also includes creating larger defensible space around critical structures and providing wider access roads and preventative improvements to facilities.	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	186,384.00	186,384.00	186,384.00	-
	TWSD Share Amount (29.4%)	77,616.00	77,616.00	77,616.00	-
	Project Totals	264,000.00	264,000.00	264,000.00	2,112,000.00
					2,640,000.00

Discharge Point Rehab-201918

		Prior Year Expenditures	Prior Year Appropriations	Carryforward		
Project Description:						
Evaluate and repair failed 003 Discharge point pipeline (into Malibu Creek). Contract for inspection, an engineering study and a design report to determine the most cost effective means to repair failed 24" potable water pipeline from the Tapia Water Reclamation Facility to Malibu Creek. The pipeline will be used to supply potable supplement to the Malibu Creek during low flow periods.Approximately one (1) mile of pipeline needs to be and preventative improvements to facilities.						
		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
Sanitation-100 %	LV Share Amount (70.6%)	543,125.80	543,125.80	-	-	
	TWSD Share Amount (29.4%)	226,174.20	226,174.20	-	-	
	Project Totals	769,300.00	769,300.00	-	-	769,300.00

Grit Chamber Mixing System Replacement-60030

		Prior Year Expenditures	Prior Year Appropriations	Carryforward		
Project Description:						
Replace grit chamber mixing system with a more efficient mixing system.						
		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
Sanitation-100 %	LV Share Amount (70.6%)	93,898.00	93,898.00	-	-	
	TWSD Share Amount (29.4%)	39,102.00	39,102.00	-	-	
	Project Totals	133,000.00	133,000.00	-	-	133,000.00

New RAS Wet Well and Pumps-60031

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replace RAS wet well and pumps to increase pumping capacity and reliability.	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	84,720.00	84,720.00	790,720.00	-	
TWSD Share Amount (29.4%)	35,280.00	35,280.00	329,280.00	-	
Project Totals	120,000.00	120,000.00	1,120,000.00	-	1,240,000.00

Centrate Tank Inspection and Rehabilitation Assesment-70019

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Tank inspections and recommendations for rehabilitation.	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	7,060.00	7,060.00	-	-	
TWSD Share Amount (29.4%)	2,940.00	2,940.00	-	-	
Project Totals	10,000.00	10,000.00	-	-	10,000.00

Trunk Sewer System Improvements-99983

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Replace or rehabilitate trunk sewer system components based on CCTV, condition assessment & SSMP, end of useful life, or obsolescence. Specific projects are identified for each fiscal year (see project 201877 for FY 20-21 related activity).	-	-	-

Sanitation-100 %	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	783,660.00	-	
TWSD Share Amount (29.4%)	-	-	326,340.00	-	
Project Totals	-	-	1,110,000.00	-	1,110,000.00

Sanitation Summary

	7,869,300.00			
	Carryforward	Appropriations	FY 20-21 Budget	FY 21-22 Appropriations
LV Share Amount (70.6%)	5,555,725.80	7,652,892.45	13,165,860.77	9,530,889.16
TWSD Share Amount (29.4%)	2,313,574.20	3,186,898.55	5,482,667.23	3,968,953.95
	7,869,300.00	10,839,791.00	18,648,528.00	13,499,843.11

Recycled Water

Canyon Oaks Park RW Main Extension-10629

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Extension to serve the City of Westlake Village's Oak Canyon Park and eliminate a long private service line to Yerba Buena School.	7,451.00	399,780.00	392,329.00

Recycled-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	276,631.98	-	-	
	TWSD Share Amount (29.4%)	-	115,198.02	-	-	
	Project Totals	-	391,830.00	-	-	399,281.00

Cordillera Tank Rehab-10665

	Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description: Rehabilitation of Cordillera Tank including interior and exterior coating, valve and appurtenance upgrades and replacements, restoration of deteriorated asphalt, and work to ensure up-to-date compliance for safety and water quality equipment.	39,879.00	1,201,267.00	1,161,388.00

Recycled-100 %		FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	819,939.93	-	-	
	TWSD Share Amount (29.4%)	-	341,448.07	-	-	
	Project Totals	-	1,161,388.00	-	-	1,201,267.00

Recycled Water Summary

	Carryforward	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations
LV Share Amount (70.6%)	1,096,924.20	-	1,096,571.91	-
TWSD Share Amount (29.4%)	456,792.80	-	456,646.09	-
	1,553,717.00	-	1,553,218.00	

Santitation Summary

	Carryforward	Appropriations	FY 20-21 Budget	FY 21-22 Appropriations
LV Share Amount (70.6%)	5,555,725.80	7,652,892.45	13,165,860.77	9,530,889.16
TWSD Share Amount (29.4%)	2,313,574.20	3,186,898.55	5,482,667.23	3,968,953.95
	7,869,300.00	10,839,791.00	18,648,528.00	13,499,843.11

Grand Total

	Carryforward	FY 20-21 Appropriations	FY 20-21 Budget	FY 21-22 Appropriations
LV Share Amount (70.6%)	6,652,650.00	7,652,892.45	14,262,432.68	9,530,889.16
TWSD Share Amount (29.4%)	2,770,367.00	3,186,898.55	5,939,313.32	3,968,953.95
	9,423,017.00	10,839,791.00	20,201,746.00	13,499,843.11