



Las Virgenes – Triunfo Joint Powers Authority

FY 2021-22
Budget Addendum

Las Virgenes – Triunfo Joint Powers Authority

Fiscal Year 2021-22

Triunfo Water and Sanitation District

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JPA 2021-22 BUDGET OVERVIEW

In June 2020, the JPA Board adopted the Fiscal Year (FY) 2020-21 budget and approved the FY 2021-22 Budget Plan. The purpose of preparing a two-year budget is to improve long-range and strategic planning, financial management, and program monitoring over a multi-year period. The Fiscal Year 2021-22 budget addendum provides estimated actuals for fiscal year 2020-21 and reflects any updates from the approved fiscal year 2021-22 approved budget plan.

The Fiscal Year 2021-22 JPA budget for operating expenses is \$18.5 million with net operating expense of \$15.9 million. Operating expenses increased from the budget plan by \$572.6 thousand for the addition of a Pure Water Program Manager, 80% of salary to be charged to JPA; additional lab testing and building maintenance costs at the Pure Water Demonstration and Tapia facilities. Increases are detailed in table below:

Summary of Operational Changes Fiscal Year 2021-22

Pure Water Demonstration Program Manager	\$237,600
Pure Water Demonstration lab testing	250,000
Pure Water Demonstration building maintenance	50,000
Tapia Facility building maintenance	35,000
	<u>\$572,600</u>

The JPA Capital Budget for new appropriations is \$11 million. This represents a reduction of \$2.9 million in Fiscal Year 2021-22. The JPA expects to receive an offset of \$3.7 million which includes grant and insurance proceeds. Several projects were deferred to later budget years and \$2 million was reduced in the Pure Water Project. Significant Changes to the Capital Improvements Project Budget is detailed in the table below:

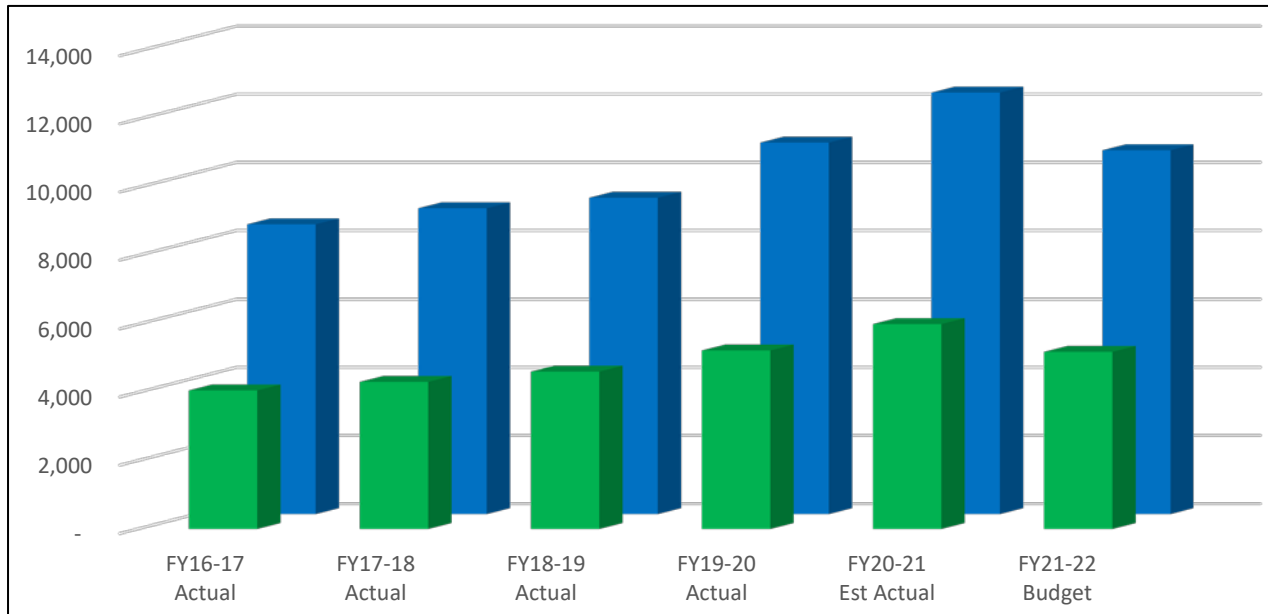
Summary of Significant Changes Capital Improvement Projects Fiscal Year 2021-22

	Budget Plan	Proposed	Adjustments
10635-Pure Water Project	8,249,514	6,249,514	(2,000,000)
10667-Tapia Headworks White Room	-	13,948	13,948
10668-Rancho Storm Water Diversion	264,402	-	(264,402)
10739-Rancho Generator Study	275,340	206,840	(68,500)
10742-Lift Station Improvements	1,110,000	960,000	(150,000)
10745-003 Discharge Rehabilitation	100,000	-	(100,000)
10749-Tapia Influent Pump Replacement	396,000	-	(396,000)
10754-Rancho Valve in Street Replacement	253,500	-	(253,500)
10767-Rancho Solar and Battery	-	218,500	218,500
10768-Refurbish Centrifuge #1	-	100,000	100,000
	<u>\$ 10,648,756</u>	<u>\$ 7,748,802</u>	<u>\$ (2,899,964)</u>

Combined, the Operating and Capital budgets for Fiscal Year 2021-22 total \$29.5 million with Operating representing 41.1% and Capital representing 58.9% of that total.

Las Virgenes - Triunfo
Joint Powers Authority
Operations Summary
(Dollars in Thousands)

	FY16-17 Actual	FY17-18 Actual	FY18-19 Actual	FY19-20 Actual	FY20-21 Est Actual	FY21-22 Budget
JPA Revenues	2,168	2,346	2,115	2,444	2,547	2,608
JPA Expenses	14,755	15,679	15,990	18,559	20,905	18,457
Net Operating Expense	12,587	13,333	13,875	16,115	18,358	15,849
Non-Operating Revenue (Expense)	45	69	-	-	-	-
Net Expense	12,542	13,264	13,875	16,115	18,358	15,849
LVMWD	8,483	8,954	9,263	10,882	12,350	10,657
TSD	4,059	4,310	4,612	5,233	6,008	5,192
	12,542	13,264	13,875	16,115	18,358	15,849



FY 2021-22 Operating Budget



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

	FY 16-17 Actual	FY 17-18 Actual	FY 18-19 Actual	FY 19-20 Actual	FY 20-21 Budget	FY 20-21 Est. Actual	FY 21-22 Budget
OPERATING REVENUES							
4235 RW Sales - LVMWD	\$1,369,024	\$1,603,106	\$1,503,857	\$1,799,462	\$1,838,192	\$1,892,315	\$1,954,050
4240 RW Sales - TWSD	688,676	678,150	564,870	597,313	540,397	601,243	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	47,367	65,000	48,210	65,000
4510 Compost Sales	14,161	8,882	811	0	15,000	4,890	15,000
TOTAL OPERATING REVENUES	\$2,168,058	\$2,345,733	\$2,115,274	\$2,444,142	\$2,458,589	\$2,546,658	\$2,608,034
SOURCE OF SUPPLY							
5115 Purchased Water - Potable Suppl	34,124	0	0	30,020	0	0	0
	\$34,124	\$0	\$0	\$30,020	\$0	\$0	\$0
OPERATIONS DIVISION EXPENSE							
5400 Labor	1,986,771	1,972,298	2,201,788	2,384,522	2,346,619	2,333,847	2,397,826
5405.1 Electricity	2,101,399	2,270,433	1,895,554	2,027,222	1,737,800	2,243,173	1,915,300
5405.2 Telephone	52,977	20,075	31,719	55,841	33,000	45,264	32,000
5405.3 Natural Gas	21,443	16,244	15,712	16,780	21,400	21,460	21,400
5405.4 Water	7,956	11,493	11,949	19,485	12,500	92,473	12,300
5410 Supplies/Material	72,756	80,218	81,596	91,889	80,950	147,728	80,950
5410.1 Fuel	26,208	20,065	17,805	14,394	30,050	23,461	30,100
5410.5 Ferric Chloride	42,204	37,853	35,505	61,227	60,000	55,024	60,000
5410.6 Defoamer/Deodorant	6,082	7,079	3,981	2,090	4,120	2,787	4,120
5410.7 Polymer	120,588	117,798	149,870	102,998	147,000	69,534	147,000
5410.8 Amendment	142,893	101,919	48,336	28,026	135,000	301,030	135,000
5410.9 Alum	6,864	6,917	11,127	19,543	12,000	21,459	12,000
5410.10 Sodium Hypochlorite	212,248	184,319	297,177	355,165	230,000	357,563	230,000
5410.11 Sodium Bisulfite	77,498	98,766	91,143	108,663	115,936	133,521	115,936
5410.13 Aqua Ammonia	31,675	27,657	30,616	27,685	31,699	28,574	31,699
5415 Outside Services	57,168	58,373	335,694	400,273	555,650	377,158	246,650
5417 Odor Control	143,703	141,619	75,610	41,624	185,000	70,813	185,000
5420 Permits and Fee	193,347	174,028	182,576	205,366	220,100	291,528	220,200
5425 Consulting Services	0	96,515	46,286	37,603	180,000	0	90,000
5430 Capital Outlay	23,994	0	98,630	83,841	155,000	0	155,000
Sub-total	\$5,327,774	\$5,443,669	\$5,662,674	\$6,084,237	\$6,293,824	\$6,616,397	\$6,122,481
MAINTENANCE DIVISION EXPENSE							
5500 Labor	1,211,888	1,228,843	1,231,514	1,123,389	1,252,844	1,068,221	1,274,732
5510 Supplies/Material	396,570	380,410	431,805	421,998	294,000	421,105	304,000
5515 Outside Services	437,628	350,741	362,045	397,807	374,450	688,641	537,450
5518 Building Maintenance	88,631	105,941	130,815	204,603	282,177	170,421	368,645
5520 Permits and Fee	580	1,211	0	0	500	2,159	500
5525 Consulting Services	2,252	0	0	0	0	0	0
5530 Capital Outlay	45,774	161,552	26,094	772	65,000	109,661	70,000
Sub-total	\$2,183,323	\$2,228,698	\$2,182,273	\$2,148,569	\$2,268,971	\$2,460,209	\$2,555,327
INVENTORY EXPENSES							
5536 Inventory Adjustment	(2,393)	6,134	153,421	0	5,000	0	5,000
Sub-total	(\$2,393)	\$6,134	\$153,421	\$0	\$5,000	\$0	\$5,000
PUBLIC INFORMATION							
6602 School Education Program	22,535	14,394	2,586	0	20,000	0	20,000
6604 Public Education Program	70,275	45,330	29,554	16,267	20,069	39,869	20,842
6606 Community Group Outreach	1,182	2,911	0	0	8,000	0	8,000
6608 Intergovernmental Coordination	4,146	1,098	411	0	5,000	0	5,000
Sub-total	\$98,138	\$63,733	\$32,551	\$16,267	\$53,069	\$39,869	\$53,842
RESOURCE CONSERVATION							
6788 District Sprayfield	251,449	283,186	314,316	269,119	270,000	307,378	275,000
6789 005 Discharge	277	387	10,917	13,019	400	179	400
6785 Watershed Programs	60,773	17,097	1,800	431	20,000	0	20,000
Sub-total	\$312,499	\$300,670	\$327,033	\$282,569	\$290,400	\$307,557	\$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 Actual	FY 20-21 Budget	FY 20-21 Est. Actual	FY 21-22 Budget
SPECIALTY EXPENSES							
5700 SCADA Services	49,624	38,646	56,005	72,348	62,104	131,166	62,786
5710.2 Technical Services	0	0	1,313	14,179	13,763	0	16,164
5712 Compost Sales/Use Tax	2,922	3,246	2,989	0	4,000	6,206	4,000
5715.2 Other Lab Services	141,224	154,291	158,532	151,424	184,000	250,291	334,000
5715.3 Tapia Lab Sampling	125,705	130,352	131,436	117,611	187,269	82,142	193,001
7202 Allocated Lab Expense	378,015	399,644	441,847	560,914	529,280	594,272	531,736
Sub-total	\$697,490	\$726,179	\$792,122	\$916,475	\$980,416	\$1,064,078	\$1,141,687
ADMINISTRATIVE EXPENSES							
6872 Litigation/Outside Services*	83,990	49,115	206,946	100,472	0	0	0
6874 Litigation/District Costs*	0	0	0	0	0	0	0
6516 Other Professional Services	95,007	167,843	266,417	182,895	156,600	242,307	156,600
6517 Audit Fees	3,395	3,395	3,377	6,000	6,000	0	6,000
7110 Travel/Misc Staff Expense	248	0	0	0	0	0	0
7135.1 Property Insurance**	56,955	69,614	79,858	113,262	0	124,440	0
7135.4 Earthquake Insurance**	91,466	110,557	117,389	119,864	0	123,198	0
7145 Claims Paid	122,451	21,000	0	685,000	0	0	0
7153 TWSD Staff Services	0	0	0	0	6,000	0	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	355,452	363,316	357,482	363,316
6350 Allocated Insurance**	0	0	0	0	175,131	0	183,888
6351 Allocated Legal Services*	0	0	0	0	135,000	6,117	135,000
7203 Allocated Building Maint	83,651	89,824	153,010	102,595	115,392	147,151	96,642
7225 Allocated Support Services	3,528,201	4,099,146	3,906,942	5,069,084	4,825,693	6,171,537	5,146,037
7226 Allocated Operations Services	1,613,325	1,938,958	1,728,380	2,346,373	2,133,047	3,244,565	2,189,680
Sub-total	\$6,104,075	\$6,910,126	\$6,839,937	\$9,080,998	\$7,916,179	\$10,416,798	\$8,283,163
TOTAL EXPENSES	\$14,755,030	\$15,679,209	\$15,990,011	\$18,559,136	\$17,807,859	\$20,904,908	\$18,456,900
NET OPERATING EXPENSE	\$12,586,972	\$13,333,476	\$13,874,737	\$16,114,993	\$15,349,269	\$18,358,249	\$15,848,866

*Litigation was moved to Allocated Legal Services

**Property and Liability Insurance was moved to Allocated Insurance

FY 2021-22 Capital Improvement Budget



Capital Improvement Project Detail, FY 2021-22

SCADA System Communications Upgrade-10520

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	32,447	93,100	60,653	
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. Carryforward deferred to future year.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	527,943	
	TWSD Share Amount (29.4%)	-	219,851	
	Project Totals	-	747,794	840,894

Tapia Programmable Logic Controller Upgrades-10567

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	1,439,825	2,500,000	1,060,175	
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.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	748,484	-	
	TWSD Share Amount (29.4%)	311,691	-	
	Project Totals	1,060,175	-	2,500,000

Summer Season TMDL Compliance-10619

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	444,390	2,937,375	2,492,985	
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.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	1,760,047	-	
	TWSD Share Amount (29.4%)	732,938	-	
	Project Totals	2,492,985	-	2,937,375

Pure Water Project-10635

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	1,604,978	7,648,650	6,043,672	
This project funds preliminary studies, outreach, CEQA analysis, preliminary design and final design. The 2018 cost estimate (\$121M) was updated using an annual inflationary factor of 3%. The District anticipates 25% of cost of FY20-21 and FY21-22 will be offset by grants.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	8,678,989	-	
	TWSD Share Amount (29.4%)	3,614,197	-	
	Project Totals	12,293,186	242,021,047	256,000,000
	Project Offset		(1,424,537)	
			Net Project	254,575,463

Capital Improvement Project Detail, FY 2021-22

A/B Bus Electrical Modification-10661

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	10,491	100,000	89,509	
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.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	63,193	-	
TWSD Share Amount (29.4%)	-	26,316	-	
Project Totals	-	89,509	-	100,000

Tapia Headworks White Room-10667

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	435,886	421,938	-13,948	
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.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	9,847	-	-	
TWSD Share Amount (29.4%)	4,101	-	-	
Project Totals	13,948	-	-	435,886

Rancho Las Virgenes Storm Water Diversion-10668

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	143,056	143,056	
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 taht 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. Carryforward deferred to future year.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	-	186,668	
TWSD Share Amount (29.4%)	-	-	77,734	
Project Totals	-	-	264,402	264,402

Develop Seating Area at Tapia-10669

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	14,035	25,000	10,965	
Develop tour seating area and climate appropriate landscaping at Tapia adjacent to the control building.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	7,741	-	
TWSD Share Amount (29.4%)	-	3,224	-	
Project Totals	-	10,965	-	25,000

Centrate 24" Valve Replacement-10670

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	13,496	289,000	275,504	
Replace two (2) buried 24-inch Miliken valves at the centrate facility.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	194,506	-	
TWSD Share Amount (29.4%)	-	80,998	-	
Project Totals	-	275,504	-	289,000

Capital Improvement Project Detail, FY 2021-22

Rancho Las Virgenes Digester Cleaning and Repair-10680

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	2,733,877	2,856,488	122,611	
Rehabilitation and repair of Digester No. 2 at Rancho Compost Facility.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	86,563	-	
	TWSD Share Amount (29.4%)	36,048	-	
	Project Totals	122,611	-	2,856,488

Rancho Fire Repair- Woolsey Fire-10689

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	817,793	2,167,055	1,349,262	
Repair compost and cure building, fire damaged windows and roofing, mechanical equipment, irrigation system, electrical, architectural façade, biofilter and other damaged items. This project has been submitted to the agency's insurance carrier for reimbursement.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	952,579	-	
	TWSD Share Amount (29.4%)	396,683	-	
	Project Totals	1,349,262	-	2,167,055
	Project Offset	-	(2,167,055) Net Project	-

JPA Facility Repairs-Woolsey Fire-10692

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	3,864	878,612	874,748	
Repair JPA owned fire damaged facilities, property and equipment. Damage includes irrigation systems at Rancho Compost Facility and Reservoir 2. Budget for design is under CIP# 10691.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	617,572	-	
	TWSD Share Amount (29.4%)	257,176	-	
	Project Totals	874,748	-	878,612

Tapia Effluent Pump Station-10702

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	6,491	100,000	93,509	
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.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	345,593	-	
	TWSD Share Amount (29.4%)	143,916	-	
	Project Totals	489,509	-	496,000

Capital Improvement Project Detail, FY 2021-22

Tapia Tertiary Filter Rehab-10703

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	60,000	60,000	
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. Carryforward deferred to future year.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	55,915	
	TWSD Share Amount (29.4%)	-	23,285	
	Project Totals	-	79,200	79,200

Rancho Reliability Improvements-10711

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	12,230	132,000	119,770	
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 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	93,192	177,750	-
	TWSD Share Amount (29.4%)	38,808	74,020	-
	Project Totals	132,000	251,770	1,056,000

Tapia Water Reclamation Facility Improvements-10712

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	8,813	132,000	123,187	
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 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	93,192	180,162	-
	TWSD Share Amount (29.4%)	38,808	75,025	-
	Project Totals	132,000	255,187	1,056,000

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. Project deferred to future year.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	931,920	
	TWSD Share Amount (29.4%)	-	388,080	
	Project Totals	-	1,320,000	1,320,000

Lift Station No.1 Pump Replacement-10750

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	-	-	
Replacement of (3) pumps				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	279,576	-	
	TWSD Share Amount (29.4%)	116,424	-	
	Project Totals	396,000	-	396,000

Capital Improvement Project Detail, FY 2021-22

Lift Station No.2 Pump Replacement-10751

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	-	-	
Replacement of (3) pumps				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	279,576	-	-
	TWSD Share Amount (29.4%)	116,424	-	-
	Project Totals	396,000	-	396,000

Tapia Hypochlorite Tank Replacement-10720

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	642,870	727,994	85,124	
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 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	60,098	-
	TWSD Share Amount (29.4%)	-	25,026	-
	Project Totals	-	85,124	727,994

Tapia Effluent Meter Replacement-10721

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	33,000	33,000	
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 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	23,298	-
	TWSD Share Amount (29.4%)	-	9,702	-
	Project Totals	-	33,000	33,000

Tapia Sludge Wet Well Re-Circulation-10752

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	-	-	
The re-circulation (mixing) piping at the Tapia sludge wet wells is corroded and develops leaks. This project replaces this piping.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	44,337	44,337	-
	TWSD Share Amount (29.4%)	18,463	18,463	-
	Project Totals	62,800	62,800	62,800

Tapia Air Line Repair-10753

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
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 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	35,300	35,300	-
	TWSD Share Amount (29.4%)	14,700	14,700	-
	Project Totals	50,000	50,000	50,000

Capital Improvement Project Detail, FY 2021-22

Rancho Valving In Street Replacement- 10754

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	-	-	
Replace the broken or damaged R.E.W. and Potable Water valving throughout the facility.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	178,971	
	TWSD Share Amount (29.4%)	-	74,529	
	Project Totals	-	253,500	253,500

Multi Site Security Assessment and Improvement- JPA-10724

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	58,394	58,394	
Security Assessment of various District sites and facilities. This will include access controls and security camera installations and improvements.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	22,870	64,096	-
	TWSD Share Amount (29.4%)	9,524	26,692	-
	Project Totals	32,394	90,788	90,788

Tapia Gantry Crane-10755

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	-	-	
Design, build and construct gantry crane for future maintenance of aeration basin diffusers.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	81,613	81,613	-
	TWSD Share Amount (29.4%)	33,986	33,986	-
	Project Totals	115,600	115,600	115,600

Tapia Flow Equalization-10737

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	100,000	100,000	
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 AWT.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	176,500	247,100	4,878,460
	TWSD Share Amount (29.4%)	73,500	102,900	2,031,540
	Project Totals	250,000	350,000	7,260,000

Tapia HVAC Replacement-10738

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	304,000	304,000	
Replace existing 40-year old HVAC at Tapia.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
	LV Share Amount (70.6%)	-	214,624	-
	TWSD Share Amount (29.4%)	-	89,376	-
	Project Totals	-	304,000	304,000

Capital Improvement Project Detail, FY 2021-22

Rancho Generator Study and Purchase-10739

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	304,000	304,000	
Commission study/design of backup generator requirements followed by purchase and installation of recommended equipment.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	146,029	360,653	48,361	
TWSD Share Amount (29.4%)	60,811	150,187	20,139	
Project Totals	206,840	510,840	68,500	579,340

Concrete Corrosion/Crack Repair-Tapia-10741

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	66,000	66,000	
Repair failing concrete at the Tapia Water Reclamation Facility.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	46,596	93,192	-	
TWSD Share Amount (29.4%)	19,404	38,808	-	
Project Totals	66,000	132,000	66,000	198,000

Lift Station Improvements- 10742

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	150,000	150,000	
Repair and rehabilitate aging lift stations.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	677,760	783,660	889,560	
TWSD Share Amount (29.4%)	282,240	326,340	370,440	
Project Totals	960,000	1,110,000	1,260,000	2,370,000

Fire Hardening- JPA Facilities-10743

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	264,000	264,000	
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 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	186,384	372,768	-	
TWSD Share Amount (29.4%)	77,616	155,232	-	
Project Totals	264,000	528,000	2,112,000	2,640,000

Discharge Point Rehab-10745

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	8,791	769,300	760,509	
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.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	(70,600)	536,919	70,600	
TWSD Share Amount (29.4%)	(29,400)	223,590	29,400	
Project Totals	(100,000)	760,509	100,000	769,300

Capital Improvement Project Detail, FY 2021-22

New RAS Wet Well and Pumps-10747

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	120,000	120,000	
Replace RAS wet well and pumps to increase pumping capacity and reliability.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	84,720	790,720	
TWSD Share Amount (29.4%)	-	35,280	329,280	
Project Totals	-	120,000	1,120,000	1,240,000

Centrate Tank Inspection and Rehabilitation Assessment-10748

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	10,000	10,000	
Tank inspections and recommendations for rehabilitation.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	-	7,060	-	
TWSD Share Amount (29.4%)	-	2,940	-	
Project Totals	-	10,000	-	10,000

Trunk Sewer System Improvements-10756

	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				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	783,660	783,660	-	
TWSD Share Amount (29.4%)	326,340	326,340	-	
Project Totals	1,110,000	1,110,000	-	1,110,000

Rancho Solar and Battery-10767

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	-	-	
Develop battery backup system that will reduce energy peaking charges by monitoring system usage and applying stored power during periods of highest electrical rates.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	154,261	154,261	-	
TWSD Share Amount (29.4%)	64,239	64,239	-	
Project Totals	218,500	218,500	-	218,500

Refurbish Centrifuge #1-10768

	Prior Year Expenditures	Prior Year Appropriations	Carryforward	
Project Description:	-	-	-	
Rebuild of centrifuge #1. Includes rebalancing and repairing of broken tiles.				
Sanitation-100 %	FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations	Project Total
LV Share Amount (70.6%)	70,600	70,600	-	
TWSD Share Amount (29.4%)	29,400	29,400	-	
Project Totals	100,000	100,000	-	100,000

Sanitation Summary

	Carryforward	FY 21-22 Appropriations	FY 21-22 Budget	
LV Share Amount (70.6%)	10,713,291	7,802,426	18,515,717	
TWSD Share Amount (29.4%)	4,065,963	3,249,170	7,315,132	
Project Totals	14,779,254	11,051,596	25,830,849	
			Project Offsets	(3,591,592)

Capital Improvement Project Detail, FY 2021-22

Recycled Water				
Canyon Oaks Park RW Main Extension-10629				
		Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description:		7,451	399,780	392,329
Extension to serve the City of Westlake Village's Oak Canyon Park and eliminate a long private service line to Yerba Buena School. Funding from Prop 84 IRWM 2015.				
Recycled-100 %		FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations
	LV Share Amount (70.6%)	-	276,984	-
	TWSD Share Amount (29.4%)	-	115,345	-
	Project Totals	-	392,329	-
	Project Offset		(106,090)	Net Project
				293,690
Cordillera Tank Rehab-10665				
		Prior Year Expenditures	Prior Year Appropriations	Carryforward
Project Description:		932,265	1,141,125	208,860
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.				
Recycled-100 %		FY 21-22 Appropriations	FY 21-22 Budget	Future Year Appropriations
	LV Share Amount (70.6%)	-	147,455	-
	TWSD Share Amount (29.4%)	-	61,405	-
	Project Totals	-	208,860	-
				1,201,267
Recycled Water Summary				
		Carryforward	FY 21-22 Appropriations	FY 21-22 Budget
	LV Share Amount (70.6%)	424,439	-	424,439
	TWSD Share Amount (29.4%)	176,750	-	176,750
	Project Totals	601,189	-	601,189
				Project Offsets: (106,090)
Total Capital Projects				
		Carryforward	FY 21-22 Appropriations	FY 21-22 Budget
	LV Share Amount (70.6%)	11,137,730	7,802,426	18,940,156
	TWSD Share Amount (29.4%)	4,242,712	3,249,170	7,491,882
	Project Totals	15,380,443	11,051,596	26,432,038
				Project Offsets: (3,697,682)