



# Las Virgenes – Triunfo Joint Powers Authority

# **Las Virgenes – Triunfo Joint Powers Authority**

Fiscal Year 2019-20

## **Triunfo Sanitation District**

Raymond Tjulander  
Susan Pan  
Janna Orkney - Chair  
Leon Shapiro  
James Wall

Mark Norris – District Manager

## **Las Virgenes Municipal Water District**

Leonard Polan  
Charles Caspary  
Lee Renger  
Jay Lewitt - Vice Chair  
Lynda Lo-Hill

David Pedersen – General Manager

Administering Agency:  
Las Virgenes Municipal Water District  
4232 Las Virgenes Road  
Calabasas, CA 91302-1994  
818.251.2100  
[www.lvmwd.com](http://www.lvmwd.com)

# JPA 2019-20 BUDGET

In June 2018 the JPA Board approved a two-year budget plan for Fiscal Years 2018-20. The purpose of preparing a two-year plan is to minimize changes to operating, capital improvement projects, and staffing in the second year. As a result, the expenses generally represent a continuation of the same levels of staffing and services with a minimal amount of changes.

The main reasons for a two- year plan are to :

1. Improve long-term planning
2. Concentrate on the implementation of long-term strategic objectives
3. Create framework for stable operations and orderly spending patterns
4. Reduce staff time to prepare the budget, free staff to focus on other tasks

The Fiscal Year 2019-20 JPA budget for operating expenses is \$ 17.6 million. The net operating expense in FY 2019-20 is \$ 14.8 million. Operating expenses increased from the budget plan by \$158 thousand for staff organizational changes.

The JPA Capital Budget including carryover amounts is \$ 9.7 million, which is a net increase of \$1.1 million due to the significant changes presented below. Several projects were shifted to later budget years and \$2.8 million of the added projects were related to the Woolsey fire. Staff anticipates partial reimbursement from insurance and FEMA, however those estimates have not yet been finalized.

## Summary of Significant Changes

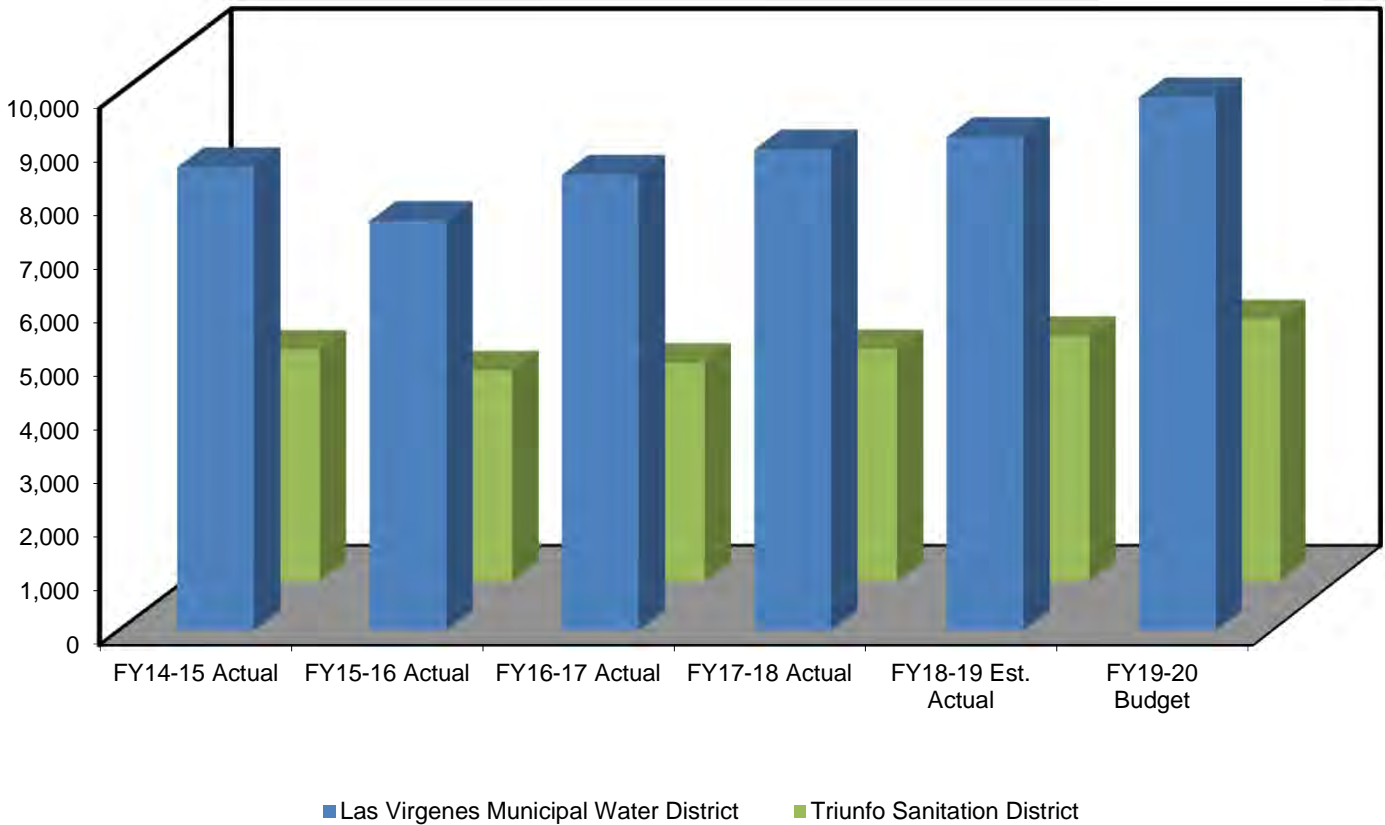
### Capital Improvement Projects

#### Fiscal Year 2019-20

	<u>Budget Plan</u>	<u>Proposed</u>	<u>Adjustments</u>
10689-Rancho Fire Repair-Woolsey Fire	\$ -	\$ 1,942,500	\$ 1,942,500
10638-Pure Water Project - Demonstration Plant	\$ 3,500,000	\$ 2,001,159	\$ (1,498,841)
10619-Summer Season 2013 TMDL Compliance	\$ 2,220,000	\$ 809,985	\$ (1,410,015)
10692-JPA Facility Repair-Woolsey Fire	\$ -	\$ 832,500	\$ 832,500
10567-Programmable Logic Controller Updates	\$ 376,700	\$ 923,450	\$ 546,750
10667-Tapia Headwks White Rm Floor Plate Repair & Steel Framing	\$ -	\$ 357,440	\$ 357,440
Other Projects	\$ 2,456,120	\$ 2,791,169	\$ 335,049
	\$ 8,552,820	\$ 9,658,203	\$ 1,105,383

**Las Virgenes - Triunfo  
Joint Powers Authority  
Allocated Net Expense Summary  
(Dollars in Thousands)**

	FY14-15 Actual	FY15-16 Actual	FY16-17 Actual	FY17-18 Actual	FY18-19 Est. Actual	FY19-20 Budget
<b>JPA Revenues</b>	2,326	2,346	2,168	2,346	2,364	2,767
<b>JPA Expenses</b>	15,189	13,920	14,755	15,679	16,126	17,580
<b>Net Operating Expense</b>	12,863	11,574	12,587	13,333	13,762	14,813
<b>Non-Operating Revenue (Expense)</b>	(66)	34	45	69	20	20
<b>Net Expenses</b>	12,929	11,540	12,542	13,264	13,742	14,793
<b>Las Virgenes Municipal Water District</b>	8,624	7,623	8,483	8,954	9,184	9,922
<b>Triunfo Sanitation District</b>	4,305	3,917	4,059	4,310	4,558	4,871
<b>Total Allocated Expenses</b>	12,929	11,540	12,542	13,264	13,742	14,793



## RW WHOLESALE RATE COMPUTATIONS

FY 2019-20 Budgeted Costs	Total Cost	Base Cost	Add'l Pumping	East-West Cost
Pump Stations	1,379,114	661,409	717,705	
Reservoirs	133,191	133,191		
System Operations	47,592	47,592		
Distribution	101,209	101,209		
RW Operations	<u>1,661,106</u>			
RW Ops/Total JPA Ops	9.5%			
Total JPA Admin	1,012,311			
RW Administration	96,515	96,515		
subtotal:Operations & Admin	<u>1,757,621</u>	<u>1,039,916</u>		
Est. Depreciation FY17-18	929,736	929,736	-	
Total Cost	<u>\$ 2,687,357</u>	<u>\$ 1,969,652</u>	<u>\$ 717,705</u>	

Costs per Acre Foot	<u>\$ 346.65</u>	<u>\$ 133.88</u>	<u>\$ 480.53</u>
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### FY 2019-20 Estimated Deliveries

	Acre Feet	Rate	
LV Valley	321	\$ 346.65 /AF	\$ 111,274.65
LVMWD East	1,443	\$ 480.53 /AF	\$ 693,404.79
LVMWD West	2,151	\$ 480.53 /AF	\$ 1,033,620.03
Total LVMWD	<u>3,915</u>		<u>\$ 1,838,299.47</u>
TSD	1,767	\$ 480.53 /AF	\$ 849,096.51
	<u>5,682</u>		<u>\$ 2,687,395.98</u>

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

	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Budget	FY 18-19 Est. Actual	FY 19-20 Budget
<b>OPERATING REVENUES</b>							
4235 RW Sales - LVMWD	\$1,508,136	\$1,557,726	\$1,369,024	\$1,603,106	\$1,817,122	\$1,609,490	\$1,838,299
4240 RW Sales - TSD	626,542	728,937	688,676	678,150	838,972	674,548	849,097
4245 MWD Incentive - Local Projects	100,331	0	0	0	0	0	0
4505 Other Income from Operations	54,523	41,954	96,197	55,595	65,000	65,000	65,000
4510 Compost Sales	36,698	17,224	14,161	8,882	15,000	15,000	15,000
<b>TOTAL OPERATING REVENUES</b>	<b>\$2,326,230</b>	<b>\$2,345,841</b>	<b>\$2,168,058</b>	<b>\$2,345,733</b>	<b>\$2,736,093</b>	<b>\$2,364,038</b>	<b>\$2,767,396</b>
<b>SOURCE OF SUPPLY</b>							
5115 Purchased Water - Potable Suppl	136,529	0	34,124	0	0	0	0
<b>OPERATIONS DIVISION EXPENSE</b>							
5400 Labor	1,833,291	1,814,962	1,986,771	1,972,298	2,206,257	2,351,511	2,263,114
5405.1 Electricity	2,547,058	2,227,083	2,101,399	2,270,433	2,438,504	2,028,850	2,509,986
5405.2 Telephone	21,501	31,564	52,977	20,075	41,998	41,998	43,228
5405.3 Natural Gas	23,294	17,631	21,443	16,244	20,789	20,789	21,413
5405.4 Water	11,141	7,022	7,956	11,493	8,808	8,808	9,066
5410 Supplies/Material	58,280	80,525	72,756	80,218	78,312	78,312	79,648
5410.1 Fuel	14,978	6,004	26,208	20,065	28,445	28,445	29,298
5410.5 Ferric Chloride	60,306	56,100	42,204	37,853	52,870	52,870	54,456
5410.6 Defoamer/Deodorant	5,990	0	6,082	7,079	4,000	4,000	4,120
5410.7 Polymer	114,821	81,706	120,588	117,798	105,705	95,000	108,876
5410.8 Amendment	181,136	200,344	142,893	101,919	120,000	90,000	123,600
5410.9 Alum	14,569	6,205	6,864	6,917	9,213	9,213	9,489
5410.10 Sodium Hypochlorite	243,406	150,971	212,248	184,319	202,208	264,000	208,274
5410.11 Sodium Bisulfite	150,059	110,119	77,498	98,766	112,559	90,000	115,936
5410.13 Aqua Ammonia	20,249	40,318	31,675	27,657	30,747	30,747	31,669
5415 Outside Services	42,275	46,961	57,168	58,373	57,500	57,500	58,400
5417 Odor Control	130,480	72,177	143,703	141,619	195,000	165,000	200,850
5420 Permits and Fee	188,358	181,108	193,347	174,028	187,765	187,765	191,295
5425 Consulting Services	11,582	948	0	96,515	69,177	69,177	4,302
5430 Capital Outlay	16,609	27,790	23,994	0	67,500	67,500	65,000
Sub-total	\$5,689,383	\$5,159,538	\$5,327,774	\$5,443,669	\$6,037,357	\$5,741,485	\$6,132,020
<b>MAINTENANCE DIVISION EXPENSE</b>							
5500 Labor	1,259,216	1,119,250	1,211,888	1,228,843	1,365,516	1,308,577	1,400,989
5510 Supplies/Material	532,159	585,576	396,570	380,410	483,500	479,500	483,500
5515 Outside Services	362,683	362,494	437,628	350,741	356,450	344,450	341,450
5518 Building Maintenance	108,602	96,566	88,631	105,941	116,000	116,000	116,000
5520 Permits and Fee	768	814	580	1,211	500	500	500
5525 Consulting Services	4,002	0	2,252	0	0	0	0
5530 Capital Outlay	23,670	31,622	45,774	161,552	25,500	25,500	95,000
Sub-total	\$2,291,100	\$2,196,322	\$2,183,323	\$2,228,698	\$2,347,466	\$2,274,527	\$2,437,439
<b>INVENTORY EXPENSES</b>							
5536 Inventory Adjustment	12,800	3,102	(2,393)	6,134	4,400	4,400	4,840
Sub-total	\$12,800	\$3,102	(\$2,393)	\$6,134	\$4,400	\$4,400	\$4,840
<b>PUBLIC INFORMATION</b>							
6602 School Education Program	10,509	9,290	22,535	14,394	19,770	12,504	20,971
6604 Public Education Program	39,331	57,663	70,275	45,330	67,668	35,816	67,722
6606 Community Group Outreach	1,184	220	1,182	2,911	5,990	5,500	6,028
6608 Intergovernmental Coordination	1,842	6,008	4,146	1,098	5,277	845	5,298
Sub-total	\$52,866	\$73,181	\$98,138	\$63,733	\$98,705	\$54,665	\$100,019
<b>RESOURCE CONSERVATION</b>							
6788 District Sprayfield	254,095	258,114	251,449	283,186	321,367	312,342	321,779
6789 005 Discharge	5,523	3,652	277	387	400	400	400
6785 Watershed Programs	27,504	4,370	60,773	17,097	46,429	40,000	46,594
Sub-total	\$287,122	\$266,136	\$312,499	\$300,670	\$368,196	\$352,742	\$368,773

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

	FY 14-15 Actual	FY 15-16 Actual	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Budget	FY 18-19 Est. Actual	FY 19-20 Budget
<b>SPECIALTY EXPENSES</b>							
5700 SCADA Services	68,401	58,619	49,624	38,646	110,198	76,475	114,310
5710.2 Technical Services	1,090	1,228	0	0	638	325	646
5712 Compost Sales/Use Tax	4,549	3,721	2,922	3,246	4,000	4,000	4,000
5715.2 Other Lab Services	147,489	168,185	141,224	154,291	152,286	152,286	156,855
5715.3 Tapia Lab Sampling	140,569	137,910	125,705	130,352	147,443	137,966	151,302
7202 Allocated Lab Expense	351,743	335,237	378,015	399,644	435,685	419,200	449,138
Sub-total	\$713,841	\$704,900	\$697,490	\$726,179	\$850,250	\$790,252	\$876,251
<b>ADMINISTRATIVE EXPENSES</b>							
6215 Equipment Maintenance	0	0	0	0	0	0	0
6872 Litigation/Outside Services	219,268	106,211	83,990	49,115	25,000	25,000	25,000
6874 Litigation/District Costs	0	0	0	0	0	0	0
6516 Other Professional Services	20,186	149,719	95,007	167,843	136,800	136,800	137,000
6517 Audit Fees	2,500	3,296	3,395	3,395	3,600	3,600	3,700
7110 Travel/Misc Staff Expense	54	138	248	0	0	0	0
7135 General Insurance	0	0	0	0	0	0	0
7135.1 Property Insurance	55,181	55,132	56,955	69,614	58,038	58,038	59,779
7135.4 Earthquake Insurance	89,726	88,786	91,466	110,557	92,775	92,775	95,559
7145 Claims Paid	147,000	18,000	122,451	21,000	0	0	0
7153 TSD Staff Services	4,036	1,804	0	0	5,000	5,000	5,000
7155 Other Expense	0	0	54,029	9,000	0	0	0
6260 Rental Charge - Facility Repl	344,732	336,150	371,357	351,674	363,316	363,316	363,316
7160 Direct Charged Supplies & Services	0	0	0	0	0	0	0
7203 Allocated Building Maint	88,082	95,945	83,651	89,824	107,102	132,253	88,804
7225 Allocated Support Services	3,432,606	3,288,672	3,528,201	4,099,146	4,465,585	4,142,252	4,713,915
7226 Allocated Operations Services	1,602,547	1,372,249	1,613,325	1,938,958	2,100,809	1,948,699	2,169,190
Sub-total	\$6,005,918	\$5,516,102	\$6,104,075	\$6,910,126	\$7,358,025	\$6,907,733	\$7,661,264
<b>TOTAL EXPENSES</b>	<b>\$15,189,559</b>	<b>\$13,919,281</b>	<b>\$14,755,030</b>	<b>\$15,679,209</b>	<b>\$17,064,399</b>	<b>\$16,125,804</b>	<b>\$17,580,606</b>
<b>NET OPERATING EXPENSE</b>	<b>\$12,863,329</b>	<b>\$11,573,440</b>	<b>\$12,586,972</b>	<b>\$13,333,476</b>	<b>\$14,328,305</b>	<b>\$13,761,766</b>	<b>\$14,813,210</b>

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
10520	<b>SCADA System Communication Upgrades</b>	2 Deferred	Appr. Exp.	\$93,100 \$32,447	<b>\$0</b>
	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.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	Yes	
10564	<b>Centrate Equalization Tank</b>	2 Continuing	Appr. Exp.	\$2,343,008 \$2,067,588	<b>\$0</b>
	Construct a centrate equalization tank at the centrate treatment facility.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Construction	25.00%	70.60%	29.40%	
	Sanitation Replacement	75.00%			
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10565	<b>Rancho Las Virgenes Digester Cleaning and Repair</b>	1 Completed	Appr. Exp.	\$1,866,751 \$1,904,306	<b>\$0</b>
	To clean out and evaluate the condition of existing digesters # 1. The full scope of repairs is unknown at this time but could include coatings ,concrete patching, pipe and valve repairs, removal of the steam lances, and repairs to hatches and seals.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10567	<b>Programmable Logic Controller Upgrades</b>	2 Continuing	Appr. Exp.	\$332,850 \$79,700	<b>\$923,450</b>
	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.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	Yes	



# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
10589	<b>WIMS Software Implementation</b>	2 Completed	Appr. Exp.	\$32,350 \$94,190	<b>\$0</b>
	Purchase and installation of Water Information Management solution.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10608	<b>Rancho Amendment Bin and Conveyance Modification Project</b>	2 Completed	Appr. Exp.	\$2,070,518 \$2,070,518	<b>\$0</b>
	The project consists of installing a new smaller amendment bin and modification to the conveyor system to simplify the amendment conveyance process.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10611	<b>Tapia Duct Bank Infrastructure Upgrade</b>	2 Cancelled	Appr. Exp.	\$160,000 \$0	<b>\$0</b>
	Add new duct bank from the front gate to the chemical building with several intercept points along the way.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10619	<b>Summer Season 2013 TMDL Compliance</b>	1 Continuing	Appr. Exp.	\$640,000 \$137,985	<b>\$809,985</b>
	Construction of a 1MGD "side stream" treatment facility at Tapia to treat stream flow augmentation discharges to the 2013 TMDL limits of 1 mg/L total nitrogen and 0.1 mg/L total phosphorous. The cost estimate is based on membrane technology. The size is based on the maximum daily flow from 2013-2015.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Construction	25.00%	70.60%	29.40%	
	Sanitation Replacement	75.00%			
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	Yes	
10626	<b>Process Air Improvements</b>	2 Continuing	Appr. Exp.	\$5,729,710 \$769,575	<b>\$0</b>
	The first phase is to replace the existing Roots blowers with new, high efficiency, single stage blowers. To replace the air diffusers in the aeration basins with new full floor mounted fine bubble diffusers.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
10629	<b>Canyon Oaks Park RW Main Extension</b>	2 Continuing	Appr. Exp.	\$399,780 \$7,295	<b>\$0</b>
	This extension will serve the City of Westlake Village's Canyon Oaks Park and eliminate a long private service line to Yerba Buena School.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Conservation	100.00%	70.60%	29.40%	
	<b>Other Funding from: Proposition 84</b>			<b>\$354,000</b>	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
10635	<b>Pure Water Project Las Virgenes-Triunfo</b>	2 Continuing	Appr. Exp.	\$3,667,427 \$140,370	<b>\$0</b>
	On August 1, 2016 the JPA Board selected indirect potable reuse using Las Virgenes Reservoir as the preferred scenario for the Basis of Design Report. This CIP will fund preliminary studies, outreach, CEQA analysis, preliminary design and final design.				
	<i>Sub-Projects: 10636-Mixing &amp; Dilution Study</i>				
	<i>10637-Facility Siting Study</i>				
	<i>10638-Demonstration Project</i>				
	<i>10650-Land Acquisition</i>				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	<b>Other Funding from: Title XVI</b>			<b>\$272,600</b>	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	Yes
10636	<b>Pure Water Project - Mixing and Dilution Study</b>	2 Continuing	Appr. Exp.	\$389,186 \$385,859	<b>\$0</b>
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
10638	<b>Pure Water Demonstration Project</b>	2 Continuing	Appr. Exp.	\$1,512,610 \$621,769	<b>\$2,001,159</b>
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	<b>Other Funding from: B.O.R./CA Coastal Comm</b>			<b>\$1,100,000</b>	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
10653	<b>Tapia Rehab FY17-18</b>	2 Completed	Appr. Exp.	\$2,105,700 \$2,105,700	<b>\$0</b>
	Rehabilitation or replacement of equipment in three different areas of Tapia WRF: rehabilitation of primary clarifiers No. 4 & 5, replacement of grit and skimmings piping, and replacement of 12 (of 20) channel 4 slide gates on the secondary sedimentation basins.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10654	<b>Hilton Foundation Solar Carport System</b>	2 Cancelled	Appr. Exp.	\$300,000 \$1,184	<b>\$0</b>
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10656	<b>Rancho Reliability Improvements</b>	Annual	Appr. Exp.	\$100,000 \$0	<b>\$0</b>
	Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, exceedance of useful life, or obsolescence. Specific projects are identified for each fiscal year.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	Yes	
10657	<b>Tapia Water Reclamation Facility Reliability Improvements</b>	3 Annual	Appr. Exp.	\$100,000 \$72,216	<b>\$0</b>
	Based on analysis of break history, facility age, pipe material, location and other distribution system indicators, this project will fund specific repair and/or replacement projects.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	Yes	
10658	<b>Tapia Sluice Gate and Drive Replacement</b>	2 Continuing	Appr. Exp.	\$556,600 \$0	<b>\$0</b>
	Replace existing gates in the tanks and channels at Tapia as well as drive mechanisms for flights and chains. Replace ten RAS gates in FY18-19.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
10661	<b>A/B Bus Electrical Modification</b>	3 Continuing	Appr. Exp.	\$100,000 \$0	<b>\$0</b>
	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.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10665	<b>Cordillera Tank Rehabilitation</b>	2 Continuing	Appr. Exp.	\$1,201,267 \$50,203	<b>\$0</b>
	Rehabilitation 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.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10666	<b>Calabasas Park Recycled Water Main Extension</b>	2 Continuing	Appr. Exp.	\$320,000 \$0	<b>\$0</b>
	Install approximately 1,200 LF of 6-8 inch pipeline to loop the existing recycled water system.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Recycled Water Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10667	<b>Tapia Headworks White Room Floor Plate Repair and Steel Framing Replacement</b>	2 Continuing	Appr. Exp.	\$55,000 \$45,223	<b>\$357,440</b>
	Modification or replacement is needed for the floor plates and steel framing floor plate supports in the white room located at Tapia's headworks building.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
10668	<b>Rancho LV Storm Water Diversion Structure Replacement</b>	1 Continuing	Appr. Exp.	\$30,000 \$2,167	<b>\$11,767</b>
	Replacement of the two storm water diversion structures at the Rancho Las Virgenes Composting Facility. Increase the size and length of the farm field discharge pipeline.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
10669	<b>Develop Tour Seating Area at Tapia &amp; Fish Tank Removal</b>	3 Continuing	Appr. Exp.	\$25,000 \$0	<b>\$0</b>
	Develop tour seating area at Tapia adjacent to the control building				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
10670	<b>Centrate 20-Inch Valve Repair</b>	2 Continuing	Appr. Exp.	\$150,000 \$0	<b>\$114,000</b>
	Repair buried 20-inch Miliken valve at the centrate facility.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
10680	<b>Rancho Las Virgenes Digester Cleaning and Repair</b>	2 Continuing	Appr. Exp.	\$533,694 \$437,904	<b>\$1,574,082</b>
	Clean out and make all necessary repairs to digesters #2. the scope of repairs is based on the recently completed rehabilitation of digester # 1.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
10682	<b>Rancho Las Virgenes: FOG Receiving Facilities</b>	3 Deferred	Appr. Exp.	\$30,000 \$0	<b>\$0</b>
	To conduct a study to determine the market for local high strength wastes (food waste, fats, oils, and grease (FOG)) that can be fed into the third digester. After completion of the study, the installation of facilities for receiving and conveying fats, oils, and grease (FOG) and food waste into the newly constructed third digester.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	Yes
10687	<b>Rancho Lighting Efficiency Upgrade</b>	3 Completed	Appr. Exp.	\$362,968 \$362,968	<b>\$0</b>
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
10688	<b>Rancho Solar Generation Project - Phase II</b>	2 Continuing	Appr. Exp.	\$398,556 \$398,556	<b>\$198,000</b>
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	<b>Other Funding from: Reimbursement by solar provider</b>			<b>\$105,000</b>	
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
10689	<b>Rancho Fire Repair - Woolsey Fire</b>	2 New	Appr. Exp.	\$46,955 \$46,955	<b>\$1,942,500</b>
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
10692	<b>JPA Facility Repair - Woolsey Fire</b>	2 New	Appr. Exp.	\$46,112 \$46,112	<b>\$832,500</b>
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
60033	<b>Pavement Restoration Rancho</b>	3 New	Appr. Exp.	\$0 \$0	<b>\$533,320</b>
	Pavement restoration/slurry at Rancho				
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	No
70014	<b>Rancho Reliability Improvements FY 19-20</b>	2 Annual	Appr. Exp.	\$0 \$0	<b>\$100,000</b>
	Project Funding:			JPA Share - LV:	JPA Share - TSD:
	Sanitation Replacement	100.00%		70.60%	29.40%
	Estimated Impact on Annual Operating Expense			Anticipated Future Expenditures	Yes

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status		through June 30, 2019	FY19-20 Appropriations
70015	<b>Tapia Water Reclamation Facility Reliability Improvements FY 19-20</b>	2 Annual	Appr. Exp.	\$0 \$0	<b>\$100,000</b>
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	Yes	
201808	<b>Tapia Effluent Pump Station 4160 V Feeder Relocation</b>	2 New	Appr. Exp.	\$0 \$0	<b>\$100,000</b>
	Remove or abandon in place existing 4160 Volt feeders currently encased in the top slab of the Effluent Pump Station Wet Well, underneath the existing MCCs. Perform electrical design and replace with overhead 4160 Volt feeders. Ensure coordination with 480V switchgear improvements				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	No	
201810	<b>Tapia Tertiary Filters Rehabilitation</b>	2 New	Appr. Exp.	\$0 \$0	<b>\$60,000</b>
	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 deck of the filter structure. Potentially provide 1 local control panel for multiple filters. Provide weather protection for existing controls until replacement.				
	Project Funding:		JPA Share - LV:	JPA Share - TSD:	
	Sanitation Replacement	100.00%	70.60%	29.40%	
	Estimated Impact on Annual Operating Expense		Anticipated Future Expenditures	Yes	

# JPA Capital Improvement Project Detail, FY2019-20

Proj #	Project Name/Description	Priority/ Status	through June 30, 2019	FY19-20 Appropriations
<b>Total Capital Improvement Project Appropriations</b>				<b>\$9,658,203</b>
		<i>Total Other Funding</i>	\$3,807,117	
<i>Total Estimated Impact on Annual Operating Expense</i>				

Appropriations by Fund	FY 2019-20 Appropriations	JPA Projects TSD Share	Net LVMWD Appropriations
Recycled Water Conservation	\$0	\$0	\$0
Recycled Water Replacement	\$0	\$0	\$0
Sanitation Construction	\$202,496	\$59,534	\$142,962
Sanitation Replacement	\$9,455,707	\$2,779,978	\$6,675,729
<b>FY 2019-20 GRAND TOTAL</b>	<b>\$9,658,203</b>	<b>\$2,839,512</b>	<b>\$6,818,691</b>